



King County

2017-2018 CIP APPENDIX BIENNIAL BUDGET

Executive Proposed

Office of the King County Executive
Office of Performance, Strategy and Budget

September 2016

King County, Washington



King County

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A Special Thanks to:
The Employees of King County

ATTACHMENT A CAPITAL IMPROVEMENT PROGRAM DATED SEPTEMBER 17, 2016
2017-2018 Biennial - Executive Proposed

Project Number	Project Name Class Code	Tech Adj	FY17-18 Appropriations	FY19-20 Planned	FY21-22 Planned	Total 6-Year Budget
3151 CONSERV FUTURES SUB-FUND						
Project Number	Project Name Class Code	Tech Adj	FY17-18	FY19-20	FY21-22	Total 6-Year Budget
1047152	WLCF CFL PROGRAM SUPPORT STANDALONE		\$349,418	\$369,631	\$392,142	\$1,111,191
1047186	WLCF KC TOLT RVR NATRL AREA STANDALONE		\$200,000	\$0	\$0	\$200,000
1047194	WLCF LWR CDR R CNSRVTN ARA STANDALONE		\$50,000	\$0	\$0	\$50,000
1047196	WLCF COUG-SQUAK CORIDR ADD STANDALONE		\$250,000	\$0	\$0	\$250,000
1047220	WLCF TDR PROGRAM SUPPORT STANDALONE		\$142,983	\$151,253	\$160,465	\$454,701
1047226	WLCF SNO - SNO RVRFRNT RCH STANDALONE		\$150,000	\$0	\$0	\$150,000
1047227	WLCF BEL BELLEVUE GRNWKY&OS STANDALONE		\$397,500	\$0	\$0	\$397,500
1047228	WLCF ISS-ISSAQUH CRK WTRWY STANDALONE		\$200,000	\$0	\$0	\$200,000
1113919	WLCF KC Patterson Creek STANDALONE		\$25,000	\$0	\$0	\$25,000
1116223	WLCF KC TDR Active Farmland STANDALONE		\$300,000	\$0	\$0	\$300,000
1116226	WLCF KC Mid Fork Snoq NA STANDALONE		\$59,305	\$0	\$0	\$59,305
1116231	WLCF KC Bear Crk Waterways STANDALONE		\$281,789	\$0	\$0	\$281,789
1116241	WLCF KC Wetland 14 / Spring LK STANDALONE		\$330,000	\$0	\$0	\$330,000

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Project Number	Project Name Class Code	Tech Adj	FY17-18 Appropriations	FY19-20 Planned	FY21-22 Planned	Total 6-Year Budget
1116245	WLCF KC Soos Cr Add STANDALONE		\$0	\$0	\$0	\$0
1116248	WLCF KC Paradise Villy-Judd Cr STANDALONE		\$0	\$0	\$0	\$0
1116264	WLCF KC MASTER STANDALONE		\$12,191,836	\$23,866,358	\$26,075,822	\$62,134,016
1122034	WLCF COV South Covington Park STANDALONE		\$100,000	\$0	\$0	\$100,000
1122057	WLCF KC Dairies in King Co/TDR STANDALONE		\$400,000	\$0	\$0	\$400,000
1122058	WLCF KC Griffin Creek Nat Area STANDALONE		\$70,000	\$0	\$0	\$70,000
1123818	WLCF NEW LAKE BOREN / MAY CK T STANDALONE		\$199,000	\$0	\$0	\$199,000
1123828	WLCF KC MITCHELL HILL FOR ADD STANDALONE		\$250,000	\$0	\$0	\$250,000
1123830	WLCF KC SOUTH FORK SKYKOMISH WLCF CONSRVTN FUTURES BDGT		\$0	\$0	\$0	\$0
1126724	WLCF BTH WAYNE GC FRONT NINE STANDALONE		\$200,000	\$0	\$0	\$200,000
1126725	WLCF BTH WAYNE GC BACK NINE STANDALONE		\$800,000	\$0	\$0	\$800,000
1126728	WLCF KRK JUANITA HGTS PK/CK STANDALONE		\$135,000	\$0	\$0	\$135,000
1126743	WLCF KC GR LWR NEWAUKUM CK STANDALONE		\$300,000	\$0	\$0	\$300,000
1126744	WLCF KC GR MID NEWAUKUM SP CK STANDALONE		\$300,000	\$0	\$0	\$300,000

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1129219	WLCF CAR CARN TOLT COMMONS PK STANDALONE		\$25,000	\$0	\$0	\$25,000
1129220	WLCF FED HYLEBOS CK CONS STANDALONE		\$98,300	\$0	\$0	\$98,300
1129221	WLCF LFP SPU PROPERTY STANDALONE		\$250,000	\$0	\$0	\$250,000
1129222	WLCF NBD PART PARK RSNAKE MTN STANDALONE		\$1,000,000	\$0	\$0	\$1,000,000
1129223	WLCF RNT MAY CK FAWCETT S STANDALONE		\$400,000	\$0	\$0	\$400,000
1129231	WLCF SEA BITTER LK PLAY ADD STANDALONE		\$1,000,000	\$0	\$0	\$1,000,000
1129232	WLCF SEA LK CITY URB VILL ADD STANDALONE		\$1,200,000	\$0	\$0	\$1,200,000
1129233	WLCF SEA DELRIDGE OPEN SPACE STANDALONE		\$40,000	\$0	\$0	\$40,000
1129234	WLCF SEA LAKERIDGE PARK ADD STANDALONE		\$30,000	\$0	\$0	\$30,000
1129235	WLCF LONGFELLOW CREEK ADD STANDALONE		\$200,000	\$0	\$0	\$200,000
1129237	WLCF MAGNOLIA GREENBELT STANDALONE		\$40,000	\$0	\$0	\$40,000
1129238	WLCF SEA NTH BEACH NAT AREA STANDALONE		\$30,000	\$0	\$0	\$30,000
1129250	WLCF KC EMERALD NECKLACE TRAIL STANDALONE		\$200,000	\$0	\$0	\$200,000
1129252	WLCF KC SNOQUALMIE FOREST STANDALONE		\$25,000	\$0	\$0	\$25,000

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Project Number	Project Name Class Code	Tech Adj	FY17-18 Appropriations	FY19-20 Planned	FY21-22 Planned	Total 6-Year Budget
1129253	WLCF KC COUGAR MTN PARK ADD STANDALONE		\$50,000	\$0	\$0	\$50,000
1129255	WLCF KC LWR CEDAR/MTH TAY STANDALONE		\$300,000	\$0	\$0	\$300,000
1129264	WLCF KC BIG BEACH STANDALONE		\$350,000	\$0	\$0	\$350,000
1129266	WLCF KC MAURY IS ADD-COMM TR STANDALONE		\$200,000	\$0	\$0	\$200,000
1129267	WLCF KC PINER POINT NAT AREA STANDALONE		\$250,000	\$0	\$0	\$250,000
1129268	WLCF KC VASHON SPRING BEACH STANDALONE		\$140,000	\$0	\$0	\$140,000
1129269	WLCF KC FARMLAND ENUM APD/TDR STANDALONE		\$190,000	\$0	\$0	\$190,000
1129270	WLCF KC VASHON IS S UP FOR STANDALONE		\$25,000	\$0	\$0	\$25,000
1129271	WLCF KC FARMLAND SAMM APD/TDR STANDALONE		\$125,000	\$0	\$0	\$125,000
1129272	WLCF KC FARMLAND GREEN APD/TDR STANDALONE		\$125,000	\$0	\$0	\$125,000
1129273	WLCF KC RED BARN RANCH STANDALONE		\$161,500	\$0	\$0	\$161,500
1129314	WLCF AUB WATTS PROPERTY STANDALONE		\$111,000	\$0	\$0	\$111,000
3151 - CONSERV FUTURES SUB-FUND		Total	\$24,247,631	\$24,387,242	\$26,628,429	\$75,263,302
3160 FMD-PARKS,REC,OPEN SPACE						
Project Number	Project Name Class Code	Tech Adj	FY17-18	FY19-20	FY21-22	Total 6-Year Budget
1039583	PKS AUDITOR CPO		\$8,982	\$0	\$0	\$8,982

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Project Number	Project Name Class Code	Tech Adj	FY17-18 Appropriations	FY19-20 Planned	FY21-22 Planned	Total 6-Year Budget
	ADMIN					
1039611	PKS M: PARKS FACILITY REHAB PROGRAMMATIC		\$1,536,530	\$6,450,000	\$12,000,000	\$19,986,530
1039848	PKS ASSOC DLVP/ PARTNER PM PROGRAMMATIC		(\$500,000)	\$1,000,000	\$1,000,000	\$1,500,000
1046228	PKS ACQN EVALTNS MASTER PROGRAMMATIC		\$200,000	\$200,000	\$200,000	\$600,000
1046229	PKS M: MARYMOOR FIELDPARTNER PROGRAMMATIC	✓	(\$571,592)	\$0	\$0	(\$571,592)
1121442	PKS M: CIP MITIGATION MONITORNG PROGRAMMATIC		\$640,500	\$850,000	\$1,050,000	\$2,540,500
1122161	PKS M: CENTRAL MAINT FACILITY PROGRAMMATIC		\$6,700,000	\$14,800,000	\$0	\$21,500,000
1122162	PKS M: SYNTHETIC TURF REPLACE PROGRAMMATIC	✓	(\$1,321,648)	\$2,290,000	\$700,000	\$1,668,352
1129678	PKS GRANT CONTINGENCY 3160 ADMIN		\$868,750	\$0	\$0	\$868,750
1129686	PKS M: SMALL CAPITAL PROGRAMMATIC		\$3,153,596	\$3,160,000	\$3,160,000	\$9,473,596
1130265	PKS PRESTON ATHLETIC FIELDS STANDALONE		\$650,000	\$0	\$0	\$650,000
1130266	PKS MARYMOOR PARK FIELDS STANDALONE		\$2,400,000	\$0	\$0	\$2,400,000
3160 - FMD-PARKS, REC, OPEN SPACE		Total	\$13,765,118	\$28,750,000	\$18,110,000	\$60,625,118
3170 E 911 CAPITAL						
Project Number	Project Name Class Code	Tech Adj	FY17-18	FY19-20	FY21-22	Total 6-Year Budget
1130200	E911 Small PSAP Equipmt STANDALONE		\$1,600,000	\$1,500,000	\$1,500,000	\$4,600,000

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Project Number	Project Name Class Code	Tech Adj	FY17-18 Appropriations	FY19-20 Planned	FY21-22 Planned	Total 6-Year Budget
1130202	E911 Security System STANDALONE	✓	\$3,500,000	\$0	\$0	\$3,500,000
3170 - E 911 CAPITAL			Total	\$5,100,000	\$1,500,000	\$1,500,000
3292 SWM CIP NON-BOND SUBFUND						
Project Number	Project Name Class Code	Tech Adj	FY17-18	FY19-20	FY21-22	Total 6-Year Budget
1033882	WLER ECO RESTORE & PROTECT PROGRAMMATIC		\$1,176,947	\$1,247,846	\$1,320,796	\$3,745,589
1034167	WLER WR1A 7 ECOSYSTEM RESTORATN PROGRAMMATIC		\$505,750	\$27,283,452	\$2,927,145	\$30,716,347
1034171	WLER WR1A8 ECOSYSTEM RESTORATN PROGRAMMATIC		\$5,232,779	\$2,048,809	\$1,961,491	\$9,243,079
1034245	WLER WR1A9 ECOSYSTEM RESTORATN PROGRAMMATIC		(\$1,913,781)	\$4,493,402	\$1,267,666	\$3,847,287
1034280	WLER WR1A10 ECOSYSTEM RESTORATN PROGRAMMATIC		\$998,000	\$646,894	\$465,449	\$2,110,343
1034282	WLER VASHON ECOSYSTEM RESTORAT PROGRAMMATIC		\$392,844	\$4,430,461	\$5,410,911	\$10,234,216
1034287	WLER SMALL HABITAT RESTORATION PROGRAMMATIC		\$817,999	\$1,129,083	\$1,197,844	\$3,144,926
1048125	WLSWC PUBLIC SAFETY/PROPERTY PROGRAMMATIC		(\$4,990,801)	\$0	\$0	(\$4,990,801)
1111168	WLFAC CAPITAL PROJECT OVERSIGH ADMIN		\$44,916	\$0	\$0	\$44,916
1117841	WLFAC 3RD BURDEN IMPCT 2013/14 ADMIN		(\$44,916)	\$0	\$0	(\$44,916)
1129370	WLSWC STEWARDSHIP WATERQUALITY STANDALONE		\$150,000	\$166,368	\$176,500	\$492,868

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Project Number	Project Name Class Code	Tech Adj	FY17-18 Appropriations	FY19-20 Planned	FY21-22 Planned	Total 6-Year Budget
1129371	WLSWC GENERAL PROGRAMMATIC		\$420,000	\$465,830	\$494,199	\$1,380,029
1129377	WLSWC EMERGENT NEED CONTG STANDALONE		\$200,000	\$221,824	\$235,332	\$657,156
1129378	WLSWC SWS GRANT CONTINGENCY STANDALONE		\$5,750,000	\$7,145,341	\$10,358,112	\$23,253,453
1129379	WLSWCFS FEASIBILITY STUDIES WLSWCFS FEASIBILITY STUDIES		\$881,116	\$1,099,666	\$1,240,408	\$3,221,190
1129380	WLSWCAD AGRICULTURE DRAINAGE PROGRAMMATIC		\$1,100,000	\$1,247,348	\$1,324,181	\$3,671,529
1129381	WLSWCND NEIGHBORHOOD DRAINAGE PROGRAMMATIC		\$120,000	\$133,095	\$141,199	\$394,294
1129382	WLSWCE EMERGENCY PROGRAMMATIC		\$400,000	\$443,647	\$470,665	\$1,314,312
1129383	WLSWCDF NATURAL DRAINAGE FLOOD PROGRAMMATIC		\$2,105,000	\$1,511,359	\$3,621,175	\$7,237,534
1129385	WLSWCWQ WATER QUALITY PROGRAMMATIC		\$1,701,571	\$2,368,498	\$3,078,867	\$7,148,936
1129388	WLSWCA ASSET PRESERVATION PROGRAMMATIC		\$4,009,804	\$6,909,737	\$4,732,459	\$15,652,000
1129460	WLER FUND GRANT CONTINGENCY PROGRAMMATIC		\$3,000,000	\$0	\$0	\$3,000,000
1129530	WLER EMERGENT NEED CONTINGENCY STANDALONE		\$150,000	\$166,368	\$176,500	\$492,868
3292 - SWM CIP NON-BOND SUBFUND		Total	\$22,207,228	\$63,159,028	\$40,600,899	\$125,967,155
3310 LONG-TERM LEASES						
Project Number	Project Name Class Code	Tech Adj	FY17-18	FY19-20	FY21-22	Total 6-Year Budget
1039895	DES LTLF MASTER PROJECT		\$32,794,623	\$33,478,762	\$34,791,816	\$101,065,201

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Project Number	Project Name Class Code	Tech Adj	FY17-18 Appropriations	FY19-20 Planned	FY21-22 Planned	Total 6-Year Budget
	PROGRAMMATIC					
3310 - LONG-TERM LEASES		Total	\$32,794,623	\$33,478,762	\$34,791,816	\$101,065,201
3350 YOUTH SRVS FACILTS CONST						
Project Number	Project Name Class Code	Tech Adj	FY17-18	FY19-20	FY21-22	Total 6-Year Budget
1121298	DES FMD 3350 T/T 3951 1117106	✓	\$191,964,731	\$0	\$0	\$191,964,731
3350 - YOUTH SRVS FACILTS CONST		Total	\$191,964,731	\$0	\$0	\$191,964,731
3380 AIRPORT CONSTRUCTION						
Project Number	Project Name Class Code	Tech Adj	FY17-18	FY19-20	FY21-22	Total 6-Year Budget
1028653	AD PAVEMENT REHABILITATION PROGRAMMATIC		\$200,000	\$1,250,000	\$1,000,000	\$2,450,000
1119982	AD AIRPORT REDEVELOPMENT PROGRAMMATIC		\$0	\$10,000,000	\$2,250,000	\$12,250,000
1120730	AD AIRPORT FACILITIES REPAIR AD AIRPORT FACILITIES REPAIR		\$0	\$1,700,000	\$3,000,000	\$4,700,000
1120731	AD AIRPORT FLEET PROGRAMMATIC		\$1,998,594	\$1,250,000	\$1,390,000	\$4,638,594
1121024	AD CIP OVERSIGHT STANDALONE		\$7,647	\$0	\$0	\$7,647
1126426	AD AIRPORT PHYS SEC IMPROVMNTS STANDALONE		\$1,020,063	\$0	\$0	\$1,020,063
1129947	AD EQUIPMENT SNOW SHED STANDALONE		\$1,414,000	\$0	\$0	\$1,414,000
1129949	AD MAGVAR RUNWAY RENUMBERING STANDALONE		\$2,750,000	\$0	\$0	\$2,750,000
1129951	AD AIRFIELD ELECTRICAL SYSTEM STANDALONE		\$862,436	\$0	\$0	\$862,436
1129953	AD AIRPORT EMERGENT NEEDS		\$500,000	\$100,000	\$100,000	\$700,000

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Project Number	Project Name Class Code	Tech Adj	FY17-18 Appropriations	FY19-20 Planned	FY21-22 Planned	Total 6-Year Budget
	STANDALONE					
1129960	AD PERIMETER INTRUSION DET SYS STANDALONE		\$1,651,526	\$0	\$0	\$1,651,526
1130061	AD AIRPORT GRANT CONTINGENCY STANDALONE		\$1,000,000	\$200,000	\$200,000	\$1,400,000
1130186	AD CITYWORKS ADDL MODULES STANDALONE		\$314,700	\$364,700	\$364,700	\$1,044,100
3380 - AIRPORT CONSTRUCTION		Total	\$11,718,966	\$14,864,700	\$8,304,700	\$34,888,366

3421 MJR MNTNCE RSRV SUB-FUND

Project Number	Project Name Class Code	Tech Adj	FY17-18	FY19-20	FY21-22	Total 6-Year Budget
1039688	DES FMD MMRF CONTINGENCY PROGRAMMATIC		\$323,008	\$0	\$0	\$323,008
1039756	DES FMD MMRF CAP PRJT OVSIGHT ADMIN		\$11,838	\$0	\$0	\$11,838
1124124	DES FMD AB HEAT GEN SYSTMS STANDALONE		\$900,883	\$0	\$0	\$900,883
1124472	DES FMD KCCH SYS REVITALIZ STANDALONE		(\$500,000)	\$0	\$0	(\$500,000)
1124606	DES FMD MMRF QUICK RESPONSE DES FMD MMRF CONTINGENCY		\$100,000	\$0	\$0	\$100,000
1127248	DES FMD AB REPL CHILLER CTRLS STANDALONE		\$137,073	\$0	\$0	\$137,073
1129710	DES FMD 24/7 FACILITY GROUP PROGRAMMATIC		\$5,919,505	\$0	\$0	\$5,919,505
1129770	DES FMD ARV D4010 FIRE/SPRINK STANDALONE		\$1,447,361	\$0	\$0	\$1,447,361
1129771	DES FMD DIS NE D5010 ELEC/DIST STANDALONE		\$134,192	\$0	\$0	\$134,192

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1129774	DES FMD PBDEO D3050 TP UNITS STANDALONE		\$1,043,131	\$0	\$0	\$1,043,131
1129776	DES FMD PBDEW D5010 ELE/DIST STANDALONE		\$218,118	\$0	\$0	\$218,118
1129784	DES FMD P#4 BUR D5010 ELE/DIST STANDALONE		\$425,667	\$0	\$0	\$425,667
1129785	DES FMD P#4 BUR D5031 FIRE ALM STANDALONE		\$177,587	\$0	\$0	\$177,587
1129786	DES FMD ADMIN BLDG D5031 FIRE STANDALONE		\$737,994	\$0	\$0	\$737,994
1129787	DES FMD ADMIN BLDG D5010 ELE/D STANDALONE		\$1,760,474	\$0	\$0	\$1,760,474
1129788	DES FMD BLACK RIV D3050 TER/PA STANDALONE		\$785,254	\$0	\$0	\$785,254
1129789	DES FMD ADMIN BLDG D3060 CI STANDALONE		\$462,427	\$0	\$0	\$462,427
1129790	DES FMD ADMIN BLDG D3050 TPU STANDALONE		\$1,446,665	\$0	\$0	\$1,446,665
1129791	DES FMD ADMIN BLDG D3049 FAU STANDALONE		\$507,721	\$0	\$0	\$507,721
1129793	DES FMD BLACK RIV B3010 ROF/EX STANDALONE		\$2,090,606	\$0	\$0	\$2,090,606
3421 - MJR MNTNCE RSRV SUB-FUND		Total	\$18,129,504	\$0	\$0	\$18,129,504
3522 OS KC NON BND FND SUBFUND						
Project Number	Project Name Class Code	Tech Adj	FY17-18	FY19-20	FY21-22	Total 6-Year Budget
1047267	WLOS GRANT CONTINGENCY PROGRAMMATIC		\$6,333,901	\$5,000,000	\$5,000,000	\$16,333,901

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Project Number	Project Name Class Code	Tech Adj	FY17-18 Appropriations	FY19-20 Planned	FY21-22 Planned	Total 6-Year Budget
3522 - OS KC NON BND FND SUBFUND		Total	\$6,333,901	\$5,000,000	\$5,000,000	\$16,333,901
3581 PARKS CAPITAL						
Project Number	Project Name Class Code	Tech Adj	FY17-18	FY19-20	FY21-22	Total 6-Year Budget
1044590	PKS BEAR CREEK WATERWAYS STANDALONE		\$349,695	\$0	\$0	\$349,695
1044592	PKS CAPITAL PROJECT OVERSIGHT ADMIN		\$50,341	\$0	\$0	\$50,341
1044596	PKS COUGAR MTN PRECIPICE TRL STANDALONE		\$350,000	\$0	\$0	\$350,000
1044598	PKS COUGAR-SQUAK CORRIDOR PEL STANDALONE		\$550,000	\$0	\$0	\$550,000
1044600	PKS M:E Lake Samm Trail PROGRAMMATIC		\$9,971,781	\$1,650,000	\$0	\$11,621,781
1044668	PKS FOOTHILLS REGIONAL TRAIL STANDALONE		\$4,811,000	\$1,000,000	\$0	\$5,811,000
1044743	PKS LWR CEDAR CONS AREA-PEL STANDALONE		\$530,000	\$0	\$0	\$530,000
1044750	PKS MITCHELL HILL DUTHIE STANDALONE		\$500,000	\$0	\$0	\$500,000
1044755	PKS PATTERSON CREEK ADDTN- PEL STANDALONE		\$25,000	\$0	\$0	\$25,000
1044835	PKS REGIONAL OPEN SPACE INITI PROGRAMMATIC		\$7,474,000	\$7,470,035	\$0	\$14,944,035
1047185	PKS ENUMCLAW FORESTED FOOTHIL STANDALONE	✓	(\$166,000)	\$0	\$0	(\$166,000)
1112621	PKS South County Regional Tra PROGRAMMATIC		\$1,356,208	\$9,000,000	\$0	\$10,356,208
1114767	PKS SNOQUALMIE-FALL CITY		\$371,000	\$0	\$0	\$371,000

ATTACHMENT A CAPITAL IMPROVEMENT PROGRAM DATED SEPTEMBER 17, 2016

2017-2018 Biennial - Executive Proposed

Project Number	Project Name Class Code	Tech Adj	FY17-18 Appropriations	FY19-20 Planned	FY21-22 Planned	Total 6-Year Budget
	REACH STANDALONE					
1114769	PKS ISSAQUAH CREEK PROTECTION STANDALONE	✓	(\$205,000)	\$0	\$0	(\$205,000)
1114770	PKS SOOS CREEK REGIONAL PARK STANDALONE	✓	\$0	\$0	\$0	\$0
1116947	PKS MIDDLE FORK SNOQ NA ADD STANDALONE		\$59,305	\$0	\$0	\$59,305
1116951	PKS WETLAND 14 STANDALONE		\$330,000	\$0	\$0	\$330,000
1116958	PKS MAURY IS ADDITIONS STANDALONE		\$500,000	\$0	\$0	\$500,000
1121155	PKS M:EASTSIDE RAIL CORR (ERC) PROGRAMMATIC		\$7,503,000	\$6,000,000	\$0	\$13,503,000
1121443	PKS M:TRAILHEAD DEV & ACCESS PROGRAMMATIC		\$6,454,778	\$1,800,000	\$0	\$8,254,778
1121444	PKS M:STEVE COX MEMORIAL PARK PROGRAMMATIC		\$2,098,728	\$700,000	\$0	\$2,798,728
1121445	PKS M:NEWAUKUM/BIG SPRING CRK STANDALONE		\$400,000	\$0	\$0	\$400,000
1121451	PKS M:GRIFFIN CREEK NA STANDALONE		\$70,000	\$0	\$0	\$70,000
1121452	PKS M:PINER POINT NATURAL AREA STANDALONE		\$350,000	\$0	\$0	\$350,000
1121454	PKS M:RTS GATEWAYS/TRAILHEADS PROGRAMMATIC	✓	(\$573,545)	\$0	\$0	(\$573,545)
1121455	PKS M:RTS MOBILITY CONNECTIONS PROGRAMMATIC		\$2,749,850	\$750,000	\$0	\$3,499,850
1121498	PKS M:PLAYAREA REHAB		\$1,003,500	\$700,000	\$0	\$1,703,500

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Project Number	Project Name Class Code	Tech Adj	FY17-18 Appropriations	FY19-20 Planned	FY21-22 Planned	Total 6-Year Budget
	PROGRAMMATIC					
1121499	PKS M:BRIDGE&TRESTLE PROGRAM PROGRAMMATIC		\$2,700,000	\$500,000	\$0	\$3,200,000
1121500	PKS M:REG TRL SURFACE IMPR PROGRAMMATIC		\$3,616,035	\$2,500,000	\$0	\$6,116,035
1123804	PKS M:GRN RVR TR EXT PROGRAMMATIC		\$500,000	\$500,000	\$0	\$1,000,000
1123892	PKS M: BALLFLD, SPRT CRT REHAB PROGRAMMATIC	✓	(\$460,000)	\$0	\$0	(\$460,000)
1123894	PKS M: PK LOT & PTHWY RHB PROGRAMMATIC		\$1,338,500	\$1,100,000	\$0	\$2,438,500
1123895	PKS M: BLDG STRUCTURE PROGRAMMATIC		\$566,765	\$650,000	\$0	\$1,216,765
1123896	PKS M: DRNGE/SWR/WTR SYSTM RHB PROGRAMMATIC		\$858,000	\$650,000	\$0	\$1,508,000
1123925	PKS M:EMERALD NCKLCE TR STANDALONE		\$500,000	\$0	\$0	\$500,000
1123926	PKS M:S FRK SKYKMSH CORR CONSV STANDALONE		\$0	\$0	\$0	\$0
1123927	PKS M: SVT MILL SITE TR STANDALONE		\$296,000	\$0	\$0	\$296,000
1123928	PKS M:SNO CORR REC PTNSHP STANDALONE		\$302,000	\$0	\$0	\$302,000
1124055	PKS: M ASSET MGT SYS ADMIN		\$573,545	\$600,000	\$0	\$1,173,545
1124477	PKS M: CHINOOK WIND ACQ STANDALONE		\$185,496	\$0	\$0	\$185,496
1124478	PKS M: LOWER GREEN RIVER		(\$385,496)	\$0	\$0	(\$385,496)

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Project Number	Project Name Class Code	Tech Adj	FY17-18 Appropriations	FY19-20 Planned	FY21-22 Planned	Total 6-Year Budget
	STANDALONE					
1126266	PKS CPITAL PLAN ADM ADMIN		\$3,036,371	\$1,566,945	\$0	\$4,603,316
1127075	PKS LOWER NEWAUKUM CRK STANDALONE		\$400,000	\$0	\$0	\$400,000
1127078	PKS BIG BEACH STANDALONE		\$350,000	\$0	\$0	\$350,000
1129471	PKS SNOQUALMIE FOREST STANDALONE		\$25,000	\$0	\$0	\$25,000
1129472	PKS LWR CEDAR RV/TAYLOR STANDALONE		\$300,000	\$0	\$0	\$300,000
1129473	PKS BURTON PIT STANDALONE		\$150,000	\$0	\$0	\$150,000
1129474	PKS VASHON GOLF COURSE STANDALONE		\$25,000	\$0	\$0	\$25,000
1129475	PKS SPRING BEACH STANDALONE		\$140,000	\$0	\$0	\$140,000
1129476	PKS VASHON ISLND S UPLAND FRST STANDALONE		\$175,000	\$0	\$0	\$175,000
1129671	PKS M:PARKS ENERGY EFFICIENCY PROGRAMMATIC		\$1,466,000	\$600,000	\$0	\$2,066,000
1129673	PKS EMERGENT CONTINGENCY 3581 ADMIN		\$2,430,729	\$270,000	\$0	\$2,700,729
1129676	PKS GRANT CONTINGENCY 3581 ADMIN		\$7,818,750	\$0	\$0	\$7,818,750
1129688	PKS M:RTS ADA TRANSITION PLAN PROGRAMMATIC		\$200,000	\$200,000	\$0	\$400,000
1129690	PKS M:RTS MONITORING & MAINT		\$1,302,000	\$1,000,000	\$0	\$2,302,000

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Project Number	Project Name Class Code	Tech Adj	FY17-18 Appropriations	FY19-20 Planned	FY21-22 Planned	Total 6-Year Budget
	PROGRAMMATIC					
1129692	PKS M:RTS STANDARDS & SAFETY PROGRAMMATIC		\$1,202,945	\$1,500,000	\$0	\$2,702,945
1129700	PKS M:SKYWAY PARK STANDALONE		\$500,000	\$0	\$0	\$500,000
3581 - PARKS CAPITAL		Total	\$77,026,281	\$40,706,980	\$0	\$117,733,261
3591 KC MARINE CONST						
Project Number	Project Name Class Code	Tech Adj	FY17-18	FY19-20	FY21-22	Total 6-Year Budget
1111713	MD VESSEL PRESERVATION STANDALONE		\$0	\$1,000,000	\$1,000,000	\$2,000,000
1111716	MD TERMINAL IMPROVEMENTS STANDALONE		\$180,000	\$0	\$0	\$180,000
1111718	MD SEATTLE FERRY TERMINAL STANDALONE		\$20,700,933	\$0	\$0	\$20,700,933
1111720	MD MARINE GENERAL CAPITAL ADMIN	✓	\$21,578	\$0	\$0	\$21,578
1111723	MD TERMINAL PRESERVATION STANDALONE		\$0	\$500,000	\$750,000	\$1,250,000
1129116	MD Float Replacement STANDALONE		\$5,287,897	\$0	\$0	\$5,287,897
1129117	MD Float Expansion STANDALONE		\$0	\$6,865,084	\$0	\$6,865,084
1129118	MD Grant Contingency ADMIN		\$5,000,000	\$0	\$0	\$5,000,000
1129119	MD Emergent Need Contingency ADMIN		\$1,250,000	\$0	\$0	\$1,250,000
1129120	MD Spirit Engine Replacement STANDALONE		\$626,150	\$0	\$0	\$626,150

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Project Number	Project Name Class Code	Tech Adj	FY17-18 Appropriations	FY19-20 Planned	FY21-22 Planned	Total 6-Year Budget
1129121	MD W Sea Terminal Relocation STANDALONE		\$0	\$500,000	\$1,000,000	\$1,500,000
1129122	MD Maint Facility Relocation STANDALONE		\$0	\$1,000,000	\$0	\$1,000,000
3591 - KC MARINE CONST		Total	\$33,066,558	\$9,865,084	\$2,750,000	\$45,681,642
3611 WATER QUALITY CONST-UNRES						
Project Number	Project Name Class Code	Tech Adj	FY17-18	FY19-20	FY21-22	Total 6-Year Budget
1037498	WTC STRUCTURE SITE IMPROVEMENT PROGRAMMATIC		\$0	\$2,947,586	\$3,999,999	\$6,947,585
1037513	WTC BIOSOLIDS TRANSP STANDALONE		\$0	\$0	\$2,158,459	\$2,158,459
1037549	WTC CAPITAL PROJECT OVERSIGHT STANDALONE		\$754,721	\$28,356	\$0	\$783,077
1037765	WTC WATER QUALITY CAP OUTLAY STANDALONE		\$663,032	\$803,328	\$717,332	\$2,183,692
1037767	WTC BIOSOLIDS SITE DEVELOPMENT STANDALONE		\$617,160	\$606,858	\$1,176,747	\$2,400,765
1037769	WTC WTD TECHNOLOGY PROGRAM DEV STANDALONE		(\$707,748)	\$0	\$0	(\$707,748)
1037789	WTC CONVEYANCE SYS IMPROVEMENT PROGRAMMATIC		\$0	\$18,845,404	\$22,670,803	\$41,516,207
1037815	WTC EAST DIVISION CORR REPAIRS STANDALONE		\$630,657	\$716,012	\$985,545	\$2,332,214
1038098	WTC CSO CONTROL AND IMPRV PROGRAMMATIC		\$0	\$0	\$41,162,818	\$41,162,818
1038099	WTC MITIGATION SITE MAINT MON STANDALONE		\$2,769,797	\$2,093,310	\$1,037,922	\$5,901,029

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Project Number	Project Name Class Code	Tech Adj	FY17-18 Appropriations	FY19-20 Planned	FY21-22 Planned	Total 6-Year Budget
1038122	WTC SUNSET HEATH PS FM UPGRADE STANDALONE		\$50,352,111	\$304,333	\$0	\$50,656,444
1038129	WTC LOWER DUWAMISH SUPERFUND STANDALONE		\$14,375,335	\$1,229,895	\$0	\$15,605,230
1038273	WTC ODOR CORROSION PROGRAMMATIC		\$4,502,217	\$5,513,282	\$4,388,373	\$14,403,872
1038294	WTC NOAA NON PROJECT SPEC STANDALONE		\$0	\$80,229	\$42,934	\$123,163
1038295	WTC BIOSOLIDS EQUIPMENT STANDALONE		\$0	\$0	\$113,140	\$113,140
1038314	WTC E DIV SCNDRY TANK COATING STANDALONE		\$0	\$0	\$226,119	\$226,119
1038335	WTC ELECTRICAL I AND C PROGRAMMATIC		\$8,505,451	\$7,200,000	\$5,400,000	\$21,105,451
1048049	WTC WTD CIP CONTINGENCY FUND STANDALONE		\$8,900,000	\$0	\$0	\$8,900,000
1048076	WTC CONVEYANCE H2S CORR REHAB PROGRAMMATIC		\$5,878,072	\$0	\$0	\$5,878,072
1048077	WTC ENVIR LAB ENERGY IMPROVMNT STANDALONE		\$1,751,819	\$0	\$0	\$1,751,819
1048079	WTC ROOF REPL WTD FACILITIES PROGRAMMATIC		\$1,814,960	\$0	\$0	\$1,814,960
1113189	WTC PROCESS REPLACEMENT IMPROV PROGRAMMATIC		\$11,119,456	\$7,200,000	\$5,399,999	\$23,719,455
1113196	WTC MECHANICAL UPGRADE AND REP PROGRAMMATIC		\$7,549,573	\$6,334,452	\$5,399,999	\$19,284,024
1113247	WTC PIPELINE REPLACEMENT PROGRAMMATIC		\$721,639	\$6,099,999	\$5,505,185	\$12,326,823

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1113334	WTC COMP PLANNING REPORTING PROGRAMMATIC		\$9,005,109	\$5,589,489	\$7,939,522	\$22,534,120
1113351	WTC LAB ASSET MGMT PROGRAM STANDALONE		\$596,747	\$1,290,815	\$2,190,358	\$4,077,920
1114367	WTC SP RPLS RS PMPS MTRS DRVS STANDALONE		\$2,204,504	\$0	\$0	\$2,204,504
1114374	WTC WP RPLC SOLIDS CNTRL SYS STANDALONE		\$60,392	\$0	\$0	\$60,392
1114383	WTC RECLAIM H2O PLAN & INFSTRC STANDALONE		\$1,510,249	\$3,402,315	\$3,331,348	\$8,243,912
1116794	WTC N LK SAM FLOW DIVERSION STANDALONE		\$5,754,302	\$19,244,033	\$192,187	\$25,190,522
1116796	WTC SP RECLAIMED H2O FAC MODS STANDALONE		\$1,986,022	\$0	\$0	\$1,986,022
1116797	WTC JAM/ARC BLDG REPLACEMENT STANDALONE		\$0	\$0	\$202,997	\$202,997
1116798	WTC WP OGADS REPLACEMENT STANDALONE		\$45,942,187	\$1,723,323	\$1,317,987	\$48,983,497
1116800	WTC N MERCER ENATAI INT PAR STANDALONE		\$9,922,064	\$64,020,232	\$5,074,953	\$79,017,249
1116801	WTC LK HILLS&NW LK SAM INTCPT STANDALONE		\$12,162,516	\$67,002,104	\$4,014,543	\$83,179,163
1116802	WTC HANFD AT RAINIER & BVIEW N STANDALONE		\$1,555,672	\$0	\$0	\$1,555,672
1121402	WTC GEORGETOWN WET WEATHER TS STANDALONE		\$213,377,092	\$0	\$818,510	\$214,195,602
1121404	WTC IPS HIGH VOLT SG REPL STANDALONE		\$3,512,147	\$125,429	\$0	\$3,637,576

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Project Number	Project Name Class Code	Tech Adj	FY17-18 Appropriations	FY19-20 Planned	FY21-22 Planned	Total 6-Year Budget
1121409	WTC WEST DUWAMISH CSO CONTROL STANDALONE		\$11,924,113	\$201,806	\$0	\$12,125,919
1121410	WTC UNIVERSITY GSI STANDALONE		\$27,098,123	\$1,456,631	\$0	\$28,554,754
1121411	WTC MONTLAKE GSI STANDALONE		\$26,461,748	\$358,510	\$0	\$26,820,258
1123517	WTC E FLEET MAINT FAC REPLCMNT STANDALONE		\$2,398,901	\$0	\$0	\$2,398,901
1123624	WTC COAL CRK SIPHON TRUNK PARA STANDALONE		\$12,761,872	\$13,813,081	\$57,843,529	\$84,418,482
1123625	WTC SP HYPO CAUSTIC CHEM STORE STANDALONE		\$1,814,529	\$0	\$0	\$1,814,529
1123626	WTC SP BIOGAS HEAT SYS IMPROVE STANDALONE		\$18,132,635	\$664,953	\$0	\$18,797,588
1123627	WTC WP 2ND MIX LIQ BLOWER REPL STANDALONE		\$447,376	\$0	\$0	\$447,376
1123629	WTC DENNY RS BACKUP POWER STANDALONE		\$372,725	\$688,167	\$0	\$1,060,892
1123630	WTC ESI SECT 2 REHAB PHASE II STANDALONE		\$16,266,278	\$318,267	\$0	\$16,584,545
1123632	WTC KENT AUBURN PHASE B STANDALONE		\$13,434,902	\$120,599	\$0	\$13,555,501
1123633	WTC NB OUTFALL REPLACEMENT STANDALONE		\$0	\$1,282,861	\$25,646,013	\$26,928,874
1126444	WTC CAPITAL PROJECTS CLOSEOUT PROGRAMMATIC		\$2,267,551	\$2,534,646	\$346,058	\$5,148,255
1127126	WTC JOINT SHIP CANAL CSO STANDALONE		\$15,061,399	\$45,207,423	\$59,805,223	\$120,074,045

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1127489	WTC PRIMARY SED ROOF STRUCTURE STANDALONE		\$4,653,824	\$20,028,768	\$273,379	\$24,955,971
1128354	WTC INTERBY PS PARTIAL FM RPLC STANDALONE		\$5,490,917	\$21,062,946	\$1,908,434	\$28,462,297
1129526	WTC WP LSG PIPING REPLACEMENT STANDALONE		\$2,515,523	\$9,138,658	\$887,692	\$12,541,873
1129527	WTC IBAY PS FM ODOR/CORR CNTRL STANDALONE		\$883,114	\$1,688,782	\$0	\$2,571,896
1129528	WTC OFFSITE REPLACE SMALL GENS STANDALONE		\$1,061,423	\$5,717,633	\$5,743,962	\$12,523,018
1129529	WTC WP REFURB PE & RAS PIPES STANDALONE		\$4,666,851	\$940,404	\$316,344	\$5,923,599
1129531	WTC SP C2/C3 PIPE REPLACEMENT STANDALONE		\$4,109,875	\$0	\$0	\$4,109,875
1129532	WTC BW OPTIMIZE AERATION BASIN STANDALONE		\$2,587,792	\$10,426,597	\$876,210	\$13,890,599
1129533	WTC CHELAN AVE CSO STANDALONE		\$9,086,838	\$43,059,805	\$24,996,184	\$77,142,827
1129534	WTC SAMMAMISH PLATEAU DIV STANDALONE		\$3,243,272	\$5,993,272	\$11,000,002	\$20,236,546
1129535	WTC FUTURE CSI PROJECT STANDALONE		\$0	\$6,525,270	\$6,000,000	\$12,525,270
1129536	WTC CAPITAL PROJECT FORMULATE STANDALONE		\$7,557,298	\$0	\$0	\$7,557,298
1129537	WTC H2S CORR REHAB 2020-2021 STANDALONE		\$745,992	\$4,963,106	\$1,174,848	\$6,883,946
1129538	WTC TECH ASSESS & INNOVATION STANDALONE		\$2,016,285	\$2,139,078	\$2,269,347	\$6,424,710

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1129756	WTC MEDINA FM ODOR CONTROL STANDALONE		\$2,448,352	\$9,409,926	\$294,724	\$12,153,002
3611 - WATER QUALITY CONST-UNRES		Total	\$627,296,763	\$430,141,973	\$324,849,728	\$1,382,288,464
3641 PUBLIC TRANS CONST-UNREST						
Project Number	Project Name Class Code	Tech Adj	FY17-18	FY19-20	FY21-22	Total 6-Year Budget
1028617	TD REGIONAL SIGNAL PRIORITY STANDALONE	✓	(\$2,468)	\$0	\$0	(\$2,468)
1028620	TD TRANSIT ORIENTED DEVELOP STANDALONE		\$988,451	\$510,000	\$510,000	\$2,008,451
1028624	TDC TOD CONVENTION PLACE PROGRAMMATIC		\$6,644,178	\$0	\$0	\$6,644,178
1028636	TD BUS VAPOR CLASS ADJ PEDALS STANDALONE	✓	(\$2,998)	\$0	\$0	(\$2,998)
1028637	TD SO KIRKLAND TOD STANDALONE	✓	(\$24,836)	\$0	\$0	(\$24,836)
1028644	TDC MDT REPLACEMENT STANDALONE		\$0	\$5,470,000	\$0	\$5,470,000
1028718	TD NON REV VEHICLE REPLACEMENT STANDALONE		\$1,861,832	\$4,371,031	\$4,679,373	\$10,912,236
1028723	TD BUS 40FT MB08 1 HYBRID PROGRAMMATIC		\$0	\$0	\$0	\$0
1028777	TD SIGNAGE REPLACEMENT STANDALONE		\$1,201,648	\$247,324	\$0	\$1,448,972
1028793	TD ADA VAN PURCHASES PROGRAMMATIC		\$0	\$0	\$0	\$0
1028816	TD BUS 60FT MB06 2 HYBRID PROGRAMMATIC		\$0	\$0	\$0	\$0
1028827	TD CAPITAL PROJECT OVERSIGHT		\$318,211	\$320,000	\$320,000	\$958,211

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	ADMIN					
1028830	TD TRANSIT PRIORITY IMPROVEMET PROGRAMMATIC		\$2,099,875	\$755,000	\$2,752,000	\$5,606,875
1028854	TD VANPOOL VEHICLE PURCHASE STANDALONE		\$0	\$0	\$0	\$0
1111770	TD CIP CONTINGENCY ADMIN		\$14,878,033	\$0	\$0	\$14,878,033
1111771	TD RADIO ALASKAN WAY TUNNEL STANDALONE	✓	(\$500,000)	\$0	\$0	(\$500,000)
1111785	TD CUSTOMER INFO SYS PLATFORM PROGRAMMATIC		\$765,394	\$486,633	\$0	\$1,252,027
1111786	TD FACILITY MASTER PLAN STANDALONE	✓	(\$5,676)	\$0	\$0	(\$5,676)
1111971	TDC BATTERY DOMINANT BUS PROGRAMMATIC		\$0	\$0	\$0	\$0
1111975	TD RT 120 TRANSIT IMPROVEMENTS STANDALONE	✓	(\$8,071)	\$0	\$0	(\$8,071)
1111992	TD DSTT ESCALATOR REFURB STANDALONE	✓	(\$381,474)	\$0	\$0	(\$381,474)
1111993	TD FIBER REPLACEMENT STANDALONE	✓	(\$36,584)	\$0	\$0	(\$36,584)
1112015	TDC DOWNTOWN SOUTHEND PATHWAY PROGRAMMATIC		\$300,000	\$0	\$0	\$300,000
1112016	TD SE CONNECTOR FACILITIES STANDALONE	✓	(\$722)	\$0	\$0	(\$722)
1114074	TDC 60 FT TROLLEY STANDALONE		\$0	\$0	\$0	\$0
1114075	TD 40 FT TROLLEY		\$0	\$0	\$0	\$0

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	PROGRAMMATIC					
1115954	TDC TRANSIT ASSET MAINT BUDGET PROGRAMMATIC		(\$25,218,717)	\$0	\$0	(\$25,218,717)
1116014	TD IS PRESERVATION BUDGET PROGRAMMATIC		\$17,484	\$82,056	\$0	\$99,540
1116015	TD TOH, SHELTER, EQUIP BUDGET PROGRAMMATIC		\$7,456,679	\$9,514,658	\$10,192,340	\$27,163,677
1116036	TD CAPITAL OUTLAY BUDGET PROGRAMMATIC		\$1,482,979	\$407,000	\$435,000	\$2,324,979
1116057	TD NORTHGATE TOD BUDGET PROGRAMMATIC		\$8,093,185	\$2,151,785	\$2,878,151	\$13,123,121
1116071	TD OP FACILITY IMP BUDGET PROGRAMMATIC		\$2,770,088	\$4,184,616	\$1,901,186	\$8,855,890
1116072	TD BUS ZONE SAFETY BUDGET PROGRAMMATIC		\$2,120,998	\$2,391,429	\$2,636,550	\$7,148,977
1116073	TD SHELTERS & LIGHTING PROGRAMMATIC		\$4,617,088	\$6,150,615	\$5,266,662	\$16,034,365
1116112	TD TROLLEY MOD BUDGET PROGRAMMATIC		\$1,639,902	\$1,664,501	\$443,294	\$3,747,697
1116236	TD RIDER INFO SYSTEMS BUDGET PROGRAMMATIC		\$1,089,998	\$0	\$0	\$1,089,998
1116746	TD RELACE LEGACY TSP EQUIPMENT STANDALONE	✓	(\$965,464)	\$0	\$0	(\$965,464)
1124125	TDC A/C OPS & WAREHOUSE DEMOS PROGRAMMATIC		\$1,669,318	\$0	\$0	\$1,669,318
1124234	TDC RADIO LIFE CYCLE REPLACE STANDALONE		\$0	\$500,000	\$500,000	\$1,000,000
1124256	TDC REGL TRANSIT CONNECTIVITY		\$1,661,808	\$3,000,000	\$1,000,000	\$5,661,808

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Project Number	Project Name Class Code	Tech Adj	FY17-18 Appropriations	FY19-20 Planned	FY21-22 Planned	Total 6-Year Budget
	PROGRAMMATIC					
1124395	TDC INTERIM POLICE FACILITY STANDALONE		\$966,757	\$0	\$0	\$966,757
1124396	TDC RAPIDRIDE AWV & ELINK FAC PROGRAMMATIC		\$238,202	\$1,733,824	\$118,675	\$2,090,701
1124413	TDC REAL TIME IMPROVEMENTS STANDALONE		\$565,018	\$144,182	\$0	\$709,200
1124415	TDC HASTUS PLANNING MODULE STANDALONE		\$99,444	\$0	\$0	\$99,444
1124427	TDC REPL SIGNAL PRIORITY EQUIP STANDALONE		\$4,328,805	\$1,290,000	\$0	\$5,618,805
1124429	TDC REPL 4.9 NETWK & ROUTERS STANDALONE		\$23,950,639	\$2,500,000	\$0	\$26,450,639
1124456	TDC ORCA REPLACEMENT STANDALONE		\$42,933,167	\$11,099,255	\$2,347,496	\$56,379,918
1124523	TDC CIP GRANT CONTINGENCY PROGRAMMATIC		(\$862,420)	\$3,559,600	\$0	\$2,697,180
1124538	TDC BUS SECURITY CAMERA REPL STANDALONE		(\$4,913,350)	\$1,052,222	\$1,285,556	(\$2,575,572)
1126349	TDC ALTERNATIVE SERVICES STANDALONE		\$5,612,859	\$0	\$0	\$5,612,859
1126880	TDC RT 245 OPERATIONAL IMP STANDALONE		\$1,915,001	\$0	\$0	\$1,915,001
1127330	TDC COMFORT STATIONS PROGRAMMATIC		\$2,746,495	\$2,562,042	\$2,020,000	\$7,328,537
1129299	TDC EL BUS CHRGR INFRASTR STANDALONE		\$5,466,727	\$7,165,194	\$2,951,776	\$15,583,697
1129343	TDC DT SEATTLE LAYOVER FAC		\$20,041,876	\$77,033,014	\$137,847	\$97,212,736

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Project Number	Project Name Class Code	Tech Adj	FY17-18 Appropriations	FY19-20 Planned	FY21-22 Planned	Total 6-Year Budget
	STANDALONE					
1129510	TDC TRANSFER ENV IMPR BUD STANDALONE		\$977,919	\$1,118,070	\$1,163,520	\$3,259,509
1129621	TDC BICYCLE PARKING EXP STANDALONE		\$304,010	\$1,711,948	\$1,711,948	\$3,727,906
1129622	TDC VAN DISTR CENTER PARKING STANDALONE		\$2,375,745	\$2,808,518	\$0	\$5,184,263
1129624	TDC PASS SELES OFFICE RENOV STANDALONE		\$455,351	\$0	\$0	\$455,351
1129626	TDC INFRASTR ASSET MGMT PROGRAMMATIC		\$40,753,142	\$2,800,000	\$2,300,000	\$45,853,142
1129627	TDC SITE ASSET MGMT PROGRAMMATIC		\$27,175,175	\$14,906,588	\$15,754,808	\$57,836,571
1129628	TDC BUILDING ASSET MGMT PROGRAMMATIC		\$57,658,563	\$28,911,928	\$45,546,211	\$132,116,702
1129629	TDC EQUIP ASSET MGMT PROGRAMMATIC		\$3,592,691	\$2,035,000	\$2,179,943	\$7,807,634
1129630	TDC SGR ADMINISTRATION PROGRAMMATIC		\$11,681,064	\$1,792,512	\$1,841,837	\$15,315,413
1129631	TDC 8TH BASE CONSTRUCTION STANDALONE		\$30,406,055	\$2,634,684	\$22,304,970	\$55,345,709
1129632	TDC MOVE SEATTLE RR EXP PROGRAMMATIC		\$4,041,970	\$17,873,705	\$22,275,688	\$44,191,363
1129633	TDC CCMP 2019 PROGRAM PROGRAMMATIC		\$27,190,210	\$842,340	\$0	\$28,032,550
1129634	TDC AB REPL MAINT BLD HVAC STANDALONE		\$2,299,556	\$10,572,627	\$0	\$12,872,183
1129636	TDC ST LINK STATION INTEGR		\$1,719,668	\$1,696,236	\$555,220	\$3,971,124

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	STANDALONE					
1129642	TDC SOUTH BASE EXPANSION STANDALONE		\$47,248,587	\$7,347,750	\$22,354,667	\$76,951,004
1129643	TDC YESLER WAY ELECTRIFIC STANDALONE		\$1,973,953	\$2,228,305	\$24,932,124	\$29,134,382
1129644	TDC CNTRL/ATL BASE EXP STANDALONE		\$59,974,752	\$6,292,300	\$17,927,500	\$84,194,552
1129648	TDC ON BUS CAMERA EXP STANDALONE		\$7,600,255	\$1,121,150	\$942,150	\$9,663,555
1129745	TDC ON BORAD SYSTEM REPL STANDALONE		\$0	\$1,500,000	\$12,000,000	\$13,500,000
1129746	TDC MC P&R EXPANSION STANDALONE		\$0	\$3,335,953	\$6,820,420	\$10,156,373
1129747	TDC MC RR EXPANSION STANDALONE		\$13,646,635	\$81,235,875	\$234,827,515	\$329,710,025
1129748	TDC MC TRANSIT HUB IMPR STANDALONE		\$0	\$15,150,000	\$41,410,000	\$56,560,000
1129749	TDC MC S&R PROGRAM STANDALONE		\$0	\$8,000,000	\$21,000,000	\$29,000,000
1129798	TDC OB CAMERA MGMT SYSTEM STANDALONE		\$640,778	\$0	\$0	\$640,778
1129799	TDC VEH TELEMAT FOR COACHES STANDALONE		\$3,428,817	\$0	\$0	\$3,428,817
1129800	TDC SAFETY & SECURITY SYS STANDALONE		\$2,114,368	\$292,100	\$0	\$2,406,468
1129801	TDC TR BUSINESS INTEL DATA STANDALONE		\$1,678,764	\$4,322,212	\$0	\$6,000,976
1129881	TDC RAIDO MICROWAVE REPL		\$2,819,313	\$0	\$0	\$2,819,313

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	STANDALONE					
3641 - PUBLIC TRANS CONST-UNREST		Total	\$489,376,700	\$370,875,783	\$540,224,426	\$1,400,476,909
3642 PUBLIC TRANS REVENUE FLEET CAPITAL						
Project Number	Project Name Class Code	Tech Adj	FY17-18	FY19-20	FY21-22	Total 6-Year Budget
1130169	TDC VANPOOL VEHICLE PURCHASE STANDALONE		\$14,710,525	\$21,079,000	\$21,108,000	\$56,897,525
1130286	TDC 40' HYBRID BUDGET PROGRAMMATIC		\$209,974,239	\$0	\$0	\$209,974,239
1130287	TDC 60' HYBRID BUDGET PROGRAMMATIC		\$297,499,452	\$49,507,043	\$101,067,200	\$448,073,695
1130288	TDC 60' TROLLEY BUDGET PROGRAMMATIC		\$21,481,596	\$0	\$0	\$21,481,596
1130289	TDC BATTERY BUS BUDGET PROGRAMMATIC		\$9,182,978	\$0	\$0	\$9,182,978
1130290	TDC ADA PARATR BUDGET PROGRAMMATIC		\$12,768,232	\$10,505,832	\$15,199,461	\$38,473,525
3642 - PUBLIC TRANS REVENUE FLEET CAPITAL		Total	\$565,617,022	\$81,091,875	\$137,374,661	\$784,083,558
3673 CRITICAL AREAS MITIGATION						
Project Number	Project Name Class Code	Tech Adj	FY17-18	FY19-20	FY21-22	Total 6-Year Budget
1047594	WLMR CAO MR MASTER STANDALONE		\$6,227,382	\$4,005,000	\$4,005,000	\$14,237,382
3673 - CRITICAL AREAS MITIGATION		Total	\$6,227,382	\$4,005,000	\$4,005,000	\$14,237,382
3681 REAL ESTATE EXCISE TX CAP						
Project Number	Project Name Class Code	Tech Adj	FY17-18	FY19-20	FY21-22	Total 6-Year Budget
1033532	PSB REET 1 TRANSFER TO 3160 STANDALONE		\$8,896,174	\$11,856,553	\$12,020,576	\$32,773,303
1033533	PSB REET 1 TRANSFER TO 3490 STANDALONE	✓	\$1,197	\$0	\$0	\$1,197

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Project Number	Project Name Class Code	Tech Adj	FY17-18 Appropriations	FY19-20 Planned	FY21-22 Planned	Total 6-Year Budget
1033534	PSB REET 1 DEBT SERVICE STANDALONE		\$1,175,230	\$256,935	\$257,375	\$1,689,540
1122223	PSB REET 1 TRANSFER TO 3581 STANDALONE		\$1,505,439	\$1,587,061	\$0	\$3,092,500
1130281	PSB REET 1 RSD TRANSFER STANDALONE		\$3,000,000	\$0	\$0	\$3,000,000
3681 - REAL ESTATE EXCISE TX CAP		Total	\$14,578,040	\$13,700,549	\$12,277,951	\$40,556,540
3682 REAL ESTATE EXCISE TX 2						
Project Number	Project Name Class Code	Tech Adj	FY17-18	FY19-20	FY21-22	Total 6-Year Budget
1033537	PSB REET 2 TRANSFER TO 3160 STANDALONE		\$5,455,971	\$5,818,791	\$8,946,477	\$20,221,239
1033538	PSB REET 2 TRANSFER TO 3490 STANDALONE	✓	\$2,992	\$0	\$0	\$2,992
1122224	PSB REET 2 TRANSFER TO 3581 STANDALONE		\$8,296,524	\$4,149,758	\$0	\$12,446,282
3682 - REAL ESTATE EXCISE TX 2		Total	\$13,755,487	\$9,968,549	\$8,946,477	\$32,670,513
3691 TRNSF OF DEV CREDIT PROG						
Project Number	Project Name Class Code	Tech Adj	FY17-18	FY19-20	FY21-22	Total 6-Year Budget
1033971	WLTD TDR BANK STANDALONE		\$20,719,433	\$6,043,723	\$1,832,676	\$28,595,832
1033976	WLTD TDR PROGRAM SUPPORT STANDALONE		\$350,589	\$370,869	\$393,455	\$1,114,913
3691 - TRNSF OF DEV CREDIT PROG		Total	\$21,070,022	\$6,414,592	\$2,226,131	\$29,710,745
3771 OIRM CAPITAL PROJECTS						
Project Number	Project Name Class Code	Tech Adj	FY17-18	FY19-20	FY21-22	Total 6-Year Budget
1123944	DOA PTAS STANDALONE		\$504,148	\$0	\$0	\$504,148

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1124170	DES FBOD CW Elec Pmt Imp Sppt STANDALONE		\$357,752	\$0	\$0	\$357,752
1124179	DES HRD Replacement of NeoGOV STANDALONE		\$763,938	\$0	\$0	\$763,938
1129348	DES RALS Records Mgmt Sys Upgd STANDALONE		\$1,393,685	\$0	\$0	\$1,393,685
1129465	KCEO Tabulation System Rplc STANDALONE		\$3,165,626	\$0	\$0	\$3,165,626
1129637	DCHS Physical Behav Hlth Int STANDALONE		\$4,930,146	\$0	\$0	\$4,930,146
1129638	DCHS PH Data Integration STANDALONE		\$2,714,136	\$0	\$0	\$2,714,136
1129703	DOT Fleet Vehicle Loc for NRV STANDALONE		\$1,781,050	\$0	\$0	\$1,781,050
1129762	DAJD DAN Phase III STANDALONE		\$1,052,755	\$0	\$0	\$1,052,755
1129763	DAJD Jail Management System STANDALONE		\$12,189,034	\$0	\$0	\$12,189,034
1129863	DES RALS Hire License Sys Col STANDALONE		\$166,500	\$0	\$0	\$166,500
1129910	PSB Hyperion Upgrade STANDALONE		\$1,108,081	\$0	\$0	\$1,108,081
1130197	KCSC ITA Court Video Improve STANDALONE		\$254,545	\$0	\$0	\$254,545
3771 - OIRM CAPITAL PROJECTS		Total	\$30,381,396	\$0	\$0	\$30,381,396
3781 ITS CAPITAL						
Project Number	Project Name Class Code	Tech Adj	FY17-18	FY19-20	FY21-22	Total 6-Year Budget
1047605	KCIT DSS REPLACEMENT		\$2,655,575	\$0	\$0	\$2,655,575

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	KCIT ITS Equipment Replacement					
1047610	KCIT WAN REPLACEMENT KCIT ITS Equipment Replacement		\$1,000,000	\$0	\$0	\$1,000,000
1129570	KCIT I-Net ER KCIT ITS Equipment Replacement		\$691,456	\$0	\$0	\$691,456
3781 - ITS CAPITAL		Total	\$4,347,031	\$0	\$0	\$4,347,031

3810 SW CAP EQUIP REPLACEMENT

Project Number	Project Name Class Code	Tech Adj	FY17-18	FY19-20	FY21-22	Total 6-Year Budget
1033485	SW CERP CAPITAL REPAIRS STANDALONE		\$2,400,000	\$3,400,000	\$3,400,000	\$9,200,000
1033487	SW CERP EQ REPLACEMNT PURCHASE STANDALONE		\$13,400,000	\$13,400,000	\$8,835,000	\$35,635,000
3810 - SW CAP EQUIP REPLACEMENT		Total	\$15,800,000	\$16,800,000	\$12,235,000	\$44,835,000

3840 FARMLAND & OPEN SPACE ACQ

Project Number	Project Name Class Code	Tech Adj	FY17-18	FY19-20	FY21-22	Total 6-Year Budget
1034868	WLR FARMLAND LEASE STANDALONE		\$75,093	\$0	\$0	\$75,093
3840 - FARMLAND & OPEN SPACE ACQ		Total	\$75,093	\$0	\$0	\$75,093

3855 COUNTY ROAD MAJOR MAINTENANCE

Project Number	Project Name Class Code	Tech Adj	FY17-18	FY19-20	FY21-22	Total 6-Year Budget
1129582	RSD EMERGENT NEED 3855 ADMIN		\$2,500,000	\$1,550,000	\$1,400,000	\$5,450,000
1129583	RSD GRANT CONTINGENCY 3855 ADMIN		\$10,000,000	\$0	\$0	\$10,000,000
1129584	RSD CWP QUICK RESPONSE PROGRAMMATIC		\$5,000,000	\$7,000,000	\$8,000,000	\$20,000,000
1129585	RSD CWP ROADWAY PRESERVATION PROGRAMMATIC		\$15,800,000	\$11,000,000	\$11,000,000	\$37,800,000

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Project Number	Project Name Class Code	Tech Adj	FY17-18 Appropriations	FY19-20 Planned	FY21-22 Planned	Total 6-Year Budget
	PROGRAMMATIC					
1129586	RSD CWP DRAINAGE PRESERVATION PROGRAMMATIC		\$7,000,000	\$6,000,000	\$6,000,000	\$19,000,000
1129587	RSD CWP GUARDRAIL PRESERVATION PROGRAMMATIC		\$4,800,000	\$2,950,000	\$0	\$7,750,000
1129588	RSD CWP BRIDGE PRIORITY MAINT PROGRAMMATIC		\$1,000,000	\$1,000,000	\$1,000,000	\$3,000,000
1129589	RSD CWP CLEAR ZONE SAFETY PROGRAMMATIC		\$1,000,000	\$1,600,000	\$1,600,000	\$4,200,000
1129590	RSD CWP HIGH COLLISION SAFETY PROGRAMMATIC		\$4,000,000	\$2,000,000	\$0	\$6,000,000
1129591	RSD CWP SCHOOL ZONE SAFETY PROGRAMMATIC		\$800,000	\$800,000	\$800,000	\$2,400,000
1129841	RSD CIP OVERSIGHT 3855 ADMIN		\$34,595	\$0	\$0	\$34,595
3855 - COUNTY ROAD MAJOR MAINTENANCE		Total	\$51,934,595	\$33,900,000	\$29,800,000	\$115,634,595

3865 KING COUNTY ROAD CONSTRUCTION

Project Number	Project Name Class Code	Tech Adj	FY17-18	FY19-20	FY21-22	Total 6-Year Budget
1129592	RSD EMERGENT NEED 3865 ADMIN		\$600,000	\$400,000	\$40,000	\$1,040,000
1129593	RSD GRANT CONTINGENCY 3865 ADMIN		\$5,000,000	\$0	\$0	\$5,000,000
1129594	RSD CWP GUARDRAIL CONSTRUCTION PROGRAMMATIC		\$1,350,000	\$1,350,000	\$850,000	\$3,550,000
1129595	RSD OLD CASCADE/MILLER BR WEST STANDALONE		\$2,300,000	\$0	\$0	\$2,300,000
1129596	RSD OLD CASCADE/MILLER BR EAST STANDALONE		\$2,750,000	\$0	\$0	\$2,750,000

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1129597	RSD ISS HBRT RD@CDR GROV RNDBT STANDALONE		\$0	\$3,000,000	\$0	\$3,000,000
1129598	RSD ISS HBRT RD@MAY VLLY RNDBT STANDALONE		\$0	\$3,000,000	\$0	\$3,000,000
1129599	RSD RENTON AVE PH III SIDEWALK STANDALONE		\$3,200,000	\$0	\$0	\$3,200,000
1129600	RSD HIGHLINE SCH DIST IMPRVMNT STANDALONE		\$5,250,000	\$0	\$0	\$5,250,000
1130260	RSD SW 108&8 AV SW ROUNDAABOUT STANDALONE		\$792,000	\$0	\$0	\$792,000
1130261	RSD SE176&SE171 WAY ROUNDAABOUT STANDALONE		\$340,000	\$0	\$0	\$340,000
1130303	RSD CIP OVERSIGHT 3865 ADMIN		\$14,093	\$0	\$0	\$14,093
3865 - KING COUNTY ROAD CONSTRUCTION		Total	\$21,596,093	\$7,750,000	\$890,000	\$30,236,093

3901 SOLID WASTE CONSTRUCTION

Project Number	Project Name Class Code	Tech Adj	FY17-18	FY19-20	FY21-22	Total 6-Year Budget
1033497	SW SOUTH COUNTY RECYCLING & TS STANDALONE		\$0	\$34,278,875	\$55,844,577	\$90,123,452
1033502	SW CH EQUIP WASH PLATFORM STANDALONE	✓	(\$1,611,291)	\$0	\$0	(\$1,611,291)
1033505	SW FAC CAPITAL PROJ CNTRL SPRT ADMIN		\$0	\$0	\$263,805	\$263,805
1033507	SW CONSTR CIP OVERSIGHT ADMIN		\$3,407	\$0	\$0	\$3,407
1116838	SW ENUMCLAW ENV CNTRL SYS MOD STANDALONE		\$553,247	\$0	\$0	\$553,247
1116840	SW VASHON ENV CNTRL SYS MOD		\$1,255,130	\$0	\$0	\$1,255,130

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	STANDALONE					
1124104	SW HOBART LF COVER & GAS CTRL STANDALONE		\$1,503,356	\$0	\$0	\$1,503,356
1124107	SW ALGONA TS DECONSTRUCT STANDALONE		\$0	\$22,620	\$2,115,190	\$2,137,810
1129849	SW PC DUVALL ENVIRON CTRL SYS STANDALONE		\$549,247	\$919,530	\$642,601	\$2,111,378
1129850	SW HARBOR ISLAND DOCK DEMO STANDALONE		\$1,869,209	\$1,422,939	\$0	\$3,292,148
1129851	SW PC PUY/KIT CNR ENV CTRL SYS STANDALONE		\$549,247	\$919,530	\$642,601	\$2,111,378
1129852	SW PC HOUGHTON ENV CTRL SYS STANDALONE		\$549,247	\$919,530	\$637,601	\$2,106,378
3901 - SOLID WASTE CONSTRUCTION		Total	\$5,220,799	\$38,483,024	\$60,146,375	\$103,850,198
3910 LANDFILL RESERVE						
Project Number	Project Name Class Code	Tech Adj	FY17-18	FY19-20	FY21-22	Total 6-Year Budget
1033516	SW CH REV SITE DEV PLAN STANDALONE		\$405,128	\$0	\$0	\$405,128
1033542	SW CH AREA 7 CLOSURE STANDALONE		\$7,035,071	\$19,176,572	\$482,147	\$26,693,790
1033543	SW CH GW MONITORING WELLS STANDALONE	✓	(\$35,967)	\$0	\$0	(\$35,967)
1033547	SW LFR CAPITAL PROJ CNTRL SPRT ADMIN		\$0	\$556,817	\$528,628	\$1,085,445
1033548	SW LFR CIP OVERSIGHT ADMIN		\$32,503	\$0	\$0	\$32,503
1112415	CH AREA 8 CLOSURE STANDALONE		\$0	\$1,071,233	\$15,362,727	\$16,433,960

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1115992	SW A8 DEV/FACILITY RELOCATION STANDALONE		\$37,046,951	\$0	\$0	\$37,046,951
1129844	SW CHRLF PUMP STN REPAIR STANDALONE		\$3,130,475	\$0	\$0	\$3,130,475
1129847	SW CHRLF N FLARE STATION REHAB STANDALONE		\$1,667,722	\$5,000	\$0	\$1,672,722
1129848	SW CHRLF AREA 5 TOP DECK STANDALONE		\$482,223	\$11,261,738	\$11,665,317	\$23,409,278
3910 - LANDFILL RESERVE		Total	\$49,764,106	\$32,071,360	\$28,038,819	\$109,874,285
3951 BLDG REPAIR/REPL SUBFUND						
Project Number	Project Name Class Code	Tech Adj	FY17-18	FY19-20	FY21-22	Total 6-Year Budget
1040874	DES FMD CAPITAL PRJCT OVERSGHT ADMIN		\$8,779	\$0	\$0	\$8,779
1116719	DES FMD DC SECURITY VESTIBULES STANDALONE		(\$176,668)	\$0	\$0	(\$176,668)
1117106	DES FMD Child/Fam Justice Ctr STANDALONE		\$0	\$0	\$0	\$0
1121771	DES FMD PRELIM & DESIGN PROGRAMMATIC			\$2,100,000	\$2,200,000	\$4,300,000
1122048	DES FMD AFIS PROP MGMT UNIT PL STANDALONE		\$8,918,530	\$0	\$0	\$8,918,530
1124148	DES FMD ASSET MANGMNT SYS STANDALONE		\$2,434,648	\$0	\$0	\$2,434,648
1124441	DES FMD RESOURC CONSERV GRANTS PROGRAMMATIC		(\$605,000)	\$0	\$0	(\$605,000)
1125015	DES FMD YESLER BR UTIL RELOC STANDALONE		\$468,333	\$0	\$0	\$468,333

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1129041	DES FMD MRJC SOLAR ENERGY STANDALONE		\$866,665	\$0	\$0	\$866,665
1129759	DES FMD PH COLUMBIA DENTAL CLI STANDALONE		\$372,286	\$0	\$0	\$372,286
1129760	DES FMD PH NORTH DENTAL CLINIC STANDALONE		\$376,571	\$0	\$0	\$376,571
1129769	DES FMD BULLET PROOF GLASS STANDALONE		\$223,176	\$0	\$0	\$223,176
1129773	DES FMD ADMIN BLDG SECURITY STANDALONE		\$96,628	\$0	\$0	\$96,628
1129781	DES FMD GENDER NEUTRAL RESTRMS STANDALONE		\$66,000	\$0	\$0	\$66,000
1129783	DES FMD WELLNESS ROOM STANDALONE		\$69,067	\$0	\$0	\$69,067
1130262	DES FMD KCSO S RANGE REMIATN STANDALONE		\$324,349	\$0	\$0	\$324,349
1130313	DES FMD CIVIC CAMPUS PLANNING STANDALONE		\$687,232	\$0	\$0	\$687,232
3951 - BLDG REPAIR/REPL SUBFUND		Total	\$14,130,596	\$2,100,000	\$2,200,000	\$18,430,596
Grand Total			\$2,367,525,667	\$1,269,014,501	\$1,300,900,412	\$4,937,440,580



King County

2017-2018 CIP APPENDIX EXECUTIVE PROPOSED BIENNIAL BUDGET TABLE OF CONTENTS

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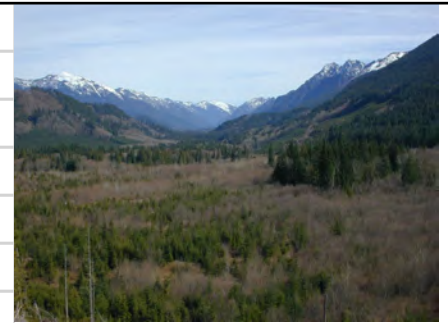
Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WLCF CFL PROGRAM SUPPORT

1047152

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3151 CONSERV FUTURES SUB-FUND
Class Code	STANDALONE
Substantial Completion	
Location	Not Applicable
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/01/13 - 12/31/20	\$457,242	\$349,418	\$369,631	\$392,142	\$1,568,433
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$91,094	\$0	\$0	\$0	\$91,094
4 Implementation	\$136,412	\$0	\$0	\$0	\$136,412
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$989,834	\$0	\$0	\$0	\$989,834
Total Budget	\$1,674,582	\$349,418	\$369,631	\$392,142	\$2,785,773

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31117 - CONSERV FUTURE LEVY CURRENT	\$349,418	\$0	\$0	\$349,418
Total Revenue	\$349,418	\$0	\$0	\$349,418

EXPENSE

WLCF CFL PROGRAM SUPPORT

1047152

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$30	\$109,345	\$365,347	\$410,054	\$461,519	\$1,346,295
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$60	\$0	(\$15,929)	(\$40,423)	(\$69,377)	(\$125,669)
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$1,565,147	\$0	\$0	\$0	\$0	\$1,565,147
Total Expense	\$1,565,237	\$109,345	\$349,418	\$369,631	\$392,142	\$2,785,773

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$30	\$457,242	\$109,375
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$91,094	\$0
4 Implementation	\$0	\$0	\$60	\$136,412	\$60
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$1,565,147	\$989,834	\$1,565,147
Total	\$0	\$0	\$1,565,237	\$1,674,582	\$1,674,582

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$347,867	\$349,418	\$365,347	\$331,938
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$91,094	\$0	\$0	\$91,094
4 Implementation	\$136,352	\$0	(\$15,929)	\$152,281
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	(\$575,313)	\$0	\$0	(\$575,313)
Total	\$0	\$349,418	\$349,418	\$0

NARRATIVES

WLCF CFL PROGRAM SUPPORT

1047152

Current Scope

Conservation Futures Levy Program Support - This project provides for ongoing program management support to the Conservation Futures Program. This includes preparation of Interlocal agreements with cities, review of reimbursement requests from cities, staffing the Conservation Futures Citizen Committee, review and preparation of legislation and other land acquisition related support.

Project Justification

Necessary coordination between King County, City of Seattle, Suburban Cities and CFT Citizens Committee.

Budget Request Basis

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive by July 1st each year, in accordance with Ordinance 14714. Recommended by the Conservation Futures Citizens Committee.

Project Status

Ongoing.

Alternatives Analysis

Alternatives considered are: Single Alternative.

Funding and Revenue Discussion

This project is funded by the Conservation Futures Levy.

Other Agency Involvement

N/A

Art Eligibility

No. No, this project is not eligible for 1% Art. Project is for real estate acquisition only.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WLCF CFL PROGRAM SUPPORT

1047152

Equity and Social Justice Impact

This project will provide public green space accessible to the general public, preserve or enhance health, and/or provide a scenic amenity from a public park, open space or right of way. There is no negative impact to an underserved community.

Strategic Climate Action Plan Alignment

Conservation Futures urban and rural open space acquisition projects help King County meet its 2015 Strategic Climate Action Plan (SCAP) goals within 30 years. The projects help King County and its cities meet countywide GHG emissions reduction targets and adequately prepare for the impacts of climate change through permanently conserving remaining high-priority farm, forest, and other open spaces. Climate change response benefits of CFT-funded open space acquisitions include reduced trip distances by providing close-to-home open spaces; the capture of CO2 emissions in trees and other site vegetation; and reducing anticipated future flooding impacts through preserving or increasing flood storage capacity.

Operating Budget Impacts

No operating impact.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WLCF KC TOLT RVR NATRL AREA

1047186

Department	NATURAL RESOURCES AND PARKS
Council District(s)	3
Fund	3151 CONSERV FUTURES SUB-FUND
Class Code	STANDALONE
Substantial Completion	
Location	Along the north side of the Tolt River immediately east of the Snoqualmie Valley Regional Trail, within the City of Carnation on its eastern edge..
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$793,810	\$200,000	\$0	\$0	\$993,810
Total Budget	\$793,810	\$200,000	\$0	\$0	\$993,810

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31117 - CONSERV FUTURE LEVY CURRENT	\$200,000	\$0	\$0	\$200,000
Total Revenue	\$200,000	\$0	\$0	\$200,000

EXPENSE

WLCF KC TOLT RVR NATRL AREA

1047186

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$6,000)	\$0	\$0	(\$6,000)
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$652,009	\$40,000	\$206,000	\$0	\$0	\$898,009
Total Expense	\$652,009	\$40,000	\$200,000	\$0	\$0	\$892,009

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$652,009	\$793,810	\$692,009
Total	\$0	\$0	\$652,009	\$793,810	\$692,009

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$6,000)	\$6,000
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$101,801	\$200,000	\$206,000	\$95,801
Total	\$101,801	\$200,000	\$200,000	\$101,801

NARRATIVES

WLCF KC TOLT RVR NATRL AREA

1047186

Current Scope

King County Tolt River Natural Area - This project will acquire critical salmon habitat for protection and future restoration, between the Tolt River and Tolt River Road, east of Carnation.

Project Justification

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive mid July each year in accordance with Ordinance 14714.

Budget Request Basis

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive by July 1st each year, in accordance with Ordinance 14714. Recommended by the Conservation Futures Citizens Committee.

Project Status

Property will be appraised, offer of contract made to landowner, if negotiations are successful the contract closes and property is acquired. There is a goal of two years to complete an open space acquisition, after which, project proponents request extensions that the Conservation Futures Citizen Committee reviews and makes recommendations on to Executive and Council.

Alternatives Analysis

Alternative would be to abandon project, however that would be unwarranted, because there are willing sellers.

Funding and Revenue Discussion

This project is funded by the Conservation Futures Levy.

Other Agency Involvement

City of Carnation.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WLCF KC TOLT RVR NATRL AREA

1047186

Art Eligibility

No. This project is not eligible for 1% Art. Project is for real estate acquisitions only.

Equity and Social Justice Impact

This project will provide public green space accessible to the general public, preserve or enhance environmental health, and/or provide a scenic amenity from a public park, open space or right of way. There is no negative impact to an underserved community.

Strategic Climate Action Plan Alignment

Conservation Futures urban and rural open space acquisition projects help King County meet its 2015 Strategic Climate Action Plan (SCAP) goals within 30 years. The projects help King County and its cities meet countywide GHG emissions reduction targets and adequately prepare for the impacts of climate change through permanently conserving remaining high-priority farm, forest, and other open spaces. Climate change response benefits of CFT-funded open space acquisitions include reduced trip distances by providing close-to-home open spaces; the capture of CO2 emissions in trees and other site vegetation; and reducing anticipated future flooding impacts through preserving or increasing flood storage capacity.

Operating Budget Impacts

No operating impact.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WLCF LWR CDR R CNSRVTN ARA

1047194

Department	NATURAL RESOURCES AND PARKS
Council District(s)	9
Fund	3151 CONSERV FUTURES SUB-FUND
Class Code	STANDALONE
Substantial Completion	
Location	South of State Route 169, east of Maple Valley, along the Cedar River.
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition 01/01/14 - 12/31/14	\$1,107,189	\$50,000	\$0	\$0	\$1,157,189
Total Budget	\$1,107,189	\$50,000	\$0	\$0	\$1,157,189

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31117 - CONSERV FUTURE LEVY CURRENT	\$50,000	\$0	\$0	\$50,000
Total Revenue	\$50,000	\$0	\$0	\$50,000

EXPENSE

WLCF LWR CDR R CNSRVTN ARA

1047194

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$1,500)	\$0	\$0	(\$1,500)
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$1,095,760	\$0	\$51,500	\$0	\$0	\$1,147,260
Total Expense	\$1,095,760	\$0	\$50,000	\$0	\$0	\$1,145,760

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$1,095,760	\$1,107,189	\$1,095,760
Total	\$0	\$0	\$1,095,760	\$1,107,189	\$1,095,760

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$1,500)	\$1,500
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$11,429	\$50,000	\$51,500	\$9,929
Total	\$11,429	\$50,000	\$50,000	\$11,429

NARRATIVES

WLCF LWR CDR R CNSRVTN ARA

1047194

Current Scope

Lower Cedar River Conservation Area - This is a multiple year, multiple parcel open space and salmon habitat acquisition project in the lower Cedar River corridor east of Renton.

Project Justification

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive by July 1st each year, in accordance with Ordinance 14714.

Budget Request Basis

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive by July 1st each year, in accordance with Ordinance 14714. Recommended by the Conservation Futures Citizens Committee.

Project Status

Property will be appraised, offer of contract made to landowner, if negotiations are successful the contract closes and property is acquired. There is a goal of two years to complete an open space acquisition, after which, project proponents request extensions that the Conservation Futures Citizen Committee reviews and makes recommendations on to Executive and Council.

Alternatives Analysis

Alternative would be to abandon project, however that would be unwarranted, because there are willing sellers.

Funding and Revenue Discussion

This project is funded by the Conservation Futures Levy.

Other Agency Involvement

NA

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WLCF LWR CDR R CNSRVTN ARA

1047194

Art Eligibility

No. This project is not eligible for 1% Art. Project is for real estate acquisitions only.

Equity and Social Justice Impact

This project will provide public green space accessible to the general public, preserve or enhance environmental health, and/or provide a scenic amenity from a public park, open space or right of way. There is no negative impact to an underserved community.

Strategic Climate Action Plan Alignment

Conservation Futures urban and rural open space acquisition projects help King County meet its 2015 Strategic Climate Action Plan (SCAP) goals within 30 years. The projects help King County and its cities meet countywide GHG emissions reduction targets and adequately prepare for the impacts of climate change through permanently conserving remaining high-priority farm, forest, and other open spaces. Climate change response benefits of CFT-funded open space acquisitions include reduced trip distances by providing close-to-home open spaces; the capture of CO2 emissions in trees and other site vegetation; and reducing anticipated future flooding impacts through preserving or increasing flood storage capacity.

Operating Budget Impacts

No operating impact.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WLCF COUG-SQUAK CORIDR ADD

1047196

Department	NATURAL RESOURCES AND PARKS
Council District(s)	9
Fund	3151 CONSERV FUTURES SUB-FUND
Class Code	STANDALONE
Substantial Completion	
Location	On the northwest side of Squak Mountain, along State Route 900 (Renton-Issaquah Road)
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition 01/01/14 - 12/31/18	\$1,319,583	\$250,000	\$0	\$0	\$1,569,583
Total Budget	\$1,319,583	\$250,000	\$0	\$0	\$1,569,583

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31117 - CONSERV FUTURE LEVY CURRENT	\$250,000	\$0	\$0	\$250,000
Total Revenue	\$250,000	\$0	\$0	\$250,000

EXPENSE

WLCF COUG-SQUAK CORIDR ADD

1047196

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$7,500)	\$0	\$0	(\$7,500)
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$1,319,583	\$0	\$257,500	\$0	\$0	\$1,577,083
Total Expense	\$1,319,583	\$0	\$250,000	\$0	\$0	\$1,569,583

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$1,319,583	\$1,319,583	\$1,319,583
Total	\$0	\$0	\$1,319,583	\$1,319,583	\$1,319,583

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$7,500)	\$7,500
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$250,000	\$257,500	(\$7,500)
Total	\$0	\$250,000	\$250,000	\$0

NARRATIVES

WLCF COUG-SQUAK CORIDR ADD

1047196

Current Scope

Cougar-Squak Corridor Addition - This project is located on the northwest side of Squak Mountain, east of State Route 900 (Renton-Issaquah Road). It has a goal of connecting Cougar Mountain and Squak Mountain, from Squak Mountain State Park to Cougar Mountain Regional Wildland Park.

Project Justification

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive by July 1st each year, in accordance with Ordinance 14714.

Budget Request Basis

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive by July 1st each year, in accordance with Ordinance 14714. Recommended by the Conservation Futures Citizens Committee.

Project Status

Property will be appraised, offer of contract made to landowner, if negotiations are successful the contract closes and property is acquired. There is a goal of two years to complete an open space acquisition, after which, project proponents request extensions that the Conservation Futures Citizen Committee reviews and makes recommendations on to Executive and Council.

Alternatives Analysis

Alternative would be to abandon project, however that would be unwarranted, because there are willing sellers

Funding and Revenue Discussion

This project is funded by the Conservation Futures Levy.

Other Agency Involvement

NA

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WLCF COUG-SQUAK CORIDR ADD

1047196

Art Eligibility

No. This project is not eligible for 1% Art. Project is for real estate acquisitions only.

Equity and Social Justice Impact

This project will provide public green space accessible to the general public, preserve or enhance environmental health, and/or provide a scenic amenity from a public park, open space or right of way. There is no negative impact to an underserved community.

Strategic Climate Action Plan Alignment

Conservation Futures urban and rural open space acquisition projects help King County meet its 2015 Strategic Climate Action Plan (SCAP) goals within 30 years. The projects help King County and its cities meet countywide GHG emissions reduction targets and adequately prepare for the impacts of climate change through permanently conserving remaining high-priority farm, forest, and other open spaces. Climate change response benefits of CFT-funded open space acquisitions include reduced trip distances by providing close-to-home open spaces; the capture of CO2 emissions in trees and other site vegetation; and reducing anticipated future flooding impacts through preserving or increasing flood storage capacity.

Operating Budget Impacts

No operating impact.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status: Approved

WLCF TDR PROGRAM SUPPORT

1047220

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3151 CONSERV FUTURES SUB-FUND
Class Code	STANDALONE
Substantial Completion	
Location	Not applicable
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/01/13 - 12/31/19	\$252,339	\$142,983	\$151,253	\$160,465	\$707,040
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$72,726	\$0	\$0	\$0	\$72,726
4 Implementation	\$143,771	\$0	\$0	\$0	\$143,771
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$281,508	\$0	\$0	\$0	\$281,508
Total Budget	\$750,344	\$142,983	\$151,253	\$160,465	\$1,205,045

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31117 - CONSERV FUTURE LEVY CURRENT	\$142,983	\$151,253	\$160,465	\$454,701
Total Revenue	\$142,983	\$151,253	\$160,465	\$454,701

EXPENSE

WLCF TDR PROGRAM SUPPORT

1047220

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$85,645	\$148,917	\$167,794	\$188,854	\$591,210
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$67	\$0	\$0	\$0	\$0	\$67
4 Implementation	\$0	\$0	(\$5,934)	(\$16,541)	(\$28,389)	(\$50,864)
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$569,844	\$0	\$0	\$0	\$0	\$569,844
Total Expense	\$569,912	\$85,645	\$142,983	\$151,253	\$160,465	\$1,110,258

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$252,339	\$85,645
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$67	\$72,726	\$67
4 Implementation	\$0	\$0	\$0	\$143,771	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$569,844	\$281,508	\$569,844
Total	\$0	\$0	\$569,911	\$750,344	\$655,556

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$166,694	\$142,983	\$148,917	\$160,760
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$72,659	\$0	\$0	\$72,659
4 Implementation	\$143,771	\$0	(\$5,934)	\$149,705
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	(\$288,336)	\$0	\$0	(\$288,336)
Total	\$94,788	\$142,983	\$142,983	\$94,788

NARRATIVES

WLCF TDR PROGRAM SUPPORT

1047220

Current Scope

Transfer Development Rights Program Support - Administration and management of open space acquisitions and sales of Transfer Development Rights credits in support of the Conservation Futures program goals.

Project Justification

Helps the King County Conservation Futures program meet its goal of acquiring rural and open space lands.

Budget Request Basis

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive by July 1st each year, in accordance with Ordinance 14714. Recommended by the Conservation Futures Citizens Committee.

Project Status

Ongoing.

Alternatives Analysis

Alternatives considered are: Single Alternative.

Funding and Revenue Discussion

This project is funded by the Conservation Futures Levy.

Other Agency Involvement

N/A

Art Eligibility

No. Programmatic and administrative costs only

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WLCF TDR PROGRAM SUPPORT

1047220

Equity and Social Justice Impact

This project will provide public green space accessible to the general public, preserve or enhance health, and/or provide a scenic amenity from a public park, open space or right of way. There is no negative impact to an underserved community.

Strategic Climate Action Plan Alignment

Conservation Futures urban and rural open space acquisition projects help King County meet its 2015 Strategic Climate Action Plan (SCAP) goals within 30 years. The projects help King County and its cities meet countywide GHG emissions reduction targets and adequately prepare for the impacts of climate change through permanently conserving remaining high-priority farm, forest, and other open spaces. Climate change response benefits of CFT-funded open space acquisitions include reduced trip distances by providing close-to-home open spaces; the capture of CO2 emissions in trees and other site vegetation; and reducing anticipated future flooding impacts through preserving or increasing flood storage capacity.

Operating Budget Impacts

No operating impact.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status: Approved

WLCF SNO - SNO RVRFRNT RCH

1047226

Department	NATURAL RESOURCES AND PARKS
Council District(s)	3
Fund	3151 CONSERV FUTURES SUB-FUND
Class Code	STANDALONE
Substantial Completion	
Location	On SE Park Street and Park Avenue SE, along the Snoqualmie River, in Snoqualmie.
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition 01/01/14 - 12/31/15	\$1,110,000	\$150,000	\$0	\$0	\$1,260,000
Total Budget	\$1,110,000	\$150,000	\$0	\$0	\$1,260,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31117 - CONSERV FUTURE LEVY CURRENT	\$150,000	\$0	\$0	\$150,000
Total Revenue	\$150,000	\$0	\$0	\$150,000

EXPENSE

WLCF SNO - SNO RVRFRNT RCH

1047226

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$4,500)	\$0	\$0	(\$4,500)
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$825,910	\$150,000	\$154,500	\$0	\$0	\$1,130,410
Total Expense	\$825,910	\$150,000	\$150,000	\$0	\$0	\$1,125,910

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$825,910	\$1,110,000	\$975,910
Total	\$0	\$0	\$825,910	\$1,110,000	\$975,910

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$4,500)	\$4,500
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$134,090	\$150,000	\$154,500	\$129,590
Total	\$134,090	\$150,000	\$150,000	\$134,090

NARRATIVES

WLCF SNO - SNO RVRFRNT RCH

1047226

Current Scope

Snoqualmie Riverfront Reach - This is a multiple-parcel, multi-year project to acquire riverfront open space properties along the Snoqualmie River in Snoqualmie.

Project Justification

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive by July 1st each year, in accordance with Ordinance 14714.

Budget Request Basis

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive by July 1st each year, in accordance with Ordinance 14714. Recommended by the Conservation Futures Citizens Committee.

Project Status

Property will be appraised, offer of contract made to landowner, if negotiations are successful the contract closes and property is acquired. There is a goal of two years to complete an open space acquisition, after which, project proponents request extensions that the Conservation Futures Citizen Committee reviews and makes recommendations on to Executive and Council.

Alternatives Analysis

Alternative would be to abandon project, however that would be unwarranted, because there are willing sellers

Funding and Revenue Discussion

This project is funded by the Conservation Futures Levy.

Other Agency Involvement

City of Snoqualmie and King Count Flood District. Additional matching funding from other agency funds

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WLCF SNO - SNO RVRFRNT RCH

1047226

Art Eligibility

No. This project is not eligible for 1% Art. Project is for real estate acquisitions only.

Equity and Social Justice Impact

This project will provide public green space accessible to the general public, preserve or enhance environmental health, and/or provide a scenic amenity from a public park, open space or right of way.

Strategic Climate Action Plan Alignment

Conservation Futures urban and rural open space acquisition projects help King County meet its 2015 Strategic Climate Action Plan (SCAP) goals within 30 years. The projects help King County and its cities meet countywide GHG emissions reduction targets and adequately prepare for the impacts of climate change through permanently conserving remaining high-priority farm, forest, and other open spaces. Climate change response benefits of CFT-funded open space acquisitions include reduced trip distances by providing close-to-home open spaces; the capture of CO2 emissions in trees and other site vegetation; and reducing anticipated future flooding impacts through preserving or increasing flood storage capacity.

Operating Budget Impacts

No operating impact.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WLCF BEL BELLEVUE GRNWX&OS

1047227

Department	NATURAL RESOURCES AND PARKS
Council District(s)	6
Fund	3151 CONSERV FUTURES SUB-FUND
Class Code	STANDALONE
Substantial Completion	
Location	SE Lake Washington Blvd., south of 116th Avenue, in south Bellevue
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition 01/14/13 - 12/31/19	\$6,199,000	\$397,500	\$0	\$0	\$6,596,500
Total Budget	\$6,199,000	\$397,500	\$0	\$0	\$6,596,500

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31117 - CONSERV FUTURE LEVY CURRENT	\$397,500	\$0	\$0	\$397,500
Total Revenue	\$397,500	\$0	\$0	\$397,500

EXPENSE

WLCF BEL BELLEVUE GRNWX&OS

1047227

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$11,925)	\$0	\$0	(\$11,925)
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$2,059,213	\$500,000	\$409,425	\$0	\$0	\$2,968,638
Total Expense	\$2,059,213	\$500,000	\$397,500	\$0	\$0	\$2,956,713

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$2,059,213	\$6,199,000	\$2,559,213
Total	\$0	\$0	\$2,059,213	\$6,199,000	\$2,559,213

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$11,925)	\$11,925
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$3,639,787	\$397,500	\$409,425	\$3,627,862
Total	\$3,639,787	\$397,500	\$397,500	\$3,639,787

NARRATIVES

WLCF BEL BELLEVUE GRNWY&OS

1047227

Current Scope

Bellevue Greenway and Open Space System - This is a multiple-parcel, multiple-year open space acquisition project, which will acquire additional open space parcels identified in the City of Bellevue's Greenways and Open Space System..

Project Justification

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive by July 1st each year, in accordance with Ordinance 14714.

Budget Request Basis

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive by July 1st each year, in accordance with Ordinance 14714. Recommended by the Conservation Futures Citizens Committee.

Project Status

Property will be appraised, offer of contract made to landowner, if negotiations are successful the contract closes and property is acquired. There is a goal of two years to complete an open space acquisition, after which, project proponents request extensions that the Conservation Futures Citizen Committee reviews and makes recommendations on to Executive and Council.

Alternatives Analysis

Alternative would be to abandon project, however that would be unwarranted, because there are willing sellers.

Funding and Revenue Discussion

This project is funded by the Conservation Futures Levy.

Other Agency Involvement

City of Bellevue Parks Dept. Additional matching funding from other agency funds

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WLCF BEL BELLEVUE GRNWY&OS

1047227

Art Eligibility

No. This project is not eligible for 1% Art. Project is for real estate acquisitions only.

Equity and Social Justice Impact

This project will provide public green space accessible to the general public, preserve or enhance environmental health, and/or provide a scenic amenity from a public park, open space or right of way. There is no negative impact to an underserved community.

Strategic Climate Action Plan Alignment

Conservation Futures urban and rural open space acquisition projects help King County meet its 2015 Strategic Climate Action Plan (SCAP) goals within 30 years. The projects help King County and its cities meet countywide GHG emissions reduction targets and adequately prepare for the impacts of climate change through permanently conserving remaining high-priority farm, forest, and other open spaces. Climate change response benefits of CFT-funded open space acquisitions include reduced trip distances by providing close-to-home open spaces; the capture of CO2 emissions in trees and other site vegetation; and reducing anticipated future flooding impacts through preserving or increasing flood storage capacity.

Operating Budget Impacts

No operating impact.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status: Approved

WLCF ISS-ISSAQUH CRK WTRWY

1047228

Department	NATURAL RESOURCES AND PARKS
Council District(s)	3
Fund	3151 CONSERV FUTURES SUB-FUND
Class Code	STANDALONE
Substantial Completion	
Location	Multiple property parcels along the main stem of Issaquah Creek, in Issaquah
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition 01/14/14 - 12/14/18	\$2,200,000	\$200,000	\$0	\$0	\$2,400,000
Total Budget	\$2,200,000	\$200,000	\$0	\$0	\$2,400,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31117 - CONSERV FUTURE LEVY CURRENT	\$200,000	\$0	\$0	\$200,000
Total Revenue	\$200,000	\$0	\$0	\$200,000

EXPENSE

WLCF ISS-ISSAQUH CRK WTRWY

1047228

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$6,000)	\$0	\$0	(\$6,000)
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$1,451,273	\$200,000	\$206,000	\$0	\$0	\$1,857,273
Total Expense	\$1,451,273	\$200,000	\$200,000	\$0	\$0	\$1,851,273

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$1,451,273	\$2,200,000	\$1,651,273
Total	\$0	\$0	\$1,451,273	\$2,200,000	\$1,651,273

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$6,000)	\$6,000
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$548,727	\$200,000	\$206,000	\$542,727
Total	\$548,727	\$200,000	\$200,000	\$548,727

NARRATIVES

WLCF ISS-ISSAQUH CRK WTRWY

1047228

Current Scope

Issaquah Creek Waterways - This multi-year, multi-parcel acquisition project will acquire property along Issaquah Creek in the City of Issaquah, with a goal of preserving critical streamside habitat. 2015: Eight properties along Issaquah Creek are added to the project scope to help further the project goals. These same parcels will be included in Issaquah's application for additional CFT funds later in 2015.

Project Justification

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive mid July each year in accordance with Ordinance 14714.

Budget Request Basis

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive by July 1st each year, in accordance with Ordinance 14714. Recommended by the Conservation Futures Citizens Committee.

Project Status

Property will be appraised, offer of contract made to landowner, if negotiations are successful the contract closes and property is acquired. There is a goal of two years to complete an open space acquisition, after which, project proponents request extensions that the Conservation Futures Citizen Committee reviews and makes recommendations on to Executive and Council.

Alternatives Analysis

Alternative would be to abandon project, however that would be unwarranted, because there are willing sellers.

Funding and Revenue Discussion

This project is funded by the Conservation Futures Levy.

Other Agency Involvement

City of Issaquah. Additional matching funding from other agency funds

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WLCF ISS-ISSAQUH CRK WTRWY

1047228

Art Eligibility

No. This project is not eligible for 1% Art. Project is for real estate acquisitions only.

Equity and Social Justice Impact

This project will provide public green space accessible to the general public, preserve or enhance environmental health, and/or provide a scenic amenity from a public park, open space or right of way.

Strategic Climate Action Plan Alignment

Conservation Futures urban and rural open space acquisition projects help King County meet its 2015 Strategic Climate Action Plan (SCAP) goals within 30 years. The projects help King County and its cities meet countywide GHG emissions reduction targets and adequately prepare for the impacts of climate change through permanently conserving remaining high-priority farm, forest, and other open spaces. Climate change response benefits of CFT-funded open space acquisitions include reduced trip distances by providing close-to-home open spaces; the capture of CO2 emissions in trees and other site vegetation; and reducing anticipated future flooding impacts through preserving or increasing flood storage capacity.

Operating Budget Impacts

No operating impact.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status: Approved

WLCF KC Patterson Creek

1113919

Department	NATURAL RESOURCES AND PARKS
Council District(s)	3
Fund	3151 CONSERV FUTURES SUB-FUND
Class Code	STANDALONE
Substantial Completion	
Location	North Sammamish plateau, south of Redmond-Fall City Road near 250th Avenue NE.
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition 01/14/13 - 12/14/18	\$1,292,071	\$25,000	\$0	\$0	\$1,317,071
Total Budget	\$1,292,071	\$25,000	\$0	\$0	\$1,317,071

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31117 - CONSERV FUTURE LEVY CURRENT	\$25,000	\$0	\$0	\$25,000
Total Revenue	\$25,000	\$0	\$0	\$25,000

EXPENSE

WLCF KC Patterson Creek

1113919

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$750)	\$0	\$0	(\$750)
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$756,203	\$0	\$25,750	\$0	\$0	\$781,953
Total Expense	\$756,203	\$0	\$25,000	\$0	\$0	\$781,203

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$756,203	\$1,292,071	\$756,203
Total	\$0	\$0	\$756,203	\$1,292,071	\$756,203

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$750)	\$750
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$535,868	\$25,000	\$25,750	\$535,118
Total	\$535,868	\$25,000	\$25,000	\$535,868

NARRATIVES

WLCF KC Patterson Creek

1113919

Current Scope

King County Patterson Creek - This project will acquire forest and habitat land within a 178-acre area to conserve water quality, upland wildlife and salmonid habitat in the headwaters of Patterson Creek. The project is located near 250th Avenue NE, northeast of the City of Sammamish. The first acquisition priority is up to 160 forested acres owned by the State of Washington Department of Natural Resources (DNR).

Project Justification

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive mid July each year in accordance with Ordinance 14714.

Budget Request Basis

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive by July 1st each year, in accordance with Ordinance 14714. Recommended by the Conservation Futures Citizens Committee.

Project Status

Property will be appraised, offer of contract made to landowner, if negotiations are successful the contract closes and property is acquired. There is a goal of two years to complete an open space acquisition, after which, project proponents request extensions that the Conservation Futures Citizen Committee reviews and makes recommendations on to Executive and Council.

Alternatives Analysis

Alternative would be to abandon project, however that would be unwarranted, because there are willing sellers

Funding and Revenue Discussion

This project is funded by the Conservation Futures Levy.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	WLCF KC Patterson Creek	1113919
Other Agency Involvement		
N/A		
Art Eligibility		
No. This project is not eligible for 1% Art. Project is for real estate acquisitions only.		
Equity and Social Justice Impact		
This project will provide public green space accessible to the general public, preserve or enhance environmental health, and/or provide a scenic amenity from a public park, open space or right of way. There is no negative impact to an underserved community.		
Strategic Climate Action Plan Alignment		
Conservation Futures urban and rural open space acquisition projects help King County meet its 2015 Strategic Climate Action Plan (SCAP) goals within 30 years. The projects help King County and its cities meet countywide GHG emissions reduction targets and adequately prepare for the impacts of climate change through permanently conserving remaining high-priority farm, forest, and other open spaces. Climate change response benefits of CFT-funded open space acquisitions include reduced trip distances by providing close-to-home open spaces; the capture of CO2 emissions in trees and other site vegetation; and reducing anticipated future flooding impacts through preserving or increasing flood storage capacity.		
Operating Budget Impacts		
No operating impact.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status: Approved

WLCF KC TDR Active Farmland

1116223

Department	NATURAL RESOURCES AND PARKS
Council District(s)	3, 7, 9
Fund	3151 CONSERV FUTURES SUB-FUND
Class Code	STANDALONE
Substantial Completion	
Location	Farms in the Enumclaw, Green and Snoqualmie Agricultural Production Districts APDs.
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition 01/12/13 - 12/31/18	\$843,000	\$300,000	\$0	\$0	\$1,143,000
Total Budget	\$843,000	\$300,000	\$0	\$0	\$1,143,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31117 - CONSERV FUTURE LEVY CURRENT	\$300,000	\$0	\$0	\$300,000
Total Revenue	\$300,000	\$0	\$0	\$300,000

EXPENSE

WLCF KC TDR Active Farmland

1116223

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$9,000)	\$0	\$0	(\$9,000)
5 Closeout	\$795,225	\$0	\$0	\$0	\$0	\$795,225
6 Acquisition	\$15,165	\$32,609	\$309,000	\$0	\$0	\$356,774
Total Expense	\$810,391	\$32,609	\$300,000	\$0	\$0	\$1,143,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$795,225	\$0	\$795,225
6 Acquisition	\$0	\$0	\$15,165	\$843,000	\$47,774
Total	\$0	\$0	\$810,390	\$843,000	\$842,999

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$9,000)	\$9,000
5 Closeout	(\$795,225)	\$0	\$0	(\$795,225)
6 Acquisition	\$795,226	\$300,000	\$309,000	\$786,226
Total	\$1	\$300,000	\$300,000	\$1

NARRATIVES

WLCF KC TDR Active Farmland

1116223

Current Scope

Transfer Development Rights Active Farmland - This project will acquire Transferable Development Rights (TDRs) from unprotected, active rural farmlands, including those that support farmer's markets in cities.

Project Justification

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive mid July each year in accordance with Ordinance 14714.

Budget Request Basis

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive by July 1st each year, in accordance with Ordinance 14714. Recommended by the Conservation Futures Citizens Committee.

Project Status

Property will be appraised, offer of contract made to landowner, if negotiations are successful the contract closes and property is acquired. There is a goal of two years to complete an open space acquisition, after which, project proponents request extensions that the Conservation Futures Citizen Committee reviews and makes recommendations on to Executive and Council.

Alternatives Analysis

Alternative would be to abandon project, however that would be unwarranted, because there are willing sellers

Funding and Revenue Discussion

This project is funded by the Conservation Futures Levy.

Other Agency Involvement

No other agencies involved with this project.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	WLCF KC TDR Active Farmland	1116223
Art Eligibility		
No. No, this project is not eligible for 1% Art. Project is for real estate acquisitions only.		
Equity and Social Justice Impact		
This project will provide public green space accessible to the general public, preserve or enhance health, and/or provide a scenic amenity from a public park, open space or right of way.		
Strategic Climate Action Plan Alignment		
Conservation Futures urban and rural open space acquisition projects help King County meet its 2015 Strategic Climate Action Plan (SCAP) goals within 30 years. The projects help King County and its cities meet countywide GHG emissions reduction targets and adequately prepare for the impacts of climate change through permanently conserving remaining high-priority farm, forest, and other open spaces. Climate change response benefits of CFT-funded open space acquisitions include reduced trip distances by providing close-to-home open spaces; the capture of CO2 emissions in trees and other site vegetation; and reducing anticipated future flooding impacts through preserving or increasing flood storage capacity.		
Operating Budget Impacts		
No operating impact.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WLCF KC Mid Fork Snoq NA

1116226

Department	NATURAL RESOURCES AND PARKS
Council District(s)	3
Fund	3151 CONSERV FUTURES SUB-FUND
Class Code	STANDALONE
Substantial Completion	
Location	SE Lake Dorothy Road, east of the City of North Bend, adjacent to the Middle Fork Snoqualmie Natural Area.
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition 01/12/13 - 12/12/18	\$150,000	\$59,305	\$0	\$0	\$209,305
Total Budget	\$150,000	\$59,305	\$0	\$0	\$209,305

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31117 - CONSERV FUTURE LEVY CURRENT	\$59,305	\$0	\$0	\$59,305
Total Revenue	\$59,305	\$0	\$0	\$59,305

EXPENSE

WLCF KC Mid Fork Snoq NA

1116226

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$1,779)	\$0	\$0	(\$1,779)
5 Closeout	\$147,850	\$0	\$0	\$0	\$0	\$147,850
6 Acquisition	\$2,529	\$0	\$61,084	\$0	\$0	\$63,613
Total Expense	\$150,379	\$0	\$59,305	\$0	\$0	\$209,684

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$147,850	\$0	\$147,850
6 Acquisition	\$0	\$0	\$2,529	\$150,000	\$2,529
Total	\$0	\$0	\$150,379	\$150,000	\$150,379

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$1,779)	\$1,779
5 Closeout	(\$147,850)	\$0	\$0	(\$147,850)
6 Acquisition	\$147,471	\$59,305	\$61,084	\$145,692
Total	(\$379)	\$59,305	\$59,305	(\$379)

NARRATIVES

WLCF KC Mid Fork Snoq NA

1116226

Current Scope

King County Middle Fork Snoqualmie Natural Area - This project will acquire properties in the Middle Fork Snoqualmie Natural Area, to buffer a popular trail entrance, and to protect habitat values in the Natural Area

Project Justification

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive mid July each year in accordance with Ordinance 14714.

Budget Request Basis

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive by July 1st each year, in accordance with Ordinance 14714. Recommended by the Conservation Futures Citizens Committee.

Project Status

Property will be appraised, offer of contract made to landowner, if negotiations are successful the contract closes and property is acquired. There is a goal of two years to complete an open space acquisition, after which, project proponents request extensions that the Conservation Futures Citizen Committee reviews and makes recommendations on to Executive and Council.

Alternatives Analysis

Alternative would be to abandon project, however that would be unwarranted, because there are willing sellers

Funding and Revenue Discussion

This project is funded by the Conservation Futures Levy.

Other Agency Involvement

NA

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WLCF KC Mid Fork Snoq NA

1116226

Art Eligibility

No. This project is not eligible for 1% Art. Project is for real estate acquisitions only.

Equity and Social Justice Impact

This project will provide public green space accessible to the general public, preserve or enhance environmental health, and/or provide a scenic amenity from a public park, open space or right of way. There is no negative impact to an underserved community.

Strategic Climate Action Plan Alignment

Conservation Futures urban and rural open space acquisition projects help King County meet its 2015 Strategic Climate Action Plan (SCAP) goals within 30 years. The projects help King County and its cities meet countywide GHG emissions reduction targets and adequately prepare for the impacts of climate change through permanently conserving remaining high-priority farm, forest, and other open spaces. Climate change response benefits of CFT-funded open space acquisitions include reduced trip distances by providing close-to-home open spaces; the capture of CO2 emissions in trees and other site vegetation; and reducing anticipated future flooding impacts through preserving or increasing flood storage capacity.

Operating Budget Impacts

No operating impact.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WLCF KC Bear Crk Waterways

1116231

Department	NATURAL RESOURCES AND PARKS
Council District(s)	3
Fund	3151 CONSERV FUTURES SUB-FUND
Class Code	STANDALONE
Substantial Completion	
Location	East of Paradise Lake Road (North Focus Area), north of the Woodinville-Duvall Road, east of Woodinville
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition 01/01/14 - 12/12/18	\$935,000	\$281,789	\$0	\$0	\$1,216,789
Total Budget	\$935,000	\$281,789	\$0	\$0	\$1,216,789

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31117 - CONSERV FUTURE LEVY CURRENT	\$281,789	\$0	\$0	\$281,789
Total Revenue	\$281,789	\$0	\$0	\$281,789

EXPENSE

WLCF KC Bear Crk Waterways

1116231

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$8,454)	\$0	\$0	(\$8,454)
5 Closeout	\$172,955	\$0	\$0	\$0	\$0	\$172,955
6 Acquisition	\$14,762	\$200,000	\$290,243	\$0	\$0	\$505,005
Total Expense	\$187,718	\$200,000	\$281,789	\$0	\$0	\$669,507

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$172,955	\$0	\$172,955
6 Acquisition	\$0	\$0	\$14,762	\$935,000	\$214,762
Total	\$0	\$0	\$187,717	\$935,000	\$387,717

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$8,454)	\$8,454
5 Closeout	(\$172,955)	\$0	\$0	(\$172,955)
6 Acquisition	\$720,238	\$281,789	\$290,243	\$711,784
Total	\$547,283	\$281,789	\$281,789	\$547,283

NARRATIVES

WLCF KC Bear Crk Waterways

1116231

Current Scope

King County Bear Creek Waterways - This project will acquire riparian habitat that allow for restoration of critical salmon habitat on Bear Creek north of Redmond. The first two acquisition priorities for allocation include a three-acre property in the South Focus Area between Avondale and Novelty Hill roads, which connects two portions of the Lower Bear Creek Natural Area, and up to 20 acres on Paradise Lake Road. 2014: \$175,000 is added to this project to acquire a 20-acre conservation easement in the headwaters area of upper Bear Creek, adjacent to a similar conservation easement purchased last year from the same owner.

Project Justification

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive mid July each year in accordance with Ordinance 14714.

Budget Request Basis

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive by July 1st each year, in accordance with Ordinance 14714. Recommended by the Conservation Futures Citizens Committee.

Project Status

:Property will be appraised, offer of contract made to landowner, if negotiations are successful the contract closes and property is acquired. There is a goal of two years to complete an open space acquisition, after which, project proponents request extensions that the Conservation Futures Citizen Committee reviews and makes recommendations on to Executive and Council.

Alternatives Analysis

Alternative would be to abandon project, however that would be unwarranted, because there are willing sellers

Funding and Revenue Discussion

This project is funded by the Conservation Futures Levy.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	WLCF KC Bear Crk Waterways	1116231
Other Agency Involvement		
NA		
Art Eligibility		
No. No, this project is not eligible for 1% Art. Project is for real estate acquisitions only.		
Equity and Social Justice Impact		
This project will provide public green space accessible to the general public, preserve or enhance environmental health, and/or provide a scenic amenity from a public park, open space or right of way. There is no negative impact to an underserved community.		
Strategic Climate Action Plan Alignment		
Conservation Futures urban and rural open space acquisition projects help King County meet its 2015 Strategic Climate Action Plan (SCAP) goals within 30 years. The projects help King County and its cities meet countywide GHG emissions reduction targets and adequately prepare for the impacts of climate change through permanently conserving remaining high-priority farm, forest, and other open spaces. Climate change response benefits of CFT-funded open space acquisitions include reduced trip distances by providing close-to-home open spaces; the capture of CO2 emissions in trees and other site vegetation; and reducing anticipated future flooding impacts through preserving or increasing flood storage capacity.		
Operating Budget Impacts		
No operating impact.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status: Approved

WLCF KC Wetland 14 / Spring LK

1116241

Department	NATURAL RESOURCES AND PARKS
Council District(s)	9
Fund	3151 CONSERV FUTURES SUB-FUND
Class Code	STANDALONE
Substantial Completion	
Location	SE 196th Street, North of SE Petrovsky Road, adjacent to the Wetland 14 Natural Area.
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition 01/12/13 - 12/12/18	\$139,417	\$330,000	\$0	\$0	\$469,417
Total Budget	\$139,417	\$330,000	\$0	\$0	\$469,417

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31117 - CONSERV FUTURE LEVY CURRENT	\$330,000	\$0	\$0	\$330,000
Total Revenue	\$330,000	\$0	\$0	\$330,000

EXPENSE

WLCF KC Wetland 14 / Spring LK

1116241

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$9,900)	\$0	\$0	(\$9,900)
5 Closeout	\$89,447	\$0	\$0	\$0	\$0	\$89,447
6 Acquisition	\$0	\$49,970	\$339,900	\$0	\$0	\$389,870
Total Expense	\$89,447	\$49,970	\$330,000	\$0	\$0	\$469,417

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$89,447	\$0	\$89,447
6 Acquisition	\$0	\$0	\$0	\$139,417	\$49,970
Total	\$0	\$0	\$89,447	\$139,417	\$139,417

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$9,900)	\$9,900
5 Closeout	(\$89,447)	\$0	\$0	(\$89,447)
6 Acquisition	\$89,447	\$330,000	\$339,900	\$79,547
Total	\$0	\$330,000	\$330,000	\$0

NARRATIVES

WLCF KC Wetland 14 / Spring LK

1116241

Current Scope

King County Wetland 14 / Spring Lake - This project will acquire open space lands adjacent to Wetland 14 Natural Area and Spring Lake-Lake Desire Park. The first funded property is a ten-acre, approximately half-mile long linear parcel located on the eastern boundary of Wetland 14 Natural Area. The parcel contains a gravel access road and a wooded buffer to the Wetland 14 Natural Area. It is located on SE 170th Street, west of 184th Avenue SE.

Project Justification

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive mid July each year in accordance with Ordinance 14714.

Budget Request Basis

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive by July 1st each year, in accordance with Ordinance 14714. Recommended by the Conservation Futures Citizens Committee.

Project Status

Property will be appraised, offer of contract made to landowner, if negotiations are successful the contract closes and property is acquired. There is a goal of two years to complete an open space acquisition, after which, project proponents request extensions that the Conservation Futures Citizen Committee reviews and makes recommendations on to Executive and Council.

Alternatives Analysis

Alternative would be to abandon project, however that would be unwarranted, because there are willing sellers

Funding and Revenue Discussion

This project is funded by the Conservation Futures Levy.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	WLCF KC Wetland 14 / Spring LK	1116241
Other Agency Involvement		
N/A		
Art Eligibility		
No. This project is not eligible for 1% Art. Project is for real estate acquisitions only.		
Equity and Social Justice Impact		
This project will provide public green space accessible to the general public, preserve or enhance environmental health, and/or provide a scenic amenity from a public park, open space or right of way. There is no negative impact to an underserved community.		
Strategic Climate Action Plan Alignment		
Conservation Futures urban and rural open space acquisition projects help King County meet its 2015 Strategic Climate Action Plan (SCAP) goals within 30 years. The projects help King County and its cities meet countywide GHG emissions reduction targets and adequately prepare for the impacts of climate change through permanently conserving remaining high-priority farm, forest, and other open spaces. Climate change response benefits of CFT-funded open space acquisitions include reduced trip distances by providing close-to-home open spaces; the capture of CO2 emissions in trees and other site vegetation; and reducing anticipated future flooding impacts through preserving or increasing flood storage capacity.		
Operating Budget Impacts		
No operating impact.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WLCF KC Soos Cr Add

1116245

Department	NATURAL RESOURCES AND PARKS
Council District(s)	9
Fund	3151 CONSERV FUTURES SUB-FUND
Class Code	STANDALONE
Substantial Completion	
Location	Adjacent to Soos Creek Park near 156th Place SE and SE 272nd Street, at the western edge of the City of Covington.
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition 01/01/14 - 12/12/18	\$119,000	\$0	\$0	\$0	\$119,000
Total Budget	\$119,000	\$0	\$0	\$0	\$119,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

EXPENSE

WLCF KC Soos Cr Add

1116245

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$17,413	\$0	\$0	\$0	\$0	\$17,413
6 Acquisition	\$10,273	\$0	\$0	\$0	\$0	\$10,273
Total Expense	\$27,686	\$0	\$0	\$0	\$0	\$27,686

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$17,413	\$0	\$17,413
6 Acquisition	\$0	\$0	\$10,273	\$119,000	\$10,273
Total	\$0	\$0	\$27,686	\$119,000	\$27,686

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0
5 Closeout	(\$17,413)	\$0	\$0	(\$17,413)
6 Acquisition	\$108,727	\$0	\$0	\$108,727
Total	\$91,314	\$0	\$0	\$91,314

NARRATIVES

WLCF KC Soos Cr Add

1116245

Current Scope

King County Soos Creek Addition - This project will fund direct costs of the acquisition of land to improve access to Soos Creek Park, west of Covington, including title and appraisal work, and landowner negotiations.

Project Justification

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive mid July each year in accordance with Ordinance 14714.

Budget Request Basis

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive by July 1st each year, in accordance with Ordinance 14714. Recommended by the Conservation Futures Citizens Committee.

Project Status

Property will be appraised, offer of contract made to landowner, if negotiations are successful the contract closes and property is acquired. There is a goal of two years to complete an open space acquisition, after which, project proponents request extensions that the Conservation Futures Citizen Committee reviews and makes recommendations on to Executive and Council.

Alternatives Analysis

Alternative would be to abandon project, however that would be unwarranted, because there are willing sellers

Funding and Revenue Discussion

This project is funded by the Conservation Futures Levy.

Other Agency Involvement

State Department of Transportation is the landowner of one parcel.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WLCF KC Soos Cr Add

1116245

Art Eligibility

No. This project is not eligible for 1% Art. Project is for real estate acquisitions only.

Equity and Social Justice Impact

This project will provide public green space accessible to the general public, preserve or enhance environmental health, and/or provide a scenic amenity from a public park, open space or right of way. There is no negative impact to an underserved community.

Strategic Climate Action Plan Alignment

Conservation Futures urban and rural open space acquisition projects help King County meet its 2015 Strategic Climate Action Plan (SCAP) goals within 30 years. The projects help King County and its cities meet countywide GHG emissions reduction targets and adequately prepare for the impacts of climate change through permanently conserving remaining high-priority farm, forest, and other open spaces. Climate change response benefits of CFT-funded open space acquisitions include reduced trip distances by providing close-to-home open spaces; the capture of CO2 emissions in trees and other site vegetation; and reducing anticipated future flooding impacts through preserving or increasing flood storage capacity.

Operating Budget Impacts

No operating impact.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WLCF KC Paradise Villy-Judd Cr

1116248

Department	NATURAL RESOURCES AND PARKS
Council District(s)	8
Fund	3151 CONSERV FUTURES SUB-FUND
Class Code	STANDALONE
Substantial Completion	
Location	Along Judd Creek on 111th Avenue SW, and SW 216th Street, on Vashon Island.
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition 01/12/13 - 12/12/18	\$226,000	\$0	\$0	\$0	\$226,000
Total Budget	\$226,000	\$0	\$0	\$0	\$226,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

EXPENSE WLCF KC Paradise Villy-Judd Cr 1116248

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$177,377	\$0	\$0	\$0	\$0	\$177,377
6 Acquisition	\$4,567	\$0	\$0	\$0	\$0	\$4,567
Total Expense	\$181,944	\$0	\$0	\$0	\$0	\$181,944

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$177,377	\$0	\$177,377
6 Acquisition	\$0	\$0	\$4,567	\$226,000	\$4,567
Total	\$0	\$0	\$181,944	\$226,000	\$181,944

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0
5 Closeout	(\$177,377)	\$0	\$0	(\$177,377)
6 Acquisition	\$221,433	\$0	\$0	\$221,433
Total	\$44,056	\$0	\$0	\$44,056

NARRATIVES

WLCF KC Paradise Villy-Judd Cr

1116248

Current Scope

King County Paradise Valley-Judd Creek - This project will acquire up to six parcels containing high quality riparian habitat along Judd Creek on Vashon Island. The first priority is three parcels on 111th Avenue SW.

Project Justification

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive mid July each year in accordance with Ordinance 14714.

Budget Request Basis

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive by July 1st each year, in accordance with Ordinance 14714. Recommended by the Conservation Futures Citizens Committee.

Project Status

Property will be appraised, offer of contract made to landowner, if negotiations are successful the contract closes and property is acquired. There is a goal of two years to complete an open space acquisition, after which, project proponents request extensions that the Conservation Futures Citizen Committee reviews and makes recommendations on to Executive and Council.

Alternatives Analysis

Alternative would be to abandon project, however that would be unwarranted, because there are willing sellers

Funding and Revenue Discussion

This project is funded by the Conservation Futures Levy.

Other Agency Involvement

N/A

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WLCF KC Paradise Villy-Judd Cr

1116248

Art Eligibility

No. This project is not eligible for 1% Art. Project is for real estate acquisitions only.

Equity and Social Justice Impact

This project will provide public green space accessible to the general public, preserve or enhance environmental health, and/or provide a scenic amenity from a public park, open space or right of way.

Strategic Climate Action Plan Alignment

Conservation Futures urban and rural open space acquisition projects help King County meet its 2015 Strategic Climate Action Plan (SCAP) goals within 30 years. The projects help King County and its cities meet countywide GHG emissions reduction targets and adequately prepare for the impacts of climate change through permanently conserving remaining high-priority farm, forest, and other open spaces. Climate change response benefits of CFT-funded open space acquisitions include reduced trip distances by providing close-to-home open spaces; the capture of CO2 emissions in trees and other site vegetation; and reducing anticipated future flooding impacts through preserving or increasing flood storage capacity.

Operating Budget Impacts

No operating impact.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WLCF KC MASTER

1116264

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3151 CONSERV FUTURES SUB-FUND
Class Code	STANDALONE
Substantial Completion	
Location	Unincorporated King County
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition 12/21/13 - 12/31/24	\$0	\$12,191,836	\$23,866,358	\$26,075,822	\$62,134,016
Total Budget	\$0	\$12,191,836	\$23,866,358	\$26,075,822	\$62,134,016

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31117 - CONSERV FUTURE LEVY CURRENT	\$11,705,131	\$23,006,915	\$24,497,525	\$59,209,571
36999 - OTHER MISC REVENUE	\$486,705	\$859,443	\$1,578,297	\$2,924,445
Total Revenue	\$12,191,836	\$23,866,358	\$26,075,822	\$62,134,016

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		WLCF KC MASTER				1116264
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$9,766,083	(\$1,132,268)	(\$2,126,000)	(\$2,513,015)	\$3,994,800
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	(\$9,766,083)	\$13,324,104	\$25,992,358	\$28,588,837	\$58,139,216
Total Expense	\$0	\$0	\$12,191,836	\$23,866,358	\$26,075,822	\$62,134,016

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$9,766,083
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	(\$9,766,083)
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	(\$9,766,083)	\$0	(\$1,132,268)	(\$8,633,815)
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$9,766,083	\$12,191,836	\$13,324,104	\$8,633,815
Total	\$0	\$12,191,836	\$12,191,836	\$0

NARRATIVES WLCF KC MASTER 1116264

Current Scope

Conservation Futures King County Master - This project holds King County's share of projected Conservation Futures Levy funding for 2018 to be allocated by the Conservation Futures Citizens Committee through the annual application, review and approval process in July 2017.

Project Justification

Ordinance 14714, KCC 26.12.

Budget Request Basis

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive by July 1st each year, in accordance with Ordinance 14714. Recommended by the Conservation Futures Citizens Committee.

Project Status

Ongoing.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WLCF KC MASTER

1116264

Alternatives Analysis

Alternatives considered are: Single Alternative.

Funding and Revenue Discussion

This project is funded by the Conservation Futures Levy.

Other Agency Involvement

N/A

Art Eligibility

No. No, this project is not eligible for 1% Art. Project is for real estate acquisition only.

Equity and Social Justice Impact

This project will provide public green space accessible to the general public, preserve or enhance health, and/or provide a scenic amenity from a public park, open space or right of way. There is no negative impact to an underserved community.

Strategic Climate Action Plan Alignment

Conservation Futures urban and rural open space acquisition projects help King County meet its 2015 Strategic Climate Action Plan (SCAP) goals within 30 years. The projects help King County and its cities meet countywide GHG emissions reduction targets and adequately prepare for the impacts of climate change through permanently conserving remaining high-priority farm, forest, and other open spaces. Climate change response benefits of CFT-funded open space acquisitions include reduced trip distances by providing close-to-home open spaces; the capture of CO2 emissions in trees and other site vegetation; and reducing anticipated future flooding impacts through preserving or increasing flood storage capacity.

Operating Budget Impacts

No operating impact.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WLCF COV South Covington Park

1122034

Department	NATURAL RESOURCES AND PARKS
Council District(s)	9
Fund	3151 CONSERV FUTURES SUB-FUND
Class Code	STANDALONE
Substantial Completion	
Location	In Covington on SE Wax Road, in the Jenkins Creek corridor.
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$800,000	\$100,000	\$0	\$0	\$900,000
Total Budget	\$800,000	\$100,000	\$0	\$0	\$900,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31117 - CONSERV FUTURE LEVY CURRENT	\$100,000	\$0	\$0	\$100,000
Total Revenue	\$100,000	\$0	\$0	\$100,000

EXPENSE

WLCF COV South Covington Park

1122034

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$3,000)	\$0	\$0	(\$3,000)
5 Closeout	\$96	\$0	\$0	\$0	\$0	\$96
6 Acquisition	\$0	\$150,000	\$103,000	\$0	\$0	\$253,000
Total Expense	\$96	\$150,000	\$100,000	\$0	\$0	\$250,096

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$96	\$0	\$96
6 Acquisition	\$0	\$0	\$0	\$800,000	\$150,000
Total	\$0	\$0	\$96	\$800,000	\$150,096

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$3,000)	\$3,000
5 Closeout	(\$96)	\$0	\$0	(\$96)
6 Acquisition	\$650,000	\$100,000	\$103,000	\$647,000
Total	\$649,904	\$100,000	\$100,000	\$649,904

NARRATIVES

WLCF COV South Covington Park

1122034

Current Scope

South Covington Park - This project consists of three parcels totaling 5.65 acres on SE Wax Road, in the Jenkins Creek corridor. There is a dual goal for the project: the first is creating a trail connection between the planned Covington Town Center, which is located nearby to the northeast, and a city-wide trail system that connects with other Covington parks and open spaces. The second goal is habitat protection along Jenkins Creek, which runs parallel to the future trail. The project site is critically located at a planned trail crossing on SE Wax Road.

Project Justification

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive by July 1st each year, in accordance with Ordinance 14714.

Budget Request Basis

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive by July 1st each year, in accordance with Ordinance 14714. Recommended by the Conservation Futures Citizens Committee.

Project Status

Property will be appraised, offer of contract made to landowner, if negotiations are successful the contract closes and property is acquired. There is a goal of two years to complete an open space acquisition, after which, project proponents request extensions that the Conservation Futures Citizen Committee reviews and makes recommendations on to Executive and Council.

Alternatives Analysis

Alternative would be to abandon project, however that would be unwarranted, because there are willing sellers.

Funding and Revenue Discussion

This project is funded by the Conservation Futures Levy.

Other Agency Involvement

City of Covington. Additional matching funding from other agency funds

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WLCF COV South Covington Park

1122034

Art Eligibility

No. No. This project is not eligible for 1% Art. Project is for real estate acquisitions only.

Equity and Social Justice Impact

This project will provide public green space accessible to the general public, preserve or enhance environmental health, and/or provide a scenic amenity from a public park, open space or right of way.

Strategic Climate Action Plan Alignment

Conservation Futures urban and rural open space acquisition projects help King County meet its 2015 Strategic Climate Action Plan (SCAP) goals within 30 years. The projects help King County and its cities meet countywide GHG emissions reduction targets and adequately prepare for the impacts of climate change through permanently conserving remaining high-priority farm, forest, and other open spaces. Climate change response benefits of CFT-funded open space acquisitions include reduced trip distances by providing close-to-home open spaces; the capture of CO2 emissions in trees and other site vegetation; and reducing anticipated future flooding impacts through preserving or increasing flood storage capacity.

Operating Budget Impacts

No operating impact.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WLCF KC Dairies in King Co/TDR

1122057

Department	NATURAL RESOURCES AND PARKS
Council District(s)	3, 7, 9
Fund	3151 CONSERV FUTURES SUB-FUND
Class Code	STANDALONE
Substantial Completion	
Location	Dairy farms or the lands that support their operations, including two dairies in the Snoqualmie Valley APD, and eight in the Enumclaw APD.
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition 01/01/14 - 12/31/18	\$1,187,000	\$400,000	\$0	\$0	\$1,587,000
Total Budget	\$1,187,000	\$400,000	\$0	\$0	\$1,587,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31117 - CONSERV FUTURE LEVY CURRENT	\$400,000	\$0	\$0	\$400,000
Total Revenue	\$400,000	\$0	\$0	\$400,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		WLCF KC Dairies in King Co/TDR					1122057
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense	
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0	
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0	
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0	
4 Implementation	\$0	\$0	(\$12,000)	\$0	\$0	(\$12,000)	
5 Closeout	\$790,073	\$0	\$0	\$0	\$0	\$790,073	
6 Acquisition	\$36,817	\$360,109	\$412,000	\$0	\$0	\$808,926	
Total Expense	\$826,891	\$360,109	\$400,000	\$0	\$0	\$1,587,000	

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$790,073	\$0	\$790,073
6 Acquisition	\$0	\$0	\$36,817	\$1,187,000	\$396,926
Total	\$0	\$0	\$826,890	\$1,187,000	\$1,186,999

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$12,000)	\$12,000
5 Closeout	(\$790,073)	\$0	\$0	(\$790,073)
6 Acquisition	\$790,074	\$400,000	\$412,000	\$778,074
Total	\$1	\$400,000	\$400,000	\$1

NARRATIVES WLCF KC Dairies in King Co/TDR 1122057

Current Scope

Dairies in King County / Transfer Development Rights - This multiple-year, multiple-parcel project is supported by King County's TDR Program and Farmlands Preservation Program. The project will purchase TDRs from King County dairy farms or the lands that support their operations. The project includes two dairies in the Snoqualmie Valley APD, and eight in the Enumclaw APD. Additional properties that directly support these dairies with uses like grazing, haying, manure spreading or crop tillage are also part of the project scope.

Project Justification

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive by July 1st each year, in accordance with Ordinance 14714.

Budget Request Basis

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive by July 1st each year, in accordance with Ordinance 14714. Recommended by the Conservation Futures Citizens Committee.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WLCF KC Dairies in King Co/TDR

1122057

Project Status

Property will be appraised, offer of contract made to landowner, if negotiations are successful the contract closes and property is acquired. There is a goal of two years to complete an open space acquisition, after which, project proponents request extensions that the Conservation Futures Citizen Committee reviews and makes recommendations on to Executive and Council.

Alternatives Analysis

Alternative would be to abandon project, however that would be unwarranted, because there are willing sellers

Funding and Revenue Discussion

This project is funded by the Conservation Futures Levy.

Other Agency Involvement

No other agencies involved with this project.

Art Eligibility

No. This project is not eligible for 1% Art. Project is for real estate acquisitions only.

Equity and Social Justice Impact

This project will provide public green space accessible to the general public, preserve or enhance health, and/or provide a scenic amenity from a public park, open space or right of way.

Strategic Climate Action Plan Alignment

Conservation Futures urban and rural open space acquisition projects help King County meet its 2015 Strategic Climate Action Plan (SCAP) goals within 30 years. The projects help King County and its cities meet countywide GHG emissions reduction targets and adequately prepare for the impacts of climate change through permanently conserving remaining high-priority farm, forest, and other open spaces. Climate change response benefits of CFT-funded open space acquisitions include reduced trip distances by providing close-to-home open spaces; the capture of CO2 emissions in trees and other site vegetation; and reducing anticipated future flooding impacts through preserving or increasing flood storage capacity.

Operating Budget Impacts

No operating impact.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WLCF KC Griffin Creek Nat Area

1122058

Department	NATURAL RESOURCES AND PARKS
Council District(s)	3
Fund	3151 CONSERV FUTURES SUB-FUND
Class Code	STANDALONE
Substantial Completion	
Location	Along Griffin Creek near East Griffin Creek Road NE.
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition 01/01/14 - 12/31/18	\$356,000	\$70,000	\$0	\$0	\$426,000
Total Budget	\$356,000	\$70,000	\$0	\$0	\$426,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31117 - CONSERV FUTURE LEVY CURRENT	\$70,000	\$0	\$0	\$70,000
Total Revenue	\$70,000	\$0	\$0	\$70,000

EXPENSE

WLCF KC Griffin Creek Nat Area

1122058

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$2,100)	\$0	\$0	(\$2,100)
5 Closeout	\$298,943	\$0	\$0	\$0	\$0	\$298,943
6 Acquisition	\$4,568	\$46,000	\$72,100	\$0	\$0	\$122,668
Total Expense	\$303,510	\$46,000	\$70,000	\$0	\$0	\$419,510

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$298,943	\$0	\$298,943
6 Acquisition	\$0	\$0	\$4,568	\$356,000	\$50,568
Total	\$0	\$0	\$303,511	\$356,000	\$349,511

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$2,100)	\$2,100
5 Closeout	(\$298,943)	\$0	\$0	(\$298,943)
6 Acquisition	\$305,432	\$70,000	\$72,100	\$303,332
Total	\$6,489	\$70,000	\$70,000	\$6,489

NARRATIVES

WLCF KC Griffin Creek Nat Area

1122058

Current Scope

King County Griffin Creek Natural Area - The Griffin Creek Natural Area project will acquire up to 13 forested parcels with high quality riparian habitat along Griffin Creek near East Griffin Creek Road NE. The project has a goal of further completing the habitat protection and conservation vision for this lower reach.

Project Justification

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive by July 1st each year, in accordance with Ordinance 14714.

Budget Request Basis

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive by July 1st each year, in accordance with Ordinance 14714. Recommended by the Conservation Futures Citizens Committee.

Project Status

Property will be appraised, offer of contract made to landowner, if negotiations are successful the contract closes and property is acquired. There is a goal of two years to complete an open space acquisition, after which, project proponents request extensions that the Conservation Futures Citizen Committee reviews and makes recommendations on to Executive and Council.

Alternatives Analysis

Alternative would be to abandon project, however that would be unwarranted, because there are willing sellers

Funding and Revenue Discussion

This project is funded by the Conservation Futures Levy.

Other Agency Involvement

None

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WLCF KC Griffin Creek Nat Area

1122058

Art Eligibility

No. This project is not eligible for 1% Art. Project is for real estate acquisitions only.

Equity and Social Justice Impact

This project will provide public green space accessible to the general public, preserve or enhance health, and/or provide a scenic amenity from a public park, open space or right of way.

Strategic Climate Action Plan Alignment

Conservation Futures urban and rural open space acquisition projects help King County meet its 2015 Strategic Climate Action Plan (SCAP) goals within 30 years. The projects help King County and its cities meet countywide GHG emissions reduction targets and adequately prepare for the impacts of climate change through permanently conserving remaining high-priority farm, forest, and other open spaces. Climate change response benefits of CFT-funded open space acquisitions include reduced trip distances by providing close-to-home open spaces; the capture of CO2 emissions in trees and other site vegetation; and reducing anticipated future flooding impacts through preserving or increasing flood storage capacity.

Operating Budget Impacts

No operating impact.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WLCF NEW LAKE BOREN / MAY CK T

1123818

Department	NATURAL RESOURCES AND PARKS
Council District(s)	9
Fund	3151 CONSERV FUTURES SUB-FUND
Class Code	STANDALONE
Substantial Completion	
Location	South end of Lake Boren at Lake Boren Park, in the city of Newcastle
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition 01/01/16 - 12/31/19	\$256,000	\$199,000	\$0	\$0	\$455,000
Total Budget	\$256,000	\$199,000	\$0	\$0	\$455,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31117 - CONSERV FUTURE LEVY CURRENT	\$199,000	\$0	\$0	\$199,000
Total Revenue	\$199,000	\$0	\$0	\$199,000

EXPENSE

WLCF NEW LAKE BOREN / MAY CK T

1123818

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$5,970)	\$0	\$0	(\$5,970)
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$204,970	\$0	\$0	\$204,970
Total Expense	\$0	\$0	\$199,000	\$0	\$0	\$199,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$256,000	\$0
Total	\$0	\$0	\$0	\$256,000	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$5,970)	\$5,970
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$256,000	\$199,000	\$204,970	\$250,030
Total	\$256,000	\$199,000	\$199,000	\$256,000

NARRATIVES

WLCF NEW LAKE BOREN / MAY CK T

1123818

Current Scope

Lake Boren/May Creek Tributary - This new project will acquire two parcels totaling 3.52 acres at the south end of Lake Boren in Newcastle, west of Coal creek Parkway. The properties are adjacent to Lake Boren Park and contain houses that will be removed.

Project Justification

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive mid July each year in accordance with Ordinance 14714.

Budget Request Basis

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive by July 1st each year, in accordance with Ordinance 14714. Recommended by the Conservation Futures Citizens Committee.

Project Status

Property will be appraised, offer of contract made to landowner, if negotiations are successful the contract closes and property is acquired. There is a goal of two years to complete an open space acquisition, after which, project proponents request extensions that the Conservation Futures Citizen Committee reviews and makes recommendations on to Executive and Council.

Alternatives Analysis

Alternative would be to abandon project, however that would be unwarranted, because there are willing sellers.

Funding and Revenue Discussion

This project is funded by the Conservation Futures Levy.

Other Agency Involvement

City of Newcastle. Additional matching funding from other agency funds

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WLCF NEW LAKE BOREN / MAY CK T

1123818

Art Eligibility

No. This project is not eligible for 1% Art. Project is for real estate acquisitions only.

Equity and Social Justice Impact

This project will provide public green space accessible to the general public, preserve or enhance environmental health, and/or provide a scenic amenity from a public park, open space or right of way. There is no negative impact to an underserved community.

Strategic Climate Action Plan Alignment

Conservation Futures urban and rural open space acquisition projects help King County meet its 2015 Strategic Climate Action Plan (SCAP) goals within 30 years. The projects help King County and its cities meet countywide GHG emissions reduction targets and adequately prepare for the impacts of climate change through permanently conserving remaining high-priority farm, forest, and other open spaces. Climate change response benefits of CFT-funded open space acquisitions include reduced trip distances by providing close-to-home open spaces; the capture of CO2 emissions in trees and other site vegetation; and reducing anticipated future flooding impacts through preserving or increasing flood storage capacity.

Operating Budget Impacts

No operating impact.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status: Approved

WLCF KC MITCHELL HILL FOR ADD

1123828

Department	NATURAL RESOURCES AND PARKS
Council District(s)	3
Fund	3151 CONSERV FUTURES SUB-FUND
Class Code	STANDALONE
Substantial Completion	
Location	Mitchell Hill Forest is located north of Interstate 90, east of the City of Issaquah.
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition 01/01/15 - 12/31/18	\$100,000	\$250,000	\$0	\$0	\$350,000
Total Budget	\$100,000	\$250,000	\$0	\$0	\$350,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31117 - CONSERV FUTURE LEVY CURRENT	\$250,000	\$0	\$0	\$250,000
Total Revenue	\$250,000	\$0	\$0	\$250,000

EXPENSE

WLCF KC MITCHELL HILL FOR ADD

1123828

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$7,500)	\$0	\$0	(\$7,500)
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$257,500	\$0	\$0	\$257,500
Total Expense	\$0	\$0	\$250,000	\$0	\$0	\$250,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$100,000	\$0
Total	\$0	\$0	\$0	\$100,000	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$7,500)	\$7,500
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$100,000	\$250,000	\$257,500	\$92,500
Total	\$100,000	\$250,000	\$250,000	\$100,000

NARRATIVES

WLCF KC MITCHELL HILL FOR ADD

1123828

Current Scope

King County Mitchell Hill Forest Additions - This project provides funding to acquire up to 182 acres of forested open space to King County's Mitchell Hill Forest. Seven parcels are a first priority, with two parcels located on SE 62nd Way and totaling almost 80 acres, and a third parcel being an inholding property, located at 285th Avenue SE, and four parcels located between and linking Mitchell Hill Forest and Washington State Department of Natural Resources ownership east of 286th Avenue SE..

Project Justification

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive mid-July each year in accordance with Ordinance 14714.

Budget Request Basis

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive by July 1st each year, in accordance with Ordinance 14714. Recommended by the Conservation Futures Citizens Committee.

Project Status

Property will be appraised, offer of contract made to landowner, if negotiations are successful the contract closes and property is acquired. There is a goal of two years to complete an open space acquisition, after which, project proponents request extensions that the Conservation Futures Citizen Committee reviews and makes recommendations on to Executive and Council.

Alternatives Analysis

Alternative would be to abandon project, however that would be unwarranted, because there are willing sellers

Funding and Revenue Discussion

This project is funded by the Conservation Futures Levy.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	WLCF KC MITCHELL HILL FOR ADD	1123828
Other Agency Involvement		
NA		
Art Eligibility		
No. This project is not eligible for 1% Art. Project is for real estate acquisitions only.		
Equity and Social Justice Impact		
This project will provide public green space accessible to the general public, preserve or enhance environmental health, and/or provide a scenic amenity from a public park, open space or right of way. There is no negative impact to an underserved community		
Strategic Climate Action Plan Alignment		
Conservation Futures urban and rural open space acquisition projects help King County meet its 2015 Strategic Climate Action Plan (SCAP) goals within 30 years. The projects help King County and its cities meet countywide GHG emissions reduction targets and adequately prepare for the impacts of climate change through permanently conserving remaining high-priority farm, forest, and other open spaces. Climate change response benefits of CFT-funded open space acquisitions include reduced trip distances by providing close-to-home open spaces; the capture of CO2 emissions in trees and other site vegetation; and reducing anticipated future flooding impacts through preserving or increasing flood storage capacity.		
Operating Budget Impacts		
No operating impact.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WLCF KC SOUTH FORK SKYKOMISH

1123830

Department	NATURAL RESOURCES AND PARKS
Council District(s)	3
Fund	3151 CONSERV FUTURES SUB-FUND
Class Code	WLCF CONSRVTN FUTURES BDGT
Substantial Completion	
Location	US Highway 2, near Skykomish
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$250,000	\$0	\$0	\$0	\$250,000
Total Budget	\$250,000	\$0	\$0	\$0	\$250,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

EXPENSE

WLCF KC SOUTH FORK SKYKOMISH

1123830

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$0	\$0	\$0	\$0
2 Prelim Design	\$0		\$0	\$0	\$0	\$0
3 Final Design	\$0		\$0	\$0	\$0	\$0
4 Implementation	\$0		\$0	\$0	\$0	\$0
5 Closeout	\$11,668		\$0	\$0	\$0	\$11,668
6 Acquisition	\$2,636		\$0	\$0	\$0	\$2,636
Total Expense	\$14,304		\$0	\$0	\$0	\$14,304

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$11,668	\$0	\$11,668
6 Acquisition	\$0	\$0	\$2,636	\$250,000	\$2,636
Total	\$0	\$0	\$14,304	\$250,000	\$14,304

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0
5 Closeout	(\$11,668)	\$0	\$0	(\$11,668)
6 Acquisition	\$247,364	\$0	\$0	\$247,364
Total	\$235,696	\$0	\$0	\$235,696

NARRATIVES

WLCF KC SOUTH FORK SKYKOMISH

1123830

Current Scope

King County South Fork Skykomish - This project is to conduct real estate work, including title and appraisal work and initial landowner negotiations, to explore properties with passive outdoor recreational opportunities in the South Fork Skykomish River basin. The project areas is located along and near US Highway 2, near Skykomish, including the confluence of the Tye and Foss Rivers.

Project Justification

Necessary coordination between King County, City of Seattle, Suburban Cities and CFT Citizens Committee.

Budget Request Basis

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive by July 1st each year, in accordance with Ordinance 14714. Recommended by the Conservation Futures Citizens Committee.

Project Status

Ongoing.

Alternatives Analysis

Alternative would be to abandon project, however that would be unwarranted, because there are willing sellers

Funding and Revenue Discussion

This project is funded by the Conservation Futures Levy.

Other Agency Involvement

N/A

Art Eligibility

No. No, this project is not eligible for 1% Art. Project is for real estate acquisition only.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WLCF KC SOUTH FORK SKYKOMISH

1123830

Equity and Social Justice Impact

This project will provide public green space accessible to the general public, preserve or enhance health, and/or provide a scenic amenity from a public park, open space or right of way. There is no negative impact to an underserved community.

Strategic Climate Action Plan Alignment

Conservation Futures urban and rural open space acquisition projects help King County meet its 2015 Strategic Climate Action Plan (SCAP) goals within 30 years. The projects help King County and its cities meet countywide GHG emissions reduction targets and adequately prepare for the impacts of climate change through permanently conserving remaining high-priority farm, forest, and other open spaces. Climate change response benefits of CFT-funded open space acquisitions include reduced trip distances by providing close-to-home open spaces; the capture of CO2 emissions in trees and other site vegetation; and reducing anticipated future flooding impacts through preserving or increasing flood storage capacity.

Operating Budget Impacts

No operating impact.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status: Approved

WLCF BTH WAYNE GC FRONT NINE

1126724

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1
Fund	3151 CONSERV FUTURES SUB-FUND
Class Code	STANDALONE
Substantial Completion	
Location	In Bothell at 96th Avenue NE, south of NE Bothell Way.
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition 01/01/16 - 12/31/19	\$200,000	\$200,000	\$0	\$0	\$400,000
Total Budget	\$200,000	\$200,000	\$0	\$0	\$400,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31117 - CONSERV FUTURE LEVY CURRENT	\$200,000	\$0	\$0	\$200,000
Total Revenue	\$200,000	\$0	\$0	\$200,000

EXPENSE

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$6,000)	\$0	\$0	(\$6,000)
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$200,000	\$206,000	\$0	\$0	\$406,000
Total Expense	\$0	\$200,000	\$200,000	\$0	\$0	\$400,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$200,000	\$200,000
Total	\$0	\$0	\$0	\$200,000	\$200,000

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$6,000)	\$6,000
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$200,000	\$206,000	(\$6,000)
Total	\$0	\$200,000	\$200,000	\$0

NARRATIVES

WLCF BTH WAYNE GC FRONT NINE

1126724

Current Scope

Bothell Wayne Golf Course Front Nine - This project is located on Bothell Way in Bothell at 96th Avenue NE, south of NE Bothell Way. It is 50 acres in size overall, and covers the "Front Nine" holes of the Wayne Golf Course, plus four acres adjacent to the to the Front Nine that currently hold the golf course parking lot and clubhouse. As a first priority, the project will provide additional trail access for the Burke Gilman Trail, with a preference being the four-acre property that has as a small portion, an existing gravel parking lot. The project may also provide public access to the 46-acre portion of the golf course that is currently protected from development by a conservation easement held by Bothell.

Project Justification

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive mid-July each year in accordance with Ordinance 14714.

Budget Request Basis

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive by July 1st each year, in accordance with Ordinance 14714. Recommended by the Conservation Futures Citizens Committee.

Project Status

Property will be appraised, offer of contract made to landowner, if negotiations are successful the contract closes and property is acquired. There is a goal of two years to complete an open space acquisition, after which, project proponents request extensions that the Conservation Futures Citizen Committee reviews and makes recommendations on to Executive and Council.

Alternatives Analysis

Alternative would be to abandon project, however that would be unwarranted, because there are willing sellers.

Funding and Revenue Discussion

This project is funded by the Conservation Futures Levy.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WLCF BTH WAYNE GC FRONT NINE

1126724

Other Agency Involvement

City of Bothell. Additional matching funding from other agency funds

Art Eligibility

No. This project is not eligible for 1% Art. Project is for real estate acquisitions only.

Equity and Social Justice Impact

This project will provide public green space accessible to the general public, preserve or enhance health, and/or provide a scenic amenity from a public park, open space or right of way.

Strategic Climate Action Plan Alignment

Conservation Futures urban and rural open space acquisition projects help King County meet its 2015 Strategic Climate Action Plan (SCAP) goals within 30 years. The projects help King County and its cities meet countywide GHG emissions reduction targets and adequately prepare for the impacts of climate change through permanently conserving remaining high-priority farm, forest, and other open spaces. Climate change response benefits of CFT-funded open space acquisitions include reduced trip distances by providing close-to-home open spaces; the capture of CO2 emissions in trees and other site vegetation; and reducing anticipated future flooding impacts through preserving or increasing flood storage capacity.

Operating Budget Impacts

No operating impact.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status: Approved

WLCF BTH WAYNE GC BACK NINE

1126725

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1
Fund	3151 CONSERV FUTURES SUB-FUND
Class Code	STANDALONE
Substantial Completion	
Location	East of Waynita Way NE at the Sammamish Slough, in Bothell.
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition 01/02/17 - 12/31/19	\$800,000	\$800,000	\$0	\$0	\$1,600,000
Total Budget	\$800,000	\$800,000	\$0	\$0	\$1,600,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31117 - CONSERV FUTURE LEVY CURRENT	\$800,000	\$0	\$0	\$800,000
Total Revenue	\$800,000	\$0	\$0	\$800,000

EXPENSE

WLCF BTH WAYNE GC BACK NINE

1126725

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$24,000)	\$0	\$0	(\$24,000)
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$800,000	\$824,000	\$0	\$0	\$1,624,000
Total Expense	\$0	\$800,000	\$800,000	\$0	\$0	\$1,600,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$800,000	\$800,000
Total	\$0	\$0	\$0	\$800,000	\$800,000

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$24,000)	\$24,000
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$800,000	\$824,000	(\$24,000)
Total	\$0	\$800,000	\$800,000	\$0

NARRATIVES

WLCF BTH WAYNE GC BACK NINE

1126725

Current Scope

Bothell Wayne Golf Course Back Nine - This new 37.72-acre project will provide funding towards the purchase of the "Back Nine" holes of the Wayne Golf Course, including a wooded hillside, east of Waynita Way NE in Bothell. This site is currently unprotected from future development and the goal is to purchase it to preserve the open space and prevent future residential development. A portion of the property may in the future be used for riparian habitat mitigation restoration that enhances water quality and riparian habitat for the migratory salmonid population of the Sammamish Slough, and the project will also provide passive public access.

Project Justification

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive mid-July each year in accordance with Ordinance 14714.

Budget Request Basis

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive by July 1st each year, in accordance with Ordinance 14714. Recommended by the Conservation Futures Citizens Committee.

Project Status

Property will be appraised, offer of contract made to landowner, if negotiations are successful the contract closes and property is acquired. There is a goal of two years to complete an open space acquisition, after which, project proponents request extensions that the Conservation Futures Citizen Committee reviews and makes recommendations on to Executive and Council.

Alternatives Analysis

Alternative would be to abandon project, however that would be unwarranted, because there are willing sellers.

Funding and Revenue Discussion

This project is funded by the Conservation Futures Levy.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	WLCF BTH WAYNE GC BACK NINE	1126725
Other Agency Involvement		
City of Bothell. Additional matching funding from other agency funds		
Art Eligibility		
No. This project is not eligible for 1% Art. Project is for real estate acquisitions only.		
Equity and Social Justice Impact		
This project will provide public green space accessible to the general public, preserve or enhance health, and/or provide a scenic amenity from a public park, open space or right of way.		
Strategic Climate Action Plan Alignment		
Conservation Futures urban and rural open space acquisition projects help King County meet its 2015 Strategic Climate Action Plan (SCAP) goals within 30 years. The projects help King County and its cities meet countywide GHG emissions reduction targets and adequately prepare for the impacts of climate change through permanently conserving remaining high-priority farm, forest, and other open spaces. Climate change response benefits of CFT-funded open space acquisitions include reduced trip distances by providing close-to-home open spaces; the capture of CO2 emissions in trees and other site vegetation; and reducing anticipated future flooding impacts through preserving or increasing flood storage capacity.		
Operating Budget Impacts		
No operating impact.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status: Approved

WLCF KRK JUANITA HGTS PK/CK

1126728

Department	NATURAL RESOURCES AND PARKS
Council District(s)	6
Fund	3151 CONSERV FUTURES SUB-FUND
Class Code	STANDALONE
Substantial Completion	
Location	NE 117th Place, south of Juanita Heights Park, in Kirkland.
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition 01/02/17 - 12/31/19	\$150,000	\$135,000	\$0	\$0	\$285,000
Total Budget	\$150,000	\$135,000	\$0	\$0	\$285,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31117 - CONSERV FUTURE LEVY CURRENT	\$135,000	\$0	\$0	\$135,000
Total Revenue	\$135,000	\$0	\$0	\$135,000

EXPENSE

WLCF KRK JUANITA HGTS PK/CK

1126728

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$4,050)	\$0	\$0	(\$4,050)
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$150,000	\$139,050	\$0	\$0	\$289,050
Total Expense	\$0	\$150,000	\$135,000	\$0	\$0	\$285,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$150,000	\$150,000
Total	\$0	\$0	\$0	\$150,000	\$150,000

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$4,050)	\$4,050
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$135,000	\$139,050	(\$4,050)
Total	\$0	\$135,000	\$135,000	\$0

NARRATIVES

WLCF KRK JUANITA HGTS PK/CK

1126728

Current Scope

Kirkland Juanita Heights Park/Creek - This project consists of the acquisition of up to six wooded parcels totaling 2.19 acres at NE 117th Place in Kirkland. The project will help provide a trail connection between a public right-of-way that connects to Juanita Heights Park, and public rights-of-way that link to Juanita Beach Park on Lake Washington.

Project Justification

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive mid-July each year in accordance with Ordinance 14714.

Budget Request Basis

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive by July 1st each year, in accordance with Ordinance 14714. Recommended by the Conservation Futures Citizens Committee.

Project Status

Property will be appraised, offer of contract made to landowner, if negotiations are successful the contract closes and property is acquired. There is a goal of two years to complete an open space acquisition, after which, project proponents request extensions that the Conservation Futures Citizen Committee reviews and makes recommendations on to Executive and Council.

Alternatives Analysis

Alternative would be to abandon project, however that would be unwarranted, because there are willing sellers.

Funding and Revenue Discussion

This project is funded by the Conservation Futures Levy.

Other Agency Involvement

City of Kirkland. Additional matching funding from other agency funds

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WLCF KRK JUANITA HGTS PK/CK

1126728

Art Eligibility

No. This project is not eligible for 1% Art. Project is for real estate acquisitions only.

Equity and Social Justice Impact

This project will provide public green space accessible to the general public, preserve or enhance health, and/or provide a scenic amenity from a public park, open space or right of way.

Strategic Climate Action Plan Alignment

Conservation Futures urban and rural open space acquisition projects help King County meet its 2015 Strategic Climate Action Plan (SCAP) goals within 30 years. The projects help King County and its cities meet countywide GHG emissions reduction targets and adequately prepare for the impacts of climate change through permanently conserving remaining high-priority farm, forest, and other open spaces. Climate change response benefits of CFT-funded open space acquisitions include reduced trip distances by providing close-to-home open spaces; the capture of CO2 emissions in trees and other site vegetation; and reducing anticipated future flooding impacts through preserving or increasing flood storage capacity.

Operating Budget Impacts

No operating impact.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WLCF KC GR LWR NEWAUKUM CK

1126743

Department	NATURAL RESOURCES AND PARKS
Council District(s)	9
Fund	3151 CONSERV FUTURES SUB-FUND
Class Code	STANDALONE
Substantial Completion	
Location	On Lower Newaukum Creek, immediately east of 212th Way SE .
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$195,000	\$300,000	\$0	\$0	\$495,000
Total Budget	\$195,000	\$300,000	\$0	\$0	\$495,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31117 - CONSERV FUTURE LEVY CURRENT	\$300,000	\$0	\$0	\$300,000
Total Revenue	\$300,000	\$0	\$0	\$300,000

EXPENSE

WLCF KC GR LWR NEWAUKUM CK

1126743

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$9,000)	\$0	\$0	(\$9,000)
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$195,000	\$309,000	\$0	\$0	\$504,000
Total Expense	\$0	\$195,000	\$300,000	\$0	\$0	\$495,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$195,000	\$195,000
Total	\$0	\$0	\$0	\$195,000	\$195,000

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$9,000)	\$9,000
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$300,000	\$309,000	(\$9,000)
Total	\$0	\$300,000	\$300,000	\$0

NARRATIVES

WLCF KC GR LWR NEWAUKUM CK

1126743

Current Scope

King County Green Lower Newaukum Creek - This new project will acquire riparian habitat in the lower Newaukum Creek basin and at the creek's confluence with the Green River near Whitney Bridge Park, south of Black Diamond. The project area includes the lower Newaukum Creek ravine. The first priority for acquisition is three vacant parcels on the Green River immediately west of 212th Way SE. There is a habitat restoration opportunity on the vacant parcels along the Green River, while meadow or pasture land could be retained off the river and out of the regulated riparian restoration buffer.

Project Justification

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive mid-July each year in accordance with Ordinance 14714.

Budget Request Basis

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive by July 1st each year, in accordance with Ordinance 14714. Recommended by the Conservation Futures Citizens Committee.

Project Status

Property will be appraised, offer of contract made to landowner, if negotiations are successful the contract closes and property is acquired. There is a goal of two years to complete an open space acquisition, after which, project proponents request extensions that the Conservation Futures Citizen Committee reviews and makes recommendations on to Executive and Council.

Alternatives Analysis

Alternative would be to abandon project, however that would be unwarranted, because there are willing sellers

Funding and Revenue Discussion

This project is funded by the Conservation Futures Levy.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WLCF KC GR LWR NEWAUKUM CK

1126743

Other Agency Involvement

No other agencies involved with this project.

Art Eligibility

No. This project is not eligible for 1% Art. Project is for real estate acquisitions only.

Equity and Social Justice Impact

This project will provide public green space accessible to the general public, preserve or enhance environmental health, and/or provide a scenic amenity from a public park, open space or right of way. There is no negative impact to an underserved community.

Strategic Climate Action Plan Alignment

Conservation Futures urban and rural open space acquisition projects help King County meet its 2015 Strategic Climate Action Plan (SCAP) goals within 30 years. The projects help King County and its cities meet countywide GHG emissions reduction targets and adequately prepare for the impacts of climate change through permanently conserving remaining high-priority farm, forest, and other open spaces. Climate change response benefits of CFT-funded open space acquisitions include reduced trip distances by providing close-to-home open spaces; the capture of CO2 emissions in trees and other site vegetation; and reducing anticipated future flooding impacts through preserving or increasing flood storage capacity.

Operating Budget Impacts

No operating impact.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status: Approved

WLCF KC GR MID NEWAUKUM SP CK

1126744

Department	NATURAL RESOURCES AND PARKS
Council District(s)	9
Fund	3151 CONSERV FUTURES SUB-FUND
Class Code	STANDALONE
Substantial Completion	
Location	East of 244th Avenue SE and south of SE 416th Street, north of Enumclaw.
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$50,000	\$300,000	\$0	\$0	\$350,000
Total Budget	\$50,000	\$300,000	\$0	\$0	\$350,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31117 - CONSERV FUTURE LEVY CURRENT	\$300,000	\$0	\$0	\$300,000
Total Revenue	\$300,000	\$0	\$0	\$300,000

EXPENSE

WLCF KC GR MID NEWAUKUM SP CK

1126744

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$9,000)	\$0	\$0	(\$9,000)
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$49,995	\$50,000	\$309,000	\$0	\$0	\$408,995
Total Expense	\$49,995	\$50,000	\$300,000	\$0	\$0	\$399,995

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$49,995	\$50,000	\$99,995
Total	\$0	\$0	\$49,995	\$50,000	\$99,995

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$9,000)	\$9,000
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	(\$49,995)	\$300,000	\$309,000	(\$58,995)
Total	(\$49,995)	\$300,000	\$300,000	(\$49,995)

NARRATIVES

WLCF KC GR MID NEWAUKUM SP CK

1126744

Current Scope

King County Green Mid Newaukum Big Spring Creek - This new multiple-parcel project will acquire an addition to the Big Spring /Newaukum Creek Natural Area, with a first priority being a five-acre property at the corner of 244th Avenue SE and SE 424th Street, north of Enumclaw. The goal is to protect salmonid habitat and water quality on Newaukum Creek, and to maintain cold water flow conditions from Big Spring Creek into Newaukum Creek.

Project Justification

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive mid-July each year in accordance with Ordinance 14714.

Budget Request Basis

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive by July 1st each year, in accordance with Ordinance 14714. Recommended by the Conservation Futures Citizens Committee.

Project Status

Property will be appraised, offer of contract made to landowner, if negotiations are successful the contract closes and property is acquired. There is a goal of two years to complete an open space acquisition, after which, project proponents request extensions that the Conservation Futures Citizen Committee reviews and makes recommendations on to Executive and Council.

Alternatives Analysis

Alternative would be to abandon project, however that would be unwarranted, because there are willing sellers

Funding and Revenue Discussion

This project is funded by the Conservation Futures Levy.

Other Agency Involvement

No other agencies involved with this project.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WLCF KC GR MID NEWAUKUM SP CK

1126744

Art Eligibility

No. This project is not eligible for 1% Art. Project is for real estate acquisitions only.

Equity and Social Justice Impact

This project will provide public green space accessible to the general public, preserve or enhance environmental health, and/or provide a scenic amenity from a public park, open space or right of way. There is no negative impact to an underserved community.

Strategic Climate Action Plan Alignment

Conservation Futures urban and rural open space acquisition projects help King County meet its 2015 Strategic Climate Action Plan (SCAP) goals within 30 years. The projects help King County and its cities meet countywide GHG emissions reduction targets and adequately prepare for the impacts of climate change through permanently conserving remaining high-priority farm, forest, and other open spaces. Climate change response benefits of CFT-funded open space acquisitions include reduced trip distances by providing close-to-home open spaces; the capture of CO2 emissions in trees and other site vegetation; and reducing anticipated future flooding impacts through preserving or increasing flood storage capacity.

Operating Budget Impacts

No operating impact.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status: Approved

WLCF CAR CARN TOLT COMMONS PK

1129219

Department	NATURAL RESOURCES AND PARKS
Council District(s)	3
Fund	3151 CONSERV FUTURES SUB-FUND
Class Code	STANDALONE
Substantial Completion	
Location	East Bird Street near Stossel Avenue in Carnation
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$25,000	\$0	\$0	\$25,000
Total Budget	\$0	\$25,000	\$0	\$0	\$25,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31117 - CONSERV FUTURE LEVY CURRENT	\$25,000	\$0	\$0	\$25,000
Total Revenue	\$25,000	\$0	\$0	\$25,000

EXPENSE WLCF CAR CARN TOLT COMMONS PK 1129219

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$750)	\$0	\$0	(\$750)
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$25,750	\$0	\$0	\$25,750
Total Expense	\$0	\$0	\$25,000	\$0	\$0	\$25,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$750)	\$750
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$25,000	\$25,750	(\$750)
Total	\$0	\$25,000	\$25,000	\$0

NARRATIVES

WLCF CAR CARN TOLT COMMONS PK

1129219

Current Scope

Carnation Tolt Commons Park - This new project will acquire an addition to the Carnation Tolt Commons Park in Carnation city center. It will provide an expansion of an existing community Greenspace and farmers market.

Project Justification

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive mid-July each year in accordance with Ordinance 14714.

Budget Request Basis

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive by July 1st each year, in accordance with Ordinance 14714. Recommended by the Conservation Futures Citizens Committee.

Project Status

New Project

Alternatives Analysis

Alternative would be to abandon project, however that would be unwarranted, because there are willing sellers.

Funding and Revenue Discussion

This project is funded by the Conservation Futures Levy.

Other Agency Involvement

City of Carnation. Additional matching funding from other agency funds

Art Eligibility

No. This project is not eligible for 1% Art. Project is for real estate acquisitions only.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WLCF CAR CARN TOLT COMMONS PK

1129219

Equity and Social Justice Impact

This project will provide public green space accessible to the general public, preserve or enhance environmental health, and/or provide a scenic amenity from a public park, open space or right of way. There is no negative impact to an underserved community.

Strategic Climate Action Plan Alignment

Conservation Futures urban and rural open space acquisition projects help King County meet its 2015 Strategic Climate Action Plan (SCAP) goals within 30 years. The projects help King County and its cities meet countywide GHG emissions reduction targets and adequately prepare for the impacts of climate change through permanently conserving remaining high-priority farm, forest, and other open spaces. Climate change response benefits of CFT-funded open space acquisitions include reduced trip distances by providing close-to-home open spaces; the capture of CO2 emissions in trees and other site vegetation; and reducing anticipated future flooding impacts through preserving or increasing flood storage capacity.

Operating Budget Impacts

No operating impact.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WLCF FED HYLEBOS CK CONS

1129220

Department	NATURAL RESOURCES AND PARKS
Council District(s)	7
Fund	3151 CONSERV FUTURES SUB-FUND
Class Code	STANDALONE
Substantial Completion	
Location	West side of Pacific Highway south, near s. 359 Street in the City of Federal Way.
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition 01/02/17 - 12/31/20	\$0	\$98,300	\$0	\$0	\$98,300
Total Budget	\$0	\$98,300	\$0	\$0	\$98,300

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31117 - CONSERV FUTURE LEVY CURRENT	\$98,300	\$0	\$0	\$98,300
Total Revenue	\$98,300	\$0	\$0	\$98,300

EXPENSE

WLCF FED HYLEBOS CK CONS

1129220

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$2,949)	\$0	\$0	(\$2,949)
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$101,249	\$0	\$0	\$101,249
Total Expense	\$0	\$0	\$98,300	\$0	\$0	\$98,300

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$2,949)	\$2,949
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$98,300	\$101,249	(\$2,949)
Total	\$0	\$98,300	\$98,300	\$0

NARRATIVES

WLCF FED HYLEBOS CK CONS

1129220

Current Scope

Federal Way Hylebos Creek Conservation - This project will acquire a 6.92-acre parcel on Hylebos Creek in Federal Way, located on the west side of Pacific Highway South, near S. 359th Street. The project goal is to protect riparian and salmonid habitat, and it will allow for habitat restoration in the future.

Project Justification

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive mid-July each year in accordance with Ordinance 14714.

Budget Request Basis

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive by July 1st each year, in accordance with Ordinance 14714. Recommended by the Conservation Futures Citizens Committee.

Project Status

New Project

Alternatives Analysis

Alternative would be to abandon project, however that would be unwarranted, because there are willing sellers.

Funding and Revenue Discussion

This project is funded by the Conservation Futures Levy.

Other Agency Involvement

City of Federal Way. Additional matching funding from other agency funds

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WLCF FED HYLEBOS CK CONS

1129220

Art Eligibility

No. This project is not eligible for 1% Art. Project is for real estate acquisitions only.

Equity and Social Justice Impact

This project will provide public green space accessible to the general public, preserve or enhance environmental health, and/or provide a scenic amenity from a public park, open space or right of way. There is no negative impact to an underserved community.

Strategic Climate Action Plan Alignment

Conservation Futures urban and rural open space acquisition projects help King County meet its 2015 Strategic Climate Action Plan (SCAP) goals within 30 years. The projects help King County and its cities meet countywide GHG emissions reduction targets and adequately prepare for the impacts of climate change through permanently conserving remaining high-priority farm, forest, and other open spaces. Climate change response benefits of CFT-funded open space acquisitions include reduced trip distances by providing close-to-home open spaces; the capture of CO2 emissions in trees and other site vegetation; and reducing anticipated future flooding impacts through preserving or increasing flood storage capacity.

Operating Budget Impacts

No operating impact.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status: Approved

WLCF LFP SPU PROPERTY

1129221

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1
Fund	3151 CONSERV FUTURES SUB-FUND
Class Code	STANDALONE
Substantial Completion	
Location	40th Place NE, at the intersection of 45th Place NE in the city of Lake Forest Park.
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition 01/02/17 - 12/31/19	\$0	\$250,000	\$0	\$0	\$250,000
Total Budget	\$0	\$250,000	\$0	\$0	\$250,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31117 - CONSERV FUTURE LEVY CURRENT	\$250,000	\$0	\$0	\$250,000
Total Revenue	\$250,000	\$0	\$0	\$250,000

EXPENSE

WLCF LFP SPU PROPERTY

1129221

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$7,500)	\$0	\$0	(\$7,500)
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$257,500	\$0	\$0	\$257,500
Total Expense	\$0	\$0	\$250,000	\$0	\$0	\$250,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$7,500)	\$7,500
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$250,000	\$257,500	(\$7,500)
Total	\$0	\$250,000	\$250,000	\$0

NARRATIVES

WLCF LFP SPU PROPERTY

1129221

Current Scope

Lake Forest Park Seattle Public Utilities Property - This project will acquire up to 5.6 acres of woodland and stream habitat, located on 40th Place NE, at the intersection of 45th Place NE in the city of Lake Forest Park.

Project Justification

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive mid-July each year in accordance with Ordinance 14714.

Budget Request Basis

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive by July 1st each year, in accordance with Ordinance 14714. Recommended by the Conservation Futures Citizens Committee.

Project Status

New Project

Alternatives Analysis

Alternative would be to abandon project, however that would be unwarranted, because there are willing sellers.

Funding and Revenue Discussion

This project is funded by the Conservation Futures Levy.

Other Agency Involvement

City of Lake forest Park. Additional matching funding from other agency funds

Art Eligibility

No. This project is not eligible for 1% Art. Project is for real estate acquisitions only.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WLCF LFP SPU PROPERTY

1129221

Equity and Social Justice Impact

This project will provide public green space accessible to the general public, preserve or enhance environmental health, and/or provide a scenic amenity from a public park, open space or right of way. There is no negative impact to an underserved community.

Strategic Climate Action Plan Alignment

Conservation Futures urban and rural open space acquisition projects help King County meet its 2015 Strategic Climate Action Plan (SCAP) goals within 30 years. The projects help King County and its cities meet countywide GHG emissions reduction targets and adequately prepare for the impacts of climate change through permanently conserving remaining high-priority farm, forest, and other open spaces. Climate change response benefits of CFT-funded open space acquisitions include reduced trip distances by providing close-to-home open spaces; the capture of CO2 emissions in trees and other site vegetation; and reducing anticipated future flooding impacts through preserving or increasing flood storage capacity.

Operating Budget Impacts

No operating impact.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WLCF NBD PART PARK RSNAKE MTN

1129222

Department	NATURAL RESOURCES AND PARKS
Council District(s)	3
Fund	3151 CONSERV FUTURES SUB-FUND
Class Code	STANDALONE
Substantial Completion	
Location	The project is located along Ribary Way, immediately south of Interstate 90 and east of Interstate 90 Exit 31, in North Bend.
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition 01/02/17 - 12/31/19	\$0	\$1,000,000	\$0	\$0	\$1,000,000
Total Budget	\$0	\$1,000,000	\$0	\$0	\$1,000,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31117 - CONSERV FUTURE LEVY CURRENT	\$1,000,000	\$0	\$0	\$1,000,000
Total Revenue	\$1,000,000	\$0	\$0	\$1,000,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		WLCF NBD PART PARK RSNAKE MTN				1129222
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$30,000)	\$0	\$0	(\$30,000)
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$1,030,000	\$0	\$0	\$1,030,000
Total Expense	\$0	\$0	\$1,000,000	\$0	\$0	\$1,000,000

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$30,000)	\$30,000
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$1,000,000	\$1,030,000	(\$30,000)
Total	\$0	\$1,000,000	\$1,000,000	\$0

NARRATIVES

Current Scope

North Bend Partnering for a Park Rattlesnake Mountain - This project will acquire up to three parcels totaling 31.86 acres, located along Ribary Way, immediately south of Interstate 90 and east of Interstate 90 Exit 31, in North Bend.

Project Justification

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive mid-July each year in accordance with Ordinance 14714.

Budget Request Basis

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive by July 1st each year, in accordance with Ordinance 14714. Recommended by the Conservation Futures Citizens Committee.

Project Status

New Project

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WLCF NBD PART PARK RSNAKE MTN

1129222

Alternatives Analysis

Alternative would be to abandon project, however that would be unwarranted, because there is a willing seller.

Funding and Revenue Discussion

This project is funded by the Conservation Futures Levy.

Other Agency Involvement

Additional matching funding from City of North Bend - project sponsor

Art Eligibility

No. No. This project is not eligible for 1% Art. Project is for real estate acquisitions only.

Equity and Social Justice Impact

This project will provide public green space accessible to the general public, preserve or enhance environmental health, and/or provide a scenic amenity from a public park, open space or right of way. There is no negative impact to an underserved community.

Strategic Climate Action Plan Alignment

Conservation Futures urban and rural open space acquisition projects help King County meet its 2015 Strategic Climate Action Plan (SCAP) goals within 30 years. The projects help King County and its cities meet countywide GHG emissions reduction targets and adequately prepare for the impacts of climate change through permanently conserving remaining high-priority farm, forest, and other open spaces. Climate change response benefits of CFT-funded open space acquisitions include reduced trip distances by providing close-to-home open spaces; the capture of CO2 emissions in trees and other site vegetation; and reducing anticipated future flooding impacts through preserving or increasing flood storage capacity.

Operating Budget Impacts

No operating impact.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WLCF RNT MAY CK FAWCETT S

1129223

Department	NATURAL RESOURCES AND PARKS
Council District(s)	5
Fund	3151 CONSERV FUTURES SUB-FUND
Class Code	STANDALONE
Substantial Completion	
Location	South side of May Creek, east of Lake Washington Boulevard North, west of Interstate 405 in Renton
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$400,000	\$0	\$0	\$400,000
Total Budget	\$0	\$400,000	\$0	\$0	\$400,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31117 - CONSERV FUTURE LEVY CURRENT	\$400,000	\$0	\$0	\$400,000
Total Revenue	\$400,000	\$0	\$0	\$400,000

EXPENSE

WLCF RNT MAY CK FAWCETT S

1129223

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$12,000)	\$0	\$0	(\$12,000)
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$412,000	\$0	\$0	\$412,000
Total Expense	\$0	\$0	\$400,000	\$0	\$0	\$400,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$12,000)	\$12,000
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$400,000	\$412,000	(\$12,000)
Total	\$0	\$400,000	\$400,000	\$0

NARRATIVES

WLCF RNT MAY CK FAWCETT S

1129223

Current Scope

Renton May Creek Fawcett South - This new project will acquire a 5.23 acre open space parcel located on the south side of May Creek, east of Lake Washington Boulevard North, west of Interstate 405 in Renton. The project will preserve riparian and salmonid habitat, and allow for future habitat restoration. It is also a visual buffer for the May Creek Trail, which runs along the north side the creek.

Project Justification

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive mid-July each year in accordance with Ordinance 14714.

Budget Request Basis

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive by July 1st each year, in accordance with Ordinance 14714. Recommended by the Conservation Futures Citizens Committee.

Project Status

New Project

Alternatives Analysis

Alternative would be to abandon project, however that would be unwarranted, because there are willing sellers.

Funding and Revenue Discussion

This project is funded by the Conservation Futures Levy.

Other Agency Involvement

City of Renton . Additional matching funding from other agency funds

Art Eligibility

No. This project is not eligible for 1% Art. Project is for real estate acquisitions only.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WLCF RNT MAY CK FAWCETT S

1129223

Equity and Social Justice Impact

This new project will provide public green space accessible to the general public, preserve or enhance environmental health, and/or provide a scenic amenity from a public park, open space or right of way. There is no negative impact to an underserved community.

Strategic Climate Action Plan Alignment

Conservation Futures urban and rural open space acquisition projects help King County meet its 2015 Strategic Climate Action Plan (SCAP) goals within 30 years. The projects help King County and its cities meet countywide GHG emissions reduction targets and adequately prepare for the impacts of climate change through permanently conserving remaining high-priority farm, forest, and other open spaces. Climate change response benefits of CFT-funded open space acquisitions include reduced trip distances by providing close-to-home open spaces; the capture of CO2 emissions in trees and other site vegetation; and reducing anticipated future flooding impacts through preserving or increasing flood storage capacity.

Operating Budget Impacts

No operating impact.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WLCF SEA BITTER LK PLAY ADD

1129231

Department	NATURAL RESOURCES AND PARKS
Council District(s)	4
Fund	3151 CONSERV FUTURES SUB-FUND
Class Code	STANDALONE
Substantial Completion	
Location	Located north of N. 130th Street and west of Linden Avenue at Bitter Lake Place. The project will provide passive shoreline access to Bitter Lake and protect a rare large open space in north Seattle's Bitter Lake Hub Urban Village.
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$1,000,000	\$0	\$0	\$1,000,000
Total Budget	\$0	\$1,000,000	\$0	\$0	\$1,000,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31117 - CONSERV FUTURE LEVY CURRENT	\$1,000,000	\$0	\$0	\$1,000,000
Total Revenue	\$1,000,000	\$0	\$0	\$1,000,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		WLCF SEA BITTER LK PLAY ADD				1129231
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$30,000)	\$0	\$0	(\$30,000)
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$1,030,000	\$0	\$0	\$1,030,000
Total Expense	\$0	\$0	\$1,000,000	\$0	\$0	\$1,000,000

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$30,000)	\$30,000
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$1,000,000	\$1,030,000	(\$30,000)
Total	\$0	\$1,000,000	\$1,000,000	\$0

NARRATIVES	WLCF SEA BITTER LK PLAY ADD	1129231
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Current Scope

Seattle Bitter Lake Playfield Addition - This new project will acquire a 3.5 acre open space addition to the Bitter Lake Playfield in north Seattle. It is located north of N. 130th Street and west of Linden Avenue at Bitter Lake Place. The project will provide passive shoreline access to Bitter Lake and protect a rare large open space in north Seattle's Bitter Lake Hub Urban Village.

Project Justification

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive mid-July each year in accordance with Ordinance 14714.

Budget Request Basis

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive by July 1st each year, in accordance with Ordinance 14714. Recommended by the Conservation Futures Citizens Committee.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	WLCF SEA BITTER LK PLAY ADD	1129231
Project Status		
New Project		
Alternatives Analysis		
Alternative would be to abandon project, however that would be unwarranted, because there are willing sellers		
Funding and Revenue Discussion		
This project is funded by the Conservation Futures Levy.		
Other Agency Involvement		
City of Seattle. Additional matching funding from other agency funds		
Art Eligibility		
No. This project is not eligible for 1% Art. Project is for real estate acquisitions only.		
Equity and Social Justice Impact		
This project will provide public green space accessible to the general public, preserve or enhance environmental health, and/or provide a scenic amenity from a public park, open space or right of way. There is no negative impact to an underserved community.		
Strategic Climate Action Plan Alignment		
Conservation Futures urban and rural open space acquisition projects help King County meet its 2015 Strategic Climate Action Plan (SCAP) goals within 30 years. The projects help King County and its cities meet countywide GHG emissions reduction targets and adequately prepare for the impacts of climate change through permanently conserving remaining high-priority farm, forest, and other open spaces. Climate change response benefits of CFT-funded open space acquisitions include reduced trip distances by providing close-to-home open spaces; the capture of CO2 emissions in trees and other site vegetation; and reducing anticipated future flooding impacts through preserving or increasing flood storage capacity.		
Operating Budget Impacts		
No operating impact.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status: Approved

WLCF SEA LK CITY URB VILL ADD

1129232

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1
Fund	3151 CONSERV FUTURES SUB-FUND
Class Code	STANDALONE
Substantial Completion	
Location	Corner of NE 125th Street and 33rd Avenue NE, in the Lake City Hub Urban Village of Northeast Seattle.
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$1,200,000	\$0	\$0	\$1,200,000
Total Budget	\$0	\$1,200,000	\$0	\$0	\$1,200,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31117 - CONSERV FUTURE LEVY CURRENT	\$1,200,000	\$0	\$0	\$1,200,000
Total Revenue	\$1,200,000	\$0	\$0	\$1,200,000

EXPENSE

WLCF SEA LK CITY URB VILL ADD

1129232

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$36,000)	\$0	\$0	(\$36,000)
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$1,236,000	\$0	\$0	\$1,236,000
Total Expense	\$0	\$0	\$1,200,000	\$0	\$0	\$1,200,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$36,000)	\$36,000
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$1,200,000	\$1,236,000	(\$36,000)
Total	\$0	\$1,200,000	\$1,200,000	\$0

NARRATIVES

WLCF SEA LK CITY URB VILL ADD

1129232

Current Scope

Seattle Lake City Urban Village Addition - This project will acquire a .33-acre parcel as an addition to a parcel previously acquired by Seattle with Conservation Futures Funds for the purpose of helping to meet an open space shortfall in a urban neighborhood. The property is located at the corner of NE 125th Street and 33rd Avenue NE, in the Lake City Hub Urban Village of Northeast Seattle.

Project Justification

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive mid-July each year in accordance with Ordinance 14714.

Budget Request Basis

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive by July 1st each year, in accordance with Ordinance 14714. Recommended by the Conservation Futures Citizens Committee.

Project Status

New project

Alternatives Analysis

Alternative would be to abandon project, however that would be unwarranted, because there are willing sellers

Funding and Revenue Discussion

This project is funded by the Conservation Futures Levy.

Other Agency Involvement

City of Seattle. Additional matching funding from other agency funds

Art Eligibility

No. This project is not eligible for 1% Art. Project is for real estate acquisitions only.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WLCF SEA LK CITY URB VILL ADD

1129232

Equity and Social Justice Impact

This project will provide public green space accessible to the general public, preserve or enhance environmental health, and/or provide a scenic amenity from a public park, open space or right of way. There is no negative impact to an underserved community.

Strategic Climate Action Plan Alignment

Conservation Futures urban and rural open space acquisition projects help King County meet its 2015 Strategic Climate Action Plan (SCAP) goals within 30 years. The projects help King County and its cities meet countywide GHG emissions reduction targets and adequately prepare for the impacts of climate change through permanently conserving remaining high-priority farm, forest, and other open spaces. Climate change response benefits of CFT-funded open space acquisitions include reduced trip distances by providing close-to-home open spaces; the capture of CO2 emissions in trees and other site vegetation; and reducing anticipated future flooding impacts through preserving or increasing flood storage capacity.

Operating Budget Impacts

No operating impact.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status: Approved

WLCF SEA DELRIDGE OPEN SPACE

1129233

Department	NATURAL RESOURCES AND PARKS
Council District(s)	8
Fund	3151 CONSERV FUTURES SUB-FUND
Class Code	STANDALONE
Substantial Completion	
Location	23rd Avenue SW at the corner of SW Findlay Street in West Seattle's Delridge neighborhood.
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$40,000	\$0	\$0	\$40,000
Total Budget	\$0	\$40,000	\$0	\$0	\$40,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31117 - CONSERV FUTURE LEVY CURRENT	\$40,000	\$0	\$0	\$40,000
Total Revenue	\$40,000	\$0	\$0	\$40,000

EXPENSE

WLCF SEA DELRIDGE OPEN SPACE

1129233

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$1,200)	\$0	\$0	(\$1,200)
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$41,200	\$0	\$0	\$41,200
Total Expense	\$0	\$0	\$40,000	\$0	\$0	\$40,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$1,200)	\$1,200
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$40,000	\$41,200	(\$1,200)
Total	\$0	\$40,000	\$40,000	\$0

NARRATIVES

WLCF SEA DELRIDGE OPEN SPACE

1129233

Current Scope

Seattle Delridge Open Space - This project will acquire a .46-acre degraded wetland open space, located at 23rd Avenue SW at the corner of SW Findlay Street in West Seattle's Delridge neighborhood. The project will provide a setting for environmental education and community restoration of the natural features of the property.

Project Justification

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive mid-July each year in accordance with Ordinance 14714.

Budget Request Basis

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive by July 1st each year, in accordance with Ordinance 14714. Recommended by the Conservation Futures Citizens Committee.

Project Status

New Project

Alternatives Analysis

Alternative would be to abandon project, however that would be unwarranted, because there are willing sellers

Funding and Revenue Discussion

This project is funded by the Conservation Futures Levy.

Other Agency Involvement

City of Seattle. Additional matching funding from other agency funds

Art Eligibility

No. This project is not eligible for 1% Art. Project is for real estate acquisitions only.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WLCF SEA DELRIDGE OPEN SPACE

1129233

Equity and Social Justice Impact

This project will provide public green space accessible to the general public, preserve or enhance environmental health, and/or provide a scenic amenity from a public park, open space or right of way. There is no negative impact to an underserved community.

Strategic Climate Action Plan Alignment

Conservation Futures urban and rural open space acquisition projects help King County meet its 2015 Strategic Climate Action Plan (SCAP) goals within 30 years. The projects help King County and its cities meet countywide GHG emissions reduction targets and adequately prepare for the impacts of climate change through permanently conserving remaining high-priority farm, forest, and other open spaces. Climate change response benefits of CFT-funded open space acquisitions include reduced trip distances by providing close-to-home open spaces; the capture of CO2 emissions in trees and other site vegetation; and reducing anticipated future flooding impacts through preserving or increasing flood storage capacity.

Operating Budget Impacts

No operating impact.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status: Approved

WLCF SEA LAKERIDGE PARK ADD

1129234

Department	NATURAL RESOURCES AND PARKS
Council District(s)	2
Fund	3151 CONSERV FUTURES SUB-FUND
Class Code	STANDALONE
Substantial Completion	
Location	Holyoke Way South at South Ryan Street in south Seattle.
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$30,000	\$0	\$0	\$30,000
Total Budget	\$0	\$30,000	\$0	\$0	\$30,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31117 - CONSERV FUTURE LEVY CURRENT	\$30,000	\$0	\$0	\$30,000
Total Revenue	\$30,000	\$0	\$0	\$30,000

EXPENSE

WLCF SEA LAKERIDGE PARK ADD

1129234

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$900)	\$0	\$0	(\$900)
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$30,900	\$0	\$0	\$30,900
Total Expense	\$0	\$0	\$30,000	\$0	\$0	\$30,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$900)	\$900
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$30,000	\$30,900	(\$900)
Total	\$0	\$30,000	\$30,000	\$0

NARRATIVES

WLCF SEA LAKERIDGE PARK ADD

1129234

Current Scope

Seattle Lakeridge Park Addition - This project will acquire a .125-acre inholding in south Seattle's Lakeridge Park. It is located on Holyoke Way South at South Ryan Street in south Seattle.

Project Justification

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive mid-July each year in accordance with Ordinance 14714.

Budget Request Basis

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive by July 1st each year, in accordance with Ordinance 14714. Recommended by the Conservation Futures Citizens Committee.

Project Status

New Project

Alternatives Analysis

Alternative would be to abandon project, however that would be unwarranted, because there are willing sellers

Funding and Revenue Discussion

This project is funded by the Conservation Futures Levy.

Other Agency Involvement

City of Seattle. Additional matching funding from other agency funds.

Art Eligibility

No. This project is not eligible for 1% Art. Project is for real estate acquisitions only.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WLCF SEA LAKERIDGE PARK ADD

1129234

Equity and Social Justice Impact

This project will provide public green space accessible to the general public, preserve or enhance environmental health, and/or provide a scenic amenity from a public park, open space or right of way. There is no negative impact to an underserved community.

Strategic Climate Action Plan Alignment

Conservation Futures urban and rural open space acquisition projects help King County meet its 2015 Strategic Climate Action Plan (SCAP) goals within 30 years. The projects help King County and its cities meet countywide GHG emissions reduction targets and adequately prepare for the impacts of climate change through permanently conserving remaining high-priority farm, forest, and other open spaces. Climate change response benefits of CFT-funded open space acquisitions include reduced trip distances by providing close-to-home open spaces; the capture of CO2 emissions in trees and other site vegetation; and reducing anticipated future flooding impacts through preserving or increasing flood storage capacity.

Operating Budget Impacts

No operating impact.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status: Approved

WLCF LONGFELLOW CREEK ADD

1129235

Department	NATURAL RESOURCES AND PARKS
Council District(s)	8
Fund	3151 CONSERV FUTURES SUB-FUND
Class Code	STANDALONE
Substantial Completion	
Location	Located on 24th Avenue SW near the intersection with 25th Ave. SW in West Seattle
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$200,000	\$0	\$0	\$200,000
Total Budget	\$0	\$200,000	\$0	\$0	\$200,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31117 - CONSERV FUTURE LEVY CURRENT	\$200,000	\$0	\$0	\$200,000
Total Revenue	\$200,000	\$0	\$0	\$200,000

EXPENSE

WLCF LONGFELLOW CREEK ADD

1129235

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$6,000)	\$0	\$0	(\$6,000)
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$206,000	\$0	\$0	\$206,000
Total Expense	\$0	\$0	\$200,000	\$0	\$0	\$200,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$6,000)	\$6,000
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$200,000	\$206,000	(\$6,000)
Total	\$0	\$200,000	\$200,000	\$0

NARRATIVES

WLCF LONGFELLOW CREEK ADD

1129235

Current Scope

Longfellow Creek Addition - This project will acquire a .12 acre property located on 24th Avenue SW, near the intersection with 25th Ave. SW in West Seattle. The project will provide an addition to Seattle's Longfellow Creek Greenspace, and allow for future restoration of the creek channel. The property contains a house that will be removed.

Project Justification

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive mid-July each year in accordance with Ordinance 14714.

Budget Request Basis

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive by July 1st each year, in accordance with Ordinance 14714. Recommended by the Conservation Futures Citizens Committee.

Project Status

New Project

Alternatives Analysis

Alternative would be to abandon project, however that would be unwarranted, because there are willing sellers

Funding and Revenue Discussion

This project is funded by the Conservation Futures Levy.

Other Agency Involvement

City of Seattle. Additional matching funding from other agency funds.

Art Eligibility

No. This project is not eligible for 1% Art. Project is for real estate acquisitions only.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WLCF LONGFELLOW CREEK ADD

1129235

Equity and Social Justice Impact

This project will provide public green space accessible to the general public, preserve or enhance environmental health, and/or provide a scenic amenity from a public park, open space or right of way. There is no negative impact to an underserved community.

Strategic Climate Action Plan Alignment

Conservation Futures urban and rural open space acquisition projects help King County meet its 2015 Strategic Climate Action Plan (SCAP) goals within 30 years. The projects help King County and its cities meet countywide GHG emissions reduction targets and adequately prepare for the impacts of climate change through permanently conserving remaining high-priority farm, forest, and other open spaces. Climate change response benefits of CFT-funded open space acquisitions include reduced trip distances by providing close-to-home open spaces; the capture of CO2 emissions in trees and other site vegetation; and reducing anticipated future flooding impacts through preserving or increasing flood storage capacity.

Operating Budget Impacts

No operating impact.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status: Approved

WLCF MAGNOLIA GREENBELT

1129237

Department	NATURAL RESOURCES AND PARKS
Council District(s)	4
Fund	3151 CONSERV FUTURES SUB-FUND
Class Code	STANDALONE
Substantial Completion	
Location	Located within the Magnolia Greenbelt, north of the Magnolia bridge in Seattle's Magnolia neighborhood.
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$40,000	\$0	\$0	\$40,000
Total Budget	\$0	\$40,000	\$0	\$0	\$40,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31117 - CONSERV FUTURE LEVY CURRENT	\$40,000	\$0	\$0	\$40,000
Total Revenue	\$40,000	\$0	\$0	\$40,000

EXPENSE

WLCF MAGNOLIA GREENBELT

1129237

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$1,200)	\$0	\$0	(\$1,200)
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$41,200	\$0	\$0	\$41,200
Total Expense	\$0	\$0	\$40,000	\$0	\$0	\$40,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$1,200)	\$1,200
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$40,000	\$41,200	(\$1,200)
Total	\$0	\$40,000	\$40,000	\$0

NARRATIVES

WLCF MAGNOLIA GREENBELT

1129237

Current Scope

Magnolia Greenbelt - This project will acquire two inholding parcels totaling .4-acres, in the Magnolia Greenbelt, located north of the Magnolia bridge in Seattle's Magnolia neighborhood.

Project Justification

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive mid-July each year in accordance with Ordinance 14714

Budget Request Basis

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive by July 1st each year, in accordance with Ordinance 14714. Recommended by the Conservation Futures Citizens Committee.

Project Status

New Project

Alternatives Analysis

Alternative would be to abandon project, however that would be unwarranted, because there are willing sellers

Funding and Revenue Discussion

This project is funded by the Conservation Futures Levy.

Other Agency Involvement

City of Seattle. Additional matching funding from other agency funds.

Art Eligibility

No. This project is not eligible for 1% Art. Project is for real estate acquisitions only.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WLCF MAGNOLIA GREENBELT

1129237

Equity and Social Justice Impact

This project will provide public green space accessible to the general public, preserve or enhance environmental health, and/or provide a scenic amenity from a public park, open space or right of way. There is no negative impact to an underserved community.

Strategic Climate Action Plan Alignment

Conservation Futures urban and rural open space acquisition projects help King County meet its 2015 Strategic Climate Action Plan (SCAP) goals within 30 years. The projects help King County and its cities meet countywide GHG emissions reduction targets and adequately prepare for the impacts of climate change through permanently conserving remaining high-priority farm, forest, and other open spaces. Climate change response benefits of CFT-funded open space acquisitions include reduced trip distances by providing close-to-home open spaces; the capture of CO2 emissions in trees and other site vegetation; and reducing anticipated future flooding impacts through preserving or increasing flood storage capacity.

Operating Budget Impacts

No operating impact.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WLCF SEA NTH BEACH NAT AREA

1129238

Department	NATURAL RESOURCES AND PARKS
Council District(s)	4
Fund	3151 CONSERV FUTURES SUB-FUND
Class Code	STANDALONE
Substantial Completion	
Location	On the mapped street NW 91st Street, east of 30th Avenue NW in northwest Seattle. the property is in a wooded ravine.
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$30,000	\$0	\$0	\$30,000
Total Budget	\$0	\$30,000	\$0	\$0	\$30,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31117 - CONSERV FUTURE LEVY CURRENT	\$30,000	\$0	\$0	\$30,000
Total Revenue	\$30,000	\$0	\$0	\$30,000

EXPENSE

WLCF SEA NTH BEACH NAT AREA

1129238

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$900)	\$0	\$0	(\$900)
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$30,900	\$0	\$0	\$30,900
Total Expense	\$0	\$0	\$30,000	\$0	\$0	\$30,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$900)	\$900
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$30,000	\$30,900	(\$900)
Total	\$0	\$30,000	\$30,000	\$0

NARRATIVES

WLCF SEA NTH BEACH NAT AREA

1129238

Current Scope

Seattle North Beach Natural Area - This project will acquire a woodland .26-acre parcel located in the North Beach Natural Area. It is located on the mapped street NW 91st Street, east of 30th Avenue NW in northwest Seattle.

Project Justification

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive mid-July each year in accordance with Ordinance 14714.

Budget Request Basis

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive by July 1st each year, in accordance with Ordinance 14714. Recommended by the Conservation Futures Citizens Committee.

Project Status

New Project

Alternatives Analysis

Alternative would be to abandon project, however that would be unwarranted, because there are willing sellers

Funding and Revenue Discussion

This project is funded by the Conservation Futures Levy.

Other Agency Involvement

City of Seattle. Additional matching funding from other agency funds.

Art Eligibility

No. This project is not eligible for 1% Art. Project is for real estate acquisitions only.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WLCF SEA NTH BEACH NAT AREA

1129238

Equity and Social Justice Impact

This project will provide public green space accessible to the general public, preserve or enhance environmental health, and/or provide a scenic amenity from a public park, open space or right of way. There is no negative impact to an underserved community.

Strategic Climate Action Plan Alignment

Conservation Futures urban and rural open space acquisition projects help King County meet its 2015 Strategic Climate Action Plan (SCAP) goals within 30 years. The projects help King County and its cities meet countywide GHG emissions reduction targets and adequately prepare for the impacts of climate change through permanently conserving remaining high-priority farm, forest, and other open spaces. Climate change response benefits of CFT-funded open space acquisitions include reduced trip distances by providing close-to-home open spaces; the capture of CO2 emissions in trees and other site vegetation; and reducing anticipated future flooding impacts through preserving or increasing flood storage capacity.

Operating Budget Impacts

No operating impact.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status: Approved

WLCF KC EMERALD NECKLACE TRAIL

1129250

Department	NATURAL RESOURCES AND PARKS
Council District(s)	3
Fund	3151 CONSERV FUTURES SUB-FUND
Class Code	STANDALONE
Substantial Completion	
Location	East of NE 9th Street, north of Soaring Eagle Park in unincorporated King County, east of the City of Sammamish.
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$200,000	\$0	\$0	\$200,000
Total Budget	\$0	\$200,000	\$0	\$0	\$200,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31117 - CONSERV FUTURE LEVY CURRENT	\$200,000	\$0	\$0	\$200,000
Total Revenue	\$200,000	\$0	\$0	\$200,000

EXPENSE

WLCF KC EMERALD NECKLACE TRAIL

1129250

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$6,000)	\$0	\$0	(\$6,000)
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$206,000	\$0	\$0	\$206,000
Total Expense	\$0	\$0	\$200,000	\$0	\$0	\$200,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$6,000)	\$6,000
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$200,000	\$206,000	(\$6,000)
Total	\$0	\$200,000	\$200,000	\$0

NARRATIVES

WLCF KC EMERALD NECKLACE TRAIL

1129250

Current Scope

King County Emerald Necklace Trail - This project will acquire up to 160 forested acres, in eight parcels, located east of NE 9th Street, north of Soaring Eagle Park in unincorporated King County. The project area is just to the east of the City of Sammamish. The project will provide upland habitat protection and a passive trail connection between Soaring Eagle Park and King County's Patterson Creek Natural Area.

Project Justification

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive mid-July each year in accordance with Ordinance 14714.

Budget Request Basis

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive by July 1st each year, in accordance with Ordinance 14714. Recommended by the Conservation Futures Citizens Committee.

Project Status

New Project

Alternatives Analysis

Alternative would be to abandon project, however that would be unwarranted, because there are willing sellers

Funding and Revenue Discussion

This project is funded by the Conservation Futures Levy.

Other Agency Involvement

City of Sammamish is a supporter of the project.

Art Eligibility

No. This project is not eligible for 1% Art. Project is for real estate acquisitions only.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WLCF KC EMERALD NECKLACE TRAIL

1129250

Equity and Social Justice Impact

This project will provide public green space accessible to the general public, preserve or enhance environmental health, and/or provide a scenic amenity from a public park, open space or right of way. There is no negative impact to an underserved community.

Strategic Climate Action Plan Alignment

Conservation Futures urban and rural open space acquisition projects help King County meet its 2015 Strategic Climate Action Plan (SCAP) goals within 30 years. The projects help King County and its cities meet countywide GHG emissions reduction targets and adequately prepare for the impacts of climate change through permanently conserving remaining high-priority farm, forest, and other open spaces. Climate change response benefits of CFT-funded open space acquisitions include reduced trip distances by providing close-to-home open spaces; the capture of CO2 emissions in trees and other site vegetation; and reducing anticipated future flooding impacts through preserving or increasing flood storage capacity.

Operating Budget Impacts

No operating impact.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WLCF KC SNOQUALMIE FOREST

1129252

Department	NATURAL RESOURCES AND PARKS
Council District(s)	3
Fund	3151 CONSERV FUTURES SUB-FUND
Class Code	STANDALONE
Substantial Completion	
Location	Located within and along the border of the 89,000-acre conservation easement held by King County over the Snoqualmie Forest, east of Carnation.
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$25,000	\$0	\$0	\$25,000
Total Budget	\$0	\$25,000	\$0	\$0	\$25,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31117 - CONSERV FUTURE LEVY CURRENT	\$25,000	\$0	\$0	\$25,000
Total Revenue	\$25,000	\$0	\$0	\$25,000

EXPENSE

WLCF KC SNOQUALMIE FOREST

1129252

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$750)	\$0	\$0	(\$750)
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$25,750	\$0	\$0	\$25,750
Total Expense	\$0	\$0	\$25,000	\$0	\$0	\$25,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$750)	\$750
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$25,000	\$25,750	(\$750)
Total	\$0	\$25,000	\$25,000	\$0

NARRATIVES

WLCF KC SNOQUALMIE FOREST

1129252

Current Scope

King County Snoqualmie Forest - This new project will pursue property title and appraisal information, as well as initial landowner discussion, for unprotected forest lands located within and along the border of the 89,000-acre conservation easement held by King County over the Snoqualmie Forest, east of Carnation.

Project Justification

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive mid-July each year in accordance with Ordinance 14714.

Budget Request Basis

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive by July 1st each year, in accordance with Ordinance 14714. Recommended by the Conservation Futures Citizens Committee.

Project Status

New project

Alternatives Analysis

Alternative would be to abandon project, however that would be unwarranted, because there are willing sellers

Funding and Revenue Discussion

This project is funded by the Conservation Futures Levy.

Other Agency Involvement

NA

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WLCF KC SNOQUALMIE FOREST

1129252

Art Eligibility

No. This project is not eligible for 1% Art. Project is for real estate acquisitions only.

Equity and Social Justice Impact

This project will provide public green space accessible to the general public, preserve or enhance environmental health, and/or provide a scenic amenity from a public park, open space or right of way. There is no negative impact to an underserved community.

Strategic Climate Action Plan Alignment

Conservation Futures urban and rural open space acquisition projects help King County meet its 2015 Strategic Climate Action Plan (SCAP) goals within 30 years. The projects help King County and its cities meet countywide GHG emissions reduction targets and adequately prepare for the impacts of climate change through permanently conserving remaining high-priority farm, forest, and other open spaces. Climate change response benefits of CFT-funded open space acquisitions include reduced trip distances by providing close-to-home open spaces; the capture of CO2 emissions in trees and other site vegetation; and reducing anticipated future flooding impacts through preserving or increasing flood storage capacity.

Operating Budget Impacts

No operating impact.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WLCF KC COUGAR MTN PARK ADD

1129253

Department	NATURAL RESOURCES AND PARKS
Council District(s)	9
Fund	3151 CONSERV FUTURES SUB-FUND
Class Code	STANDALONE
Substantial Completion	
Location	Located in unincorporated King County, at the terminus of Bear Ridge Ct. NW, at Harvey Manning Park.
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$50,000	\$0	\$0	\$50,000
Total Budget	\$0	\$50,000	\$0	\$0	\$50,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31117 - CONSERV FUTURE LEVY CURRENT	\$50,000	\$0	\$0	\$50,000
Total Revenue	\$50,000	\$0	\$0	\$50,000

EXPENSE

WLCF KC COUGAR MTN PARK ADD

1129253

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$1,500)	\$0	\$0	(\$1,500)
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$51,500	\$0	\$0	\$51,500
Total Expense	\$0	\$0	\$50,000	\$0	\$0	\$50,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$1,500)	\$1,500
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$50,000	\$51,500	(\$1,500)
Total	\$0	\$50,000	\$50,000	\$0

NARRATIVES

WLCF KC COUGAR MTN PARK ADD

1129253

Current Scope

King County Cougar Mountain Park Additions - This new project will acquire up to 104 forested acres of additional property adjoining Cougar Mountain Regional Wildland Park, just west of the City of Issaquah. The properties will provide a habitat and visual buffer to the access hiking trail that leads from Newport Way up to the park.

Project Justification

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive mid-July each year in accordance with Ordinance 14714.

Budget Request Basis

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive by July 1st each year, in accordance with Ordinance 14714. Recommended by the Conservation Futures Citizens Committee.

Project Status

New Project

Alternatives Analysis

Alternative would be to abandon project, however that would be unwarranted, because there are willing sellers

Funding and Revenue Discussion

This project is funded by the Conservation Futures Levy.

Other Agency Involvement

No other agencies involved with this project.

Art Eligibility

No. This project is not eligible for 1% Art. Project is for real estate acquisitions only.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WLCF KC COUGAR MTN PARK ADD

1129253

Equity and Social Justice Impact

This project will provide public green space accessible to the general public, preserve or enhance environmental health, and/or provide a scenic amenity from a public park, open space or right of way. There is no negative impact to an underserved community.

Strategic Climate Action Plan Alignment

Conservation Futures urban and rural open space acquisition projects help King County meet its 2015 Strategic Climate Action Plan (SCAP) goals within 30 years. The projects help King County and its cities meet countywide GHG emissions reduction targets and adequately prepare for the impacts of climate change through permanently conserving remaining high-priority farm, forest, and other open spaces. Climate change response benefits of CFT-funded open space acquisitions include reduced trip distances by providing close-to-home open spaces; the capture of CO2 emissions in trees and other site vegetation; and reducing anticipated future flooding impacts through preserving or increasing flood storage capacity.

Operating Budget Impacts

No operating impact.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WLCF KC LWR CEDAR/MTH TAY

1129255

Department	NATURAL RESOURCES AND PARKS
Council District(s)	9
Fund	3151 CONSERV FUTURES SUB-FUND
Class Code	STANDALONE
Substantial Completion	
Location	East of Maxwell road on Taylor Creek, north of the City of Maple Valley
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$300,000	\$0	\$0	\$300,000
Total Budget	\$0	\$300,000	\$0	\$0	\$300,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31117 - CONSERV FUTURE LEVY CURRENT	\$300,000	\$0	\$0	\$300,000
Total Revenue	\$300,000	\$0	\$0	\$300,000

EXPENSE

WLCF KC LWR CEDAR/MTH TAY

1129255

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$9,000)	\$0	\$0	(\$9,000)
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$309,000	\$0	\$0	\$309,000
Total Expense	\$0	\$0	\$300,000	\$0	\$0	\$300,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$9,000)	\$9,000
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$300,000	\$309,000	(\$9,000)
Total	\$0	\$300,000	\$300,000	\$0

NARRATIVES

WLCF KC LWR CEDAR/MTH TAY

1129255

Current Scope

King County Lower Cedar River/Mouth of Taylor - This is a new project that will acquire 9.9 acres (2 parcels) in for wetland restoration that will benefit salmon species in the Cedar River Watershed. The project is located on Maxwell Road on Taylor Creek, north of the City of Maple Valley.

Project Justification

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive mid-July each year in accordance with Ordinance 14714.

Budget Request Basis

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive by July 1st each year, in accordance with Ordinance 14714. Recommended by the Conservation Futures Citizens Committee.

Project Status

New Project

Alternatives Analysis

Alternative would be to abandon project, however that would be unwarranted, because there are willing sellers

Funding and Revenue Discussion

This project is funded by the Conservation Futures Levy.

Other Agency Involvement

N/A

Art Eligibility

No. This project is not eligible for 1% Art. Project is for real estate acquisitions only.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WLCF KC LWR CEDAR/MTH TAY

1129255

Equity and Social Justice Impact

This project will provide public green space accessible to the general public, preserve or enhance environmental health, and/or provide a scenic amenity from a public park, open space or right of way. There is no negative impact to an underserved community.

Strategic Climate Action Plan Alignment

Conservation Futures urban and rural open space acquisition projects help King County meet its 2015 Strategic Climate Action Plan (SCAP) goals within 30 years. The projects help King County and its cities meet countywide GHG emissions reduction targets and adequately prepare for the impacts of climate change through permanently conserving remaining high-priority farm, forest, and other open spaces. Climate change response benefits of CFT-funded open space acquisitions include reduced trip distances by providing close-to-home open spaces; the capture of CO2 emissions in trees and other site vegetation; and reducing anticipated future flooding impacts through preserving or increasing flood storage capacity.

Operating Budget Impacts

No operating impact.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WLCF KC BIG BEACH

1129264

Department	NATURAL RESOURCES AND PARKS
Council District(s)	8
Fund	3151 CONSERV FUTURES SUB-FUND
Class Code	STANDALONE
Substantial Completion	
Location	Located along the southern shoreline of Vashon Island at the entrance to Quartermaster Harbor, near SW 266th Lane and 125th Place SW.
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$350,000	\$0	\$0	\$350,000
Total Budget	\$0	\$350,000	\$0	\$0	\$350,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31117 - CONSERV FUTURE LEVY CURRENT	\$350,000	\$0	\$0	\$350,000
Total Revenue	\$350,000	\$0	\$0	\$350,000

EXPENSE

WLCF KC BIG BEACH

1129264

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$10,500)	\$0	\$0	(\$10,500)
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$360,500	\$0	\$0	\$360,500
Total Expense	\$0	\$0	\$350,000	\$0	\$0	\$350,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$10,500)	\$10,500
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$350,000	\$360,500	(\$10,500)
Total	\$0	\$350,000	\$350,000	\$0

NARRATIVES

WLCF KC BIG BEACH

1129264

Current Scope

King County Big Beach - This new project has a first priority of acquiring two parcels totaling five acres, within a larger project area of 28 parcels and 76 acres. It is located along the southern shoreline of Vashon Island at the entrance to Quartermaster Harbor, near SW 266th Lane and 125th Place SW. The goal of the project is to protect the natural beach habitat functions, including beach sand and gravel replenishment from shoreline bluffs, which is necessary in the life cycle of salmon species from throughout Puget Sound.

Project Justification

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive mid-July each year in accordance with Ordinance 14714.

Budget Request Basis

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive by July 1st each year, in accordance with Ordinance 14714. Recommended by the Conservation Futures Citizens Committee.

Project Status

New Project

Alternatives Analysis

Alternative would be to abandon project, however that would be unwarranted, because there are willing sellers

Funding and Revenue Discussion

This project is funded by the Conservation Futures Levy.

Other Agency Involvement

No other agencies involved with this project.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WLCF KC BIG BEACH

1129264

Art Eligibility

No. This project is not eligible for 1% Art. Project is for real estate acquisitions only.

Equity and Social Justice Impact

This project will provide public green space accessible to the general public, preserve or enhance environmental health, and/or provide a scenic amenity from a public park, open space or right of way. There is no negative impact to an underserved community.

Strategic Climate Action Plan Alignment

Conservation Futures urban and rural open space acquisition projects help King County meet its 2015 Strategic Climate Action Plan (SCAP) goals within 30 years. The projects help King County and its cities meet countywide GHG emissions reduction targets and adequately prepare for the impacts of climate change through permanently conserving remaining high-priority farm, forest, and other open spaces. Climate change response benefits of CFT-funded open space acquisitions include reduced trip distances by providing close-to-home open spaces; the capture of CO2 emissions in trees and other site vegetation; and reducing anticipated future flooding impacts through preserving or increasing flood storage capacity.

Operating Budget Impacts

No operating impact.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WLCF KC MAURY IS ADD-COMM TR

1129266

Department	NATURAL RESOURCES AND PARKS
Council District(s)	8
Fund	3151 CONSERV FUTURES SUB-FUND
Class Code	STANDALONE
Substantial Completion	
Location	SW 260th Street on Maury Island, near Maury Island Marine Park.
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$200,000	\$0	\$0	\$200,000
Total Budget	\$0	\$200,000	\$0	\$0	\$200,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31117 - CONSERV FUTURE LEVY CURRENT	\$200,000	\$0	\$0	\$200,000
Total Revenue	\$200,000	\$0	\$0	\$200,000

EXPENSE

WLCF KC MAURY IS ADD-COMM TR

1129266

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$6,000)	\$0	\$0	(\$6,000)
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$206,000	\$0	\$0	\$206,000
Total Expense	\$0	\$0	\$200,000	\$0	\$0	\$200,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$6,000)	\$6,000
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$200,000	\$206,000	(\$6,000)
Total	\$0	\$200,000	\$200,000	\$0

NARRATIVES

WLCF KC MAURY IS ADD-COMM TR

1129266

Current Scope

King County Maury Island Additions-Community Trails - This new project will acquire a 20-acre forested parcel adjacent to the Maury Island Natural Area, on SW 260th Street, to allow for a trail connection between the Natural Area and the Maury Island Marine Park.

Project Justification

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive mid-July each year in accordance with Ordinance 14714.

Budget Request Basis

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive by July 1st each year, in accordance with Ordinance 14714. Recommended by the Conservation Futures Citizens Committee.

Project Status

New Project

Alternatives Analysis

Alternative would be to abandon project, however that would be unwarranted, because there are willing sellers

Funding and Revenue Discussion

This project is funded by the Conservation Futures Levy.

Other Agency Involvement

No other agencies involved with this project.

Art Eligibility

No. This project is not eligible for 1% Art. Project is for real estate acquisitions only.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WLCF KC MAURY IS ADD-COMM TR

1129266

Equity and Social Justice Impact

This project will provide public green space accessible to the general public, preserve or enhance environmental health, and/or provide a scenic amenity from a public park, open space or right of way. There is no negative impact to an underserved community

Strategic Climate Action Plan Alignment

Conservation Futures urban and rural open space acquisition projects help King County meet its 2015 Strategic Climate Action Plan (SCAP) goals within 30 years. The projects help King County and its cities meet countywide GHG emissions reduction targets and adequately prepare for the impacts of climate change through permanently conserving remaining high-priority farm, forest, and other open spaces. Climate change response benefits of CFT-funded open space acquisitions include reduced trip distances by providing close-to-home open spaces; the capture of CO2 emissions in trees and other site vegetation; and reducing anticipated future flooding impacts through preserving or increasing flood storage capacity.

Operating Budget Impacts

No operating impact.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WLCF KC PINER POINT NAT AREA

1129267

Department	NATURAL RESOURCES AND PARKS
Council District(s)	8
Fund	3151 CONSERV FUTURES SUB-FUND
Class Code	STANDALONE
Substantial Completion	
Location	The Piner Point Natural Area project is a multiple-parcel acquisition project that will acquire approximately 1,000 feet of shoreline and bluff habitat lying between King County's Piner Point Natural Area and Northilla Beach Natural Area. Located on the southernmost tip of Maury Island.
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$250,000	\$0	\$0	\$250,000
Total Budget	\$0	\$250,000	\$0	\$0	\$250,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31117 - CONSERV FUTURE LEVY CURRENT	\$250,000	\$0	\$0	\$250,000
Total Revenue	\$250,000	\$0	\$0	\$250,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		WLCF KC PINER POINT NAT AREA					1129267
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense	
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0	
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0	
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0	
4 Implementation	\$0	\$0	(\$7,500)	\$0	\$0	(\$7,500)	
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0	
6 Acquisition	\$0	\$0	\$257,500	\$0	\$0	\$257,500	
Total Expense	\$0	\$0	\$250,000	\$0	\$0	\$250,000	

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$7,500)	\$7,500
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$250,000	\$257,500	(\$7,500)
Total	\$0	\$250,000	\$250,000	\$0

NARRATIVES WLCF KC PINER POINT NAT AREA 1129267

Current Scope

King County Piner Point Natural Area - The Piner Point Natural Area project is a new multiple-parcel acquisition project that will acquire approximately 1,000 feet of shoreline and bluff habitat lying between King County's Piner Point Natural Area and Northilla Beach Natural Area. The project will purchase several smaller parcels in fee or conservation easements, though fee interests are more desirable, to better allow for better ecological restoration of some of the parcels. There are existing bulkheads and smaller house/cabin structures that would be removed. The project will provide improved public access and scenic views of Mount Rainier, downtown Tacoma and Puget Sound. The project includes a scope of 17 acres and 24 parcels. The first priority for acquisition with this funding is four parcels located at or near the terminus of Piner Point Road SW. the contain dwellings that will be removed, to allow for improved beach replenishment necessary for improved shoreline habitat. This project will benefit shoreline species, including salmonid species from throughout Puget Sound.

Project Justification

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive by July 1st each year, in accordance with Ordinance 14714.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WLCF KC PINER POINT NAT AREA

1129267

Budget Request Basis

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive by July 1st each year, in accordance with Ordinance 14714. Recommended by the Conservation Futures Citizens Committee.

Project Status

New Project.

Alternatives Analysis

Alternatives considered are: Single Alternative.

Funding and Revenue Discussion

This project is funded by the Conservation Futures Levy.

Other Agency Involvement

No other agencies involved with this project.

Art Eligibility

No. No, this project is not eligible for 1% Art. Project is for real estate acquisition only.

Equity and Social Justice Impact

This project will provide public green space accessible to the general public, preserve or enhance health, and/or provide a scenic amenity from a public park, open space or right of way.

Strategic Climate Action Plan Alignment

Conservation Futures urban and rural open space acquisition projects help King County meet its 2015 Strategic Climate Action Plan (SCAP) goals within 30 years. The projects help King County and its cities meet countywide GHG emissions reduction targets and adequately prepare for the impacts of climate change through permanently conserving remaining high-priority farm, forest, and other open spaces. Climate change response benefits of CFT-funded open space acquisitions include reduced trip distances by providing close-to-home open spaces; the capture of CO2 emissions in trees and other site vegetation; and reducing anticipated future flooding impacts through preserving or increasing flood storage capacity.

Operating Budget Impacts

No operating impact.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WLCF KC VASHON SPRING BEACH

1129268

Department	NATURAL RESOURCES AND PARKS
Council District(s)	8
Fund	3151 CONSERV FUTURES SUB-FUND
Class Code	STANDALONE
Substantial Completion	
Location	On Puget Sound, along the west shoreline of Vashon Island, north of Spring Beach Road.
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$140,000	\$0	\$0	\$140,000
Total Budget	\$0	\$140,000	\$0	\$0	\$140,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31117 - CONSERV FUTURE LEVY CURRENT	\$140,000	\$0	\$0	\$140,000
Total Revenue	\$140,000	\$0	\$0	\$140,000

EXPENSE

WLCF KC VASHON SPRING BEACH

1129268

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$4,200)	\$0	\$0	(\$4,200)
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$144,200	\$0	\$0	\$144,200
Total Expense	\$0	\$0	\$140,000	\$0	\$0	\$140,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$4,200)	\$4,200
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$140,000	\$144,200	(\$4,200)
Total	\$0	\$140,000	\$140,000	\$0

NARRATIVES

WLCF KC VASHON SPRING BEACH

1129268

Current Scope

King County Vashon Spring Beach - This new project will acquire 3 parcels totaling 70 forested acres, located On Puget Sound, along the west shoreline of Vashon Island, north of Spring Beach Road. The goal of the project is to protect shoreline habitat and to link the existing shoreline habitat at Spring Beach Park with permanently protected habitat located immediately to the north at Camp Sealth.

Project Justification

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive mid-July each year in accordance with Ordinance 14714.

Budget Request Basis

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive by July 1st each year, in accordance with Ordinance 14714. Recommended by the Conservation Futures Citizens Committee.

Project Status

New Project

Alternatives Analysis

Alternative would be to abandon project, however that would be unwarranted, because there are willing sellers

Funding and Revenue Discussion

This project is funded by the Conservation Futures Levy.

Other Agency Involvement

No other agencies involved with this project.

Art Eligibility

No. This project is not eligible for 1% Art. Project is for real estate acquisitions only.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WLCF KC VASHON SPRING BEACH

1129268

Equity and Social Justice Impact

This project will provide public green space accessible to the general public, preserve or enhance environmental health, and/or provide a scenic amenity from a public park, open space or right of way. There is no negative impact to an underserved community.

Strategic Climate Action Plan Alignment

Conservation Futures urban and rural open space acquisition projects help King County meet its 2015 Strategic Climate Action Plan (SCAP) goals within 30 years. The projects help King County and its cities meet countywide GHG emissions reduction targets and adequately prepare for the impacts of climate change through permanently conserving remaining high-priority farm, forest, and other open spaces. Climate change response benefits of CFT-funded open space acquisitions include reduced trip distances by providing close-to-home open spaces; the capture of CO2 emissions in trees and other site vegetation; and reducing anticipated future flooding impacts through preserving or increasing flood storage capacity.

Operating Budget Impacts

No operating impact.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WLCF KC FARMLAND ENUM APD/TDR

1129269

Department	NATURAL RESOURCES AND PARKS
Council District(s)	7, 9
Fund	3151 CONSERV FUTURES SUB-FUND
Class Code	STANDALONE
Substantial Completion	
Location	multiple parcel farmland preservation project located on the Enumclaw Plateau
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$190,000	\$0	\$0	\$190,000
Total Budget	\$0	\$190,000	\$0	\$0	\$190,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31117 - CONSERV FUTURE LEVY CURRENT	\$190,000	\$0	\$0	\$190,000
Total Revenue	\$190,000	\$0	\$0	\$190,000

EXPENSE

WLCF KC FARMLAND ENUM APD/TDR

1129269

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$5,700)	\$0	\$0	(\$5,700)
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$195,700	\$0	\$0	\$195,700
Total Expense	\$0	\$0	\$190,000	\$0	\$0	\$190,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$5,700)	\$5,700
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$190,000	\$195,700	(\$5,700)
Total	\$0	\$190,000	\$190,000	\$0

NARRATIVES

WLCF KC FARMLAND ENUM APD/TDR

1129269

Current Scope

King County Farmland Easements in Enumclaw - This new Project will protect existing farmland through the purchase of conservation easements under the King County Farmlands Preservation Program on the Enumclaw Plateau. there are currently 3 parcels totaling 43.86 acres included in the project scope.

Project Justification

Preservation of farmland and open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive mid-July each year in accordance with Ordinance 14714.

Budget Request Basis

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive by July 1st each year, in accordance with Ordinance 14714. Recommended by the Conservation Futures Citizens Committee.

Project Status

New Project

Alternatives Analysis

Alternative would be to abandon project, however that would be unwarranted, because there are willing sellers

Funding and Revenue Discussion

This project is funded by the Conservation Futures Levy.

Other Agency Involvement

No other agencies involved with this project.

Art Eligibility

No. This project is not eligible for 1% Art. Project is for real estate acquisitions only.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WLCF KC FARMLAND ENUM APD/TDR

1129269

Equity and Social Justice Impact

This project will provide public green space accessible to the general public, preserve or enhance environmental health, and/or provide a scenic amenity from a public park, open space or right of way. There is no negative impact to an underserved community.

Strategic Climate Action Plan Alignment

Conservation Futures urban and rural open space acquisition projects help King County meet its 2015 Strategic Climate Action Plan (SCAP) goals within 30 years. The projects help King County and its cities meet countywide GHG emissions reduction targets and adequately prepare for the impacts of climate change through permanently conserving remaining high-priority farm, forest, and other open spaces. Climate change response benefits of CFT-funded open space acquisitions include reduced trip distances by providing close-to-home open spaces; the capture of CO2 emissions in trees and other site vegetation; and reducing anticipated future flooding impacts through preserving or increasing flood storage capacity.

Operating Budget Impacts

No operating impact.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status: Approved

WLCF KC VASHON IS S UP FOR

1129270

Department	NATURAL RESOURCES AND PARKS
Council District(s)	8
Fund	3151 CONSERV FUTURES SUB-FUND
Class Code	STANDALONE
Substantial Completion	
Location	On Wax Orchard Road, Vashon Island.
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$25,000	\$0	\$0	\$25,000
Total Budget	\$0	\$25,000	\$0	\$0	\$25,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31117 - CONSERV FUTURE LEVY CURRENT	\$25,000	\$0	\$0	\$25,000
Total Revenue	\$25,000	\$0	\$0	\$25,000

EXPENSE

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$750)	\$0	\$0	(\$750)
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$25,750	\$0	\$0	\$25,750
Total Expense	\$0	\$0	\$25,000	\$0	\$0	\$25,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$750)	\$750
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$25,000	\$25,750	(\$750)
Total	\$0	\$25,000	\$25,000	\$0

NARRATIVES

WLCF KC VASHON IS S UP FOR

1129270

Current Scope

King County Vashon Island South Upland Forests - This new project will acquire 23.75 acre (3 parcels) within a 70-acre area that contains a total of ten parcels, located on Wax Orchard Road, Vashon Island. The project goal is to preserve larger block forests on southern Vashon Island for multiple benefit purposes, including ecological habitat preservation, passive public access, carbon sequestration that benefits climate change reduction, and appropriate working forest timber harvest activity that will also complement and benefit the other broader project goals.

Project Justification

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive mid-July each year in accordance with Ordinance 14714.

Budget Request Basis

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive by July 1st each year, in accordance with Ordinance 14714. Recommended by the Conservation Futures Citizens Committee.

Project Status

New Project

Alternatives Analysis

Alternative would be to abandon project, however that would be unwarranted, because there are willing sellers

Funding and Revenue Discussion

This project is funded by the Conservation Futures Levy.

Other Agency Involvement

No other agencies involved with this project.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WLCF KC VASHON IS S UP FOR

1129270

Art Eligibility

No. This project is not eligible for 1% Art. Project is for real estate acquisitions only.

Equity and Social Justice Impact

This project will provide public green space accessible to the general public, preserve or enhance environmental health, and/or provide a scenic amenity from a public park, open space or right of way. There is no negative impact to an underserved community.

Strategic Climate Action Plan Alignment

Conservation Futures urban and rural open space acquisition projects help King County meet its 2015 Strategic Climate Action Plan (SCAP) goals within 30 years. The projects help King County and its cities meet countywide GHG emissions reduction targets and adequately prepare for the impacts of climate change through permanently conserving remaining high-priority farm, forest, and other open spaces. Climate change response benefits of CFT-funded open space acquisitions include reduced trip distances by providing close-to-home open spaces; the capture of CO2 emissions in trees and other site vegetation; and reducing anticipated future flooding impacts through preserving or increasing flood storage capacity.

Operating Budget Impacts

No operating impact.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WLCF KC FARMLAND SAMM APD/TDR

1129271

Department	NATURAL RESOURCES AND PARKS
Council District(s)	3
Fund	3151 CONSERV FUTURES SUB-FUND
Class Code	STANDALONE
Substantial Completion	
Location	Farm properties located Sammamish valley, north of Redmond and south of Woodinville..
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$125,000	\$0	\$0	\$125,000
Total Budget	\$0	\$125,000	\$0	\$0	\$125,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31117 - CONSERV FUTURE LEVY CURRENT	\$125,000	\$0	\$0	\$125,000
Total Revenue	\$125,000	\$0	\$0	\$125,000

EXPENSE

WLCF KC FARMLAND SAMM APD/TDR

1129271

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$3,750)	\$0	\$0	(\$3,750)
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$128,750	\$0	\$0	\$128,750
Total Expense	\$0	\$0	\$125,000	\$0	\$0	\$125,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$3,750)	\$3,750
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$125,000	\$128,750	(\$3,750)
Total	\$0	\$125,000	\$125,000	\$0

NARRATIVES

WLCF KC FARMLAND SAMM APD/TDR

1129271

Current Scope

King County Farmland Easements in Sammamish - This new Project will protect existing farmland through the purchase of conservation easements under the King County Farmlands Preservation Program on the Sammamish Valley, north of Redmond and south of Woodinville. There are currently 2 parcels totaling 21.36 acres included in the project scope.

Project Justification

Preservation of farmland and open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive mid-July each year in accordance with Ordinance 14714.

Budget Request Basis

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive by July 1st each year, in accordance with Ordinance 14714. Recommended by the Conservation Futures Citizens Committee.

Project Status

New project

Alternatives Analysis

Alternative would be to abandon project, however that would be unwarranted, because there are willing sellers

Funding and Revenue Discussion

This project is funded by the Conservation Futures Levy.

Other Agency Involvement

No other agencies involved with this project.

Art Eligibility

No. This project is not eligible for 1% Art. Project is for real estate acquisitions only.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WLCF KC FARMLAND SAMM APD/TDR

1129271

Equity and Social Justice Impact

This project will provide public green space accessible to the general public, preserve or enhance environmental health, and/or provide a scenic amenity from a public park, open space or right of way. There is no negative impact to an underserved community.

Strategic Climate Action Plan Alignment

Conservation Futures urban and rural open space acquisition projects help King County meet its 2015 Strategic Climate Action Plan (SCAP) goals within 30 years. The projects help King County and its cities meet countywide GHG emissions reduction targets and adequately prepare for the impacts of climate change through permanently conserving remaining high-priority farm, forest, and other open spaces. Climate change response benefits of CFT-funded open space acquisitions include reduced trip distances by providing close-to-home open spaces; the capture of CO2 emissions in trees and other site vegetation; and reducing anticipated future flooding impacts through preserving or increasing flood storage capacity.

Operating Budget Impacts

No operating impact.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WLCF KC FARMLAND GREEN APD/TDR

1129272

Department	NATURAL RESOURCES AND PARKS
Council District(s)	5
Fund	3151 CONSERV FUTURES SUB-FUND
Class Code	STANDALONE
Substantial Completion	
Location	West Valley Highway south south of S. 277th Street, in unincorporated King County north of Auburn and south of Kent.
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$125,000	\$0	\$0	\$125,000
Total Budget	\$0	\$125,000	\$0	\$0	\$125,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31117 - CONSERV FUTURE LEVY CURRENT	\$125,000	\$0	\$0	\$125,000
Total Revenue	\$125,000	\$0	\$0	\$125,000

EXPENSE

WLCF KC FARMLAND GREEN APD/TDR

1129272

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$3,750)	\$0	\$0	(\$3,750)
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$128,750	\$0	\$0	\$128,750
Total Expense	\$0	\$0	\$125,000	\$0	\$0	\$125,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$3,750)	\$3,750
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$125,000	\$128,750	(\$3,750)
Total	\$0	\$125,000	\$125,000	\$0

NARRATIVES

WLCF KC FARMLAND GREEN APD/TDR

1129272

Current Scope

King County Farmland Acquisition: Lower Green - This new Project will protect existing farmland through the purchase of conservation easements under the King County Farmlands Preservation Program on the Lower Green River Valley, north of Auburn and south of Kent. There are currently 2 parcels totaling 21.36 acres included in the project scope.

Project Justification

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive mid-July each year in accordance with Ordinance 14714.

Budget Request Basis

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive by July 1st each year, in accordance with Ordinance 14714. Recommended by the Conservation Futures Citizens Committee.

Project Status

New project.

Alternatives Analysis

Alternatives considered are: Single Alternative.

Funding and Revenue Discussion

This project is funded by the Conservation Futures Levy.

Other Agency Involvement

No other agencies involved with this project.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WLCF KC FARMLAND GREEN APD/TDR

1129272

Art Eligibility

No. No, this project is not eligible for 1% Art. Project is for real estate acquisition only.

Equity and Social Justice Impact

This project will provide public green space accessible to the general public, preserve or enhance health, and/or provide a scenic amenity from a public park, open space or right of way.

Strategic Climate Action Plan Alignment

Conservation Futures urban and rural open space acquisition projects help King County meet its 2015 Strategic Climate Action Plan (SCAP) goals within 30 years. The projects help King County and its cities meet countywide GHG emissions reduction targets and adequately prepare for the impacts of climate change through permanently conserving remaining high-priority farm, forest, and other open spaces. Climate change response benefits of CFT-funded open space acquisitions include reduced trip distances by providing close-to-home open spaces; the capture of CO2 emissions in trees and other site vegetation; and reducing anticipated future flooding impacts through preserving or increasing flood storage capacity.

Operating Budget Impacts

No operating impact.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status: Approved

WLCF KC RED BARN RANCH

1129273

Department	NATURAL RESOURCES AND PARKS
Council District(s)	7
Fund	3151 CONSERV FUTURES SUB-FUND
Class Code	STANDALONE
Substantial Completion	
Location	SE 340th Street at SE Lake Moneysmith Road, north of the Green River and east of Auburn.
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$161,500	\$0	\$0	\$161,500
Total Budget	\$0	\$161,500	\$0	\$0	\$161,500

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31117 - CONSERV FUTURE LEVY CURRENT	\$161,500	\$0	\$0	\$161,500
Total Revenue	\$161,500	\$0	\$0	\$161,500

EXPENSE

WLCF KC RED BARN RANCH

1129273

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$4,845)	\$0	\$0	(\$4,845)
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$166,345	\$0	\$0	\$166,345
Total Expense	\$0	\$0	\$161,500	\$0	\$0	\$161,500

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$4,845)	\$4,845
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$161,500	\$166,345	(\$4,845)
Total	\$0	\$161,500	\$161,500	\$0

NARRATIVES

WLCF KC RED BARN RANCH

1129273

Current Scope

King County Red Barn Ranch - This new project will acquire a 38.69 acre farm located at SE 340th Street and SE Lake Moneysmith Road, in unincorporated King County north of the Green River and east of Auburn. The project will further the promotion of farming activity in King County by providing land for lease to new farmers.

Project Justification

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive mid-July each year in accordance with Ordinance 14714.

Budget Request Basis

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive by July 1st each year, in accordance with Ordinance 14714. Recommended by the Conservation Futures Citizens Committee.

Project Status

New Project

Alternatives Analysis

Alternative would be to abandon project, however that would be unwarranted, because there are willing sellers

Funding and Revenue Discussion

This project is funded by the Conservation Futures Levy.

Other Agency Involvement

No other agencies involved with this project.

Art Eligibility

No. No, this project is not eligible for 1% Art. Project is for real estate acquisitions only.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WLCF KC RED BARN RANCH

1129273

Equity and Social Justice Impact

This project will provide public green space accessible to the general public, preserve or enhance environmental health, and/or provide a scenic amenity from a public park, open space or right of way. There is no negative impact to an underserved community.

Strategic Climate Action Plan Alignment

Conservation Futures urban and rural open space acquisition projects help King County meet its 2015 Strategic Climate Action Plan (SCAP) goals within 30 years. The projects help King County and its cities meet countywide GHG emissions reduction targets and adequately prepare for the impacts of climate change through permanently conserving remaining high-priority farm, forest, and other open spaces. Climate change response benefits of CFT-funded open space acquisitions include reduced trip distances by providing close-to-home open spaces; the capture of CO2 emissions in trees and other site vegetation; and reducing anticipated future flooding impacts through preserving or increasing flood storage capacity.

Operating Budget Impacts

No operating impact.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WLCF AUB WATTS PROPERTY

1129314

Department	NATURAL RESOURCES AND PARKS
Council District(s)	7
Fund	3151 CONSERV FUTURES SUB-FUND
Class Code	STANDALONE
Substantial Completion	
Location	Located along green river Road in Auburn, a 16 acre portion of a 21.85-acre property adjacent to Auburn's Mary Olson Farm.
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition 01/01/17 - 12/31/20	\$0	\$111,000	\$0	\$0	\$111,000
Total Budget	\$0	\$111,000	\$0	\$0	\$111,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31117 - CONSERV FUTURE LEVY CURRENT	\$111,000	\$0	\$0	\$111,000
Total Revenue	\$111,000	\$0	\$0	\$111,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		WLCF AUB WATTS PROPERTY					1129314
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense	
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0	
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0	
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0	
4 Implementation	\$0	\$0	(\$3,330)	\$0	\$0	(\$3,330)	
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0	
6 Acquisition	\$0	\$0	\$114,330	\$0	\$0	\$114,330	
Total Expense	\$0	\$0	\$111,000	\$0	\$0	\$111,000	

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$3,330)	\$3,330
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$111,000	\$114,330	(\$3,330)
Total	\$0	\$111,000	\$111,000	\$0

NARRATIVES

Current Scope

Auburn Watts Property - This new project will acquire a 16 acre portion of a 21.85-acre property in Auburn, adjacent to Auburn's Mary Olson Farm. The project will preserve an existing forested canyon. The property is important to the farm as an interpretive area, and acquisition will preserve the high quality habitat on the site.

Project Justification

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive mid-July each year in accordance with Ordinance 14714.

Budget Request Basis

Preservation of open space lands as recommended in the Conservation Futures Citizens Committee report sent to Council and Executive by July 1st each year, in accordance with Ordinance 14714. Recommended by the Conservation Futures Citizens Committee.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	WLCF AUB WATTS PROPERTY	1129314
Project Status		
New Project		
Alternatives Analysis		
Alternative would be to abandon project, however that would be unwarranted, because there are willing sellers.		
Funding and Revenue Discussion		
This project is funded by the Conservation Futures Levy.		
Other Agency Involvement		
City of Auburn is project sponsor. Other agency matching funds to be provided.		
Art Eligibility		
No. This project is not eligible for 1% Art. Project is for real estate acquisitions only.		
Equity and Social Justice Impact		
This project will provide public green space accessible to the general public, preserve or enhance environmental health, and/or provide a scenic amenity from a public park, open space or right of way. There is no negative impact to an underserved community.		
Strategic Climate Action Plan Alignment		
Conservation Futures urban and rural open space acquisition projects help King County meet its 2015 Strategic Climate Action Plan (SCAP) goals within 30 years. The projects help King County and its cities meet countywide GHG emissions reduction targets and adequately prepare for the impacts of climate change through permanently conserving remaining high-priority farm, forest, and other open spaces. Climate change response benefits of CFT-funded open space acquisitions include reduced trip distances by providing close-to-home open spaces; the capture of CO2 emissions in trees and other site vegetation; and reducing anticipated future flooding impacts through preserving or increasing flood storage capacity.		
Operating Budget Impacts		
No operating impact.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

PKS AUDITOR CPO

1039583

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3160 FMD-PARKS,REC,OPEN SPACE
Class Code	ADMIN
Substantial Completion	
Location	General
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$8,295	\$0	\$0	\$0	\$8,295
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$14,737	\$8,982	\$0	\$0	\$23,719
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$23,032	\$8,982	\$0	\$0	\$32,014

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39789 - CONTRIB REET #1	\$8,982	\$0	\$0	\$8,982
Total Revenue	\$8,982	\$0	\$0	\$8,982

EXPENSE

PKS AUDITOR CPO

1039583

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$11,101	\$11,931	\$8,982	\$0	\$0	\$32,014
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$11,101	\$11,931	\$8,982	\$0	\$0	\$32,014

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$8,295	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$11,101	\$14,737	\$23,032
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$11,101	\$23,032	\$23,032

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$8,295	\$0	\$0	\$8,295
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	(\$8,295)	\$8,982	\$8,982	(\$8,295)
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$8,982	\$8,982	\$0

NARRATIVES

PKS AUDITOR CPO

1039583

Current Scope

Auditor Capital Project Oversight - Biennial allocation of Council Auditor Capital Project Oversight costs.

Project Justification

Budget Request Basis

The amount is from PSB basing on prior biennium actuals.

Project Status

on-going project.

Alternatives Analysis

N/A

Funding and Revenue Discussion

Other Agency Involvement

N/A

Art Eligibility

Project not visible to the public (administrative project).

Equity and Social Justice Impact

N/A

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	PKS AUDITOR CPO	1039583
Strategic Climate Action Plan Alignment		
N/A		
Operating Budget Impacts		
N/A		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

PKS M:PARKS FACILITY REHAB

1039611

Master Project, Green Building Reporting

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3160 FMD-PARKS,REC,OPEN SPACE
Class Code	PKS M:PARKS FACILITY REHAB
Substantial Completion	
Location	Countywide
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/01/15 - 12/31/18	\$2,225,825	\$0	\$0	\$0	\$2,225,825
2 Preliminary Design	\$4	\$0	\$0	\$0	\$4
3 Final Design 01/01/15 - 12/31/18	\$327,535	\$0	\$0	\$0	\$327,535
4 Implementation 01/01/15 - 12/31/18	\$4,252,662	\$1,536,530	\$6,450,000	\$12,000,000	\$24,239,192
5 Closeout 01/01/15 - 12/31/18	\$8,935	\$0	\$0	\$0	\$8,935
6 Acquisition	\$4	\$0	\$0	\$0	\$4
Total Budget	\$6,814,963	\$1,536,530	\$6,450,000	\$12,000,000	\$26,801,493

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39789 - CONTRIB REET #1	\$1,536,530	\$6,450,000	\$12,000,000	\$19,986,530
Total Revenue	\$1,536,530	\$6,450,000	\$12,000,000	\$19,986,530

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		PKS M:PARKS FACILITY REHAB				1039611
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$321,042	\$100,000	\$0	\$0	\$0	\$421,042
2 Prelim Design	\$112,686	\$10,000	\$0	\$0	\$0	\$122,686
3 Final Design	\$917,200	\$30,000	\$0	\$0	\$0	\$947,200
4 Implementation	\$4,105,117	\$755,597	\$1,436,530	\$6,450,000	\$12,000,000	\$24,747,244
5 Closeout	\$449,312	\$10,000	\$0	\$0	\$0	\$459,312
6 Acquisition	\$3,035	\$1,000	\$0	\$0	\$0	\$4,035
Total Expense	\$5,908,392	\$906,597	\$1,436,530	\$6,450,000	\$12,000,000	\$26,701,519

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$321,042	\$2,225,825	\$421,042
2 Preliminary Design	\$0	\$0	\$112,686	\$4	\$122,686
3 Final Design	\$0	\$0	\$917,200	\$327,535	\$947,200
4 Implementation	\$0	\$0	\$4,105,117	\$4,252,662	\$4,860,714
5 Closeout	\$0	\$0	\$449,312	\$8,935	\$459,312
6 Acquisition	\$0	\$0	\$3,035	\$4	\$4,035
Total	\$0	\$0	\$5,908,392	\$6,814,965	\$6,814,989

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$1,804,783	\$0	\$0	\$1,804,783
2 Preliminary Design	(\$122,683)	\$0	\$0	(\$122,683)
3 Final Design	(\$619,665)	\$0	\$0	(\$619,665)
4 Implementation	(\$608,052)	\$1,536,530	\$1,436,530	(\$508,052)
5 Closeout	(\$450,377)	\$0	\$0	(\$450,377)
6 Acquisition	(\$4,032)	\$0	\$0	(\$4,032)
Total	(\$26)	\$1,536,530	\$1,436,530	\$99,974

NARRATIVES PKS M:PARKS FACILITY REHAB 1039611

Current Scope

Parks Facility Rehabilitation - This on-going project implements recommendations identified in the 2012 Major Maintenance Reserve Study as well as emerging major maintenance needs throughout the county's parks system.

This appropriation provides, design, permitting and construction funds to address project needs in a variety of areas around the park system.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

PKS M:PARKS FACILITY REHAB

1039611

Project Justification

The Major Maintenance Reserve Study, completed in October 2007 and updated in 2012, identified \$11.5 million in major maintenance needs over the next five years. The Parks, Trails and Open Space Replacement Levy will provide funding to address most major maintenance needs over the next six years, including bridges/trestles, play structures and other park infrastructure. Major Maintenance needs within the Park system have grown and the original costs identified in the study are underestimated given current economic conditions and related design, engineering and construction costs. Emerging project needs are prioritized to protect public and employee safety and preserve existing infrastructure. Program goals are to avoid higher costs in the future from chronic deferred major maintenance and provide opportunities for revenue generation.

Budget Request Basis

Budget is based on Planning Level Architect and Engineer's Estimates, past experience and costs associated with past contracts for design, engineering, and construction.

Project Status

Numerous projects have been completed and additional emerging needs have been identified. The need is substantially greater than the available budget and the program design, engineering and construction costs are rising in today's regional economy. The program seeks to complete the highest priority needs within available funding.

Alternatives Analysis

A non-action alternative could result in frequent and costly repairs and may lead to the closure of some park facilities. Delays in addressing emerging conditions may result in additional maintenance costs and closures could create negative public opinion due to the lack of service provided to the community.

Funding and Revenue Discussion

Other Agency Involvement

Permitting agencies may have limited involvement. No other agency involvement is anticipated.

Art Eligibility

Maintenance or minor rehabilitation.

Equity and Social Justice Impact

King County's park system impacts determinants of equity such as access to parks and natural resources, healthy built and natural environments, and strong, vibrant neighborhoods. These investments will benefit underserved communities and disadvantaged individuals that use these facilities.

Strategic Climate Action Plan Alignment

Programmatic Sustainable Scorecard Platinum will be targeted where applicable.

Parks seeks to minimize its impact on the environment, and by facilitating access to nature, hopes to educate the community of the need to protect open space for future generations.

Operating Budget Impacts

No immediate operating budget impacts are anticipated at this time. However, as capital improvements and major maintenance projects enter and complete construction phases, this work is anticipated to have impacts on the operating budget. For more context concerning future anticipated impacts of the capital program implementation on operations, please refer to the Parks Line of Business Plan.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

PKS ASSOC DLVP/ PARTNER PM

1039848

Master Project

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3160 FMD-PARKS,REC,OPEN SPACE
Class Code	PKS ASSOC DLVP/ PARTNER PM
Substantial Completion	
Location	Countywide
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/01/14 - 12/31/18	\$1,030,001	\$0	\$0	\$0	\$1,030,001
2 Preliminary Design	\$1	\$0	\$0	\$0	\$1
3 Final Design 01/01/14 - 12/31/18	\$63,377	\$0	\$0	\$0	\$63,377
4 Implementation 01/01/04 - 12/31/18	\$7,005,715	(\$500,000)	\$1,000,000	\$1,000,000	\$8,505,715
5 Closeout	\$1	\$0	\$0	\$0	\$1
6 Acquisition	\$1	\$0	\$0	\$0	\$1
Total Budget	\$8,099,097	(\$500,000)	\$1,000,000	\$1,000,000	\$9,599,097

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39776 - CONTRIB REET #2	(\$500,000)	\$1,000,000	\$1,000,000	\$1,500,000
Total Revenue	(\$500,000)	\$1,000,000	\$1,000,000	\$1,500,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		PKS ASSOC DLVP/ PARTNER PM				1039848
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$5,051,825		\$0	\$0	\$0	\$5,051,825
2 Prelim Design	\$0	\$50,000	\$0	\$0	\$0	\$50,000
3 Final Design	\$99,500		\$0	\$0	\$0	\$99,500
4 Implementation	\$1,457,723	\$339,098	\$550,000	\$1,000,000	\$1,000,000	\$4,346,821
5 Closeout	\$50,000		\$0	\$0	\$0	\$50,000
6 Acquisition	\$950		\$0	\$0	\$0	\$950
Total Expense	\$6,659,998	\$389,098	\$550,000	\$1,000,000	\$1,000,000	\$9,599,096

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$5,051,825	\$1,030,001	\$5,051,825
2 Preliminary Design	\$0	\$0	\$0	\$1	\$50,000
3 Final Design	\$0	\$0	\$99,500	\$63,377	\$99,500
4 Implementation	\$0	\$0	\$1,457,723	\$7,005,715	\$1,796,821
5 Closeout	\$0	\$0	\$50,000	\$1	\$50,000
6 Acquisition	\$0	\$0	\$950	\$1	\$950
Total	\$0	\$0	\$6,659,998	\$8,099,096	\$7,049,096

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$4,021,824)	\$0	\$0	(\$4,021,824)
2 Preliminary Design	(\$49,999)	\$0	\$0	(\$49,999)
3 Final Design	(\$36,123)	\$0	\$0	(\$36,123)
4 Implementation	\$5,208,894	(\$500,000)	\$550,000	\$4,158,894
5 Closeout	(\$49,999)	\$0	\$0	(\$49,999)
6 Acquisition	(\$949)	\$0	\$0	(\$949)
Total	\$1,050,000	(\$500,000)	\$550,000	\$0

NARRATIVES PKS ASSOC DLVP/ PARTNER PM 1039848

Current Scope

Community Partnership Grants - The Community Partnerships and Grants (CPG) Program provides funding for strategic partnerships that result in the development of new regional recreation facilities. The grants allow community based organizations to plan, design, permit, and construct recreation facilities on King County Parks land. This appropriation will fund those grants. The CPG program also handles the program management for these projects. CPG is an ongoing, annual program. It started in 2003.

This requested amount has two offsetting requests totaling -\$500,000. One request of \$500,000 will be used to fund partnership opportunities for community groups in 2018. The other request is a technical adjustment to disappropriate \$1,000,000 that was budgeted in 2015-16 biennium as repayment of an inter-fund loan. Repayment of inter-fund loans does not occur as a budgeted expenditure but rather as a reduction to the loan balance as the anticipated revenue is received.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

PKS ASSOC DLVP/ PARTNER PM

1039848

Project Justification

The County's Community Partnerships and Grants (CPG) program was created in response to fiscal pressure, as a way to partner with local sports and community groups to develop and maintain parks and recreation facilities in County parks. Without this creative approach, many underserved communities would not have access to new recreation amenities.

The CPG Program has 3 goals:

- o Address unmet regional/rural public parks, sports, and recreation facility needs by creating new or enhanced facilities while minimizing the impact on tax funded operations and maintenance costs.
- o Empower user groups, sports associations, and other community-based organizations to leverage their commitment, passion, and resources into new long-term, high quality, self-sustaining King County parks, sports, and recreation facilities.
- o Develop a region-wide network of partners consisting of user groups, sports organizations, and citizens, in general, whose success is interconnected with the political, financial, and operational success of the County parks, sports, and recreation system.

If CPG was not implemented Parks would lose millions of dollars in leveraged resources. Parks would also lose a large amount of public support from thousands of stakeholders.

Budget Request Basis

The amount requested is based on a recommendation from the King County Parks Levy Task Force, which provide direction of the voter-approved 2014-19 Parks, Trails and Open Space Replacement Levy

Project Status

CPG program continues to develop projects every year. Current proposed and in process projects include an indoor tennis center, mountain bike trails, outdoor preschools, traffic garden, and ballfield upgrades.

Alternatives Analysis

N/A

Funding and Revenue Discussion

Other Agency Involvement

N/A

Art Eligibility

It is a Grant Program for the County's Community partnerships.

Equity and Social Justice Impact

The CPG program provides opportunities to develop partnerships with organizations in disadvantaged communities that enhance recreational amenities, which would allow the division to further the principles of equity and social justice in both its operations and capital investments. Future CPG projects are not determined until viable partnership proposals are evaluated for a variety of merits which include, among many other requirements, principles of equity and social justice. In addition to this evaluation process, the CPG program will require a statement on the grant application that addresses the benefits to disadvantaged communities within the scope of the partnership proposal.

Strategic Climate Action Plan Alignment

The CPG program strives to meet Green Building standards when possible. The facilities that are being built however are not always applicable. When building synthetic turf, we conserve water. Given that this is a grant program and specific projects are not necessarily identified, it is difficult to be specific.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

PKS ASSOC DLVP/ PARTNER PM

1039848

Operating Budget Impacts

No immediate operating budget impacts are anticipated at this time. However, as capital improvements and major maintenance projects enter and complete construction phases, this work is anticipated to have impacts on the operating budget. For more context concerning future anticipated impacts of the capital program implementation on operations, please refer to the Parks Line of Business Plan.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

PKS ACQN EVALTNS MASTER

1046228

Master Project

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3160 FMD-PARKS,REC,OPEN SPACE
Class Code	PKS ACQN EVALTNS MASTER
Substantial Completion	
Location	Countywide
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/01/04 - 12/31/18	\$117	\$0	\$0	\$0	\$117
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design 01/01/04 - 12/31/18	\$51,952	\$0	\$0	\$0	\$51,952
4 Implementation 01/01/04 - 12/31/18	\$54,512	\$0	\$0	\$0	\$54,512
5 Closeout 01/01/04 - 12/31/18	\$12,511	\$0	\$0	\$0	\$12,511
6 Acquisition 01/01/04 - 12/31/18	\$1,382,770	\$200,000	\$200,000	\$200,000	\$1,982,770
Total Budget	\$1,501,862	\$200,000	\$200,000	\$200,000	\$2,101,862

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39789 - CONTRIB REET #1	\$200,000	\$400,000	\$0	\$600,000
Total Revenue	\$200,000	\$400,000	\$0	\$600,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		PKS ACQN EVALTNS MASTER				1046228
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$59,130	\$30,000	\$0	\$0	\$0	\$89,130
2 Prelim Design	\$96		\$0	\$0	\$0	\$96
3 Final Design	\$62,973		\$0	\$0	\$0	\$62,973
4 Implementation	\$41,894	\$12,664	\$0	\$200,000	\$200,000	\$454,558
5 Closeout	\$33,166		\$0	\$0	\$0	\$33,166
6 Acquisition	\$1,180,240	\$81,745	\$200,000	\$0	\$0	\$1,461,985
Total Expense	\$1,377,499	\$124,409	\$200,000	\$200,000	\$200,000	\$2,101,908

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$59,130	\$117	\$89,130
2 Preliminary Design	\$0	\$0	\$96	\$0	\$96
3 Final Design	\$0	\$0	\$62,973	\$51,952	\$62,973
4 Implementation	\$0	\$0	\$41,894	\$54,512	\$54,558
5 Closeout	\$0	\$0	\$33,166	\$12,511	\$33,166
6 Acquisition	\$0	\$0	\$1,180,240	\$1,382,770	\$1,261,985
Total	\$0	\$0	\$1,377,499	\$1,501,862	\$1,501,908

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$89,013)	\$0	\$0	(\$89,013)
2 Preliminary Design	(\$96)	\$0	\$0	(\$96)
3 Final Design	(\$11,021)	\$0	\$0	(\$11,021)
4 Implementation	(\$46)	\$0	\$0	(\$46)
5 Closeout	(\$20,655)	\$0	\$0	(\$20,655)
6 Acquisition	\$120,786	\$200,000	\$200,000	\$120,786
Total	(\$45)	\$200,000	\$200,000	(\$45)

NARRATIVES

Current Scope

Acquisition Evaluations Master - provides due diligence funding to evaluate and implement strategic open space acquisitions (either fee or easement).

Project Justification

Open space acquisition is a key component of the Parks Division's Business Plan. The project provides funding for all due diligence costs associated with property acquisition including: appraisals, title reports; staff costs associated with acquisition negotiation and research (WLR, Real Estate Services). The project is consistent with King County's Strategic Plan goal of environmental sustainability.

Budget Request Basis

The requested amount is based on prior years' experience.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

PKS ACQN EVALTNS MASTER

1046228

Project Status

This is an on-going project.

Alternatives Analysis

Without additional funds, Parks would not be able to perform due diligence work related to key acquisitions (including Council and Executive initiatives).

Funding and Revenue Discussion

Other Agency Involvement

WLR Acquisitions

Art Eligibility

This is a project for Acquisition evaluation. No publicly accessible and visible.

Equity and Social Justice Impact

N/A

Strategic Climate Action Plan Alignment

This project is to evaluate possible Acquisition. No material is needed.

Operating Budget Impacts

The King County Parks, Open Space and Trails Replacement Levy includes incremental increases in funding to support operating and maintenance costs associated with additional acquisitions.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

PKS M:MARYMOOR FIELDPARTNER

1046229

Master Project, TA

Department	NATURAL RESOURCES AND PARKS
Council District(s)	3
Fund	3160 FMD-PARKS,REC,OPEN SPACE
Class Code	PKS M:MARYMOOR FIELDPARTNER
Substantial Completion	
Location	Marymoor Park
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$248,500	\$0	\$0	\$0	\$248,500
4 Implementation	\$3,735,864	(\$571,592)	\$0	\$0	\$3,164,272
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$3,984,364	(\$571,592)	\$0	\$0	\$3,412,772

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39776 - CONTRIB REET #2	(\$571,592)	\$0	\$0	(\$571,592)
Total Revenue	(\$571,592)	\$0	\$0	(\$571,592)

EXPENSE

PKS M:MARYMOOR FIELDPARTNER

1046229

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$51,579		\$0	\$0	\$0	\$51,579
2 Prelim Design	\$13,169		\$0	\$0	\$0	\$13,169
3 Final Design	\$323,766		\$0	\$0	\$0	\$323,766
4 Implementation	\$3,002,585		\$0	\$0	\$0	\$3,002,585
5 Closeout	\$21,672		\$0	\$0	\$0	\$21,672
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$3,412,772		\$0	\$0	\$0	\$3,412,772

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$51,579	\$0	\$51,579
2 Preliminary Design	\$0	\$0	\$13,169	\$0	\$13,169
3 Final Design	\$0	\$0	\$323,766	\$248,500	\$323,766
4 Implementation	\$0	\$0	\$3,002,585	\$3,735,864	\$3,002,585
5 Closeout	\$0	\$0	\$21,672	\$0	\$21,672
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$3,412,771	\$3,984,364	\$3,412,771

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$51,579)	\$0	\$0	(\$51,579)
2 Preliminary Design	(\$13,169)	\$0	\$0	(\$13,169)
3 Final Design	(\$75,266)	\$0	\$0	(\$75,266)
4 Implementation	\$733,279	(\$571,592)	\$0	\$161,687
5 Closeout	(\$21,672)	\$0	\$0	(\$21,672)
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$571,593	(\$571,592)	\$0	\$1

NARRATIVES

PKS M:MARYMOOR FIELDPARTNER

1046229

Current Scope

Marymoor Field Partnership - The project funded conversion of ballfields at Marymoor Park to synthetic turf in 2007, as well as a Baseball Fields Reconfiguration Study to develop viable options to increase the year-round multi-sports playability and revenue generating opportunities for the Baseball Fields 3, 4 and 5. Both projects are complete.

Project Justification

This is a technical adjustment to use the remaining balance from this legacy project for project 1130266 PKS Marymoor Park Fields funded in Fund 3160.

Budget Request Basis

The amount is based on the remaining carryover balance..

Project Status

The project will be completed in Marymoor Park Fields.

Alternatives Analysis

N/A

Funding and Revenue Discussion

Other Agency Involvement

N/A

Art Eligibility

Technical adjustment.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	PKS M:MARYMOOR FIELDPARTNER	1046229
Equity and Social Justice Impact		
N/A		
Strategic Climate Action Plan Alignment		
N/A		
Operating Budget Impacts		
N/A		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

PKS M:CIP MITIGATION MONITORNG

1121442

Master Project

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3160 FMD-PARKS,REC,OPEN SPACE
Class Code	PKS M:CIP MITIGATION MONITORNG
Substantial Completion	
Location	Countywide
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/01/15 - 12/31/18	\$88,602	\$0	\$0	\$0	\$88,602
2 Preliminary Design	\$1	\$0	\$0	\$0	\$1
3 Final Design	\$1	\$0	\$0	\$0	\$1
4 Implementation 01/01/15 - 12/31/18	\$158,001	\$640,500	\$850,000	\$1,050,000	\$2,698,501
5 Closeout 01/01/15 - 12/31/18	\$1,049,132	\$0	\$0	\$0	\$1,049,132
6 Acquisition	\$1	\$0	\$0	\$0	\$1
Total Budget	\$1,295,739	\$640,500	\$850,000	\$1,050,000	\$3,836,239

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39789 - CONTRIB REET #1	\$640,500	\$850,000	\$1,050,000	\$2,540,500
Total Revenue	\$640,500	\$850,000	\$1,050,000	\$2,540,500

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		PKS M:CIP MITIGATION MONITORNG					1121442
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense	
1 Planning	\$10,864	\$77,738	\$0	\$0	\$0	\$88,602	
2 Prelim Design	\$0		\$0	\$0	\$0	\$0	
3 Final Design	\$9,177		\$0	\$0	\$0	\$9,177	
4 Implementation	\$394,656	\$200,000	\$640,500	\$850,000	\$1,050,000	\$3,135,156	
5 Closeout	\$547	\$602,756	\$0	\$0	\$0	\$603,303	
6 Acquisition	\$0		\$0	\$0	\$0	\$0	
Total Expense	\$415,245	\$880,494	\$640,500	\$850,000	\$1,050,000	\$3,836,239	

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$10,864	\$88,602	\$88,602
2 Preliminary Design	\$0	\$0	\$0	\$1	\$0
3 Final Design	\$0	\$0	\$9,177	\$1	\$9,177
4 Implementation	\$0	\$0	\$394,656	\$158,001	\$594,656
5 Closeout	\$0	\$0	\$547	\$1,049,132	\$603,303
6 Acquisition	\$0	\$0	\$0	\$1	\$0
Total	\$0	\$0	\$415,244	\$1,295,738	\$1,295,738

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$1	\$0	\$0	\$1
3 Final Design	(\$9,176)	\$0	\$0	(\$9,176)
4 Implementation	(\$436,655)	\$640,500	\$640,500	(\$436,655)
5 Closeout	\$445,829	\$0	\$0	\$445,829
6 Acquisition	\$1	\$0	\$0	\$1
Total	\$0	\$640,500	\$640,500	\$0

NARRATIVES PKS M:CIP MITIGATION MONITORNG 1121442

Current Scope

CIP Mitigation Monitoring - The CIP Mitigation Monitoring Program covers mitigation site monitoring, including evaluating health of native plantings and measuring native plant coverage; maintenance, including invasive plant removal and watering, and preparation of annual reports to regulatory agencies for review and approval.

The 2017/2018 budget request is to fund a mitigation site maintenance and monitoring program that will fulfill long term environmental commitments and on-going obligations related to permit conditions on completed major capital projects.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

PKS M:CIP MITIGATION MONITORNG

1121442

Project Justification

King County is legally required to mitigate the impacts to wetlands and other critical areas resulting from capital construction projects. Regulatory agencies require mitigation sites be maintained and reports be submitted to ensure the permit conditions are met. Funding will provide appropriate compliance, maintenance, monitoring and reporting in order to meet the permit requirements. Maintenance, monitoring and reporting is required for periods up to 10 years after project completion. The monitoring period may be extended by the permitting agency if performance standards are not being met.

Budget Request Basis

Budget is based on actual costs for similar site maintenance, monitoring, and reporting requirements from past years.

Project Status

Current efforts are on-going through a combination of work order contracts or by direct pay method. It is important to note that some long completed CIP projects did not have sufficient budget to meet mitigation monitoring and reporting requirements prior to 2015, and thus the regulatory agencies extended the required maintenance and monitoring period until site standards can be met. Efforts are underway to bring project sites into compliance in order to fulfill obligations and reduce the likelihood of a regulatory mandated extension to the current monitoring period.

Alternatives Analysis

These are ongoing regulatory obligations and failure to fulfill commitments and obligations would trigger penalties and other consequences including possible closure of a facility. Impacts could also include difficulty securing future permits.

Funding and Revenue Discussion

Other Agency Involvement

Permitting agencies and King County Community Work Program (DAJD) are involved.

Art Eligibility

Project not visible to the public.

Equity and Social Justice Impact

N/A

Strategic Climate Action Plan Alignment

Mitigation sites are included in the Sustainable Scorecard analysis that is done for the associated project. Parks seeks to minimize its impact on the environment, and by facilitating access to nature, hopes to educate the community of the need to protect open space for future generations.

Operating Budget Impacts

No immediate operating budget impacts are anticipated at this time. However, as capital improvements and major maintenance projects enter and complete construction phases, this work is anticipated to have impacts on the operating budget. For more context concerning future anticipated impacts of the capital program implementation on operations, please refer to the Parks Line of Business Plan.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

PKS M: CENTRAL MAINT FACILITY

1122161

Master Project, Green Building Reporting, Art Eligible

Department	NATURAL RESOURCES AND PARKS
Council District(s)	9
Fund	3160 FMD-PARKS,REC,OPEN SPACE
Class Code	PKS M: CENTRAL MAINT FACILITY
Substantial Completion	
Location	Renton
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/01/17 - 12/31/18	\$1	\$69,775	\$0	\$0	\$69,776
2 Preliminary Design 01/01/15 - 12/31/18	\$155,926	\$1,274,328	\$0	\$0	\$1,430,254
3 Final Design 01/01/15 - 12/31/18	\$155,926	\$5,067,212	\$0	\$0	\$5,223,138
4 Implementation 01/01/15 - 12/31/18	\$3,714,119	\$176,140	\$14,662,871	\$0	\$18,553,130
5 Closeout 01/01/17 - 12/31/18	\$1	\$0	\$137,129	\$0	\$137,130
6 Acquisition 01/01/15 - 12/31/17	\$2,246,001	\$112,545	\$0	\$0	\$2,358,546
Total Budget	\$6,271,974	\$6,700,000	\$14,800,000	\$0	\$27,771,974

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$66,337	\$0	\$0	\$66,337

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39776 - CONTRIB REET #2	\$1,302,375	\$0	\$0	\$1,302,375
39789 - CONTRIB REET #1	\$5,397,625	\$0	\$0	\$5,397,625
Total Revenue	\$6,700,000	\$0	\$0	\$6,700,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		PKS M: CENTRAL MAINT FACILITY				1122161
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$41,776	\$15,000	\$13,000	\$0	\$0	\$69,776
2 Prelim Design	\$100,254	\$515,000	\$815,000	\$0	\$0	\$1,430,254
3 Final Design	\$0	\$951,138	\$4,272,000	\$0	\$0	\$5,223,138
4 Implementation	\$40,260		\$3,850,000	\$14,662,871	\$0	\$18,553,131
5 Closeout	\$0		\$0	\$137,129	\$0	\$137,129
6 Acquisition	\$2,258,546	\$100,000	\$0	\$0	\$0	\$2,358,546
Total Expense	\$2,440,835	\$1,581,138	\$8,950,000	\$14,800,000	\$0	\$27,771,973

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$41,776	\$1	\$56,776
2 Preliminary Design	\$0	\$0	\$100,254	\$155,926	\$615,254
3 Final Design	\$0	\$0	\$0	\$155,926	\$951,138
4 Implementation	\$0	\$0	\$40,260	\$3,714,119	\$40,260
5 Closeout	\$0	\$0	\$0	\$1	\$0
6 Acquisition	\$0	\$0	\$2,258,546	\$2,246,001	\$2,358,546
Total	\$0	\$0	\$2,440,836	\$6,271,974	\$4,021,974

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$56,775)	\$69,775	\$13,000	\$0
2 Preliminary Design	(\$459,328)	\$1,274,328	\$815,000	\$0
3 Final Design	(\$795,212)	\$5,067,212	\$4,272,000	\$0
4 Implementation	\$3,673,859	\$176,140	\$3,850,000	(\$1)
5 Closeout	\$1	\$0	\$0	\$1
6 Acquisition	(\$112,545)	\$112,545	\$0	\$0
Total	\$2,250,000	\$6,700,000	\$8,950,000	\$0

NARRATIVES PKS M: CENTRAL MAINT FACILITY 1122161

Current Scope

Central Maintenance Facility - This project will fund the programming, siting, and design of new King County Parks Central Maintenance facilities and associated site re-development. This project also provides funding for partial construction of underground site utilities. Construction funding for site development will create new infrastructure meeting minimum code and municipal requirements including connecting to the municipal sewer system, connecting to separate fire and water services, provision of adequate power distribution system, and stormwater facilities. Project also includes construction of fleet and equipment parking, vehicle parking, and yard storage to the extent feasible on the 5.7 acre site while maintaining two existing buildings in continuous operations. This project will prepare the 5.7 acre site for a future construction phase which will replace the existing buildings with newer facilities.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

PKS M: CENTRAL MAINT FACILITY

1122161

Project Justification

The primary justification of the Central Maintenance Facility is to replace the facility with safe, code compliant, and functional working environments for employees currently reporting to the Renton location. The secondary justification is to create the space necessary to relocate up to two crews from satellite facilities, while avoiding the costs of designing and constructing (or altering) shops at two locations. The current facilities do not meet public health, safety, welfare, and accessibility requirements for public facilities. For example, the existing ratio of staff to the number of restroom facilities leads to long and unproductive wait times. During a previous tour of the Central Maintenance Facility, Senior Deputy County Executive Fred Jarrett indicated that the facility is a "poster child" for a facility needing replacement.

As indicated in the 2015 appraisal report "...In order to redevelop this site, all existing obsolete buildings and structures would need to be demolished. The existing improvements are obsolete and do not represent the highest and best use of the site. The buildings were given no value, other than as an interim use to offset the cost of demolition. "

The Central Maintenance Facility plays a critical role in our ability to adequately and efficiently serve the parks, regional trails, and back country trails throughout the County. Parks' operational and maintenance needs have evolved over time as the system has changed due to annexations, facility transfers, funding constraints, and new acquisitions. The number of employees reporting to this location has increased over the years and resulted in facilities that are too small for the operations' maintenance and administrative needs.

As lands continue to be acquired for preservation and passive and active recreation, maintenance and asset management needs increase as well as the need to add more personnel, or relocate personnel to different areas to support required service levels.

Budget Request Basis

Budget request is based on a Planning Level Architect's Estimate, past experience and costs associated with previous contracts for design, engineering, and construction. The estimate at completion (EAC) includes construction costs, contractor's overhead and profit, project management, permits, inspection fees, % for Art, and other soft costs. Construction cost estimates were estimated using a 2014 independent cost estimate (RS means based) adjusted for current dollar value and updated space requirements, as well as the code, regulatory, and LEED requirements. Since the project is between 1-15 % design, this is a class 4 estimate with an expected accuracy range of -30% to +50% which yields a range of \$19.39M to \$41.1M.

Prior feasibility level studies did not include square footage for code and LEED required items. Prior studies also planned for 45-75 staff and visitors at the facility whereas current estimates for staff and visitors are above 100 including the relocation of two crews who report to the Cougar Mountain and Sunset Shop facilities.

Parks will request the additional implementation when final design is complete, for the time the estimated budget and expense are included in the out-years.

Project Status

Preliminary design and alternative site feasibility analysis was completed in 2014. The existing professional services contract expired in 2014. The existing maintenance site in Renton was purchased from the Road Services Division as surplus property. Facility and site planning, program and functional space requirements were updated to reflect additional occupants for the facility following a re-organization of Operations and Maintenance. A new RFP will be issued for a design consultant in Summer of 2016 and schematic design will be underway by Fall. Acquisition of the site occurred in 2016. Work in progress includes planning/preliminary design and a request for proposal (RFP) for architectural/engineering (A/E) design services.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

PKS M: CENTRAL MAINT FACILITY

1122161

Alternatives Analysis

Parks evaluated other properties in the Parks inventory or adjacent to Parks properties and eventually ruled out other sites for various reasons such as: sites were not available for purchase, there was no standalone facility, it was not centrally located, there was insufficient space for equipment and parking, and existing improvements were too expensive or required too much retrofitting. These sites were typically "tilt-ups" built in the 1970's and in need of major repair and upgrade to be useable. The existing site was chosen as the preferred alternative and the property was purchased from King County Road Services Division. Staff who currently report to two other Parks facilities will be relocated to the Central Maintenance Facility. The existing Cougar Mountain and Sunset Shop facilities are also in considerable disrepair and require large investments of capital to alter or demolish and rebuild. The space required for CMF now assumes the crews that are based out of these facilities will be moved to CMF to avoid capital costs at the other two locations.

Funding and Revenue Discussion

This budget request is funded with Real Estate Excise Tax. Parks will return in 2017 with a mid-biennial or stand-alone supplemental request for project construction.

Other Agency Involvement

Permitting agencies may have limited involvement. No other agency involvement is anticipated.

Art Eligibility

N/A

Equity and Social Justice Impact

Equity and social justice issues in King County occur within the community and within our agency. In addition to following the guidelines of a Best-Run Government by respecting people, continuously improving, and promoting a diverse and inclusive workforce, Parks understands that equity and social justice issues can exist within workforces as well as within the communities we serve. As this project is not an "outward facing" project that directly provides an amenity or service to the public, we have focused our Equity and Social Justice efforts on evaluating internal equity in the workplace. One of the recurring comments that we receive relates to disparity between working conditions for downtown Seattle employees and those at the Central Maintenance Facility or other district maintenance shops. Given the current state of the Central Maintenance Facility and other district shops in comparison to King Street Center it is reasonable to conclude that there are differences in working conditions that should be addressed.

This Central Maintenance Facility will be designed and constructed to create working conditions and amenities that foster a sense of equity and shared value.

Strategic Climate Action Plan Alignment

The new facilities are targeting LEED Platinum or alternative green building (Living Building Challenge) rating systems consistent with County ordinance. If major renovations of existing structures are necessary to achieve the final facility plan, those projects will target LEED Gold or equivalent certification.

Operating Budget Impacts

The new facility is targeting LEED Platinum or equivalent accreditation, with expected operational savings related to energy and water use.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

PKS M: SYNTHETIC TURF REPLACE

1122162

Master Project, TA, Green Building Reporting

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3160 FMD-PARKS,REC,OPEN SPACE
Class Code	PKS M: SYNTHETIC TURF REPLACE
Substantial Completion	
Location	Countywide
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$1	\$0	\$0	\$0	\$1
2 Preliminary Design	\$1	\$0	\$0	\$0	\$1
3 Final Design	\$1	\$0	\$0	\$0	\$1
4 Implementation	\$1,334,865	(\$1,321,648)	\$2,290,000	\$700,000	\$3,003,217
5 Closeout	\$1	\$0	\$0	\$0	\$1
6 Acquisition	\$1	\$0	\$0	\$0	\$1
Total Budget	\$1,334,870	(\$1,321,648)	\$2,290,000	\$700,000	\$3,003,222

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39776 - CONTRIB REET #2	(\$200,000)	\$2,290,000	\$700,000	\$2,790,000
39789 - CONTRIB REET #1	(\$1,121,648)	\$0	\$0	(\$1,121,648)
Total Revenue	(\$1,321,648)	\$2,290,000	\$700,000	\$1,668,352

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		PKS M: SYNTHETIC TURF REPLACE				1122162
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$13,216	\$0	\$0	\$2,290,000	\$700,000	\$3,003,216
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$13,216	\$0	\$0	\$2,290,000	\$700,000	\$3,003,216

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$1	\$0
2 Preliminary Design	\$0	\$0	\$0	\$1	\$0
3 Final Design	\$0	\$0	\$0	\$1	\$0
4 Implementation	\$0	\$0	\$13,216	\$1,334,865	\$13,216
5 Closeout	\$0	\$0	\$0	\$1	\$0
6 Acquisition	\$0	\$0	\$0	\$1	\$0
Total	\$0	\$0	\$13,216	\$1,334,870	\$13,216

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$1	\$0	\$0	\$1
2 Preliminary Design	\$1	\$0	\$0	\$1
3 Final Design	\$1	\$0	\$0	\$1
4 Implementation	\$1,321,649	(\$1,321,648)	\$0	\$1
5 Closeout	\$1	\$0	\$0	\$1
6 Acquisition	\$1	\$0	\$0	\$1
Total	\$1,321,654	(\$1,321,648)	\$0	\$6

NARRATIVES	PKS M: SYNTHETIC TURF REPLACE	1122162
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Current Scope

Synthetic Turf Replacement - This project plans for and creates a reserve to ensure timely repair/replacement of synthetic turf fields in King County's park system.

Project Justification

Synthetic turf fields typically have a 10-year life cycle. However some fields experience higher than average use which accelerates wear and reduces the life of the asset.

Budget Request Basis

The amount is based on the remaining carryover balance. The remaining project balance will transfer to two standalone projects: 1130265 PKS PRESTON ATHLETIC FIELDS and 1130266 PKS MARYMOOR PARK FIELDS.

Project Status

N/A

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	PKS M: SYNTHETIC TURF REPLACE	1122162
Alternatives Analysis		
N/A		
Funding and Revenue Discussion		
Other Agency Involvement		
N/A		
Art Eligibility		
Technical adjustment.		
Equity and Social Justice Impact		
N/A		
Strategic Climate Action Plan Alignment		
N/A		
Operating Budget Impacts		
N/A		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

PKS GRANT CONTINGENCY 3160

1129678

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3160 FMD-PARKS,REC,OPEN SPACE
Class Code	ADMIN
Substantial Completion	
Location	General
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$868,750	\$0	\$0	\$868,750
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$868,750	\$0	\$0	\$868,750

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
36999 - OTHER MISC REVENUE	\$868,750	\$0	\$0	\$868,750
Total Revenue	\$868,750	\$0	\$0	\$868,750

EXPENSE

PKS GRANT CONTINGENCY 3160

1129678

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$0	\$0	\$0	\$0
2 Prelim Design	\$0		\$0	\$0	\$0	\$0
3 Final Design	\$0		\$0	\$0	\$0	\$0
4 Implementation	\$0		\$868,750	\$0	\$0	\$868,750
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$0		\$868,750	\$0	\$0	\$868,750

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$868,750	\$868,750	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$868,750	\$868,750	\$0

NARRATIVES

PKS GRANT CONTINGENCY 3160

1129678

Current Scope

Grant Contingency 3160 - This is a new project to provide Parks with more flexibility on the budget side to deal with both anticipated and unanticipated future grant opportunities. The Grant Contingency request is being split between the two capital funds in Parks. A smaller portion of the Grant Contingency request is in Fund 3160 as compared to Fund 3581.

Project Justification

The Grant Contingency project is being requested in anticipation of projects to be supported by grant revenues or other external funding sources. This request will expedite the implementation of capital projects that are expected to receive grant revenues without having to wait for a supplemental budget opportunity. It is expected that this efficiency will also result in lower project costs based on the ability to contract for services such as design and construction in a more timely manner.

Budget Request Basis

The amount requested is based on grants that have either already been applied for or under consideration. Potential granting agencies include the Puget Sound Regional Council (PSRC), the State's Recreation & Conservation Office (RCO), WADNR, King County Flood District, Land and Water Conservation Fund (LWCF), and the Cooperative Watershed Management (CWM).

Project Status

New

Alternatives Analysis

N/A

Funding and Revenue Discussion

Grants

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	PKS GRANT CONTINGENCY 3160	1129678
Other Agency Involvement		
N/A		
Art Eligibility		
The project is an administrative project.		
Equity and Social Justice Impact		
N/A		
Strategic Climate Action Plan Alignment		
Some of the projects that would benefit from grant funding in this grant contingency request are related to SCAP alignment. For example, one of the grant requests pertains to forestry (one million trees), forest stewardship education, and a carbon project. These efforts are all in alignment with SCAP Goal Area 5 – Forests & Agriculture.		
Operating Budget Impacts		
N/A		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

PKS M:SMALL CAPITAL

1129686

Master Project, Green Building Reporting

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3160 FMD-PARKS,REC,OPEN SPACE
Class Code	PKS M:SMALL CAPITAL
Substantial Completion	
Location	Countywide
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/01/17 - 12/31/18	\$0	\$50,000	\$0	\$0	\$50,000
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation 01/01/17 - 12/31/18	\$0	\$3,103,596	\$3,160,000	\$3,160,000	\$9,423,596
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$3,153,596	\$3,160,000	\$3,160,000	\$9,473,596

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39776 - CONTRIB REET #2	\$3,153,596	\$0	\$0	\$3,153,596
Total Revenue	\$3,153,596	\$0	\$0	\$3,153,596

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		PKS M:SMALL CAPITAL				1129686
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$50,000	\$0	\$0	\$50,000
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$3,103,596	\$3,160,000	\$3,160,000	\$9,423,596
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$0	\$0	\$3,153,596	\$3,160,000	\$3,160,000	\$9,473,596

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$50,000	\$50,000	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$3,103,596	\$3,103,596	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$3,153,596	\$3,153,596	\$0

NARRATIVES	PKS M:SMALL CAPITAL	1129686
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Current Scope

Small Capital - The Small Capital program is an on-going project that funds emergent and time critical small capital construction or major maintenance with the use of in-house county forces. This project is as known as Small Contracts and is currently in Fund 3490, Parks Facility Rehab. The current plan is to close Fund 3490 by year-end to consolidate projects and improve efficiency. The Small Capital program, previously referred to as "Small Contracts", will be created in Fund 3160 to carry on the scope of the Small Contracts project.

This appropriation request funds for the design and implementation of emergent priority small projects in the Park System. High Priority projects included in this request include: high priority small culvert replacement projects, ongoing ADA pathway accessibility improvement projects, demolitions, Parks system signage, reroofing projects, fencing, shelters, and kiosks.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

PKS M:SMALL CAPITAL

1129686

Project Justification

The Small Capital program allows the Parks Division to meet its goals of preserving existing parks infrastructure, addressing safety issues to protect park users and generating revenue which supplements the operating budget. It has been in place for seven years and has been very effective in allowing the division to immediately respond to facility needs throughout the system. This effort supports the King County's Strategic Plan by keeping people safe in their homes and communities. The Parks Division is able to maintain safe and secure county-owned infrastructure for the public use.

Budget Request Basis

Budget is based on Planning Level Architect and Engineer's Estimates, past experience and costs associated with past contracts for design, engineering, and construction.

Project Status

This is a new project in Fund 3160 to carry on the scope of Small Contracts, previously in Fund 3490. Under Small Contracts, 2016 planned projects are completed or underway including the following: Marymoor concert accessibility, fabrication and installation of kiosks at a variety of facilities. Fencing, shelters, roofing, picnic tables, benches, entrance and interpretive signage, sidewalks, ADA access, playground installations, safety improvements, handrail, and guardrail safety improvements, dugout covers, shop modifications and other emergent capital improvements throughout the system.

Alternatives Analysis

N/A

Funding and Revenue Discussion

Other Agency Involvement

Permitting agencies may have limited involvement. No other agency involvement is anticipated.

Art Eligibility

Maintenance or minor rehabilitation

Equity and Social Justice Impact

King County's park system impacts determinants of equity such as access to parks and natural resources, healthy built and natural environments, and strong, vibrant neighborhoods. These investments will benefit underserved communities and disadvantaged individuals that use these facilities.

Strategic Climate Action Plan Alignment

Programmatic Sustainable Scorecard Platinum will be targeted where applicable.

Parks seeks to minimize its impact on the environment, and by facilitating access to nature, hopes to educate the community of the need to protect open space for future generations.

Operating Budget Impacts

No immediate operating budget impacts are anticipated at this time. However, as capital improvements and major maintenance projects enter and complete construction phases, this work is anticipated to have impacts on the operating budget. For more context concerning future anticipated impacts of the capital program implementation on operations, please refer to the Parks Line of Business Plan.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

PKS PRESTON ATHLETIC FIELDS

1130265

Department	NATURAL RESOURCES AND PARKS
Council District(s)	3
Fund	3160 FMD-PARKS,REC,OPEN SPACE
Class Code	STANDALONE
Substantial Completion	
Location	Preston Park
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation 01/01/17 - 12/31/18	\$0	\$650,000	\$0	\$0	\$650,000
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$650,000	\$0	\$0	\$650,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31111 - REAL PRPTY TAXES CURRENT	\$0	\$0	\$0	\$0
39776 - CONTRIB REET #2	\$0	\$0	\$0	\$0
39789 - CONTRIB REET #1	\$650,000	\$0	\$0	\$650,000
Total Revenue	\$650,000	\$0	\$0	\$650,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		PKS PRESTON ATHLETIC FIELDS				1130265
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$0	\$0	\$0	\$0
2 Prelim Design	\$0		\$0	\$0	\$0	\$0
3 Final Design	\$0		\$0	\$0	\$0	\$0
4 Implementation	\$0		\$650,000	\$0	\$0	\$650,000
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$0		\$650,000	\$0	\$0	\$650,000

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$650,000	\$650,000	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$650,000	\$650,000	\$0

NARRATIVES

Current Scope	
Preston Athletic Fields - This project will fund the timely repair/replacement of synthetic turf at two fields at Preston Athletic Fields in partnership with the Eastside Football Club. The fields were initially installed in 2008.	
Project Justification	
Synthetic turf fields typically have a 10-year life cycle. However some fields experience higher than average use which accelerates wear and reduces the life of the asset. Rehabilitation of aging turf fields ensures continued revenue generation and avoids safety issues that could arise from loose edges or wearing turf that may contribute to trip hazards. Expected outcomes are risk reduction, customer satisfaction and sustained revenues with potential increases if Parks takes greater control of field scheduling.	

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

PKS PRESTON ATHLETIC FIELDS

1130265

Budget Request Basis

Budget is based on Planning Level Engineer's Estimate, past experience with previous synthetic turf replacement projects.

Project Status

New project.

Alternatives Analysis

Funding and Revenue Discussion

Other Agency Involvement

Art Eligibility

Maintenance project (Synthetic turf replacement)

Equity and Social Justice Impact

King County's park system impacts determinants of equity such as access to parks and natural resources, healthy built and natural environments, and strong, vibrant neighborhoods. These investments in will benefit underserved communities and disadvantaged individuals that use these facilities.

Strategic Climate Action Plan Alignment

Programmatic Sustainable Scorecard Platinum will be targeted. Parks seeks to minimize its impact on the environment, and by facilitating access to nature and outdoor recreation opportunities, hopes to educate the community of the need to protect open space for future generations.

Operating Budget Impacts

No immediate operating budget impacts are anticipated at this time. However, as capital improvements and major maintenance projects enter and complete construction phases, this work is anticipated to have impacts on the operating budget. For more context concerning future anticipated impacts of the capital program implementation on operations, please refer to the Parks Line of Business Plan.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

PKS MARYMOOR PARK FIELDS

1130266

Department	NATURAL RESOURCES AND PARKS
Council District(s)	3
Fund	3160 FMD-PARKS,REC,OPEN SPACE
Class Code	STANDALONE
Substantial Completion	
Location	Marymoor Park
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation 01/01/17 - 12/31/18	\$0	\$2,400,000	\$0	\$0	\$2,400,000
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$2,400,000	\$0	\$0	\$2,400,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39776 - CONTRIB REET #2	\$771,592	\$0	\$0	\$771,592
39789 - CONTRIB REET #1	\$1,628,408	\$0	\$0	\$1,628,408
Total Revenue	\$2,400,000	\$0	\$0	\$2,400,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		PKS MARYMOOR PARK FIELDS				1130266
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$0	\$0	\$0	\$0
2 Prelim Design	\$0		\$0	\$0	\$0	\$0
3 Final Design	\$0		\$0	\$0	\$0	\$0
4 Implementation	\$0		\$2,400,000	\$0	\$0	\$2,400,000
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$0		\$2,400,000	\$0	\$0	\$2,400,000

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$2,400,000	\$2,400,000	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$2,400,000	\$2,400,000	\$0

NARRATIVES

PKS MARYMOOR PARK FIELDS

1130266

Current Scope

Marymoor Park Fields - This project will fund the timely repair/replacement of synthetic turf at four fields at Marymoor Park. The fields were initially installed in 2008.

Project Justification

Marymoor Park is a regional destination and an important asset to the Parks Division. Synthetic turf fields typically have a 10-year life cycle. However some fields experience higher than average use which accelerates wear and reduces the life of the asset. Rehabilitation of aging turf fields ensures continued revenue generation and avoids safety issues that could arise from loose edges or wearing turf that may contribute to trip hazards.

Expected outcomes are risk reduction, customer satisfaction and sustained revenues with potential increases if Parks takes greater control of field scheduling.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	PKS MARYMOOR PARK FIELDS	1130266
Budget Request Basis		
Budget is based on Planning Level Engineer's Estimate, past experience with previous synthetic turf replacement projects.		
Project Status		
New Project.		
Alternatives Analysis		
Funding and Revenue Discussion		
This project is funded with Real Estate Excise Taxes, including transferring the carryover balance from projects 1122162 – Synthetic Turf Replacement and 1046229-Marymoor Fieldpartner.		
Other Agency Involvement		
Art Eligibility		
Maintenance project for Synthetic turf replacement.		
Equity and Social Justice Impact		
King County's park system impacts determinants of equity such as access to parks and natural resources, healthy built and natural environments, and strong, vibrant neighborhoods. These investments in will benefit underserved communities and disadvantaged individuals that use these facilities.		
Strategic Climate Action Plan Alignment		
Programmatic Sustainable Scorecard Platinum will be targeted. Parks seeks to minimize its impact on the environment, and by facilitating access to nature and outdoor recreation opportunities, hopes to educate the community of the need to protect open space for future generations.		
Operating Budget Impacts		
No immediate operating budget impacts are anticipated at this time. However, as capital improvements and major maintenance projects enter and complete construction phases, this work is anticipated to have impacts on the operating budget. For more context concerning future anticipated impacts of the capital program implementation on operations, please refer to the Parks Line of Business Plan.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

E911 Small PSAP Equipmt

1130200

Department	EXECUTIVE SERVICES
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3170 E 911 CAPITAL
Class Code	STANDALONE
Substantial Completion	01/02/2018
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 02/01/17 - 03/31/17	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation 04/03/17 - 09/01/17	\$0	\$1,600,000	\$1,500,000	\$1,500,000	\$4,600,000
5 Closeout 09/04/17 - 01/02/18	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$1,600,000	\$1,500,000	\$1,500,000	\$4,600,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
44108 - OTHR GEN GOV DES	\$1,600,000	\$1,500,000	\$1,500,000	\$4,600,000
Total Revenue	\$1,600,000	\$1,500,000	\$1,500,000	\$4,600,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		E911 Small PSAP Equipmt				1130200
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$0	\$0	\$0	\$0
2 Prelim Design	\$0		\$0	\$0	\$0	\$0
3 Final Design	\$0		\$0	\$0	\$0	\$0
4 Implementation	\$0		\$0	\$0	\$0	\$0
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$0		\$0	\$0	\$0	\$0

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$1,600,000	\$0	\$1,600,000
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$1,600,000	\$0	\$1,600,000

NARRATIVES E911 Small PSAP Equipmt 1130200

Current Scope

E911 Small Public Safety Answering Point (PSAP) Equipment - This project is an ongoing equipment refresh project that replaces equipment at the end of its life cycle.

Project Justification

This request moves equipment replacement budget authority from the operating budget to the capital budget. In the past, equipment replacement was appropriated in the operating budget but delays in projects resulted in frequent reappropriations. Moving the budget to capital budget provides more transparency and stability for these project budgets.

The failure of equipment that is at the end of its life cycle could put the 911 system at risk. It is imperative that the Program Office replace equipment to avoid these failures. The Interim Advisory Group (IAG) and the PSAPs affected by the equipment replacement will be involved in discussions, coordination and impact assessments.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	E911 Small PSAP Equipmt	1130200
Budget Request Basis		
This budget amount was determined based on past refreshes and the size of PSAPs.		
Project Status		
New.		
Alternatives Analysis		
No alternatives were considered since the equipment replacement is fundamental to the ongoing operations of the 911 centers.		
Funding and Revenue Discussion		
Other Agency Involvement		
The 12 King County PSAPs will be impacted by the project. The Interim Advisory Group (IAG) will be involved in the project as it develops and will be briefed on potential impacts to their operations.		
Art Eligibility		
Project not visible to the public.		
Equity and Social Justice Impact		
NA		
Strategic Climate Action Plan Alignment		
NA		
Operating Budget Impacts		
There are no anticipated increases/decreases to the operating budget based on the refreshes.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

E911 Security System

1130202

TA

Department	EXECUTIVE SERVICES
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3170 E 911 CAPITAL
Class Code	STANDALONE
Substantial Completion	07/31/2017
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 08/01/16 - 08/31/16	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design 09/01/16 - 12/01/16	\$0	\$0	\$0	\$0	\$0
4 Implementation 02/01/17 - 07/31/17	\$0	\$3,500,000	\$0	\$0	\$3,500,000
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$3,500,000	\$0	\$0	\$3,500,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
44108 - OTHR GEN GOV DES	\$3,500,000	\$0	\$0	\$3,500,000
Total Revenue	\$3,500,000	\$0	\$0	\$3,500,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		E911 Security System				1130202
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$0	\$0	\$0	\$0
2 Prelim Design	\$0		\$0	\$0	\$0	\$0
3 Final Design	\$0		\$0	\$0	\$0	\$0
4 Implementation	\$0		\$3,500,000	\$0	\$0	\$3,500,000
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$0		\$3,500,000	\$0	\$0	\$3,500,000

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$3,500,000	\$3,500,000	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$3,500,000	\$3,500,000	\$0

NARRATIVES

Current Scope

E911 Security System - This project will engage consultants and vendors to evaluate and execute an improved security system for the 911 technology.

Project Justification

This project was previously appropriated in the 2015/16 operating budget. This budget request transfers expenditure authority from the E-911 operating fund to the new E-911 CIP fund. The project was approved by the KCIT Project Review Board (PRB) in 2015 and will continue to be monitored during implementation.

This project will reduce risks to the 911 infrastructure through a thorough security analysis and implementation of a comprehensive security system. The PSAP Interim Advisory Group (IAG) is aware of the proposal to proceed with a security system implementation and is supportive of moving forward with the project.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	E911 Security System	1130202
Budget Request Basis		
The budget of \$3.5M was determined by a security consultant recommendation. Actual implementation costs will be determined by responses to the RFP but \$3.5M is the estimated cost and budget set aside at this time.		
Project Status		
New CIP Project. This project was approved in the operating budget in 2015 supplemental.		
Alternatives Analysis		
No alternatives evaluated. The security system implementation is necessary to reduce risk to the 911 system.		
Funding and Revenue Discussion		
Other Agency Involvement		
The 12 King County PSAPs will be impacted by the project. The Interim Advisory Group (IAG) will be involved in the project as it develops and will be briefed on potential impacts on their equipment.		
Art Eligibility		
Project not visible to the public.		
Equity and Social Justice Impact		
NA		
Strategic Climate Action Plan Alignment		
NA		
Operating Budget Impacts		
The maintenance and ongoing operating costs anticipated for this project are \$1.4M annually for contractual services. This has been included in the operating budget submission starting in 2018.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status: Approved

WLER ECO RESTORE & PROTECT

1033882

Master Project

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3292 SWM CIP NON-BOND SUBFUND
Class Code	WLER ECO Restore & Protect
Substantial Completion	
Location	Countywide
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$3,338,033	\$384,544	\$404,917	\$426,532	\$4,554,026
2 Preliminary Design	\$130,437	\$0	\$0	\$0	\$130,437
3 Final Design	\$416,970	\$0	\$0	\$0	\$416,970
4 Implementation	\$556,268	\$792,403	\$842,929	\$894,264	\$3,085,864
5 Closeout	\$5,001	\$0	\$0	\$0	\$5,001
6 Acquisition	\$184,492	\$0	\$0	\$0	\$184,492
Total Budget	\$4,631,202	\$1,176,947	\$1,247,846	\$1,320,796	\$8,376,791

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39721 - CONTRIB SURF WATER MGT	\$1,176,947	\$1,247,848	\$1,320,796	\$3,745,591
Total Revenue	\$1,176,947	\$1,247,848	\$1,320,796	\$3,745,591

EXPENSE WLER ECO RESTORE & PROTECT 1033882

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$1,069,556	\$450,000	\$384,544	\$404,917	\$426,532	\$2,735,549
2 Prelim Design	\$21,773	\$0	\$0	\$0	\$0	\$21,773
3 Final Design	\$223,270	\$0	\$0	\$0	\$0	\$223,270
4 Implementation	\$1,253,183	(\$450,000)	\$792,403	\$842,929	\$894,264	\$3,332,779
5 Closeout	\$38,154	\$0	\$0	\$0	\$0	\$38,154
6 Acquisition	\$25,616	\$0	\$0	\$0	\$0	\$25,616
Total Expense	\$2,631,551	\$0	\$1,176,947	\$1,247,846	\$1,320,796	\$6,377,140

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$1,069,556	\$3,338,033	\$1,519,556
2 Preliminary Design	\$0	\$0	\$21,773	\$130,437	\$21,773
3 Final Design	\$0	\$0	\$223,270	\$416,970	\$223,270
4 Implementation	\$0	\$0	\$1,253,183	\$556,268	\$803,183
5 Closeout	\$0	\$0	\$38,154	\$5,001	\$38,154
6 Acquisition	\$0	\$0	\$25,616	\$184,492	\$25,616
Total	\$0	\$0	\$2,631,552	\$4,631,201	\$2,631,552

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$1,818,477	\$384,544	\$384,544	\$1,818,477
2 Preliminary Design	\$108,665	\$0	\$0	\$108,665
3 Final Design	\$193,700	\$0	\$0	\$193,700
4 Implementation	(\$246,915)	\$792,403	\$792,403	(\$246,915)
5 Closeout	(\$33,152)	\$0	\$0	(\$33,152)
6 Acquisition	\$158,876	\$0	\$0	\$158,876
Total	\$1,999,651	\$1,176,947	\$1,176,947	\$1,999,651

NARRATIVES

WLER ECO RESTORE & PROTECT

1033882

Current Scope

Ecological Restore and Protect - This project undertakes actions to restore and preserve important habitat ecosystems and/or protect property from events such as flooding, erosion, adverse water quality, vandalism or the deterioration of habitat. The highest priority projects in this program are those which protect or restore habitat for endangered species to maintain the health of the habitat. This includes projects for recon and feasibility analyses of proposed future projects; preserve and protect funds to protect acquired property from misuse by installing fences, bollards or removal of structures; project management improvements, including development and implementation of project management standards/procedures, payment of fees for use of PRISM and project audits; and adaptive management actions following project construction to ensure that project meet project goals and objectives, including protection private property and public safety.

Project Justification

This project provides an Ecosystem wide master project for several separate programmatic projects: -ecosystem recon/feasibility to identify, assess and develop concepts for potential future projects; -preservation and protection of unique properties, including demolition of structures on the properties; -project management standards and project management accountability; and -adaptive management actions.

Budget Request Basis

Generally, each program bases the budget request on a review of recent years' expenditures compared to the anticipated work needs for the upcoming biennium.

Project Status

Work completed for each of these programs is described in the CAP forms for the subprojects.

Alternatives Analysis

NA

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WLER ECO RESTORE & PROTECT

1033882

Funding and Revenue Discussion

Funding for this project is from county surface water management fees.

Other Agency Involvement

Various local, state and federal regulatory agencies may be involved in actions undertaken by the preserve and protect (demolition) and adaptive management subprograms.

Art Eligibility

No. Programs funded in this master project do not include new construction, reconstruction or remodeling. The subprograms are maintenance or minor rehabilitation which are excluded.

Equity and Social Justice Impact

Not applicable to project.

Strategic Climate Action Plan Alignment

The preserve and protect program and adaptive management program both support numerous SCAC goals by removing hazardous structures (often from flood-prone locations), restoration of degraded properties for habitat improvement, and planting of many native trees and shrubs. The preserve and protect program supports several green building goals through the abatement of hazardous materials, recycling and reuse of building materials.

Operating Budget Impacts

There are no impacts to the operating budget.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WLER WRIA 7 ECOSYSTEM RESTORATN

1034167

Master Project, Art Eligible

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3292 SWM CIP NON-BOND SUBFUND
Class Code	WLER WRIA 7 ECOSYSTEM RESTORATN
Substantial Completion	12/31/2050
Location	WRIA 7
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/01/10 - 12/31/18	\$2,616,702	\$66,286	\$59,264	\$1,242,064	\$3,984,316
2 Preliminary Design	\$275,522	\$1,185,587	\$4,091	\$0	\$1,465,200
3 Final Design	\$3,533,369	\$683,608	\$509,079	\$0	\$4,726,056
4 Implementation	\$6,542,590	\$188,627	\$26,711,018	\$1,627,117	\$35,069,352
5 Closeout	\$140,256	\$35,892	\$0	\$57,964	\$234,112
6 Acquisition	\$2,424,474	(\$1,654,250)	\$0	\$0	\$770,224
Total Budget	\$15,532,914	\$505,750	\$27,283,452	\$2,927,145	\$46,249,261

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$7,189	\$5,562	\$1,971	\$14,722

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
38902 - REV CONTINGENCY (BUDGET)	(\$1,654,250)	\$25,989,538	\$1,554,429	\$25,889,717
39719 - CONTRIB FLOOD CONTROL ZONE DT	\$1,175,000	\$0	\$0	\$1,175,000
39721 - CONTRIB SURF WATER MGT	\$480,000	\$1,293,914	\$1,372,714	\$3,146,628
40809 - SALMON RECOVERY DEPT COMM	\$400,000	\$0	\$0	\$400,000
43945 - SWM - ILA SERVICES ESA	\$105,000	\$0	\$0	\$105,000
Total Revenue	\$505,750	\$27,283,452	\$2,927,143	\$30,716,345

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		WLER WRIA 7 ECOSYSTEM RESTORATN					1034167
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense	
1 Planning	\$623,807	\$837,500	\$66,286	\$59,264	\$1,242,064	\$2,828,921	
2 Prelim Design	\$928,866	\$156,419	\$1,294,256	\$4,091	\$0	\$2,383,632	
3 Final Design	\$2,279,235	\$54,143	\$683,608	\$509,079	\$0	\$3,526,065	
4 Implementation	\$5,100,681	(\$1,089,561)	\$81,958	\$26,850,737	\$1,627,117	\$32,570,932	
5 Closeout	\$351,683	\$41,500	\$33,892	\$0	\$57,964	\$485,039	
6 Acquisition	\$356,706	\$0	\$0	\$0	\$0	\$356,706	
Total Expense	\$9,640,978	\$1	\$2,160,000	\$27,423,171	\$2,927,145	\$42,151,295	

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$623,807	\$2,616,702	\$1,461,307
2 Preliminary Design	\$0	\$0	\$928,866	\$275,522	\$1,085,285
3 Final Design	\$0	\$0	\$2,279,235	\$3,533,369	\$2,333,378
4 Implementation	\$0	\$0	\$5,100,681	\$6,542,590	\$4,011,120
5 Closeout	\$0	\$0	\$351,683	\$140,256	\$393,183
6 Acquisition	\$0	\$0	\$356,706	\$2,424,474	\$356,706
Total	\$0	\$0	\$9,640,978	\$15,532,913	\$9,640,979

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$1,155,395	\$66,286	\$66,286	\$1,155,395
2 Preliminary Design	(\$809,762)	\$1,185,587	\$1,294,256	(\$918,431)
3 Final Design	\$1,199,991	\$683,608	\$683,608	\$1,199,991
4 Implementation	\$2,531,470	\$188,627	\$81,958	\$2,638,139
5 Closeout	(\$252,927)	\$35,892	\$33,892	(\$250,927)
6 Acquisition	\$2,067,768	(\$1,654,250)	\$0	\$413,518
Total	\$5,891,935	\$505,750	\$2,160,000	\$4,237,685

NARRATIVES	WLER WRIA 7 ECOSYSTEM RESTORATN	1034167
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Current Scope

WRIA 7 Ecosystem Restoration - This project undertakes actions to protect or restore aquatic ecosystems in the unincorporated portions of the Snoqualmie Watershed. The projects are primarily identified through WRIA 7 salmon conservation planning, Surface Water Management basin planning, and other investigation efforts by the Snoqualmie basin steward. Typical actions include reconnecting side-channel habitat to the mainstem river, removing levees and other forms of bank hardening, eliminating man-made barriers to fish migration (such as blocked culverts), increasing riparian forest cover to improve water quality, and adding large wood to increase instream habitat complexity.

Project Justification

This project provides for substantial ecological improvements in the Snoqualmie watershed. Listing of several species of fish under the Endangered Species Act has shown the need to preserve ecological habitat. The projects which are funded through this program are implemented to provide increased habitat and favorable conditions for fish and other aquatic wildlife which is necessary for their survival.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	WLER WRIA 7 ECOSYSTEM RESTORATN	1034167
Budget Request Basis		
This budget request is based on an estimate that was generated by looking at similar projects.		
Project Status		
Status for both Frew Floodplain Reconnection and Tolt San Souci is that planning level work is beginning in 2016.		
Alternatives Analysis		
To be completed during the preliminary design phase.		
Funding and Revenue Discussion		
Funding for WLR SWM capital projects includes revenue from numerous external agencies as well as county sources. Some of these funding sources includes grants from federal and state agencies, local agencies, local levy proceeds, county surface water management fees and Interlocal agreements.		
Other Agency Involvement		
To be determined, but numerous local, state and federal grant and regulatory agencies will be stakeholders.		
Art Eligibility		
Yes.		
Equity and Social Justice Impact		
The primary purpose of these projects is improving salmon habitat. Restoring healthy runs of salmon is critically important to meeting the tribal treaty rights of Northwest Indian tribes and is very consistent with King County's ESJ goals.		
Strategic Climate Action Plan Alignment		
The restoration projects will restore riparian buffer vegetation which, over time, will help sequester carbon and help maintain salmon-friendly water temperature. Green Building strategies will be identified at 30% design.		
Operating Budget Impacts		
Permit driven requirements for Monitoring and Maintenance could be a future operating cost.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WLER WRIA8 ECOSYSTEM RESTORATN

1034171

Master Project, Art Eligible

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3292 SWM CIP NON-BOND SUBFUND
Class Code	WLER WRIA8 Ecosystem Restoratn
Substantial Completion	12/31/2050
Location	WRIA 8
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/01/10 - 12/31/18	\$1,754,731	\$31,827	\$0	\$0	\$1,786,558
2 Preliminary Design	\$3,000,001	\$41,827	\$0	\$0	\$3,041,828
3 Final Design	\$1,039,895	\$902,787	\$14,570	\$0	\$1,957,252
4 Implementation	\$4,199,259	\$4,651,641	\$1,978,783	\$1,961,491	\$12,791,174
5 Closeout	\$1	(\$397,690)	\$55,456	\$0	(\$342,233)
6 Acquisition	\$1,540,235	\$2,387	\$0	\$0	\$1,542,622
Total Budget	\$11,534,123	\$5,232,779	\$2,048,809	\$1,961,491	\$20,777,202

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$3,136	\$0	\$0	\$3,136

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
33429 - DEPT OF ECOLOGY	\$4,000,000	\$0	\$0	\$4,000,000
33705 - INTERLOCAL SEATTLE	\$1,000,000	\$0	\$0	\$1,000,000
33833 - FLOOD CONTROL REIMB	\$250,000	\$0	\$0	\$250,000
38902 - REV CONTINGENCY (BUDGET)	(\$461,716)	\$1,009,518	\$1,112,234	\$1,660,036
39721 - CONTRIB SURF WATER MGT	\$350,000	\$1,039,291	\$849,257	\$2,238,548
43945 - SWM - ILA SERVICES ESA	\$94,494	\$0	\$0	\$94,494
Total Revenue	\$5,232,778	\$2,048,809	\$1,961,491	\$9,243,078

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		WLER WRIA8 ECOSYSTEM RESTORATN					1034171
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense	
1 Planning	\$356,081	\$6,366,688	\$31,827	\$0	\$0	\$6,754,596	
2 Prelim Design	\$666,116	\$510,975	\$41,827	\$0	\$0	\$1,218,918	
3 Final Design	\$1,792,056	\$210,540	\$902,787	\$14,570	\$0	\$2,919,953	
4 Implementation	\$3,587,777	(\$7,095,428)	\$4,651,641	\$1,978,783	\$1,961,491	\$5,084,264	
5 Closeout	\$108,126	\$4,025	\$64,026	\$55,456	\$0	\$231,633	
6 Acquisition	\$1,318,865	\$3,200	\$2,387	\$0	\$0	\$1,324,452	
Total Expense	\$7,829,022	\$0	\$5,694,495	\$2,048,809	\$1,961,491	\$17,533,817	

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$356,081	\$1,754,731	\$6,722,769
2 Preliminary Design	\$0	\$0	\$666,116	\$3,000,001	\$1,177,091
3 Final Design	\$0	\$0	\$1,792,056	\$1,039,895	\$2,002,596
4 Implementation	\$0	\$0	\$3,587,777	\$4,199,259	(\$3,507,651)
5 Closeout	\$0	\$0	\$108,126	\$1	\$112,151
6 Acquisition	\$0	\$0	\$1,318,865	\$1,540,235	\$1,322,065
Total	\$0	\$0	\$7,829,021	\$11,534,122	\$7,829,021

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$4,968,038)	\$31,827	\$31,827	(\$4,968,038)
2 Preliminary Design	\$1,822,910	\$41,827	\$41,827	\$1,822,910
3 Final Design	(\$962,701)	\$902,787	\$902,787	(\$962,701)
4 Implementation	\$7,706,910	\$4,651,641	\$4,651,641	\$7,706,910
5 Closeout	(\$112,150)	(\$397,690)	\$64,026	(\$573,866)
6 Acquisition	\$218,169	\$2,387	\$2,387	\$218,169
Total	\$3,705,100	\$5,232,779	\$5,694,495	\$3,243,384

NARRATIVES

Current Scope

WRIA 8 Ecosystem Restoration - This project undertakes actions to protect or restore aquatic ecosystems in the unincorporated portions of the Cedar/Lake Washington Watershed. The projects are primarily identified through WRIA 8 salmon conservation planning, Surface Water Management basin planning, and other investigation efforts by the Cedar/Lake Washington watershed steward. Typical actions include reconnecting side-channel habitat to the mainstem river, removing levees and other forms of bank hardening, eliminating man-made barriers to fish migration (such as blocked culverts), increasing riparian forest cover to improve water quality, and adding large wood to increase instream habitat complexity.

Project Justification

This project provides for substantial ecological improvements in the Cedar/ Lake Washington watershed. Listing of several species of fish on the Endangered Species Act has shown the need to preserve ecological habitat. The projects which are funded through this program are implemented to provide increased habitat and favorable conditions for fish and other aquatic wildlife which is necessary for their survival.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WLER WRIA8 ECOSYSTEM RESTORATN

1034171

Budget Request Basis

This budget request is based on an estimate that was generated by looking at similar projects.

Project Status

Status for Cedar River Riverbend restoration is: The project is in the preliminary design phase with alternative analysis slated to occur fall 2016 and preliminary design plans being ready early first quarter 2017. For the Bear Creek Doyle restoration project the project team is presently evaluating design alternatives for the project.

Alternatives Analysis

To be completed during the preliminary design phase.

Funding and Revenue Discussion

Funding for WLR SWM capital projects includes revenue from numerous external agencies as well as county sources. Some of these funding sources include grants from federal and state agencies, local agencies, local levy proceeds, county surface water management fees and Interlocal agreements.

Other Agency Involvement

To be determined, but numerous local, state and federal grant and regulatory agencies will be stakeholders.

Art Eligibility

Yes.

Equity and Social Justice Impact

During project design, teams reach out to a variety of stakeholders and to the extent consistent with the goals of the project, strive to incorporate project elements that promote ESJ goals. This includes identifying strategies to improve the contribution of equity determinants in the project area, outreach to the community, ensuring alignment with sustainability and municipal initiatives, and recommendations to mitigate negative ESJ impacts and enhance positive ESJ benefits of the project.

Strategic Climate Action Plan Alignment

The restoration projects will restore riparian buffer vegetation which, over time, will help sequester carbon and help maintain salmon-friendly water temperature. Green Building strategies will be identified at 30% design.

Operating Budget Impacts

Permit driven requirements for Monitoring and Maintenance could be a future operating cost.


Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WLER WRIA9 ECOSYSTEM RESTORATN

1034245

Master Project, Art Eligible

Department	NATURAL RESOURCES AND PARKS	
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9	
Fund	3292 SWM CIP NON-BOND SUBFUND	
Class Code	WLER WRIA9 Ecosystem Restoratn	
Substantial Completion		
Location	WRIA 9	
Cap Status	Approved	

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/01/10 - 12/31/22	\$3,543,147	\$34,817	\$0	\$0	\$3,577,964
2 Preliminary Design	\$901,413	\$665,423	\$22,510	\$0	\$1,589,346
3 Final Design	\$1,844,644	\$265,525	\$367,047	\$0	\$2,477,216
4 Implementation	\$8,107,752	\$317,209	\$4,025,715	\$1,267,666	\$13,718,342
5 Closeout	\$196,024	(\$3,196,755)	\$78,130	\$0	(\$2,922,601)
6 Acquisition	\$55,803	\$0	\$0	\$0	\$55,803
Total Budget	\$14,648,783	(\$1,913,781)	\$4,493,402	\$1,267,666	\$18,496,070

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$7,203	\$0	\$0	\$7,203

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
33833 - FLOOD CONTROL REIMB	\$125,000	\$0	\$0	\$125,000
38902 - REV CONTINGENCY (BUDGET)	(\$3,219,352)	\$3,290,573	\$101,732	\$172,953
39721 - CONTRIB SURF WATER MGT	\$688,072	\$1,202,829	\$1,165,934	\$3,056,835
40809 - SALMON RECOVERY DEPT COMM	\$492,500	\$0	\$0	\$492,500
Total Revenue	(\$1,913,780)	\$4,493,402	\$1,267,666	\$3,847,288

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		WLER WRIA9 ECOSYSTEM RESTORATN					1034245
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense	
1 Planning	\$477,223	\$92,979	\$34,817	\$0	\$0	\$605,019	
2 Prelim Design	\$606,834	\$100,000	\$665,423	\$22,510	\$0	\$1,394,767	
3 Final Design	\$2,158,764	\$79,534	\$300,817	\$367,047	\$0	\$2,906,162	
4 Implementation	\$4,004,575	(\$310,699)	\$281,917	\$4,025,715	\$1,267,666	\$9,269,174	
5 Closeout	\$202,196	\$38,186	\$22,597	\$78,130	\$0	\$341,109	
6 Acquisition	\$194,184	\$0	\$0	\$0	\$0	\$194,184	
Total Expense	\$7,643,776	\$0	\$1,305,571	\$4,493,402	\$1,267,666	\$14,710,415	

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE	
1 Planning	\$0	\$0	\$477,223	\$3,543,147	\$570,202	
2 Preliminary Design	\$0	\$0	\$606,834	\$901,413	\$706,834	
3 Final Design	\$0	\$0	\$2,158,764	\$1,844,644	\$2,238,298	
4 Implementation	\$0	\$0	\$4,004,575	\$8,107,752	\$3,693,876	
5 Closeout	\$0	\$0	\$202,196	\$196,024	\$240,382	
6 Acquisition	\$0	\$0	\$194,184	\$55,803	\$194,184	
Total	\$0	\$0	\$7,643,776	\$14,648,783	\$7,643,776	

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$2,972,945	\$34,817	\$34,817	\$2,972,945
2 Preliminary Design	\$194,580	\$665,423	\$665,423	\$194,580
3 Final Design	(\$393,654)	\$265,525	\$300,817	(\$428,946)
4 Implementation	\$4,413,876	\$317,209	\$281,917	\$4,449,168
5 Closeout	(\$44,357)	(\$3,196,755)	\$22,597	(\$3,263,709)
6 Acquisition	(\$138,381)	\$0	\$0	(\$138,381)
Total	\$7,005,009	(\$1,913,781)	\$1,305,571	\$3,785,657

NARRATIVES	WLER WRIA9 ECOSYSTEM RESTORATN	1034245
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Current Scope

WRIA 9 Ecosystem Restoration - This project undertakes actions to protect or restore aquatic ecosystems in the unincorporated portions of the Green/ Duwamish Watersheds. The projects are primarily identified through WRIA 9 salmon conservation planning, Surface Water Management basin planning, and other investigation efforts by the Middle Green river basin steward. Typical actions include reconnecting side-channel habitat to the mainstem river, removing levees and other forms of bank hardening, eliminating man-made barriers to fish migration (such as blocked culverts), increasing riparian forest cover to improve water quality, and adding large wood to increase instream habitat complexity.

Project Justification

This project provides for substantial ecological improvements in the Green/ Duwamish watersheds. Listing of several species of fish on the Endangered Species Act has shown the need to preserve ecological habitat. The projects which are funded through this program are implemented to provide increased habitat and favorable conditions for fish and other aquatic wildlife which is necessary for their survival.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	WLER WRIA9 ECOSYSTEM RESTORATN	1034245
Budget Request Basis		
This budget request is based on an estimate that was generated by looking at similar projects.		
Project Status		
Status for Turley/Lones Levee setback is: Initial Level 1 feasibility is mostly complete with Level 2-3 feasibility to near completion by end of 2016. For Auburn Narrows restoration the design alternative has been selected and final design is getting started.		
Alternatives Analysis		
To be completed during the preliminary design phase.		
Funding and Revenue Discussion		
Funding for WLR SWM capital projects includes revenue from numerous external agencies as well as county sources. Some of these funding sources include grants from federal and state agencies, local agencies, local levy proceeds, county surface water management fees and Interlocal agreements.		
Other Agency Involvement		
To be determined, but numerous local, state and federal grant and regulatory agencies will be stakeholders.		
Art Eligibility		
Yes.		
Equity and Social Justice Impact		
During project design, teams reach out to a variety of stakeholders and to the extent consistent with the goals of the project, strive to incorporate project elements that promote ESJ goals. This includes identifying strategies to improve the contribution of equity determinants in the project area, outreach to the community, ensuring alignment with sustainability and municipal initiatives, and recommendations to mitigate negative ESJ impacts and enhance positive ESJ benefits of the project.		
Strategic Climate Action Plan Alignment		
The restoration projects will restore riparian buffer vegetation which, over time, will help sequester carbon and help maintain salmon-friendly water temperature. Green Building strategies will be identified at 30% design.		
Operating Budget Impacts		
Permit driven requirements for Monitoring and Maintenance could be a future operating cost.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status: Approved

WLER WRIA10 ECOSYSTEM RESTORATN

1034280

Master Project, Art Eligible

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3292 SWM CIP NON-BOND SUBFUND
Class Code	WLER WRIA10 Ecosystem Restoratn
Substantial Completion	12/31/2050
Location	WRIA 10
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/01/10 - 12/31/18	\$407,414	\$0	\$0	\$0	\$407,414
2 Preliminary Design	\$1	\$8,240	\$0	\$0	\$8,241
3 Final Design	\$810,476	\$185,709	\$0	\$0	\$996,185
4 Implementation	\$1,539,387	\$804,051	\$614,112	\$465,449	\$3,422,999
5 Closeout	\$60,001	\$0	\$32,782	\$0	\$92,783
6 Acquisition	\$123,916	\$0	\$0	\$0	\$123,916
Total Budget	\$2,941,195	\$998,000	\$646,894	\$465,449	\$5,051,538

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$2,431	\$0	\$0	\$2,431

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
33429 - DEPT OF ECOLOGY	\$100,000	\$0	\$0	\$100,000
33833 - FLOOD CONTROL REIMB	\$218,000	\$0	\$0	\$218,000
38902 - REV CONTINGENCY (BUDGET)	\$0	\$226,949	\$175,795	\$402,744
39721 - CONTRIB SURF WATER MGT	\$230,000	\$419,945	\$289,654	\$939,599
40809 - SALMON RECOVERY DEPT COMM	\$450,000	\$0	\$0	\$450,000
Total Revenue	\$998,000	\$646,894	\$465,449	\$2,110,343

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		WLER WRIA10 ECOSYSTEM RESTORATN					1034280
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense	
1 Planning	\$22,473	\$50,000	\$0	\$0	\$0	\$72,473	
2 Prelim Design	\$266,898	\$300,000	\$8,240	\$0	\$0	\$575,138	
3 Final Design	\$850,573	\$0	\$185,709	\$0	\$0	\$1,036,282	
4 Implementation	\$796,868	(\$350,000)	\$804,051	\$614,112	\$465,449	\$2,330,480	
5 Closeout	\$14,551	\$0	\$0	\$32,782	\$0	\$47,333	
6 Acquisition	\$95,269	\$0	\$0	\$0	\$0	\$95,269	
Total Expense	\$2,046,632	\$0	\$998,000	\$646,894	\$465,449	\$4,156,975	

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$22,473	\$407,414	\$72,473
2 Preliminary Design	\$0	\$0	\$266,898	\$1	\$566,898
3 Final Design	\$0	\$0	\$850,573	\$810,476	\$850,573
4 Implementation	\$0	\$0	\$796,868	\$1,539,387	\$446,868
5 Closeout	\$0	\$0	\$14,551	\$60,001	\$14,551
6 Acquisition	\$0	\$0	\$95,269	\$123,916	\$95,269
Total	\$0	\$0	\$2,046,632	\$2,941,195	\$2,046,632

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$334,941	\$0	\$0	\$334,941
2 Preliminary Design	(\$566,897)	\$8,240	\$8,240	(\$566,897)
3 Final Design	(\$40,097)	\$185,709	\$185,709	(\$40,097)
4 Implementation	\$1,092,519	\$804,051	\$804,051	\$1,092,519
5 Closeout	\$45,450	\$0	\$0	\$45,450
6 Acquisition	\$28,647	\$0	\$0	\$28,647
Total	\$894,563	\$998,000	\$998,000	\$894,563

NARRATIVES WLER WRIA10 ECOSYSTEM RESTORATN 1034280

Current Scope

WRIA 10 Ecosystem Restoration - This project undertakes actions to protect or restore aquatic ecosystems in the unincorporated portions of the White River Watershed. The projects are primarily identified through WRIA 10 salmon conservation planning, Surface Water Management basin planning, and other investigation efforts by the WRIA10 basin stewards. Typical actions include reconnecting side-channel habitat to the mainstem river, removing levees and other forms of bank hardening, eliminating man-made barriers to fish migration (such as blocked culverts), increasing riparian forest cover to improve water quality, and adding large wood to increase instream habitat complexity.

Project Justification

This project provides for substantial ecological improvements in the White River watersheds. Listing of several species of fish on the endangered list has shown the need to preserve ecological habitat. The projects which are funded through this program are implemented to provide increased habitat and favorable conditions for fish and other aquatic wildlife which is necessary for their survival.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	WLER WRIA10 ECOSYSTM RESTORATN	1034280
Budget Request Basis		
This budget request is based on an estimate that was generated by looking at similar projects.		
Project Status		
Easement negotiations have been slower and more costly than anticipated but we expect to complete this work during the second half of 2016. We anticipate completing 30% design in June 2016.		
Alternatives Analysis		
To be completed during the preliminary design phase.		
Funding and Revenue Discussion		
Funding for WLR SWM capital projects includes revenue from numerous external agencies as well as county sources. Some of these funding sources include grants from federal and state agencies, local agencies, local levy proceeds, county surface water management fees and Interlocal agreements.		
Other Agency Involvement		
To be determined, but numerous local, state and federal grant and regulatory agencies will be stakeholders.		
Art Eligibility		
Yes.		
Equity and Social Justice Impact		
During project design, teams reach out to a variety of stakeholders and to the extent consistent with the goals of the project, strive to incorporate project elements that promote ESJ goals. This includes identifying strategies to improve the contribution of equity determinants in the project area, outreach to the community, ensuring alignment with sustainability and municipal initiatives, and recommendations to mitigate negative ESJ impacts and enhance positive ESJ benefits of the project.		
Strategic Climate Action Plan Alignment		
The restoration projects will restore riparian buffer vegetation which, over time, will help sequester carbon and help maintain salmon-friendly water temperature. Green Building strategies will be identified at 30% design.		
Operating Budget Impacts		
Permit driven requirements for Monitoring and Maintenance could be a future operating cost.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WLER VASHON ECOSYSTEM RESTORAT

1034282

Master Project, Art Eligible

Department	NATURAL RESOURCES AND PARKS
Council District(s)	8
Fund	3292 SWM CIP NON-BOND SUBFUND
Class Code	WLER Vashon Ecosystem Restorat
Substantial Completion	12/31/2050
Location	Vashon Island
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/01/10 - 12/31/18	\$1,332,700	\$32,908	\$0	\$0	\$1,365,608
2 Preliminary Design	\$240,001	\$218,463	\$0	\$0	\$458,464
3 Final Design	\$442,469	\$237,420	\$32,782	\$0	\$712,671
4 Implementation	\$1,340,851	\$535,506	\$4,386,752	\$5,410,911	\$11,674,020
5 Closeout	\$118,274	(\$631,453)	\$10,927	\$0	(\$502,252)
6 Acquisition	\$1,421,242	\$0	\$0	\$0	\$1,421,242
Total Budget	\$4,895,537	\$392,844	\$4,430,461	\$5,410,911	\$15,129,753

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$5,119	\$0	\$0	\$5,119

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
33833 - FLOOD CONTROL REIMB	\$500,000	\$0	\$0	\$500,000
38902 - REV CONTINGENCY (BUDGET)	(\$694,653)	\$3,523,060	\$4,448,248	\$7,276,655
39721 - CONTRIB SURF WATER MGT	\$587,497	\$907,402	\$962,663	\$2,457,562
Total Revenue	\$392,844	\$4,430,462	\$5,410,911	\$10,234,217

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		WLER VASHON ECOSYSTEM RESTORAT				1034282
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$103,675	\$467,000	\$32,908	\$0	\$0	\$603,583
2 Prelim Design	\$305,524	\$125,000	\$218,463	\$0	\$0	\$648,987
3 Final Design	\$333,575	\$29,986	\$237,420	\$32,782	\$0	\$633,763
4 Implementation	\$464,342	(\$662,319)	\$535,506	\$4,386,752	\$5,410,911	\$10,135,192
5 Closeout	\$39,174	\$40,333	\$63,200	\$10,927	\$0	\$153,634
6 Acquisition	\$968,225	\$0	\$0	\$0	\$0	\$968,225
Total Expense	\$2,214,516	\$0	\$1,087,497	\$4,430,461	\$5,410,911	\$13,143,385

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$103,675	\$1,332,700	\$570,675
2 Preliminary Design	\$0	\$0	\$305,524	\$240,001	\$430,524
3 Final Design	\$0	\$0	\$333,575	\$442,469	\$363,561
4 Implementation	\$0	\$0	\$464,342	\$1,340,851	(\$197,977)
5 Closeout	\$0	\$0	\$39,174	\$118,274	\$79,507
6 Acquisition	\$0	\$0	\$968,225	\$1,421,242	\$968,225
Total	\$0	\$0	\$2,214,515	\$4,895,537	\$2,214,515

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$762,025	\$32,908	\$32,908	\$762,025
2 Preliminary Design	(\$190,523)	\$218,463	\$218,463	(\$190,523)
3 Final Design	\$78,908	\$237,420	\$237,420	\$78,908
4 Implementation	\$1,538,828	\$535,506	\$535,506	\$1,538,828
5 Closeout	\$38,766	(\$631,453)	\$63,200	(\$655,887)
6 Acquisition	\$453,017	\$0	\$0	\$453,017
Total	\$2,681,021	\$392,844	\$1,087,497	\$1,986,368

NARRATIVES WLER VASHON ECOSYSTEM RESTORAT 1034282

Current Scope

Vashon Ecosystem Restoration - This project undertakes actions to protect or restore aquatic ecosystems in the unincorporated portions of the Vashon-Maury Island Watershed. The projects are primarily identified through salmon conservation planning, Surface Water Management basin planning, and other investigation efforts by the basin stewards. Typical actions include reconnecting side-channel habitat to the mainstem river, removing levees and other forms of bank hardening, eliminating man-made barriers to fish migration (such as blocked culverts), increasing riparian forest cover to improve water quality, and recreating log jams to increase the dynamic complexity of river flows.

Project Justification

This project provides for substantial ecological improvements in the Vashon-Maury Island watershed. Listing of several species of fish on the endangered list has shown the need to preserve ecological habitat. The projects which are funded through this program are implemented to provide increased habitat and favorable conditions for fish and other aquatic wildlife which is necessary for their survival.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WLER VASHON ECOSYSTEM RESTORAT

1034282

Budget Request Basis

This budget request is based on an estimate that was generated by looking at similar projects.

Project Status

Status for the Maury Island Reserve Armoring removal project: Acquisition of four parcels complete. Feasibility study and preliminary design to be completed in 2016; final design and demolition to be completed in 2017 and 2018. Marine Shoreline Revegetation is in the planning phase.

Alternatives Analysis

To be completed during the preliminary design phase.

Funding and Revenue Discussion

Funding for WLR SWM capital projects includes revenue from numerous external agencies as well as county sources. Some of these funding sources include grants from federal and state agencies, local agencies, local levy proceeds, county surface water management fees and Interlocal agreements.

Other Agency Involvement

To be determined, but numerous local, state and federal grant and regulatory agencies will be stakeholders.

Art Eligibility

Yes.

Equity and Social Justice Impact

During project design, teams reach out to a variety of stakeholders and to the extent consistent with the goals of the project, strive to incorporate project elements that promote ESJ goals. This includes identifying strategies to improve the contribution of equity determinants in the project area, outreach to the community, ensuring alignment with sustainability and municipal initiatives, and recommendations to mitigate negative ESJ impacts and enhance positive ESJ benefits of the project.

Strategic Climate Action Plan Alignment

The restoration projects will restore riparian buffer vegetation which, over time, will help sequester carbon and help maintain salmon-friendly water temperature. Green Building strategies will be identified at 30% design.

Operating Budget Impacts

Permit driven requirements for Monitoring and Maintenance could be a future operating cost.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WLER SMALL HABITAT RESTORATION

1034287

Master Project, Green Building Reporting, Art Eligible

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3292 SWM CIP NON-BOND SUBFUND
Class Code	WLER Small Habitat Restoration
Substantial Completion	01/01/2042
Location	Countywide
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$1,490,414	\$141,839	\$159,713	\$83,468	\$1,875,434
2 Preliminary Design	\$1	\$0	\$0	\$0	\$1
3 Final Design	\$12,409	\$39,556	\$46,583	\$24,345	\$122,893
4 Implementation	\$1,337,471	\$435,117	\$643,289	\$943,962	\$3,359,839
5 Closeout	\$502	\$201,487	\$279,498	\$146,069	\$627,556
6 Acquisition	\$698	\$0	\$0	\$0	\$698
Total Budget	\$2,841,494	\$817,999	\$1,129,083	\$1,197,844	\$5,986,420

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$3,659	\$6,011	\$3,142	\$12,812

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39721 - CONTRIB SURF WATER MGT	\$818,000	\$1,129,082	\$1,197,843	\$3,144,925
Total Revenue	\$818,000	\$1,129,082	\$1,197,843	\$3,144,925

EXPENSE WLER SMALL HABITAT RESTORATION 1034287

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$252,314	\$89,806	\$141,839	\$159,713	\$83,468	\$727,140
2 Prelim Design	(\$9,990)	\$0	\$0	\$0	\$0	(\$9,990)
3 Final Design	\$256,943	\$27,403	\$39,556	\$46,583	\$24,345	\$394,830
4 Implementation	\$1,401,955	(\$281,626)	\$399,268	\$643,289	\$943,962	\$3,106,848
5 Closeout	\$292,832	\$164,417	\$237,337	\$279,498	\$146,069	\$1,120,153
6 Acquisition	\$2,767	\$0	\$0	\$0	\$0	\$2,767
Total Expense	\$2,196,821	\$0	\$818,000	\$1,129,083	\$1,197,844	\$5,341,748

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$252,314	\$1,490,414	\$342,120
2 Preliminary Design	\$0	\$0	(\$9,990)	\$1	(\$9,990)
3 Final Design	\$0	\$0	\$256,943	\$12,409	\$284,346
4 Implementation	\$0	\$0	\$1,401,955	\$1,337,471	\$1,120,329
5 Closeout	\$0	\$0	\$292,832	\$502	\$457,249
6 Acquisition	\$0	\$0	\$2,767	\$698	\$2,767
Total	\$0	\$0	\$2,196,821	\$2,841,495	\$2,196,821

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$1,148,294	\$141,839	\$141,839	\$1,148,294
2 Preliminary Design	\$9,991	\$0	\$0	\$9,991
3 Final Design	(\$271,937)	\$39,556	\$39,556	(\$271,937)
4 Implementation	\$217,142	\$435,117	\$399,268	\$252,991
5 Closeout	(\$456,748)	\$201,487	\$237,337	(\$492,598)
6 Acquisition	(\$2,069)	\$0	\$0	(\$2,069)
Total	\$644,673	\$817,999	\$818,000	\$644,672

NARRATIVES

WLER SMALL HABITAT RESTORATION

1034287

Current Scope

Small Habitat Restoration - The mission of SHRP is to build small low-cost habitat restoration projects to enhance and restore streams and wetlands and riparian habitat. Projects include stabilizing eroding streambanks, restoring fish access to upstream habitat, installing livestock fences, controlling invasive weeds, planting native vegetation and providing technical assistance to landowners and agencies. Projects are implemented in the White, Green, Puget Sound, Cedar-Sammamish-Lake Washington and Snoqualmie River basins and along Puget Sound.

Project Justification

The SHRP was developed to provide a fast, cost-effective way to implement small restoration projects. The program selects projects that have maximum habitat benefits and minimal design and permitting needs. The Small Habitat Restoration Program plays an important role in performing small-scale, but cumulatively significant, habitat restoration projects on public and private properties. The program also provides technical assistance to private property owners who are interested in restoring habitat on their property but lack the resources to do so. Over time, the cumulative effect of these smaller projects helps meet salmon conservation and recovery goals. SHRP is the only King County program that provides free technical support to private citizens throughout unincorporated King County. SHRP's reputation has enabled it to perform numerous salmon habitat restoration projects on private property without purchasing real property or easements. These mutually beneficial projects are tremendously cost-effective. Not implementing the SHRP would set back salmon recovery efforts, community stewardship building, and the positive legacy of County staff providing excellent customer support.

Budget Request Basis

Budget request is based on past program estimates and actual costs. Program costs are somewhat scalable, wherein additional funding supports additional projects.

Project Status

In 2016 SHRP is funding 30 projects.

Alternatives Analysis

N/A

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WLER SMALL HABITAT RESTORATION

1034287

Funding and Revenue Discussion

Other Agency Involvement

Occasionally local (and sometimes state) regulatory agencies may be involved.

Art Eligibility

Yes. Some projects may be ineligible due to location on private property. Only new design and construction funded by SWM is eligible. Maintenance is not because it is minor in nature.

Equity and Social Justice Impact

Habitat restoration project locations are primarily based on environmental factors and geographic needs that permit the best locations for ecological function, public health and safety, habitat restoration or significant environmental benefit. After project selection, during project design, teams reach out to a variety of stakeholders and to the extent consistent with the site and the goals of the project, strive to incorporate project elements that promote ESJ goals.

Strategic Climate Action Plan Alignment

The SHRP focus is on restoring stream and wetland corridors, especially riparian buffer vegetation which, over time, will help sequester carbon and reduce in-water temperatures to maintain salmon in our streams. Green building strategies will be identified at 30% design. The vast majority of SHRP projects are planting projects and have no facilities or structural elements.

Operating Budget Impacts

No change.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status: Approved

WLSWC PUBLIC SAFETY/PROPERTY

1048125

Master Project

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3292 SWM CIP NON-BOND SUBFUND
Class Code	WLSWC PUBLIC SAFETY/PROPERTY
Substantial Completion	
Location	Countywide
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/01/06 - 12/31/18	\$13,629,165	(\$2,400,000)	\$0	\$0	\$11,229,165
2 Preliminary Design 01/01/06 - 12/31/18	\$99,383	\$0	\$0	\$0	\$99,383
3 Final Design 01/01/06 - 12/31/18	\$4,575,808	\$0	\$0	\$0	\$4,575,808
4 Implementation 01/01/06 - 12/31/18	\$13,202,641	(\$2,590,801)	\$0	\$0	\$10,611,840
5 Closeout 01/01/06 - 12/31/18	\$192,704	\$0	\$0	\$0	\$192,704
6 Acquisition 01/01/06 - 12/31/18	\$1,349,691	\$0	\$0	\$0	\$1,349,691
Total Budget	\$33,049,391	(\$4,990,801)	\$0	\$0	\$28,058,590

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
36999 - OTHER MISC REVENUE	(\$4,990,801)	\$0	\$0	(\$4,990,801)
Total Revenue	(\$4,990,801)	\$0	\$0	(\$4,990,801)

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		WLSWC PUBLIC SAFETY/PROPERTY				1048125
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$2,230,304	\$2,356,667	\$2,822,715	\$2,614,896	\$0	\$10,024,582
2 Prelim Design	\$2,866,218	\$69,637	\$878,643	\$901,317	\$0	\$4,715,815
3 Final Design	\$4,199,498	\$416,850	\$196,926	\$32,782	\$0	\$4,846,056
4 Implementation	\$6,807,519	(\$2,031,335)	(\$287,672)	\$357,077	\$4,603,361	\$9,448,950
5 Closeout	\$709,123	\$135,133	\$258,995	\$106,312	\$0	\$1,209,563
6 Acquisition	\$3,425,542	\$349,548	\$18,540	\$0	\$0	\$3,793,630
Total Expense	\$20,238,204	\$1,296,500	\$3,888,147	\$4,012,384	\$4,603,361	\$34,038,596

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$2,230,304	\$13,629,165	\$4,586,971
2 Preliminary Design	\$0	\$0	\$2,866,218	\$99,383	\$2,935,855
3 Final Design	\$0	\$0	\$4,199,498	\$4,575,808	\$4,616,348
4 Implementation	\$0	\$0	\$6,807,519	\$13,202,641	\$4,776,184
5 Closeout	\$0	\$0	\$709,123	\$192,704	\$844,256
6 Acquisition	\$0	\$0	\$3,425,542	\$1,349,691	\$3,775,090
Total	\$0	\$0	\$20,238,204	\$33,049,392	\$21,534,704

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$9,042,193	(\$2,400,000)	\$2,822,715	\$3,819,478
2 Preliminary Design	(\$2,836,472)	\$0	\$878,643	(\$3,715,115)
3 Final Design	(\$40,540)	\$0	\$196,926	(\$237,466)
4 Implementation	\$8,426,457	(\$2,590,801)	(\$287,672)	\$6,123,328
5 Closeout	(\$651,552)	\$0	\$258,995	(\$910,547)
6 Acquisition	(\$2,425,399)	\$0	\$18,540	(\$2,443,939)
Total	\$11,514,687	(\$4,990,801)	\$3,888,147	\$2,635,739

NARRATIVES	WLSWC PUBLIC SAFETY/PROPERTY	1048125
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Current Scope

Stormwater Public Safety & Property Protection - This program is required to develop support services that are needed for an effective Capital Improvement Project Program. As an example, this program will support the ongoing improvement of the project management manual which is required by the County Executive Order and to ensure Capital Improvement Program projects are managed uniformly. This program will also support the development of the new Construction Management and Inspection Manual.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WLSWC PUBLIC SAFETY/PROPERTY

1048125

Project Justification

Water and Land Resources Division is obligated to provide public safety and manage stormwater services as defined by King County Code Chapter 9.04. King County is a Phase 1 National Pollution Discharge Elimination System (NPDES) agency obligated to provide improvements in the protection of water quality of natural system within its jurisdiction. Permit compliance include enhancement of operation and maintenance of existing facilities, remediation and retrofit of these facilities and investigations and determination of pollution conditions and abatement or elimination of these sources contributing to water quality detriment. This Ordinance Master oversees the various base programs that include: Emergency-Opportunity, Feasibility, Monitoring & Maintenance, and Project Support Services. The other programs will be completing their assigned inventory assessment lists which will be part of the Asset Management database then those programs will close out. They are: Dams and Lakes, Facility Remediation, Aging Pipes and Small Basin. In 2015 this master will continue on Horseshoe Lake Flood reduction, Fairwood 11 Pipe Phase 2 and Wilderness Rim Flood reduction projects. There is one new 2015 project, Fairwood Anti-Corrosive, 1123291.

Budget Request Basis

Budget request is based on past program estimates and actual costs. Program costs are somewhat scalable, wherein additional funding supports additional projects.

Project Status

Project is ending December 31, 2016.

Alternatives Analysis

N/A

Funding and Revenue Discussion

Funding for WLR SWM capital projects includes revenue from numerous external agencies as well as county sources. Some of these funding sources include grants from federal and state agencies, local agencies, local levy proceeds, county surface water management fees and Interlocal agreements.

Other Agency Involvement

To be determined, but numerous local, state and federal grant and regulatory agencies will be stakeholders.

Art Eligibility

Yes.

Equity and Social Justice Impact

During project design, teams reach out to a variety of stakeholders and to the extent consistent with the goals of the project, strive to incorporate project elements that promote ESJ goals. This includes identifying strategies to improve the contribution of equity determinants in the project area, outreach to the community, ensuring alignment with sustainability and municipal initiatives, and recommendations to mitigate negative ESJ impacts and enhance positive ESJ benefits of the project.

Strategic Climate Action Plan Alignment

This project (program) implements the SCAP by: - Engaging stakeholders. - Using equity and social justice tools as part of King County's climate commitments. - Ensuring CIP projects are taking critical steps to plan for and coordinate regionally on climate change impacts on stormwater, public health, roads, flood risk reduction, and salmon recovery. Green Building strategies are not applied to this project (program) because the work performed is CIP program planning.

Operating Budget Impacts

Permit driven requirements for Monitoring and Maintenance could be a future operating cost.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WLFAC CAPITAL PROJECT OVERSIGH

1111168

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3292 SWM CIP NON-BOND SUBFUND
Class Code	ADMIN
Substantial Completion	
Location	N/A
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$51,528	\$46,958	\$0	\$0	\$98,486
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$6,489	\$0	\$0	\$0	\$6,489
4 Implementation	\$33,457	(\$2,042)	\$0	\$0	\$31,415
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$91,474	\$44,916	\$0	\$0	\$136,390

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$44,916	\$0	\$0	\$44,916
Total Revenue	\$44,916	\$0	\$0	\$44,916

EXPENSE

WLFAC CAPITAL PROJECT OVERSIGH

1111168

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$49,457	\$0	\$46,958	\$0	\$0	\$96,415
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$11,247	\$0	\$0	\$0	\$0	\$11,247
4 Implementation	\$0	\$0	(\$2,042)	\$0	\$0	(\$2,042)
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$60,704	\$0	\$44,916	\$0	\$0	\$105,620

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$49,457	\$51,528	\$49,457
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$11,247	\$6,489	\$11,247
4 Implementation	\$0	\$0	\$0	\$33,457	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$60,704	\$91,474	\$60,704

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$2,071	\$46,958	\$46,958	\$2,071
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	(\$4,758)	\$0	\$0	(\$4,758)
4 Implementation	\$33,457	(\$2,042)	(\$2,042)	\$33,457
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$30,770	\$44,916	\$44,916	\$30,770

NARRATIVES

WLFAC CAPITAL PROJECT OVERSIGH

1111168

Current Scope

Capital Project Oversight - The goals for the program include: (1) provide effective independent oversight; (2) focus the oversight on high-risk projects; (3) increase the likelihood of project success; (4) identify problems in a more timely manner; (5) provide clear, succinct reports; and (6) facilitate decision-making by the council.

Project Justification

Ordinance 15652: In 2006, the County Council created a new function in the County Auditor's Office by funding a program for capital projects' oversight (CPO) with the mission of controlling cost overruns and unforeseen expansion of project scopes, schedules, and budgets on King County's large capital construction projects.

Budget Request Basis

Request for Auditor Office through Budget Office

Project Status

N/A

Alternatives Analysis

N/A

Funding and Revenue Discussion

Funded by Surface Water Management Fee

Other Agency Involvement

County Auditor

Art Eligibility

No. This is internal County Audit project.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	WLFAC CAPITAL PROJECT OVERSIGH	1111168
Equity and Social Justice Impact		
Not applicable to project.		
Strategic Climate Action Plan Alignment		
N/A		
Operating Budget Impacts		
No operating impact		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WLFAC 3RD BURDEN IMPCT 2013/14

1117841

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3292 SWM CIP NON-BOND SUBFUND
Class Code	ADMIN
Substantial Completion	
Location	Countywide capital projects
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/01/13 - 12/31/18	\$370,000	\$0	\$0	\$0	\$370,000
2 Preliminary Design	\$0	(\$46,958)	\$0	\$0	(\$46,958)
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$2,042	\$0	\$0	\$2,042
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$370,000	(\$44,916)	\$0	\$0	\$325,084

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	(\$44,916)	\$0	\$0	(\$44,916)
Total Revenue	(\$44,916)	\$0	\$0	(\$44,916)

EXPENSE

WLFAC 3RD BURDEN IMPCT 2013/14

1117841

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$101,223	\$0	\$0	\$0	\$0	\$101,223
2 Prelim Design	\$0	\$112,000	(\$46,958)	\$0	\$0	\$65,042
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	(\$112,000)	\$2,042	\$0	\$0	(\$109,958)
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$101,223	\$0	(\$44,916)	\$0	\$0	\$56,307

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$101,223	\$370,000	\$101,223
2 Preliminary Design	\$0	\$0	\$0	\$0	\$112,000
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	(\$112,000)
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$101,223	\$370,000	\$101,223

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$268,777	\$0	\$0	\$268,777
2 Preliminary Design	(\$112,000)	(\$46,958)	(\$46,958)	(\$112,000)
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$112,000	\$2,042	\$2,042	\$112,000
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$268,777	(\$44,916)	(\$44,916)	\$268,777

NARRATIVES

WLFAC 3RD BURDEN IMPCT 2013/14

1117841

Current Scope

Third Burden Impact - This project is for the purpose to fund the impact to the capital projects in fund 3292 that were impacted by the increase in the indirect overhead (third burden) rate.

Project Justification

The third burden rate % was increased after capital projects budgets were submitted to PSB in June 2012 for the 2013 / 2014 proforma.

Budget Request Basis

Request from Auditor Office through Budget Office.

Project Status

N/A

Alternatives Analysis

N/A

Funding and Revenue Discussion

Budget moved to cover Capital Project Oversight Costs from auditor.

Other Agency Involvement

No other agency involvement

Art Eligibility

No. This is a pass thru project.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	WLFAC 3RD BURDEN IMPCT 2013/14	1117841
Equity and Social Justice Impact		
Not applicable to project.		
Strategic Climate Action Plan Alignment		
N/A		
Operating Budget Impacts		
No operating impact		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WLSWC STEWARDSHIP WATERQUALITY

1129370

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3292 SWM CIP NON-BOND SUBFUND
Class Code	STANDALONE
Substantial Completion	
Location	This standalone master project services unincorporated King County Farm Land.
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$150,000	\$166,368	\$176,500	\$492,868
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$150,000	\$166,368	\$176,500	\$492,868

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39721 - CONTRIB SURF WATER MGT	\$150,000	\$166,368	\$176,500	\$492,868
Total Revenue	\$150,000	\$166,368	\$176,500	\$492,868

EXPENSE

WLSWC STEWARDSHIP WATERQUALITY

1129370

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$150,000	\$166,368	\$176,500	\$492,868
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$0	\$0	\$150,000	\$166,368	\$176,500	\$492,868

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$150,000	\$150,000	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$150,000	\$150,000	\$0

NARRATIVES

WLSWC STEWARDSHIP WATERQUALITY

1129370

Current Scope

Stormwater Water Quality Stewardship - This project provides match funding (partial reimbursement) for cooperators to implement agricultural best management practices as detailed in the Livestock Management and Critical Areas Ordinances. The cap per property is currently being analyzed. These cost share grants are awarded to landowners implementing practices included in a farm plan from the King Conservation District, USDA Natural Resources Conservation Service or other approved provider. Typical Best Management Practices include manure and crop residue composting structures, buffer fencing for streams and wetlands, riparian plantings, roof runoff management, and high tunnels (simple greenhouses). King County conducts periodic outreach to advertise the program and monitors for compliance and effectiveness.

Project Justification

Agricultural activities (horticulture and livestock raising) can have negative impacts on water quality and natural resources. Encouraging landowners to implement agricultural best management practices can protect water quality and the environment. Some of these best management practices further King County's Local Food Initiative, such as the high tunnels mentioned above, which have the added benefit of increasing the growing season.

Budget Request Basis

The amount requested corresponds to the approximate amount that could be approved and distributed, based on current staffing levels.

Project Status

This project intends to fund a smaller number of larger projects (using grant agreements) with significant water quality benefits/opportunities. The monies are being targeted at waterbodies with known 303d impairments.

Alternatives Analysis

If the project is discontinued, there is less incentive for landowners to implement farm management plans. There may also be backlash toward County government for rescinding such a popular program. The greatest negative may be that natural resource concerns will not receive the attention they deserve. Alternative analysis for project scope is handled by the applicant and their King Conservation District Farm Planner during the planning process.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WLSWC STEWARDSHIP WATERQUALITY

1129370

Funding and Revenue Discussion

Other Agency Involvement

This project involves and affects the King Conservation District (KCD) and USDA Natural Resources Conservation Service (NRCS). KCD and NRCS staff are responsible for developing the required farm management plans. They also help applicants with the application process, answer implementation questions and participate in the inspection visits.

Art Eligibility

No. 1% of Arts is not eligible on this project. This project is a grant cost share program funding work of Local Farmers for work on their properties

Equity and Social Justice Impact

The program is a reimbursement program, meaning the applicant must pay installation costs before receiving reimbursement. Limited income citizens may not be able to meet this requirement and would therefore not participate. Most applicants are landowners, so communities that have a lower rate of property ownership would be at a slight disadvantage. Note that tenants are welcome to apply, if the landowner agrees to the project.

Strategic Climate Action Plan Alignment

Generally, projects that improve or protect water quality would have a positive climate change impact. Most of the practices improve soil quality and plant health, which help to combat climate change or improve farm resiliency to negative climate change impacts. Projects are implemented on private property and are small in scale. The nature of the projects aligns with the goals of the Green Building Program. The majority of projects have an environmental benefit by protecting and enhancing natural resources or recycling nutrients (manure/crop residue storage structures).

Operating Budget Impacts

King County may conduct periodic monitoring, based on staff availability. Recipients are responsible for all maintenance of installed projects, during the project lifetime.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WLSWC GENERAL

1129371

Master Project

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3292 SWM CIP NON-BOND SUBFUND
Class Code	WLSWC GENERAL
Substantial Completion	
Location	The program has projects that service countywide.
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$420,000	\$465,830	\$494,199	\$1,380,029
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$420,000	\$465,830	\$494,199	\$1,380,029

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39721 - CONTRIB SURF WATER MGT	\$420,000	\$465,830	\$494,199	\$1,380,029
Total Revenue	\$420,000	\$465,830	\$494,199	\$1,380,029

EXPENSE WLSWC GENERAL 1129371

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$439,089	\$465,830	\$494,199	\$1,399,118
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$19,089)	\$0	\$0	(\$19,089)
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$0	\$0	\$420,000	\$465,830	\$494,199	\$1,380,029

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$420,000	\$439,089	(\$19,089)
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$19,089)	\$19,089
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$420,000	\$420,000	\$0

NARRATIVES

WLSWC GENERAL

1129371

Current Scope

Stormwater General Project Support - This program provides funding for ongoing support services to Stormwater Capital Improvement and Preservation projects and programs, and oversees grant opportunity to fund capital projects. CIP support services include the ongoing implementation and improvement of the project management to comply with county requirements, provide general supports to CADD and Survey.

Project Justification

The Stormwater Services Section Capital budget has been reconfigured to align with the new product lines from the Line of Business exercise the Section did in 2015 and 2016. This program is required for the development of support services that are needed for an effective Capital Improvement Project Program.

Budget Request Basis

Budget forecast is prepared using historical costs of similar managing and planning work.

Project Status

This program is new in 2017. This product line was identified directly from Stormwater Section Line of business.

Alternatives Analysis

Not applicable as this is CIP program planning.

Funding and Revenue Discussion

Other Agency Involvement

There are no other agency involvement as no permits are required for CIP program planning.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WLSWC GENERAL

1129371

Art Eligibility

No. This program is unit management planning. It does not create a capital project. It does not meet eligibility criteria: "Capital Improvement projects for new construction, reconstruction or remodeling buildings, parks, and trails, commemorative structures, pedestrian and vehicular bridges, surface water management projects, wastewater treatment projects, transit facility construction projects and solid waste transfer stations."

Equity and Social Justice Impact

One responsibility of this project (program) is to ensure CIP implementation is applied uniformly and that ESJ tools are applied to all CIP projects.

Strategic Climate Action Plan Alignment

This project (program) implements the SCAP by: - Engaging stakeholders. - Using equity and social justice tools as part of King County's climate commitments. - Ensuring CIP projects are taking critical steps to plan for and coordinate regionally on climate change impacts on stormwater, public health, roads, flood risk reduction, and salmon recovery. Green Building strategies are not applied to this project (program) because the work performed is CIP program planning.

Operating Budget Impacts

It is not anticipated that this project (program) will increase or decrease the operating budget.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WLSWC EMERGENT NEED CONTG

1129377

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3292 SWM CIP NON-BOND SUBFUND
Class Code	STANDALONE
Substantial Completion	
Location	This project's support efforts are county-wide.
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$200,000	\$221,824	\$235,332	\$657,156
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$200,000	\$221,824	\$235,332	\$657,156

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39721 - CONTRIB SURF WATER MGT	\$200,000	\$221,824	\$235,332	\$657,156
Total Revenue	\$200,000	\$221,824	\$235,332	\$657,156

EXPENSE

WLSWC EMERGENT NEED CONTG

1129377

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$200,000	\$221,824	\$235,332	\$657,156
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$0	\$0	\$200,000	\$221,824	\$235,332	\$657,156

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$200,000	\$200,000	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$200,000	\$200,000	\$0

NARRATIVES

WLSWC EMERGENT NEED CONTG

1129377

Current Scope

Stormwater Emergent Need Contingency - This project provides a mechanism for funding existing Stormwater capital projects that has insufficient appropriation due to unforeseen circumstances and unanticipated project costs.

Project Justification

Requirements for the Emergent Need Contingency Project are contained in K.C.C. 4A.100.080. This code allows agencies to establish an Emergent Need Contingency Project in their capital funds. The emergency need contingency account can be transferred to other funds without council approval to address unanticipated project costs. Emergent need contingency projects must be included in the proposed capital fund six year capital improvement program and be consistent with the proposed fund financial plan.

Budget Request Basis

The budget was determined by a calculation of less than 5% of total agency proposed Surface Water management fee for this fund.

Project Status

This is a new standalone project in 2017.

Alternatives Analysis

This project is not applicable

Funding and Revenue Discussion

The funding will be used according to budget guidelines, CIP Processes and Procedures, Emergent Need contingency Project.. Existing Projects contingency project (emergent need contingency project) can move budget from the emergent need contingency project to another existing standalone or master project.

Other Agency Involvement

This project is not applicable

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	WLSWC EMERGENT NEED CONTG	1129377
Art Eligibility		
No. This project is for funding capital projects due to emergent need. Is not eligible for the Arts 1% calculation.		
Equity and Social Justice Impact		
This project is not applicable		
Strategic Climate Action Plan Alignment		
Scientific data indicates that storms will potentially become more frequent and more intense in the future. This could lead to an increase in flood risk (particularly in urban areas).		
Operating Budget Impacts		
This project is not applicable		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WLSWC SWS GRANT CONTINGENCY

1129378

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3292 SWM CIP NON-BOND SUBFUND
Class Code	STANDALONE
Substantial Completion	
Location	This project's support efforts are countywide.
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$5,750,000	\$7,145,341	\$10,358,112	\$23,253,453
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$5,750,000	\$7,145,341	\$10,358,112	\$23,253,453

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
38902 - REV CONTINGENCY (BUDGET)	\$5,750,000	\$7,145,341	\$10,358,112	\$23,253,453
Total Revenue	\$5,750,000	\$7,145,341	\$10,358,112	\$23,253,453

EXPENSE

WLSWC SWS GRANT CONTINGENCY

1129378

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$5,750,000	\$7,145,341	\$10,358,112	\$23,253,453
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$0	\$0	\$5,750,000	\$7,145,341	\$10,358,112	\$23,253,453

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$5,750,000	\$5,750,000	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$5,750,000	\$5,750,000	\$0

NARRATIVES

WLSWC SWS GRANT CONTINGENCY

1129378

Current Scope

Stormwater Grant Contingency - This SWS Grant Contingency provides spending authority for receipt of funds from a grant donor or other external funding source.

Project Justification

Title 4A allows agencies to establish a grant contingency project in their CIP program. The grant contingency project provides agencies with some flexibility to quickly respond to grant awards and complete grant-related work within grant deadlines. After an agency receives a notification of grant award consistent with the documentation provided with the proposed grant contingency project appropriation documentation, they may transfer appropriation authority from the grant contingency to an existing project without council approval up to the amount of the grant award and associated local match. Such transfers should be documented in the quarterly management and budget report under K.C.C. 4A.100.100.

Budget Request Basis

This request is based on probable grant funding needs from prior years' experience and historical data.

Project Status

This is a new standalone project in 2017.

Alternatives Analysis

Not applicable.

Funding and Revenue Discussion

Other Agency Involvement

Grant Funding Agencies, such as King County Flood Control District, Waterworks grants, Washington Military Department Emergency Management Division, Federal Emergency Management Agency, and Washington State Department of Ecology.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	WLSWC SWS GRANT CONTINGENCY	1129378
Art Eligibility		
No. This project is spending authority in the form of grant contingency. Budgeted in advance to match with other revenue sources.		
Equity and Social Justice Impact		
Not applicable to project.		
Strategic Climate Action Plan Alignment		
This project will provide grant contingency and spending authority for projects that are funded by grants and do not build a capital improvement project.		
Operating Budget Impacts		
There is no operating budget for this body of work in the Section. No impact.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WLSWCFS FEASIBILITY STUDIES

1129379

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3292 SWM CIP NON-BOND SUBFUND
Class Code	WLSWCFS FEASIBILITY STUDIES
Substantial Completion	
Location	The program has sub projects located countywide.
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$881,116	\$1,099,666	\$1,240,408	\$3,221,190
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$881,116	\$1,099,666	\$1,240,408	\$3,221,190

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39721 - CONTRIB SURF WATER MGT	\$881,116	\$1,099,666	\$1,240,408	\$3,221,190
Total Revenue	\$881,116	\$1,099,666	\$1,240,408	\$3,221,190

EXPENSE WLSWCFS FEASIBILITY STUDIES 1129379

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$881,116	\$1,099,666	\$1,240,408	\$3,221,190
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$0	\$0	\$881,116	\$1,099,666	\$1,240,408	\$3,221,190

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$881,116	\$881,116	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$881,116	\$881,116	\$0

NARRATIVES

WLSWCFS FEASIBILITY STUDIES

1129379

Current Scope

Stormwater Feasibility Studies - This program funds studies that identify and assess the feasibility of potential CIP projects. Work in the program includes investigating and evaluating site conditions; and performing preliminary analyses of alternatives. The program is increasing to facilitate a more proactive approach to asset management being implemented for stormwater facilities. This new approach focuses on implementing "asset preservation projects" to replace or rehabilitate critical facility components before they fail rather than after they fail, thus avoiding the extra costs and damages that occur with failure.

Project Justification

Feasibility studies are a tool for ranking and prioritizing potential Capital Improvement Projects. This ensures that projects are undertaken in the most strategic manner. A sound investigation and preliminary analysis helps ensure potential Capital Improvement projects (CIP) are feasible, effective, properly prioritized, and have reasonable cost and schedule estimates. The program needs to be increased to accommodate WLRD's more proactive approach to stormwater asset management. This new approach to asset management has identified a number of aging facilities that are in need of feasibility studies to determine the most cost effective form of asset preservation and its cost to implement.

Budget Request Basis

Budget forecasts are prepared using costs of similar work implemented in the past. Increased budget is required to evaluate the additional projects being sent from Asset Management.

Project Status

This is a new master program in 2017.

Alternatives Analysis

Alternatives are not selected but only identified and recommended in feasibility studies.

Funding and Revenue Discussion

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WLSWCFS FEASIBILITY STUDIES

1129379

Other Agency Involvement

There is no other agency involvement as no permits are required to perform studies.

Art Eligibility

No. This program produces studies. Does not meet "Capital Improvement projects for new construction, reconstruction or remodeling buildings, parks, and trails, commemorative structures, pedestrian and vehicular bridges, surface water management projects, wastewater treatment projects, transit facility construction projects and solid waste transfer stations."

Equity and Social Justice Impact

Studies of sites or facilities are selected based on complaints received from the public or from inspection of the facility that indicates a performance issue or a structural component issue (e.g., corrosion due to age of pipe). However, demographics of the site is noted in the study in order to help distribute funds equitably.

Strategic Climate Action Plan Alignment

Scientific data indicates that storms will potentially become more frequent and more intense in the future. This could lead to an increase in flood risk, particularly in urban areas. This project (program) implements the SCAP by: - Engaging stakeholders. - Using equity and social justice tools as part of King County's climate commitments. - Taking critical steps to plan for and coordinate regionally on climate change impacts on stormwater, public health, roads, flood risk reduction, and salmon recovery. The studies completed in this program are for CIP planning purposes. Green Building strategies are identified at 30% design.

Operating Budget Impacts

No impact to Operating budget.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status: Approved

WLSWCAD AGRICULTURE DRAINAGE

1129380

Master Project

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3292 SWM CIP NON-BOND SUBFUND
Class Code	WLSWCAD AGRICULTURE DRAINAGE
Substantial Completion	
Location	The program has sub projects located countywide.
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$1,100,000	\$1,247,348	\$1,324,181	\$3,671,529
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$1,100,000	\$1,247,348	\$1,324,181	\$3,671,529

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39721 - CONTRIB SURF WATER MGT	\$1,100,000	\$1,247,348	\$1,324,181	\$3,671,529
Total Revenue	\$1,100,000	\$1,247,348	\$1,324,181	\$3,671,529

EXPENSE WLSWCAD AGRICULTURE DRAINAGE 1129380

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$1,100,000	\$1,247,348	\$1,324,181	\$3,671,529
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$0	\$0	\$1,100,000	\$1,247,348	\$1,324,181	\$3,671,529

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$1,100,000	\$1,100,000	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$1,100,000	\$1,100,000	\$0

NARRATIVES

WLSWCAD AGRICULTURE DRAINAGE

1129380

Current Scope

Stormwater Agricultural Drainage Assistance Program - The Agricultural Drainage Assistance Program (ADAP) provides assistance to farmers to improve drainage on their property. The ADAP provides support in the form of labor, supplies, and technical assistance to meet many of the permit requirements related to drainage projects such as de-fishing and native buffer planting. The benefits are increased productivity by bringing previously too wet to farm areas into production or extending the growing season for marginally wet properties.

Project Justification

The purpose is to improve the productivity of agricultural lands in King County by assisting farmers with drainage problems on their lands. This work aligns with King County's Local Food Initiative.

Budget Request Basis

A 2016 Needs Assessment estimated the total expected need for ADAP projects is at least \$ 250,000 linear feet of channel maintenance across King County.

Project Status

This will be an ongoing program that completes approximately 4-6 projects per year with a total length of about 10,000 linear feet of dredged waterway.

Alternatives Analysis

Each sub project is surveyed early in the process. The survey determines what is causing the impacts to the property and identifies options for addressing the problem.

Funding and Revenue Discussion

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WLSWCAD AGRICULTURE DRAINAGE

1129380

Other Agency Involvement

The ADAP program works with the King Conservation District. A permit for each project is obtained from the Washington Department of Fish and Wildlife.

Art Eligibility

No. This program is ineligible for Arts 1% calculation per the directions from the budget office. The subprojects are cost share agreements with the landowner. The work is done by landowner and this program refunds the expenditures. These sub projects are not accessible or visible to the public.

Equity and Social Justice Impact

The agricultural community has many traditionally underserved communities. The ADAP works with all farmers regardless of background or history to resolve drainage problems on their land.

Strategic Climate Action Plan Alignment

Most ADAP sub project will plant a native buffer along the waterway after construction. A native plant buffer removes CO2 from the atmosphere and shades the water in the waterway which keeps it cooler. ADAP projects remove accumulated sediments from waterways. Green building techniques are implemented by allowing spoils to be spread on site rather than hauled to a different disposal site.

Operating Budget Impacts

The operating budget funds some of the administration and technical study/design work for the ADAP program.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status: Approved

WLSWCND NEIGHBORHOOD DRAINAGE

1129381

Master Project

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3292 SWM CIP NON-BOND SUBFUND
Class Code	WLSWCND NEIGHBORHOOD DRAINAGE
Substantial Completion	
Location	The program has sub projects located countywide.
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$120,000	\$133,095	\$141,199	\$394,294
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$120,000	\$133,095	\$141,199	\$394,294

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39721 - CONTRIB SURF WATER MGT	\$120,000	\$133,095	\$141,199	\$394,294
Total Revenue	\$120,000	\$133,095	\$141,199	\$394,294

EXPENSE WLSWCND NEIGHBORHOOD DRAINAGE 1129381

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$120,000	\$133,095	\$141,199	\$394,294
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$0	\$0	\$120,000	\$133,095	\$141,199	\$394,294

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$120,000	\$120,000	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$120,000	\$120,000	\$0

NARRATIVES

WLSWCND NEIGHBORHOOD DRAINAGE

1129381

Current Scope

Stormwater Neighborhood Drainage - The Neighborhood Drainage Program's (NDAP), objectives are to reduce flooding on public and private property. The program also assists citizens in resolving smaller neighborhood problems of localized flooding, erosion, sedimentation, and water quality. These problems are typically identified through citizen drainage complaints or inspections. Actions typically include installing pipes and catch basins, upsizing culverts, removing accumulated sediment, stabilizing drainage channels. The actions may include providing technical assistance to property owners and small-scale drainage improvements.

Project Justification

This program was approved by the King County Council in 1993 to address "Neighborhood Drainage Problems" - A stormwater conveyance problem located on private property, which is caused by runoff primarily from another private property and would otherwise be outside King County's scope of responsibility. The goal of this program is to improve customer service by addressing neighborhood drainage problems (for example, localized flooding, erosion, and sedimentation problems) that primarily affect private property. Not providing the Neighborhood Drainage Assistance Program would result in continuing drainage problems for the affected property, or increased costs to property owners to resolve the problems without County support.

Budget Request Basis

The NDAP has approximately 30 potential projects on a wait list. The estimated cost to address the entire list of potential projects is over \$1 million.

Project Status

This is a new master program. It will be an ongoing program that typically constructs 4-6 project per year depending on the cost of individual projects.

Alternatives Analysis

Each NDAP project evaluates alternatives in the Engineering Review program prior to creating an NDAP project. Alternatives are rated not only based on their cost and ability to address the problem but also on what the property owner desires.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WLSWCND NEIGHBORHOOD DRAINAGE

1129381

Funding and Revenue Discussion

Other Agency Involvement

King County Department of Transportation constructs most NDAP projects. Permits for NDAP projects, when needed, are typically obtained from Washington Department of Fish and Wildlife and King County Department of Permitting and Environmental Review.

Art Eligibility

No. These drainage projects are not visible & assessable to the public.

Equity and Social Justice Impact

NDAP assistance is available to all property owners in unincorporated King County. Large projects are chosen for funding based on a cost/benefit ratio and property owners cannot pay a portion of the cost of a project to boost their score. Small projects are selected for funding on a first come, first served basis.

Strategic Climate Action Plan Alignment

When possible NDAP projects are coordinated with other projects to minimize travel time for crews and equipment which reduces the amount of fuel burned for the project. King County Department of Transportation constructs NDAP projects. Construction crews follow Green Building guidelines regarding purchase and disposal of products.

Operating Budget Impacts

The operating budget funds some of the Technical Study, Design, and administration work for the NDAP program.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WLSWCE EMERGENCY

1129382

Master Project, Art Eligible

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3292 SWM CIP NON-BOND SUBFUND
Class Code	WLSWCE EMERGENCY
Substantial Completion	
Location	This project's support efforts are countywide.
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$400,000	\$443,647	\$470,665	\$1,314,312
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$400,000	\$443,647	\$470,665	\$1,314,312

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$4,000	\$0	\$0	\$4,000

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39721 - CONTRIB SURF WATER MGT	\$400,000	\$443,647	\$470,665	\$1,314,312
Total Revenue	\$400,000	\$443,647	\$470,665	\$1,314,312

EXPENSE WLSWCE EMERGENCY 1129382

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$400,000	\$443,647	\$470,665	\$1,314,312
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$0	\$0	\$400,000	\$443,647	\$470,665	\$1,314,312

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$400,000	\$400,000	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$400,000	\$400,000	\$0

NARRATIVES

WLSWCE EMERGENCY

1129382

Current Scope

Stormwater Emergency Program - The Emergency Program requires using capital funds to address unforeseen incidents that require urgent/immediate response posing imminent danger or risks to health, life or property. Those unforeseen incidents normally caused by major unexpected events (e.g. floods, heavy rainfall etc.) and are identified through complaint call from citizens.

Project Justification

The County needs to have a program with funds to act quickly when these unforeseen incidents arise and emergency action is needed.

Budget Request Basis

The Budget forecast was prepared using costs of similar emergency and urgent work implemented in the past.

Project Status

This is a new master program in 2017.

Alternatives Analysis

Not Applicable

Funding and Revenue Discussion

Other Agency Involvement

Not applicable for this program. However, this program may use King County Road Maintenance crews to perform work. This program funds work - as sub-projects - that may require permits to do the work. These include local, state and federal permits.

Art Eligibility

Yes. assumption are these emergency projects are visible to the public even though they are not assessable to the public.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WLSWCE EMERGENCY

1129382

Equity and Social Justice Impact

This project (program) implements work - as sub-projects - based on a threat to public safety. ESJ tools (e.g., interpreter) will be utilized if needed to abate any threat.

Strategic Climate Action Plan Alignment

Scientific data indicates that storms will potentially become more frequent and more intense in the future. This could lead to an increase in flood risk, particularly in urban areas. This project (program) implements the SCAP by: - Engaging stakeholders. - Using equity and social justice tools as part of King County's climate commitments. - Taking critical steps to plan for and coordinate regionally on climate change impacts on stormwater, public health, roads, flood risk reduction, and salmon recovery. This project is a program; Green Building requirements do not apply. However, when time is not of the essence for works funded by the project (program), Green Building strategies and reporting will be completed for those bodies of work.

Operating Budget Impacts

Permit driven requirements for Monitoring and Maintenance could be a future facilities maintenance operating cost depending on if the project is a King County owned facility.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WLSWCDF NATURAL DRAINAGE FLOOD

1129383

Master Project

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3292 SWM CIP NON-BOND SUBFUND
Class Code	WLSWCDF NATURAL DRAINAGE FLOOD
Substantial Completion	
Location	The program has sub projects located countywide.
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$339,920	\$110,911	\$117,667	\$568,498
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$1,765,080	\$1,400,448	\$3,503,508	\$6,669,036
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$2,105,000	\$1,511,359	\$3,621,175	\$7,237,534

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
33833 - FLOOD CONTROL REIMB	\$525,000	\$0	\$1,150,000	\$1,675,000
39721 - CONTRIB SURF WATER MGT	\$1,580,000	\$1,511,359	\$2,471,175	\$5,562,534
Total Revenue	\$2,105,000	\$1,511,359	\$3,621,175	\$7,237,534

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		WLSWCDF NATURAL DRAINAGE FLOOD					1129383
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense	
1 Planning	\$0	\$0	\$473,800	\$110,911	\$117,667	\$702,378	
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0	
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0	
4 Implementation	\$0	\$0	\$1,631,200	\$1,400,448	\$3,503,508	\$6,535,156	
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0	
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0	
Total Expense	\$0	\$0	\$2,105,000	\$1,511,359	\$3,621,175	\$7,237,534	

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$339,920	\$473,800	(\$133,880)
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$1,765,080	\$1,631,200	\$133,880
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$2,105,000	\$2,105,000	\$0

NARRATIVES WLSWCDF NATURAL DRAINAGE FLOOD 1129383

Current Scope

Stormwater Natural Drainage Flood Protection - Projects within this program address chronic drainage and flooding problems associated with the natural drainage system, such as stream, lakes, and wetlands. Projects will include constructing new facilities, improving/expanding existing facilities, removing sediment, controlling vegetation, or other work in the natural system to improve drainage or minimize flooding.

Project Justification

The natural drainage system continuously changes over time through variations in rainfall, groundwater levels, and ongoing erosion, sedimentation, vegetation growth, and beaver activities. These natural processes change the behavior of streams, lakes, and wetlands during storm events which can lead to flooding of roads, homes, pastures, and businesses. In some cases, the flooding is worsened by increased runoff from developed land. This program is needed to address the most chronic of these flood problems to protect public safety and property consistent with King County's Strategic Plan and the mission of WLRD. Project costs are increasing as permit agencies emphasize protecting waterways and habitat environments, e.g. improving water quality and making facilities fish passable. The regulatory requirements and longer time needed to secure permits result in project cost increases.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	WLSWCDF NATURAL DRAINAGE FLOOD	1129383
Budget Request Basis		
At least four new large capital improvement projects of over \$2 million each are identified to be funded through this program. Additional projects will be identified through the feasibility studies.		
Project Status		
This program is new in 2017. This product line was identified directly from Stormwater Section Line of business. This new program will include work an existing and new capital projects to address flooding problems associated with the natural drainage system. Additional projects will likely be added from the feasibility program. Some of the projects which address flooding and sedimentation under this program are listed below. current subproject: Horseshoe Lake Flood Reduction Identified future projects undergoing Feasibility studies: * Allen Lake/NE 8th Street * Tate Creek/North Fork Road * Burns Creek/Green Valley Road * River Point		
Alternatives Analysis		
Not applicable to the program, but individual projects in this program will go through an alternatives analysis process.		
Funding and Revenue Discussion		
Other Agency Involvement		
Depending on the location and scope of projects included in this program, permit agencies could include DPER, ACOE,WDFW, Department of Ecology, and other jurisdictions. If projects are grant funded, FEMA, Washington State Department of Ecology, Washington State Military Department, and the King County Flood Control District could be involved.		
Art Eligibility		
No. The subprojects under this program will be individually evaluated to determine their art eligibility. There is one sub project, Horseshoe creek, in the 2017 2018 that is ineligible for the Arts Calculation.		
Equity and Social Justice Impact		
Feasibility studies which take ESJ into account will help prioritize and select the projects in this program. During project design, teams reach out to a variety of stakeholders and to the extent consistent with the site and the goals of the project, strive to incorporate project elements that promote ESJ goals. This includes identifying strategies to improve the contribution of equity determinants in the project area and outreach to the community.		
Strategic Climate Action Plan Alignment		
Scientific data indicates that storms will potentially become more frequent and more intense in the future. This could lead to an increase in flood risk (particularly in urban areas). This program is designed to address flooding problems including those that arise from the potentially more frequent and intense storms. Green building strategies will be identified at 30% design for the projects in this program.		
Operating Budget Impacts		
Permit driven requirements for Monitoring and Maintenance of projects in this program will be a future Facilities Maintenance operating cost.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WLSWCWQ WATER QUALITY

1129385

Master Project

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3292 SWM CIP NON-BOND SUBFUND
Class Code	WLSWCWQ WATER QUALITY
Substantial Completion	
Location	The program has sub projects located countywide.
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$492,571	\$89,600	\$0	\$582,171
2 Preliminary Design	\$0	\$786,000	\$28,925	\$0	\$814,925
3 Final Design	\$0	\$305,000	\$58,051	\$0	\$363,051
4 Implementation	\$0	\$118,000	\$2,172,413	\$3,078,867	\$5,369,280
5 Closeout	\$0	\$0	\$19,509	\$0	\$19,509
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$1,701,571	\$2,368,498	\$3,078,867	\$7,148,936

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
33429 - DEPT OF ECOLOGY	\$731,571	\$0	\$0	\$731,571
39721 - CONTRIB SURF WATER MGT	\$970,000	\$2,368,498	\$3,078,867	\$6,417,365
Total Revenue	\$1,701,571	\$2,368,498	\$3,078,867	\$7,148,936

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		WLSWCWQ WATER QUALITY					1129385
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense	
1 Planning	\$0	\$0	\$297,033	\$89,600	\$0	\$386,633	
2 Prelim Design	\$0	\$0	\$522,444	\$28,925	\$0	\$551,369	
3 Final Design	\$0	\$0	\$246,124	\$58,051	\$0	\$304,175	
4 Implementation	\$0	\$0	\$623,942	\$2,172,414	\$3,078,867	\$5,875,223	
5 Closeout	\$0	\$0	\$12,027	\$19,508	\$0	\$31,535	
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0	
Total Expense	\$0	\$0	\$1,701,570	\$2,368,498	\$3,078,867	\$7,148,935	

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$492,571	\$297,033	\$195,538
2 Preliminary Design	\$0	\$786,000	\$522,444	\$263,556
3 Final Design	\$0	\$305,000	\$246,124	\$58,876
4 Implementation	\$0	\$118,000	\$623,942	(\$505,942)
5 Closeout	\$0	\$0	\$12,027	(\$12,027)
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$1,701,571	\$1,701,570	\$1

NARRATIVES WLSWCWQ WATER QUALITY 1129385

Current Scope

Stormwater Water Quality Program - This program will apply Best Management Practices to manage stormwater runoff and improve water quality and stream health in unincorporated King County. The work includes "stormwater retrofitting" the older developed areas that are lack of stormwater flow control and/or water quality facilities; addressing erosion from stormwater pipe outlets.

Project Justification

In King County, over two thirds of the developed land was built before adequate stormwater controls were required. As a result, the water quality and health of streams in these areas are degraded. The Puget Sound Partnership 2014 Action Agenda for Puget Sound identified the lack of stormwater controls in older developed areas as one of the most significant problems preventing Puget Sound recovery. To add these stormwater controls retroactively (stormwater retrofitting) will be expensive and logistically challenging. This will likely take decades to plan, site, design, fund, acquire the necessary land, and implement. Progress needs to begin immediately, as a large number of the County's streams and lakes are in a degraded condition.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WLSWCWQ WATER QUALITY

1129385

Budget Request Basis

Complete two small basin retrofit planning, one big basin retrofit planning, feasibility and design, and implementation of a project within a four year time frame. The projects come from a prioritized list of 67± small basin retrofit areas.

Project Status

This is a new program in 2017 resulting from Stormwater Section Line of Business. Forecasted Sub Projects are: May Creek Tributary 291A Cemetery Pond Retrofit and Wetland Restoration Evans Creek Tributary 108 NE 79th Street Detention Facility Retrofit Design Mill Creek Tributary 51 Design

Alternatives Analysis

This program will have projects that conduct an alternatives analysis during preliminary design.

Funding and Revenue Discussion

Other Agency Involvement

The Puget Sound Partnership provides an Action Agenda for improving water quality of Puget Sound. The Washington State Department of Ecology provides guidance for prioritizing water bodies and provides grant funding for improving the water quality of Puget Sound. Projects may need permits from King County Department of Permitting, Washington State Department of Fish and Wildlife, Army Corps of Engineers, etc. Tribes also are involved and influence the projects.

Art Eligibility

No. The 3 sub projects in 2017 and 2018. The body of work is planning and design in 2017 and 2018. The sub projects are pending Department of Ecology grant funding. No construction will be accomplished. These sub projects do not meet "Capital Improvement projects for new construction, reconstruction or remodeling buildings, parks, and trails, commemorative structures, pedestrian and vehicular bridges, surface water management projects, wastewater treatment projects, transit facility construction projects and solid waste transfer stations." They will not be visible or assessable by the public.

Equity and Social Justice Impact

The projects in the program will analyze ESJ data to provide mitigation strategies as appropriate.

Strategic Climate Action Plan Alignment

Climate change – Scientific data indicates that storms will potentially become more frequent and more intense in the future. This could lead to an increase in flood risk (particularly in urban areas). Green Building Reporting will not be applicable to the planning projects that will not reach 30% design. Green Building Reporting will be applicable to the design projects that will reach 30% design and the implementation projects.

Operating Budget Impacts

Permit driven requirements for Monitoring and Maintenance will be a future facility maintenance operating cost for Stormwater Services.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WSWCA ASSET PRESERVATION

1129388

Master Project

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3292 SWM CIP NON-BOND SUBFUND
Class Code	WSWCA ASSET PRESERVATION
Substantial Completion	
Location	The program has sub projects located countywide.
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$281,155	\$8,035	\$0	\$289,190
2 Preliminary Design	\$0	\$161,279	\$32,139	\$0	\$193,418
3 Final Design	\$0	\$102,505	\$243,679	\$0	\$346,184
4 Implementation	\$0	\$3,079,051	\$6,570,884	\$4,666,327	\$14,316,262
5 Closeout	\$0	\$0	\$0	\$66,132	\$66,132
6 Acquisition	\$0	\$385,814	\$55,000	\$0	\$440,814
Total Budget	\$0	\$4,009,804	\$6,909,737	\$4,732,459	\$15,652,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
33833 - FLOOD CONTROL REIMB	\$550,000	\$1,100,000	\$0	\$1,650,000
39721 - CONTRIB SURF WATER MGT	\$3,459,804	\$5,809,737	\$4,732,459	\$14,002,000
Total Revenue	\$4,009,804	\$6,909,737	\$4,732,459	\$15,652,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		WLSWCA ASSET PRESERVATION					1129388
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense	
1 Planning	\$0	\$0	\$199,744	\$8,035	\$0	\$207,779	
2 Prelim Design	\$0	\$0	\$87,247	\$32,139	\$0	\$119,386	
3 Final Design	\$0	\$0	\$63,654	\$243,678	\$0	\$307,332	
4 Implementation	\$0	\$0	\$3,241,827	\$6,570,884	\$4,666,327	\$14,479,038	
5 Closeout	\$0	\$0	\$0	\$0	\$66,132	\$66,132	
6 Acquisition	\$0	\$0	\$417,332	\$55,001	\$0	\$472,333	
Total Expense	\$0	\$0	\$4,009,804	\$6,909,737	\$4,732,459	\$15,652,000	

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$281,155	\$199,744	\$81,411
2 Preliminary Design	\$0	\$161,279	\$87,247	\$74,032
3 Final Design	\$0	\$102,505	\$63,654	\$38,851
4 Implementation	\$0	\$3,079,051	\$3,241,827	(\$162,776)
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$385,814	\$417,332	(\$31,518)
Total	\$0	\$4,009,804	\$4,009,804	\$0

NARRATIVES	WLSWCA ASSET PRESERVATION	1129388
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Current Scope

Stormwater Asset Preservation - This program preserves or replaces the existing aging stormwater facilities/assets owned by Water and Land Resources (WLRD). Work includes the rehabilitation, restoration, and replacement of the facilities and/or their components (e.g. pipes, catch basins, manholes, etc.) to extend the life, improve and restore the function before or after they have failed or partially failed. Projects will be identified and prioritized through WLRD's stormwater asset management planning.

Project Justification

Many of Water and Land Resources Division's (WLRD) stormwater facility components are at or nearing the end of their effective life due to age and deteriorating materials. This is increasing the risk of facility failure, the consequences of which include extra costs for emergency replacement, potential hazards to the public, damages to public and private property, and impacts to water quality. Some failures are already occurring or starting to occur. This program is needed to address both existing and predicted failures of facility components.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	WLSWCA ASSET PRESERVATION	1129388
Budget Request Basis		
The inventory of assets was evaluated and cost estimates were developed for multiple levels of service. The budget request reflects the management selected level of service goal.		
Project Status		
Some of the forecasted subprojects under this master program are listed below. Additional projects will likely be added from the feasibility program. 1129389 - DR0575 Sunset Valley Sediment Removal 1129390 - D91355 Pipe Replacement 1129505 - D90119 Pipe Replacement		
Alternatives Analysis		
The alternative analysis has been completed in the Feasibility study,		
Funding and Revenue Discussion		
Other Agency Involvement		
Permits may be required from regulatory agencies including DPER, ACOE, WDFW, DOE and possibly permitting agencies in incorporated areas. King County DOT staff may perform the construction work.		
Art Eligibility		
No. These are facilities owned by King County. Generally there is no public access. They are fenced and many are below ground. A majority of this program projects are culverts and stormwater sewer conveyance that are below ground.		
Equity and Social Justice Impact		
After project selection, during project design, teams reach out to a variety of stakeholders and to the extent consistent with the site and the goals of the project, strive to incorporate project elements that promote ESJ goals. This includes identifying strategies to improve the contribution of equity determinants in the project area, outreach to the community, ensuring alignment with sustainability and municipal initiatives, and prioritized recommendations.		
Strategic Climate Action Plan Alignment		
This program includes the design and implementation of projects that address stormwater runoff problems, reduces flood risk and promote salmon recovery. Green Building strategies will be identified at 30% design for the projects in this program.		
Operating Budget Impacts		
Permit driven requirements for Monitoring and Maintenance will be a future facilities maintenance operating cost (mainly mitigation planting). Some maintenance costs will be reduced with the completion of projects that fix existing problems.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WLER FUND GRANT CONTINGENCY

1129460

Master Project

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3292 SWM CIP NON-BOND SUBFUND
Class Code	WLER Fund Grant Contingency
Substantial Completion	
Location	Countywide
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$3,000,000	\$0	\$0	\$3,000,000
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$3,000,000	\$0	\$0	\$3,000,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
38902 - REV CONTINGENCY (BUDGET)	\$3,000,000	\$0	\$0	\$3,000,000
Total Revenue	\$3,000,000	\$0	\$0	\$3,000,000

EXPENSE

WLER FUND GRANT CONTINGENCY

1129460

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$2,995,951	\$0	\$0	\$2,995,951
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$4,049	\$0	\$0	\$4,049
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$0	\$0	\$3,000,000	\$0	\$0	\$3,000,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$3,000,000	\$2,995,951	\$4,049
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$4,049	(\$4,049)
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$3,000,000	\$3,000,000	\$0

NARRATIVES

WLER FUND GRANT CONTINGENCY

1129460

Current Scope

Ecological Restoration Grant Contingency - The WLER Fund grant contingency provides spending authority for anticipated receipt of funds from a grant donor or other external funding sources for Ecological Restoration projects within the various regional Watershed Resource Inventory Areas.

Project Justification

Title 4A allows agencies to establish a grant contingency project in their CIP program. The grant contingency project provides agencies with some flexibility to quickly respond to grant awards and complete grant-related work within grant deadlines.

Budget Request Basis

Funding is based upon analysis of prior years funding from grants and future anticipated opportunities for grant applications.

Project Status

N/A

Alternatives Analysis

Not applicable to project.

Funding and Revenue Discussion

Funding for WLR SWM capital projects includes revenue from numerous external agencies as well as county sources. Some of these funding sources includes grants from federal and state agencies, local agencies, local levy proceeds, interagency request for services and Interlocal agreements.

Other Agency Involvement

Not applicable to project.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	WLER FUND GRANT CONTINGENCY	1129460
Art Eligibility		
No. This project provides spending authority for future grant or other revenue awards.		
Equity and Social Justice Impact		
Not applicable to project.		
Strategic Climate Action Plan Alignment		
Not applicable to project.		
Operating Budget Impacts		
This project does not affect operating budget.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WLER EMERGENT NEED CONTINGENCY

1129530

Art Eligible

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3292 SWM CIP NON-BOND SUBFUND
Class Code	STANDALONE
Substantial Completion	
Location	Countywide
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$150,000	\$166,368	\$176,500	\$492,868
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$150,000	\$166,368	\$176,500	\$492,868

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39721 - CONTRIB SURF WATER MGT	\$150,000	\$166,368	\$176,500	\$492,868
Total Revenue	\$150,000	\$166,368	\$176,500	\$492,868

EXPENSE

WLER EMERGENT NEED CONTINGENCY

1129530

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$150,000	\$166,368	\$176,500	\$492,868
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$0	\$0	\$150,000	\$166,368	\$176,500	\$492,868

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$150,000	\$150,000	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$150,000	\$150,000	\$0

NARRATIVES

WLER EMERGENT NEED CONTINGENCY

1129530

Current Scope

Ecological Restoration Emergent Need Contingency - This project provides a management reserve for ecological capital design and construction projects. The amount of reserve (Contingency) is based upon the amount of construction funding planned for the current budget year. This project provides contingency funds to cover unanticipated unplanned program or project costs.

Project Justification

Standard Industry practices encourages a Management reserve for unknown unknown items that may affect the ability to complete projects or implement programs on time and within budget. The Professional Management Institute has provided guidelines for setting up and managing management reserves.

Budget Request Basis

The biennium ask is low relative to the size of the capital program, but was limited based on the need to fund other critical projects and program work.

Project Status

Contingency funds have not yet been used in this biennium but we expect to need them before the close of the biennium.

Alternatives Analysis

NA

Funding and Revenue Discussion

Other Agency Involvement

Agency involvement is project specific.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	WLER EMERGENT NEED CONTINGENCY	1129530
Art Eligibility		
Yes. Contingency funds may be used for a variety of programs, including many programs which are not eligible for the 1% for Art program, such as planning work, feasibility analysis, demolition, maintenance and monitoring, and minor rehabilitation, in addition to work that is eligible for art (design and construction). It is not possible to precisely predict how the funds will be spent. Accordingly, we guesstimate that half of the funds may be used to work obligated to 1% for Art allocation.		
Equity and Social Justice Impact		
Not applicable to project.		
Strategic Climate Action Plan Alignment		
NA		
Operating Budget Impacts		
NA		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

DES LTLF MASTER PROJECT

1039895

Master Project, Art Eligible

Department	EXECUTIVE SERVICES
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3310 LONG-TERM LEASES
Class Code	DES LTLF MASTER PROJECT
Substantial Completion	12/31/2018
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$283,790,325	\$0	\$0	\$0	\$283,790,325
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$363,004	\$32,794,623	\$33,478,762	\$34,791,816	\$101,428,205
5 Closeout	\$2	\$0	\$0	\$0	\$2
6 Acquisition	\$156,105,531	\$0	\$0	\$0	\$156,105,531
Total Budget	\$440,258,862	\$32,794,623	\$33,478,762	\$34,791,816	\$541,324,063

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
34190 - OTHER GENERAL GOVT SVCS	\$32,794,623	\$33,478,762	\$34,791,816	\$101,065,201
Total Revenue	\$32,794,623	\$33,478,762	\$34,791,816	\$101,065,201

EXPENSE

DES LTLF MASTER PROJECT1039895

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$188,138,304		\$0	\$0	\$0	\$188,138,304
2 Prelim Design	\$9,009		\$0	\$0	\$0	\$9,009
3 Final Design	\$36,169		\$0	\$0	\$0	\$36,169
4 Implementation	\$870,250		\$34,278,048	\$0	\$0	\$35,148,298
5 Closeout	\$49		\$0	\$0	\$0	\$49
6 Acquisition	\$182,544,264		\$0	\$0	\$0	\$182,544,264
Total Expense	\$371,598,045		\$34,278,048	\$0	\$0	\$405,876,093

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$188,138,304	\$283,790,325	\$188,138,304
2 Preliminary Design	\$0	\$0	\$9,009	\$0	\$9,009
3 Final Design	\$0	\$0	\$36,169	\$0	\$36,169
4 Implementation	\$0	\$0	\$870,250	\$363,004	\$870,250
5 Closeout	\$0	\$0	\$49	\$2	\$49
6 Acquisition	\$0	\$0	\$182,544,264	\$156,105,531	\$182,544,264
Total	\$0	\$0	\$371,598,045	\$440,258,862	\$371,598,045

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$95,652,021	\$0	\$0	\$95,652,021
2 Preliminary Design	(\$9,009)	\$0	\$0	(\$9,009)
3 Final Design	(\$36,169)	\$0	\$0	(\$36,169)
4 Implementation	(\$507,246)	\$32,794,623	\$34,278,048	(\$1,990,671)
5 Closeout	(\$47)	\$0	\$0	(\$47)
6 Acquisition	(\$26,438,733)	\$0	\$0	(\$26,438,733)
Total	\$68,660,817	\$32,794,623	\$34,278,048	\$67,177,392

NARRATIVES

DES LTLF MASTER PROJECT

1039895

Current Scope

Long Term Lease Fund Master Project

Project Justification

The 2017-2018 biennial budget proposal reflects costs for agencies leasing non-County space. Costs include base rent, operating costs, common area maintenance, amortized tenant improvements, and other miscellaneous costs included in the lease terms such as parking, storage, direct utilities, etc., plus an amount added to cover possible unanticipated costs that could occur during the biennium. Also included is the FMD Lease Administration Fee collected from the agencies to cover the costs of Real Estate Services staff providing leasehold services, internal service charges and other related expenses. Reimbursement is collected from the agencies to cover the expenditures from the fund.

Budget Request Basis

Budget estimates are based on the terms of each lease including scheduled base rent changes, estimated CPI adjustments, estimated operating costs, leases terminating and new leases projected to be finalized during the biennium.

Project Status

The 2017-2018 proposed budget includes funding to pay the costs of approximately 65 leases for various county agencies.

Alternatives Analysis

No alternatives considered.

Funding and Revenue Discussion

Revenue is collected from agencies to cover the costs incurred by Fund 3310.

Other Agency Involvement

The lease costs for agencies leasing space flow through the LTLF. Lease costs are paid by FMD from the LTLF and agencies reimburse the LTLF.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	DES LTLF MASTER PROJECT	1039895
Art Eligibility		
Equity and Social Justice Impact		
No impact anticipated.		
Strategic Climate Action Plan Alignment		
Operating Budget Impacts		
The operating budgets of agencies leasing space could be impacted by unanticipated fluctuations in operating costs or changes in space needs.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

DES FMD 3350 T/T 3951 1117106

1121298

TA

Department	EXECUTIVE SERVICES
Council District(s)	2
Fund	3350 YOUTH SRVS FACILTS CONST
Class Code	
Substantial Completion	
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$26,490,269	\$0	\$0	\$0	\$26,490,269
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$191,964,731	\$0	\$0	\$191,964,731
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$26,490,269	\$191,964,731	\$0	\$0	\$218,455,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$64,620,069	\$0	\$0	\$64,620,069
31111 - REAL PRPTY TAXES CURRENT	\$126,984,662	\$0	\$0	\$126,984,662
36111 - INVESTMENT INTEREST GROSS	\$360,000	\$0	\$0	\$360,000
Total Revenue	\$191,964,731	\$0	\$0	\$191,964,731

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		DES FMD 3350 T/T 3951 1117106				1121298
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$20,395,695	\$6,094,574	\$122,476,335	\$21,368,875	\$42,693,655	\$213,029,134
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$20,395,695	\$6,094,574	\$122,476,335	\$21,368,875	\$42,693,655	\$213,029,134

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$20,395,695	\$26,490,269	\$26,490,269
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$20,395,695	\$26,490,269	\$26,490,269

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$122,476,335	(\$122,476,335)
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$191,964,731	\$0	\$191,964,731
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$191,964,731	\$122,476,335	\$69,488,396

NARRATIVES DES FMD 3350 T/T 3951 1117106 1121298

Current Scope

Budget in this project makes budget authority available to transfer CFJC property tax levy collections to reimburse approved project budget in the CFJC construction project (project number 1117106 in Fund 3951 Building Repair and Replacement).

Project Justification

The voters approved the levy collections to be used to construct the Children and Family Justice Center. This project provides budget authority to transfer levy collections to fund the project budgeted in the Building Repair and Replacement Fund (3951).

Budget Request Basis

Construction will begin in the Building Repair and Replacement Fund (3951) 2017/2018 biennium and costs will be reimbursed by property tax levy collections in this CJFC levy fund (3350).

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	DES FMD 3350 T/T 3951 1117106	1121298
Project Status		
This is an on-going project with \$26,490,269 to be transferred from the CFJC fund (3350) to the Building Repair and Replacement Fund (3951) by the end of the 2015/2016 biennium.		
Alternatives Analysis		
No alternatives available.		
Funding and Revenue Discussion		
This project will be funded primarily with voter approved tax levy proceeds, interest earnings and a contribution from the Seattle Public School District according to recent communications between the County and the School District.		
Other Agency Involvement		
The agency responsible for collecting the reimbursement for construction costs is the DES Facilities Management Division.		
Art Eligibility		
This is an administrative revenue transfer project in support of a project that is art eligible and has budget authority for the art contribution.		
Equity and Social Justice Impact		
NA: This is a revenue transfer project rather than a construction project.		
Strategic Climate Action Plan Alignment		
NA: This is a revenue transfer project rather than a construction project.		
Operating Budget Impacts		
NA: This is a revenue transfer project rather than a construction project.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status: Approved

AD PAVEMENT REHABILITATION

1028653

Master Project

Department	TRANSPORTATION
Council District(s)	8
Fund	3380 AIRPORT CONSTRUCTION
Class Code	AD PAVEMENT REHABILITATION
Substantial Completion	12/31/2027
Location	7277 PERIMETER RD S, Seattle 98108
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$1	\$0	\$0	\$0	\$1
2 Preliminary Design	\$1	\$0	\$0	\$0	\$1
3 Final Design	\$126,079	\$0	\$0	\$0	\$126,079
4 Implementation	\$5,354,415	\$200,000	\$1,250,000	\$1,000,000	\$7,804,415
5 Closeout	\$1	\$0	\$0	\$0	\$1
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$5,480,497	\$200,000	\$1,250,000	\$1,000,000	\$7,930,497

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
17275 - TRANSFERS IN	\$200,000	\$1,250,000	\$1,000,000	\$2,450,000
Total Revenue	\$200,000	\$1,250,000	\$1,000,000	\$2,450,000

EXPENSE AD PAVEMENT REHABILITATION 1028653

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$82,575		\$0	\$0	\$0	\$82,575
2 Prelim Design	\$0		\$0	\$0	\$0	\$0
3 Final Design	\$137,171		\$0	\$0	\$0	\$137,171
4 Implementation	\$3,702,016		\$1,750,000	\$1,250,000	\$1,000,000	\$7,702,016
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$3,921,762		\$1,750,000	\$1,250,000	\$1,000,000	\$7,921,762

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$82,575	\$1	\$82,575
2 Preliminary Design	\$0	\$0	\$0	\$1	\$0
3 Final Design	\$0	\$0	\$137,171	\$126,079	\$137,171
4 Implementation	\$0	\$0	\$3,702,016	\$5,354,415	\$3,702,016
5 Closeout	\$0	\$0	\$0	\$1	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$3,921,762	\$5,480,497	\$3,921,762

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$82,574)	\$0	\$0	(\$82,574)
2 Preliminary Design	\$1	\$0	\$0	\$1
3 Final Design	(\$11,092)	\$0	\$0	(\$11,092)
4 Implementation	\$1,652,399	\$200,000	\$1,750,000	\$102,399
5 Closeout	\$1	\$0	\$0	\$1
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$1,558,735	\$200,000	\$1,750,000	\$8,735

NARRATIVES

AD PAVEMENT REHABILITATION

1028653

Current Scope

Pavement Rehabilitation - This is the master project for all pavement rehabilitation projects to keep runways, taxiways, ramp and aircraft parking areas, as well as all landside pavements in usable and safe conditions per FAA and other applicable codes.

Project Justification

Planned subprojects in this biennium would address issues such as: repaving three aircraft gate areas to bring the pavement up to code for the weight of aircraft parking there; two small but necessary on-airport road projects to improve road conditions and traffic safety; \$200,000 earmarked for emergency pavement repairs, based on recent years' experience; and other pavement management costs.

Budget Request Basis

The budget request is based on the Airport Engineer's estimates and recent comparable project costs.

Project Status

Current biennium-to-date pavement rehabilitation projects have included completing the major Taxiway Alpha rehabilitation and periodic Taxiway Bravo sinkhole repairs. Planned work in the coming biennium includes pavement rehabilitation in Gates 6, 7, and 8; emergency repairs; pavement management; and road projects at Perimeter Road South entrance and North Drive Lane.

Alternatives Analysis

N/A

Funding and Revenue Discussion

N/A

Other Agency Involvement

All work is subject to FAA grant assurances; in addition, airside pavement rehabilitation is required to meet FAA code.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	AD PAVEMENT REHABILITATION	1028653
Art Eligibility		
No – Airport runways		
Equity and Social Justice Impact		
No.		
Strategic Climate Action Plan Alignment		
We will make every effort to identify and include environmentally-friendly demolition and construction methods and materials, within the highly-regulated code environment for airfield pavement.		
Operating Budget Impacts		
None expected.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

AD AIRPORT REDEVELOPMENT

1119982

Department	TRANSPORTATION
Council District(s)	8
Fund	3380 AIRPORT CONSTRUCTION
Class Code	AD AIRPORT REDEVELOPMENT
Substantial Completion	12/31/2027
Location	7277 PERIMETER RD S, Seattle 98108
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$4	\$0	\$0	\$0	\$4
2 Preliminary Design	\$4	\$0	\$0	\$0	\$4
3 Final Design	\$4	\$0	\$0	\$0	\$4
4 Implementation	\$9,861,557	\$0	\$10,000,000	\$2,250,000	\$22,111,557
5 Closeout	\$4	\$0	\$0	\$0	\$4
6 Acquisition	\$4	\$0	\$0	\$0	\$4
Total Budget	\$9,861,577	\$0	\$10,000,000	\$2,250,000	\$22,111,577

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
17275 - TRANSFERS IN	\$0	\$3,689,650	\$2,250,000	\$5,939,650
33123 - FAA	\$0	\$6,310,350	\$0	\$6,310,350
Total Revenue	\$0	\$10,000,000	\$2,250,000	\$12,250,000

EXPENSE

AD AIRPORT REDEVELOPMENT

1119982

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$649,970		\$0	\$0	\$0	\$649,970
2 Prelim Design	\$0		\$0	\$0	\$0	\$0
3 Final Design	\$273,981		\$0	\$0	\$0	\$273,981
4 Implementation	\$209,830		\$1,547,000	\$12,941,500	\$2,400,000	\$17,098,330
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$1,133,780		\$1,547,000	\$12,941,500	\$2,400,000	\$18,022,280

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$649,970	\$4	\$649,970
2 Preliminary Design	\$0	\$0	\$0	\$4	\$0
3 Final Design	\$0	\$0	\$273,981	\$4	\$273,981
4 Implementation	\$0	\$0	\$209,830	\$9,861,557	\$209,830
5 Closeout	\$0	\$0	\$0	\$4	\$0
6 Acquisition	\$0	\$0	\$0	\$4	\$0
Total	\$0	\$0	\$1,133,781	\$9,861,577	\$1,133,781

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$649,966)	\$0	\$0	(\$649,966)
2 Preliminary Design	\$4	\$0	\$0	\$4
3 Final Design	(\$273,977)	\$0	\$0	(\$273,977)
4 Implementation	\$9,651,727	\$0	\$1,547,000	\$8,104,727
5 Closeout	\$4	\$0	\$0	\$4
6 Acquisition	\$4	\$0	\$0	\$4
Total	\$8,727,796	\$0	\$1,547,000	\$7,180,796

NARRATIVES

AD AIRPORT REDEVELOPMENT

1119982

Current Scope

Airport Redevelopment - This master project is used to carry out the Airport Master Plan to create and preserve airport infrastructure for revenue production and for public and tenant use, carry out environmental studies and remediation, and to meet the strategic objectives of the airport and the covenants of FAA grant assurances.

Project Justification

This master project is by nature ongoing. Projects in the coming biennium include redesign of the airport entryway, water-saving landscaping design, and environmental remediation.

Budget Request Basis

The budget was estimated by the airport engineering department.

Project Status

Major work accomplished in the current biennium includes several environmental sampling and remediation projects, hosting the Lease Framework Working Group process, and redevelopment work on Hangar 5. Planned work in the coming biennium includes redesign of the airport entryway, water-saving landscaping design, and environmental remediation.

Alternatives Analysis

N/A

Funding and Revenue Discussion

N/A

Other Agency Involvement

N/A

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	AD AIRPORT REDEVELOPMENT	1119982
Art Eligibility		
N/A		
Equity and Social Justice Impact		
No.		
Strategic Climate Action Plan Alignment		
Subprojects will strive for the Platinum level on their Sustainability Scorecards by considering energy efficiency, water conservation, use of sustainable materials, environmental health, community quality of life, equity and social justice. Subprojects will also maximize construction and demolition waste diversion from landfills by striving for an 80% - 85% diversion rate. These actions contribute to SCAP Green Building Goal Area targets and strategies. Applicable subprojects prepare Green Building Ordinance Scorecards and Annual Reports.		
Operating Budget Impacts		
Not known at this time; water savings from landscape design anticipated but not yet quantified.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

AD AIRPORT FACILITIES REPAIR 1120730

Department	TRANSPORTATION
Council District(s)	8
Fund	3380 AIRPORT CONSTRUCTION
Class Code	AD AIRPORT FACILITIES REPAIR
Substantial Completion	12/31/2027
Location	7277 PERIMETER RD S, Seattle 98108
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$92,252	\$0	\$0	\$0	\$92,252
2 Preliminary Design	\$1	\$0	\$0	\$0	\$1
3 Final Design	\$551,012	\$0	\$0	\$0	\$551,012
4 Implementation	\$11,104,516	\$0	\$1,700,000	\$3,000,000	\$15,804,516
5 Closeout	\$1	\$0	\$0	\$0	\$1
6 Acquisition	\$1	\$0	\$0	\$0	\$1
Total Budget	\$11,747,783	\$0	\$1,700,000	\$3,000,000	\$16,447,783

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
17275 - TRANSFERS IN	\$0	\$1,700,000	\$3,000,000	\$4,700,000
Total Revenue	\$0	\$1,700,000	\$3,000,000	\$4,700,000

EXPENSE AD AIRPORT FACILITIES REPAIR 1120730

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$1,386,985		\$0	\$0	\$0	\$1,386,985
2 Prelim Design	\$0		\$0	\$0	\$0	\$0
3 Final Design	\$2,190,351		\$0	\$0	\$0	\$2,190,351
4 Implementation	\$2,280,514		\$1,279,915	\$4,139,271	\$3,000,000	\$10,699,700
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$5,857,850		\$1,279,915	\$4,139,271	\$3,000,000	\$14,277,036

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$1,386,985	\$92,252	\$1,386,985
2 Preliminary Design	\$0	\$0	\$0	\$1	\$0
3 Final Design	\$0	\$0	\$2,190,351	\$551,012	\$2,190,351
4 Implementation	\$0	\$0	\$2,280,514	\$11,104,516	\$2,280,514
5 Closeout	\$0	\$0	\$0	\$1	\$0
6 Acquisition	\$0	\$0	\$0	\$1	\$0
Total	\$0	\$0	\$5,857,850	\$11,747,783	\$5,857,850

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$1,294,733)	\$0	\$0	(\$1,294,733)
2 Preliminary Design	\$1	\$0	\$0	\$1
3 Final Design	(\$1,639,339)	\$0	\$0	(\$1,639,339)
4 Implementation	\$8,824,002	\$0	\$1,279,915	\$7,544,087
5 Closeout	\$1	\$0	\$0	\$1
6 Acquisition	\$1	\$0	\$0	\$1
Total	\$5,889,933	\$0	\$1,279,915	\$4,610,018

NARRATIVES

AD AIRPORT FACILITIES REPAIR

1120730

Current Scope

Airport Facilities Repair - Facilities preservation is a fiduciary responsibility that keeps assets available for best and highest use including revenue production; preservation and repair avoids costs for downtime, excess maintenance, major repair, inefficient operations, and ultimately demolition and replacement costs.

Project Justification

Facilities preservation is a fiduciary responsibility that keeps assets available for best and highest use including revenue production; preservation and repair avoids costs for downtime, excess maintenance, major repair, inefficient operations, and ultimately demolition and replacement costs.

Budget Request Basis

Budget was estimated by the Airport Maintenance managers from similar recent projects.

Project Status

Major work in the current biennium includes: mechanical systems replacement, energy upgrade, repairs to the temporary ARFF station to allow its full-time use while the new station is being built, lighting system upgrades, water system equipment replacement, HVAC system replacement, and an underground pipe replacement. Planned projects in the coming biennium include repairs and upgrades in the main terminal building, installation of backflow preventers, air traffic control base and tower repair and improvements, repairs and improvements to SW T-hangars, and a stormwater pipe repair evaluation.

Alternatives Analysis

N/A

Funding and Revenue Discussion

N/A

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	AD AIRPORT FACILITIES REPAIR	1120730
Other Agency Involvement		
Some or all work is subject to FAA grant assurances.		
Art Eligibility		
Projects are typically maintenance or minor rehabilitation.		
Equity and Social Justice Impact		
No.		
Strategic Climate Action Plan Alignment		
Subprojects will strive for the Platinum level on their Sustainability Scorecards by considering energy efficiency, water conservation, use of sustainable materials, environmental health, community quality of life, equity and social justice. Subprojects will also maximize construction and demolition waste diversion from landfills by striving for an 80% - 85% diversion rate. These actions contribute to SCAP Green Building Goal Area targets and strategies. Applicable subprojects prepare Green Building Ordinance Scorecards and Annual Reports.		
Operating Budget Impacts		
Not yet known; to be quantified for individual subprojects at 30% design phase.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

AD AIRPORT FLEET

1120731

Department	TRANSPORTATION
Council District(s)	8
Fund	3380 AIRPORT CONSTRUCTION
Class Code	AD AIRPORT FLEET
Substantial Completion	12/31/2027
Location	7277 PERIMETER RD S, Seattle 98108
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$12,764	\$0	\$0	\$0	\$12,764
2 Preliminary Design	\$1	\$0	\$0	\$0	\$1
3 Final Design	\$1	\$0	\$0	\$0	\$1
4 Implementation	\$3,620,915	\$1,998,594	\$1,250,000	\$1,390,000	\$8,259,509
5 Closeout	\$2	\$0	\$0	\$0	\$2
6 Acquisition	\$1	\$0	\$0	\$0	\$1
Total Budget	\$3,633,684	\$1,998,594	\$1,250,000	\$1,390,000	\$8,272,278

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
17275 - TRANSFERS IN	\$801,594	\$1,250,000	\$1,390,000	\$3,441,594
33123 - FAA	\$1,197,000	\$0	\$0	\$1,197,000
Total Revenue	\$1,998,594	\$1,250,000	\$1,390,000	\$4,638,594

EXPENSE AD AIRPORT FLEET 1120731

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$24,258		\$0	\$0	\$0	\$24,258
2 Prelim Design	\$0		\$0	\$0	\$0	\$0
3 Final Design	\$0		\$0	\$0	\$0	\$0
4 Implementation	\$3,239,160		\$2,000,627	\$1,250,000	\$1,390,000	\$7,879,787
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$64,809		\$0	\$0	\$0	\$64,809
Total Expense	\$3,328,227		\$2,000,627	\$1,250,000	\$1,390,000	\$7,968,854

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$24,258	\$12,764	\$24,258
2 Preliminary Design	\$0	\$0	\$0	\$1	\$0
3 Final Design	\$0	\$0	\$0	\$1	\$0
4 Implementation	\$0	\$0	\$3,239,160	\$3,620,915	\$3,239,160
5 Closeout	\$0	\$0	\$0	\$2	\$0
6 Acquisition	\$0	\$0	\$64,809	\$1	\$64,809
Total	\$0	\$0	\$3,328,227	\$3,633,684	\$3,328,227

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$11,494)	\$0	\$0	(\$11,494)
2 Preliminary Design	\$1	\$0	\$0	\$1
3 Final Design	\$1	\$0	\$0	\$1
4 Implementation	\$381,755	\$1,998,594	\$2,000,627	\$379,722
5 Closeout	\$2	\$0	\$0	\$2
6 Acquisition	(\$64,808)	\$0	\$0	(\$64,808)
Total	\$305,457	\$1,998,594	\$2,000,627	\$303,424

NARRATIVES

AD AIRPORT FLEET

1120731

Current Scope

Airport Fleet - This master project has subprojects for airport fleet equipment replacement as well as special fleet projects such as alternative fuel conversions.

Project Justification

The Maintenance Manager maintains a fleet asset lifecycle plan, maintenance and repair schedule, and replacement schedule to manage the maximum planned life of each vehicle and budget for its replacement.

Budget Request Basis

Budget was estimated by the Airport Maintenance manager from market prices for replacement equipment, an FMV bid for the ARFF truck, and King County-provided costs for the AVL project and propane conversion.

Project Status

Fleet expenditures in the current biennium included scheduled end-of-life equipment replacement. Planned fleet subprojects in the coming biennium plan includes scheduled end-of-life equipment replacement, an ARFF truck replacement (FAA grant-eligible for 90% of the cost), our cost portion of King County's AVL project, and a pilot propane conversion.

Alternatives Analysis

N/A

Funding and Revenue Discussion

N/A

Other Agency Involvement

Some or all work is subject to FAA grant assurances. The Propane conversion is being done as part of a larger King County Fleet project.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	AD AIRPORT FLEET	1120731
Art Eligibility		
N/A		
Equity and Social Justice Impact		
No.		
Strategic Climate Action Plan Alignment		
This project will increase the consumption of alternative fuels (propane) in on-airport vehicles, reducing carbon emissions. Additionally, the introduction of AVL technology will increase the efficient use of KCIA vehicles, and AVL data will enable the Airport to track completion of scheduled maintenance such as runway and taxiway sweeps.		
Operating Budget Impacts		
Not yet known; to be quantified for individual subprojects at 30% design phase.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

AD CIP OVERSIGHT

1121024

Department	TRANSPORTATION
Council District(s)	8
Fund	3380 AIRPORT CONSTRUCTION
Class Code	STANDALONE
Substantial Completion	
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 07/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$57,154	\$0	\$0	\$0	\$57,154
2 Preliminary Design	\$1	\$0	\$0	\$0	\$1
3 Final Design	\$1	\$0	\$0	\$0	\$1
4 Implementation	\$1	\$7,647	\$0	\$0	\$7,648
5 Closeout	\$2	\$0	\$0	\$0	\$2
6 Acquisition	\$1	\$0	\$0	\$0	\$1
Total Budget	\$57,160	\$7,647	\$0	\$0	\$64,807

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$7,647	\$0	\$0	\$7,647
Total Revenue	\$7,647	\$0	\$0	\$7,647

EXPENSE

AD CIP OVERSIGHT

1121024

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$21,441	\$0	\$0	\$0	\$0	\$21,441
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$19,155	\$0	\$7,647	\$0	\$0	\$26,802
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$40,596	\$0	\$7,647	\$0	\$0	\$48,243

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 07/2016	ITD Budget thru 07/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$23,651	\$57,154	\$21,441
2 Preliminary Design	\$0	\$0	\$0	\$1	\$0
3 Final Design	\$0	\$0	\$0	\$1	\$0
4 Implementation	\$0	\$0	\$19,155	\$1	\$19,155
5 Closeout	\$0	\$0	\$0	\$2	\$0
6 Acquisition	\$0	\$0	\$0	\$1	\$0
Total	\$0	\$0	\$42,806	\$57,160	\$40,596

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$35,713	\$0	\$0	\$35,713
2 Preliminary Design	\$1	\$0	\$0	\$1
3 Final Design	\$1	\$0	\$0	\$1
4 Implementation	(\$19,154)	\$7,647	\$7,647	(\$19,154)
5 Closeout	\$2	\$0	\$0	\$2
6 Acquisition	\$1	\$0	\$0	\$1
Total	\$16,564	\$7,647	\$7,647	\$16,564

NARRATIVES

AD CIP OVERSIGHT

1121024

Current Scope

Capital Improvement Program Oversight - Covers the cost of CIP oversight services provided to the Airport Divisions CIP projects by the King County Auditor's Office.

Project Justification

This project is to pay for auditor related costs for the CIP program.

Budget Request Basis

Budget requested based on model for allocating these auditor costs to agencies.

Project Status

Alternatives Analysis

Funding and Revenue Discussion

Other Agency Involvement

Art Eligibility

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	AD CIP OVERSIGHT	1121024
Equity and Social Justice Impact		
Strategic Climate Action Plan Alignment		
Not applicable to project.		
Operating Budget Impacts		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

AD AIRPORT PHYS SEC IMPROVMNTS

1126426

Department	TRANSPORTATION
Council District(s)	8
Fund	3380 AIRPORT CONSTRUCTION
Class Code	STANDALONE
Substantial Completion	11/30/2018
Location	7277 PERIMETER RD S, Seattle 98108
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$50,000	\$0	\$0	\$0	\$50,000
2 Preliminary Design	\$150,000	\$0	\$0	\$0	\$150,000
3 Final Design	\$58,489	\$0	\$0	\$0	\$58,489
4 Implementation 03/01/17 - 11/30/18	\$1,336,693	\$1,020,063	\$0	\$0	\$2,356,756
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$1,595,182	\$1,020,063	\$0	\$0	\$2,615,245

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
17275 - TRANSFERS IN	\$1,020,063	\$0	\$0	\$1,020,063
Total Revenue	\$1,020,063	\$0	\$0	\$1,020,063

EXPENSE

AD AIRPORT PHYS SEC IMPROVMNTS

1126426

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$8,274		\$0	\$0	\$0	\$8,274
2 Prelim Design	\$0		\$0	\$0	\$0	\$0
3 Final Design	\$84,093		\$0	\$0	\$0	\$84,093
4 Implementation	\$0	\$115,928	\$2,118,267	\$0	\$0	\$2,234,195
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$92,367	\$115,928	\$2,118,267	\$0	\$0	\$2,326,562

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$8,274	\$50,000	\$8,274
2 Preliminary Design	\$0	\$0	\$0	\$150,000	\$0
3 Final Design	\$0	\$0	\$84,093	\$58,489	\$84,093
4 Implementation	\$0	\$0	\$0	\$1,336,693	\$115,928
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$92,367	\$1,595,182	\$208,295

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$41,726	\$0	\$0	\$41,726
2 Preliminary Design	\$150,000	\$0	\$0	\$150,000
3 Final Design	(\$25,604)	\$0	\$0	(\$25,604)
4 Implementation	\$1,220,765	\$1,020,063	\$2,118,267	\$122,561
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$1,386,887	\$1,020,063	\$2,118,267	\$288,683

NARRATIVES

AD AIRPORT PHYS SEC IMPROVMNTS

1126426

Current Scope

Airport Physical Security Improvements - Securing the King County International Airport while providing the flexibility demanded by its core customers is of utmost priority. The Airport has begun a process to identify and improve its physical security through a number of projects and has also initiated a security working group comprised of tenant and stakeholders to address security concerns shared by all. The Airport conducted an independent security assessment last year that included a number of recommendations to enhance Airport Security. These recommendations included construction and installation of lighting in areas that are currently either not lit or poorly lit. Additionally, the assessment recommended replacement of fencing and gates that are nearing the end of their economic lives.

Project Justification

Providing a safe, secure airfield for continuous aviation operations for stakeholders is a key component of the County's strategic goal of Best Run Government.

Budget Request Basis

Project budget estimates are based on consultant (Perimeter Lighting \$1M) as well as staff (Fence and Gate Replacement \$1.1 M) estimates.

Project Status

Ongoing - Standalone

Alternatives Analysis

Other than the status quo, no other alternatives have been identified.

Funding and Revenue Discussion

N/A

Other Agency Involvement

There is considerable interest by KC elected officials in Airport Security Improvements. The Division reports to GAO every quarter on project progress in accordance with Ordinance 17941, Section 129, Proviso P8, as amended by Ordinance 18110, Section 60.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	AD AIRPORT PHYS SEC IMPROVMNTS	1126426
Art Eligibility		
Project is mainly fencing and gate replacement or improvements.		
Equity and Social Justice Impact		
No.		
Strategic Climate Action Plan Alignment		
Not Green Building applicable		
Operating Budget Impacts		
Project design has not been completed however installation of perimeter lighting improvements is expected to increase the Airport's baseline energy consumption.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

AD EQUIPMENT SNOW SHED

1129947

Art Eligible

Department	TRANSPORTATION
Council District(s)	8
Fund	3380 AIRPORT CONSTRUCTION
Class Code	STANDALONE
Substantial Completion	12/31/2018
Location	7277 PERIMETER RD S, Seattle 98108
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design 06/01/17 - 10/01/17	\$0	\$353,500	\$0	\$0	\$353,500
4 Implementation 01/01/18 - 12/31/18	\$0	\$1,060,500	\$0	\$0	\$1,060,500
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$1,414,000	\$0	\$0	\$1,414,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$14,000	\$0	\$0	\$14,000

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
17275 - TRANSFERS IN	\$154,000	\$0	\$0	\$154,000
33123 - FAA	\$1,260,000	\$0	\$0	\$1,260,000
Total Revenue	\$1,414,000	\$0	\$0	\$1,414,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		AD EQUIPMENT SNOW SHED				1129947
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$0	\$0	\$0	\$0
2 Prelim Design	\$0		\$0	\$0	\$0	\$0
3 Final Design	\$0		\$350,000	\$0	\$0	\$350,000
4 Implementation	\$0		\$1,060,500	\$0	\$0	\$1,060,500
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$0		\$1,410,500	\$0	\$0	\$1,410,500

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$353,500	\$350,000	\$3,500
4 Implementation	\$0	\$1,060,500	\$1,060,500	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$1,414,000	\$1,410,500	\$3,500

NARRATIVES	AD EQUIPMENT SNOW SHED	1129947
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Current Scope

Equipment Snow Shed - The project involves construction of a storage building for the Airport's winter maintenance fleet of large equipment.

Project Justification

This project will protect and extend the life of the Airport's winter maintenance fleet, which is presently stored outdoors and is exposed to the weather. This work aligns with Best Run Government.

Budget Request Basis

Staff resources were used to develop the estimate, which includes funding for project design. This project has been approved by FAA as eligible for grant funding.

Project Status

NEW - Standalone

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

AD EQUIPMENT SNOW SHED

1129947

Alternatives Analysis

Other options such as rental of storage space and assembly of temporary structures were considered. This is the only option that FAA will approve for grant funding.

Funding and Revenue Discussion

This project is eligible for FAA grant funding; the Airport will apply for an FAA grant.

Other Agency Involvement

Project design and construction must meet FAA criteria to be eligible for grant funding.

Art Eligibility

N/A

Equity and Social Justice Impact

No.

Strategic Climate Action Plan Alignment

Preserving these County-owned assets for their full intended useful lives will keep them from prematurely filling landfills.

Operating Budget Impacts

Equipment maintenance and repair costs savings due to reduced wear from exposure outdoors may be anticipated. Additionally, indoor storage is expected to extend the operational lives of this equipment.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

AD MAGVAR RUNWAY RENUMBERING

1129949

Department	TRANSPORTATION
Council District(s)	8
Fund	3380 AIRPORT CONSTRUCTION
Class Code	STANDALONE
Substantial Completion	12/31/2018
Location	7277 PERIMETER RD S, Seattle 98108
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design 06/01/17 - 12/31/17	\$0	\$300,000	\$0	\$0	\$300,000
4 Implementation 01/02/18 - 12/31/18	\$0	\$2,450,000	\$0	\$0	\$2,450,000
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$2,750,000	\$0	\$0	\$2,750,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
17275 - TRANSFERS IN	\$275,000	\$0	\$0	\$275,000
33123 - FAA	\$2,475,000	\$0	\$0	\$2,475,000
Total Revenue	\$2,750,000	\$0	\$0	\$2,750,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		AD MAGVAR RUNWAY RENUMBERING				1129949
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$0	\$0	\$0	\$0
2 Prelim Design	\$0		\$0	\$0	\$0	\$0
3 Final Design	\$0		\$300,000	\$0	\$0	\$300,000
4 Implementation	\$0		\$2,450,000	\$0	\$0	\$2,450,000
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$0		\$2,750,000	\$0	\$0	\$2,750,000

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$300,000	\$300,000	\$0
4 Implementation	\$0	\$2,450,000	\$2,450,000	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$2,750,000	\$2,750,000	\$0

NARRATIVES AD MAGVAR RUNWAY RENUMBERING 1129949

Current Scope

Magnetic Variation Runway Renumbering - FAA has requested KCIA undertake this project which involves changing the runway numbering to reflect changes in the magnetic North compass heading. This work will involve working closely with various FAA groups on changing published flight procedures and various publication documents used for both navigation and information as well as changing airport markings and signage. Verification flight checks will also be required. This project will also address a safety issue raised by FAA Air Traffic and Runway Safety pertaining to pilot confusion and errors with the current runway headings, Runways 13/31.

Project Justification

Identified by the FAA as a safety risk for airplanes landing on instrument approach, because the magnetic readings differ from the runway numbering; as such, delaying resolving the safety issue represents a financial risk to the Airport and the County.

Budget Request Basis

Budget was based on dialog with FAA officials, and will be used to address an aviation safety issue.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	AD MAGVAR RUNWAY RENUMBERING	1129949
Project Status		
NEW - Standalone		
Alternatives Analysis		
This is an FAA protocol required due to the magnetic North heading shift.		
Funding and Revenue Discussion		
This project is eligible for FAA grant funding; the Airport will apply for FAA grant.		
Other Agency Involvement		
Airport staff will work closely with FAA officials on changes to flight procedures, flight checks, publications and airfield markings and signage.		
Art Eligibility		
N/A		
Equity and Social Justice Impact		
No.		
Strategic Climate Action Plan Alignment		
Runway markings and chart updates – not Green Building applicable		
Operating Budget Impacts		
N/A		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

AD AIRFIELD ELECTRICAL SYSTEM

1129951

Department	TRANSPORTATION
Council District(s)	8
Fund	3380 AIRPORT CONSTRUCTION
Class Code	STANDALONE
Substantial Completion	12/31/2018
Location	7277 PERIMETER RD S, Seattle 98108
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/02/17 - 05/01/17	\$0	\$25,000	\$0	\$0	\$25,000
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design 06/01/17 - 12/01/17	\$0	\$55,000	\$0	\$0	\$55,000
4 Implementation 04/01/18 - 12/31/18	\$0	\$782,436	\$0	\$0	\$782,436
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$862,436	\$0	\$0	\$862,436

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
17275 - TRANSFERS IN	\$86,243	\$0	\$0	\$86,243
33123 - FAA	\$776,193	\$0	\$0	\$776,193
Total Revenue	\$862,436	\$0	\$0	\$862,436

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		AD AIRFIELD ELECTRICAL SYSTEM				1129951
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$25,000	\$0	\$0	\$25,000
2 Prelim Design	\$0		\$0	\$0	\$0	\$0
3 Final Design	\$0		\$55,000	\$0	\$0	\$55,000
4 Implementation	\$0		\$782,436	\$0	\$0	\$782,436
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$0		\$862,436	\$0	\$0	\$862,436

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$25,000	\$25,000	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$55,000	\$55,000	\$0
4 Implementation	\$0	\$782,436	\$782,436	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$862,436	\$862,436	\$0

NARRATIVES AD AIRFIELD ELECTRICAL SYSTEM 1129951

Current Scope

Airfield Electrical System - The most recent FAA Certification inspection identified a number of airfield electrical guidance signs that do not comply with current FAA standards, specifically related to their wiring. In general these signs are older, outdated models that are at the end of their useful lives and require replacement. It is not economical to replace their component parts. Base pedestals and electrical transformers also require replacement. A second component of the Airfield electrical project involves replacement of specific electrical distribution cabling circuits to improve airfield lighting system reliability. These circuits are nearing the end of their 15-20 year lifespan; monthly testing of insulation reading is showing a degradation trend of circuit integrity. This work will involve cable, transformer and regulator replacement, converting a portion of the airfield lighting system from incandescent to LED lighting, with anticipated energy savings.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	AD AIRFIELD ELECTRICAL SYSTEM	1129951
Project Justification		
This work aligns with Best Run Government – safety, as well as potential energy savings contributing to SCAP goals. The replacement work will provide for the continued reliable operation of the airfield lighting system. The work is required to maintain the Airport’s compliance with FAA regulations, in accordance with the details of its Airport Certification Manual.		
Budget Request Basis		
Budget request was prepared by Staff resources. This request is in response to an FAA recommendation from the 2016 Certification Inspection. Funding is required to maintain a safe reliable and compliant airfield lighting system that includes lighted guidance signage.		
Project Status		
N/A		
Alternatives Analysis		
Sign replacement was directed by FAA officials. Regular monitoring and measurement of the system identified continued degradation trend; cable distribution system replacement was identified as a single option to improve reliability. Pedestal and transformers will also be replaced, resulting in a compliant, energy efficient system.		
Funding and Revenue Discussion		
This project is eligible for FAA grant funding; Airport will apply for an FAA grant.		
Other Agency Involvement		
FAA has regulatory responsibility, per FAR Part 139. FAA also provides grant funding for this work.		
Art Eligibility		
N/A		
Equity and Social Justice Impact		
No.		
Strategic Climate Action Plan Alignment		
Sustainability in design and construction, waste stream reduction and parts recycling, and/or life cycle operating savings may be applicable. Specifically, the project is anticipated to reduce the airfield electrical energy consumption. An exact determination of savings has not been identified. We expect to do a Life Cycle Cost Analysis at 30% design and a Sustainable Infrastructure Scorecard.		
Operating Budget Impacts		
Not yet known.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

AD AIRPORT EMERGENT NEEDS

1129953

Department	TRANSPORTATION
Council District(s)	8
Fund	3380 AIRPORT CONSTRUCTION
Class Code	STANDALONE
Substantial Completion	12/31/2018
Location	7277 PERIMETER RD S, Seattle 98108
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation 01/01/17 - 12/31/27	\$0	\$500,000	\$100,000	\$100,000	\$700,000
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$500,000	\$100,000	\$100,000	\$700,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
17275 - TRANSFERS IN	\$500,000	\$100,000	\$100,000	\$700,000
Total Revenue	\$500,000	\$100,000	\$100,000	\$700,000

EXPENSE

AD AIRPORT EMERGENT NEEDS

1129953

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$0	\$0	\$0	\$0
2 Prelim Design	\$0		\$0	\$0	\$0	\$0
3 Final Design	\$0		\$0	\$0	\$0	\$0
4 Implementation	\$0		\$100,000	\$100,000	\$100,000	\$300,000
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$0		\$100,000	\$100,000	\$100,000	\$300,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$500,000	\$100,000	\$400,000
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$500,000	\$100,000	\$400,000

NARRATIVES

AD AIRPORT EMERGENT NEEDS

1129953

Current Scope

Airport Emergent Needs - Budget authority and contingent funds for emergent needs that may arise during the biennium.

Project Justification

Requesting Budget Authority and contingent funds for emergent needs that may arise during the biennium (if falling outside existing budget authority) so the Airport may respond to emergent needs without delay and allowing time to request full budget authority through Omnibus if further funds are needed.

Budget Request Basis

Estimate by Airport Finance in consultation with DOT CFO and PSB.

Project Status

N/A

Alternatives Analysis

N/A

Funding and Revenue Discussion

N/A

Other Agency Involvement

N/A

Art Eligibility

N/A

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	AD AIRPORT EMERGENT NEEDS	1129953
Equity and Social Justice Impact		
N/A		
Strategic Climate Action Plan Alignment		
Individual emergent needs projects will be evaluated if/as they occur.		
Operating Budget Impacts		
N/A		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

AD PERIMETER INTRUSION DET SYS

1129960

Department	TRANSPORTATION
Council District(s)	8
Fund	3380 AIRPORT CONSTRUCTION
Class Code	STANDALONE
Substantial Completion	12/31/2018
Location	7277 PERIMETER RD S, Seattle 98108
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design 01/01/17 - 04/30/17	\$0	\$185,803	\$0	\$0	\$185,803
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation 05/01/17 - 12/31/18	\$0	\$1,417,223	\$0	\$0	\$1,417,223
5 Closeout 09/01/18 - 12/31/18	\$0	\$48,500	\$0	\$0	\$48,500
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$1,651,526	\$0	\$0	\$1,651,526

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
17275 - TRANSFERS IN	\$1,651,526	\$0	\$0	\$1,651,526
Total Revenue	\$1,651,526	\$0	\$0	\$1,651,526

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		AD PERIMETER INTRUSION DET SYS				1129960
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$0	\$0	\$0	\$0
2 Prelim Design	\$0		\$185,803	\$0	\$0	\$185,803
3 Final Design	\$0		\$0	\$0	\$0	\$0
4 Implementation	\$0		\$1,417,223	\$0	\$0	\$1,417,223
5 Closeout	\$0		\$48,500	\$0	\$0	\$48,500
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$0		\$1,651,526	\$0	\$0	\$1,651,526

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$185,803	\$185,803	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$1,417,223	\$1,417,223	\$0
5 Closeout	\$0	\$48,500	\$48,500	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$1,651,526	\$1,651,526	\$0

NARRATIVES	AD PERIMETER INTRUSION DET SYS	1129960
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Current Scope

Perimeter Intrusion Detection System - Over the coming 6 months, KCIA will be engaged with KCIT project management and business analysis resources to identify its most pressing security and access control concerns, as well as technology and infrastructure projects necessary to mitigate attendant risks. KCIA and KCIT staffs expect that these investments will involve improvements to KCIA's gate access control software, lighting and video capabilities surrounding the Airport, and connectivity improvements throughout the grounds to enable these improvements. Specific investments, once identified, will require additional documentation and approval before more in-depth planning and implementation can begin.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

AD PERIMETER INTRUSION DET SYS

1129960

Project Justification

Securing the King County International Airport while providing the flexibility demanded by its core customers is of utmost priority. The Airport has begun a process to identify and improve its physical security through a number of projects and has also initiated a security working group comprised of tenant and stakeholders to address security concerns shared by all. The Airport conducted an independent security assessment last year that identified a lack of proper access control as a primary shortcoming in KCIA's security capabilities. Specifically, the Airport is unable to accurately identify the means vehicles and personnel have of accessing or leaving the secured airfield. Existing access control mechanisms and technology leverage only one method of authentication: generic PIN codes distributed via physical cards. These codes can be freely passed to unauthorized personnel and remain functional until KCIA updates PIN codes for all gates. In addition, because a number of gates are not connected to a local network, KCIA staff must manage access codes for these gates by interfacing with the access control system at each gate individually. This process is very time consuming and lessens the Airport's security effectiveness – especially if an immediate lock down is needed. This information shared with the working group is the foundation of common interest in ensuring security improvements are pursued now. The anticipated benefits of implementing the perimeter and intrusion detection system support the King Count International Airport's Strategic Plan (2014-2020) by providing and maintaining safe and secure transportation services and facilities for the King County flying public and aviation community. Without investment in this critical king county asset the basic security infrastructure is weakened and the airport's ability to partner with its current and future tenants could be jeopardized.

Budget Request Basis

KCIA is requesting budget to mitigate current security vulnerabilities and threats. The Perimeter Intrusion Detection System project will be a phased solution and builds on the already started and/or implemented security projects such as: condition assessment, barrier installation, fence and gate replacement, lighting design and technology security planning. Phase 1 of this project planned for January 2017 through April 2017 includes project startup activities, RFP creation and initial planning. Specific budget will be required for IT Project Management, Business Analyst, Network Engineering review, Contracts personnel and Prosecuting Attorney's Office for RFP review. Phase 2 of the project planned for May 2017 through December 2018 includes RFP finalization, contract negotiation, vendor selection activities, and vendor management during implementation. Specific budget requested is based on the KCIT 20187-2018 rate sheet information along with hardware and software estimates based on research of the proposed solution.

Project Status

NEW - Standalone

Alternatives Analysis

Three alternatives were considered for this project: 1) Alternative A – craft a security strategic plan that defines KCIA's security strengths and weaknesses, security vision, policies, procedures and potential projects along with resource and schedule estimates to achieve KCIA's security vision. The project then shifts to implementing these security projects. 2) Alternative B – Identify and fund each security project separately. This is a well-defined but more piecemeal approach lacking a strategic vision ultimately with higher associated costs. 3) Alternative C – do nothing. This no cost alternative does not invest in security planning and eliminating existing threats and vulnerabilities. It also exposes the County to high liability if a preventable incident were to occur and cause damage to this valuable asset. Alternative A is the chosen alternative. Conducting a comprehensive planning process with key Airport stakeholders and tenants will position KCIA to make informed security investments now and for the future. A portfolio approach is smart, cost-effective and strategic.

Funding and Revenue Discussion

N/A

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

AD PERIMETER INTRUSION DET SYS

1129960

Other Agency Involvement

Over the upcoming 6 months, KCIA will be engaged with KCIT project management and business analysis resources to identify its most pressing security and access control concerns, as well as identifying technology and infrastructure projects necessary to mitigate attendant risks. KCIA and KCIT staffs expect that these investments will involve improvements to KCIA's fencing and gate infrastructure, access control software and hardware, lighting and video capabilities surrounding the Airport, and connectivity improvements throughout the grounds to enable these improvements. In addition to KCIT and KCIA staff, Contracts, Procurement, Office of Risk Management and Office of Prosecuting Attorney will have necessary involvement in the execution of the perimeter intrusion detection system project.

Art Eligibility

No. PROJECT NOT VISIBLE TO THE PUBLIC.

Equity and Social Justice Impact

N/A (IT PROJECT)

Strategic Climate Action Plan Alignment

NA, IT Project

Operating Budget Impacts

Unknown at this time

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

AD AIRPORT GRANT CONTINGENCY

1130061

Department	TRANSPORTATION
Council District(s)	8
Fund	3380 AIRPORT CONSTRUCTION
Class Code	STANDALONE
Substantial Completion	12/31/2027
Location	7277 PERIMETER RD S, Seattle 98108
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation 01/02/17 - 12/31/27	\$0	\$1,000,000	\$200,000	\$200,000	\$1,400,000
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$1,000,000	\$200,000	\$200,000	\$1,400,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
17275 - TRANSFERS IN	\$1,000,000	\$200,000	\$200,000	\$1,400,000
Total Revenue	\$1,000,000	\$200,000	\$200,000	\$1,400,000

EXPENSE AD AIRPORT GRANT CONTINGENCY 1130061

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$0	\$0	\$0	\$0
2 Prelim Design	\$0		\$0	\$0	\$0	\$0
3 Final Design	\$0		\$0	\$0	\$0	\$0
4 Implementation	\$0		\$200,000	\$200,000	\$200,000	\$600,000
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$0		\$200,000	\$200,000	\$200,000	\$600,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$1,000,000	\$200,000	\$800,000
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$1,000,000	\$200,000	\$800,000

NARRATIVES

AD AIRPORT GRANT CONTINGENCY

1130061

Current Scope

Airport Grant Contingency - Budget Authority for the eventuality that we are awarded a grant for which we had not budgeted in advance of the biennium.

Project Justification

Contingency to permit the Airport to use grant monies awarded during the biennium in addition to those grants anticipated in the budget, to the maximum of the contingency amount. In the coming biennium the Airport plans to apply for four FAA grants totaling \$5.7 million and state environmental grants totaling \$0.1 million. This is similar to past period grant submittals and awards.

Budget Request Basis

Estimate by Airport Finance in consultation with DOT CFO and PSB.

Project Status

N/A

Alternatives Analysis

N/A

Funding and Revenue Discussion

N/A

Other Agency Involvement

N/A

Art Eligibility

N/A

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	AD AIRPORT GRANT CONTINGENCY	1130061
Equity and Social Justice Impact		
No.		
Strategic Climate Action Plan Alignment		
N/A		
Operating Budget Impacts		
N/A		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

AD CITYWORKS ADDL MODULES

1130186

Department	TRANSPORTATION
Council District(s)	8
Fund	3380 AIRPORT CONSTRUCTION
Class Code	STANDALONE
Substantial Completion	12/31/2026
Location	7277 PERIMETER RD S, Seattle 98108
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation 07/01/17 - 12/31/26	\$0	\$314,700	\$364,700	\$364,700	\$1,044,100
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$314,700	\$364,700	\$364,700	\$1,044,100

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
17275 - TRANSFERS IN	\$314,700	\$364,700	\$364,700	\$1,044,100
Total Revenue	\$314,700	\$364,700	\$364,700	\$1,044,100

EXPENSE

AD CITYWORKS ADDL MODULES

1130186

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$0	\$0	\$0	\$0
2 Prelim Design	\$0		\$0	\$0	\$0	\$0
3 Final Design	\$0		\$0	\$0	\$0	\$0
4 Implementation	\$0		\$314,700	\$364,700	\$364,700	\$1,044,100
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$0		\$314,700	\$364,700	\$364,700	\$1,044,100

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$314,700	\$314,700	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$314,700	\$314,700	\$0

NARRATIVES

AD CITYWORKS ADDL MODULES

1130186

Current Scope

Cityworks Additional Modules - This is a follow-on project to the IT implementation initiated in 2015 to convert from Maximo to Cityworks. KCIA is engaged with KCIT project management resources and an outside consultant to license, install, and activate additional modules for the increased efficiency and effectiveness to be gained from the collection and use of BIM airport data.

Project Justification

The Airport is seeking to optimize its use of the Cityworks technology in property management, following principles of Best Run Government in the most efficient and effective use of resources.

Budget Request Basis

The budget is provided by KCIT estimate, consultant estimate, and vendor license price.

Project Status

NEW - Standalone

Alternatives Analysis

N/A

Funding and Revenue Discussion

N/A

Other Agency Involvement

Over the upcoming 24 months, KCIA will be engaged with KCIT project management.

Art Eligibility

No. PROJECT NOT VISIBLE TO THE PUBLIC (IT)

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	AD CITYWORKS ADDL MODULES	1130186
Equity and Social Justice Impact		
N/A (IT PROJECT)		
Strategic Climate Action Plan Alignment		
N/A		
Operating Budget Impacts		
Unknown at this time.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status: Approved

DES FMD MMRF CONTINGENCY

1039688

Master Project, Art Eligible

Department	EXECUTIVE SERVICES
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3421 MJR MNTNCE RSRV SUB-FUND
Class Code	DES FMD MMRF CONTINGENCY
Substantial Completion	
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$65,948	\$0	\$0	\$0	\$65,948
2 Preliminary Design	\$3,742	\$0	\$0	\$0	\$3,742
3 Final Design	\$81,557	\$0	\$0	\$0	\$81,557
4 Implementation	\$2,192,431	\$323,008	\$0	\$0	\$2,515,439
5 Closeout	\$986	\$0	\$0	\$0	\$986
6 Acquisition	\$23	\$0	\$0	\$0	\$23
Total Budget	\$2,344,686	\$323,008	\$0	\$0	\$2,667,694

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
36999 - OTHER MISC REVENUE	\$323,008	\$0	\$0	\$323,008
Total Revenue	\$323,008	\$0	\$0	\$323,008

EXPENSE DES FMD MMRF CONTINGENCY 1039688

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$10,204		\$0	\$0	\$0	\$10,204
2 Prelim Design	\$2,504		\$0	\$0	\$0	\$2,504
3 Final Design	\$69,123		\$0	\$0	\$0	\$69,123
4 Implementation	\$1,738,747		\$0	\$0	\$0	\$1,738,747
5 Closeout	\$6,755		\$0	\$0	\$0	\$6,755
6 Acquisition	\$28,331		\$0	\$0	\$0	\$28,331
Total Expense	\$1,855,664		\$0	\$0	\$0	\$1,855,664

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$10,204	\$65,948	\$10,204
2 Preliminary Design	\$0	\$0	\$2,504	\$3,742	\$2,504
3 Final Design	\$0	\$0	\$69,123	\$81,557	\$69,123
4 Implementation	\$0	\$0	\$1,738,747	\$2,192,431	\$1,738,747
5 Closeout	\$0	\$0	\$6,755	\$986	\$6,755
6 Acquisition	\$0	\$0	\$28,331	\$23	\$28,331
Total	\$0	\$0	\$1,855,664	\$2,344,687	\$1,855,664

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$55,744	\$0	\$0	\$55,744
2 Preliminary Design	\$1,239	\$0	\$0	\$1,239
3 Final Design	\$12,434	\$0	\$0	\$12,434
4 Implementation	\$453,683	\$323,008	\$0	\$776,691
5 Closeout	(\$5,770)	\$0	\$0	(\$5,770)
6 Acquisition	(\$28,308)	\$0	\$0	(\$28,308)
Total	\$489,022	\$323,008	\$0	\$812,030

NARRATIVES

DES FMD MMRF CONTINGENCY

1039688

Current Scope

MMRF Emergent Need Contingency for Existing Projects

Project Justification

Budget Request Basis

Project Status

Alternatives Analysis

Funding and Revenue Discussion

Other Agency Involvement

Art Eligibility

Equity and Social Justice Impact

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	DES FMD MMRF CONTINGENCY	1039688
Strategic Climate Action Plan Alignment		
Operating Budget Impacts		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

DES FMD MMRF CAP PRJT OVSIGHT

1039756

Department	EXECUTIVE SERVICES
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3421 MJR MNTNCE RSRV SUB-FUND
Class Code	ADMIN
Substantial Completion	
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$1	\$0	\$0	\$0	\$1
2 Preliminary Design	\$1	\$0	\$0	\$0	\$1
3 Final Design	\$20,325	\$0	\$0	\$0	\$20,325
4 Implementation	\$32,226	\$11,838	\$0	\$0	\$44,064
5 Closeout	\$2	\$0	\$0	\$0	\$2
6 Acquisition	\$1	\$0	\$0	\$0	\$1
Total Budget	\$52,556	\$11,838	\$0	\$0	\$64,394

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
36999 - OTHER MISC REVENUE	\$11,838	\$0	\$0	\$11,838
Total Revenue	\$11,838	\$0	\$0	\$11,838

EXPENSE

DES FMD MMRF CAP PRJT OVSIGHT

1039756

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$18,515	\$0	\$0	\$0	\$0	\$18,515
4 Implementation	\$19,854	\$0	\$11,838	\$0	\$0	\$31,692
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$38,369	\$0	\$11,838	\$0	\$0	\$50,207

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$1	\$0
2 Preliminary Design	\$0	\$0	\$0	\$1	\$0
3 Final Design	\$0	\$0	\$18,515	\$20,325	\$18,515
4 Implementation	\$0	\$0	\$19,854	\$32,226	\$19,854
5 Closeout	\$0	\$0	\$0	\$2	\$0
6 Acquisition	\$0	\$0	\$0	\$1	\$0
Total	\$0	\$0	\$38,369	\$52,556	\$38,369

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$1	\$0	\$0	\$1
2 Preliminary Design	\$1	\$0	\$0	\$1
3 Final Design	\$1,810	\$0	\$0	\$1,810
4 Implementation	\$12,372	\$11,838	\$11,838	\$12,372
5 Closeout	\$2	\$0	\$0	\$2
6 Acquisition	\$1	\$0	\$0	\$1
Total	\$14,187	\$11,838	\$11,838	\$14,187

NARRATIVES

DES FMD MMRF CAP PRJT OVR SIGHT

1039756

Current Scope

King County Auditor Capital Project Oversight Allocation

Project Justification

Biennial contribution to Capital Project Oversight costs for Fund 3421.

Budget Request Basis

Project Status

Ongoing administrative project.

Alternatives Analysis

Funding and Revenue Discussion

Other Agency Involvement

Art Eligibility

NA

Equity and Social Justice Impact

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	DES FMD MMRF CAP PRJT OVSIGHT	1039756
Strategic Climate Action Plan Alignment		
Operating Budget Impacts		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

DES FMD AB HEAT GEN SYSTMS

1124124

Department	EXECUTIVE SERVICES
Council District(s)	8
Fund	3421 MJR MNTNCE RSRV SUB-FUND
Class Code	STANDALONE
Substantial Completion	
Location	500 Fourth AVE, Seattle 98104: Administration Building
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$3,113	\$0	\$0	\$0	\$3,113
2 Preliminary Design	\$6,874	\$14,860	\$0	\$0	\$21,734
3 Final Design	\$18,539	\$77,735	\$0	\$0	\$96,274
4 Implementation	\$90,712	\$801,362	\$0	\$0	\$892,074
5 Closeout	\$3,366	\$6,926	\$0	\$0	\$10,292
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$122,604	\$900,883	\$0	\$0	\$1,023,487

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
36999 - OTHER MISC REVENUE	\$900,883	\$0	\$0	\$900,883
Total Revenue	\$900,883	\$0	\$0	\$900,883

EXPENSE DES FMD AB HEAT GEN SYSTMS 1124124

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$209	\$2,904	\$0	\$0	\$0	\$3,113
2 Prelim Design	\$0	\$6,874	\$14,860	\$0	\$0	\$21,734
3 Final Design	\$0	\$18,539	\$77,735	\$0	\$0	\$96,274
4 Implementation	\$0	\$90,712	\$801,362	\$0	\$0	\$892,074
5 Closeout	\$0	\$3,366	\$6,926	\$0	\$0	\$10,292
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$209	\$122,395	\$900,883	\$0	\$0	\$1,023,487

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$209	\$3,113	\$3,113
2 Preliminary Design	\$0	\$0	\$0	\$6,874	\$6,874
3 Final Design	\$0	\$0	\$0	\$18,539	\$18,539
4 Implementation	\$0	\$0	\$0	\$90,712	\$90,712
5 Closeout	\$0	\$0	\$0	\$3,366	\$3,366
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$209	\$122,604	\$122,604

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$14,860	\$14,860	\$0
3 Final Design	\$0	\$77,735	\$77,735	\$0
4 Implementation	\$0	\$801,362	\$801,362	\$0
5 Closeout	\$0	\$6,926	\$6,926	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$900,883	\$900,883	\$0

NARRATIVES

DES FMD AB HEAT GEN SYSTMS

1124124

Current Scope

Administration Building Heat Generation System - This project will replace the primary heat exchangers and associated appurtenances in the Administration Building that provides the primary source of heat for domestic hot water and the building heating system.

Project Justification

- An indication of whether the project specifically and significantly addresses any of the following Strategic Initiatives:
Equity and Social Justice ? No
Strategic Climate Action Plan ? No
Best Run Government ? Yes

Problem: This building system was identified in the Facilities Management Division, Facility Condition assessment database as deficient or beyond its useful life. All deficiencies were ranked by a formula including building importance and condition, system importance and scheduled replacement factors. This problem rated in the top 10% of 1270 identified building deficiencies database. This project will mitigate system failure or life safety risks in this building.

Outcome: This project contributes to implementation of the MMRF program, by updating or replacing end of life building assets.

Linkages: This project supports adopted Real Estate Asset Management Plan by keeping the facility operational; and the KC Energy Plan or SCAP by reducing energy use; and the MMRF mandate to maintain King County's real estate assets.

Budget Request Basis

This budget is requested now to avert failure of the system in the near term. The project improves an important system in an occupied facility. The budget was determined by field verification of conditions and project scope and priced with current construction costs and uniform factors for design and administration of this type of project. The project budget will fund both design and construction.

Project Status

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Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

DES FMD AB HEAT GEN SYSTMS

1124124

Alternatives Analysis

The other alternative is to defer this project. This alternative will maintain the risk of system failure and likely increase the cost in the future. Because this budget repairs/replaces an important system in an occupied facility, this project is proposed to avert interruption of the Tenant agency's operations.

Funding and Revenue Discussion

Streamlined Rate

Other Agency Involvement

Internal Agencies: include DES/FMD.

External Agencies: Include Building and Fire or other jurisdictions having authority in KC facilities.

Art Eligibility

Not eligible due to 3) maintenance or minor rehabilitation.

Equity and Social Justice Impact

Major repairs to an existing building system is not expected to have an impact on the underserved communities. Ensuring the existing building remains operational will allow tenant agencies to continue to provide services to all demographics.

Strategic Climate Action Plan Alignment

LEED Certification: (Platinum)

Utility incentives/grants: (N/A)

Preliminary Green Building strategies: divert/recycle building materials, reduce energy, commissioning, use sustainable materials

Additional cost: \$0

Percent of total Project Cost: 0%

Operating Budget Impacts

Renewal of energy systems or repair of major deficiencies will likely improve/reduce operating and maintenance costs, but it is difficult to quantify at this stage of the project development.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

DES FMD KCCH SYS REVITALIZ

1124472

Art Eligible

Department	EXECUTIVE SERVICES
Council District(s)	8
Fund	3421 MJR MNTNCE RSRV SUB-FUND
Class Code	STANDALONE
Substantial Completion	
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$1,223,684	(\$500,000)	\$0	\$0	\$723,684
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$3,067	\$0	\$0	\$0	\$3,067
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$1,226,751	(\$500,000)	\$0	\$0	\$726,751

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
36999 - OTHER MISC REVENUE	(\$500,000)	\$0	\$0	(\$500,000)
Total Revenue	(\$500,000)	\$0	\$0	(\$500,000)

EXPENSE DES FMD KCCH SYS REVITALIZ 1124472

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$66,280		\$0	\$0	\$0	\$66,280
2 Prelim Design	\$14,211		\$0	\$0	\$0	\$14,211
3 Final Design	\$0		\$0	\$0	\$0	\$0
4 Implementation	\$5,812		\$0	\$0	\$0	\$5,812
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$86,302		\$0	\$0	\$0	\$86,302

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$66,280	\$1,223,684	\$66,280
2 Preliminary Design	\$0	\$0	\$14,211	\$0	\$14,211
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$5,812	\$3,067	\$5,812
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$86,303	\$1,226,751	\$86,303

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$1,157,404	(\$500,000)	\$0	\$657,404
2 Preliminary Design	(\$14,211)	\$0	\$0	(\$14,211)
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	(\$2,745)	\$0	\$0	(\$2,745)
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$1,140,448	(\$500,000)	\$0	\$640,448

NARRATIVES

DES FMD KCCH SYS REVITALIZ

1124472

Current Scope

King County Courthouse System Revitalization

Project Justification

Budget Request Basis

Disappropriation request for transfer of \$500k to Fund 3951 Building Repair and Replacement.

Project Status

Alternatives Analysis

Funding and Revenue Discussion

Other Agency Involvement

Art Eligibility

Equity and Social Justice Impact

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	DES FMD KCCH SYS REVITALIZ	1124472
Strategic Climate Action Plan Alignment		
Operating Budget Impacts		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

DES FMD MMRF QUICK RESPONSE

1124606

Art Eligible

Department	EXECUTIVE SERVICES
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3421 MJR MNTNCE RSRV SUB-FUND
Class Code	DES FMD MMRF CONTINGENCY
Substantial Completion	
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$53,276	\$100,000	\$0	\$0	\$153,276
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$53,276	\$100,000	\$0	\$0	\$153,276

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
36999 - OTHER MISC REVENUE	\$100,000	\$0	\$0	\$100,000
Total Revenue	\$100,000	\$0	\$0	\$100,000

EXPENSE DES FMD MMRF QUICK RESPONSE 1124606

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$0	\$0	\$0	\$0
2 Prelim Design	\$0		\$0	\$0	\$0	\$0
3 Final Design	\$0		\$0	\$0	\$0	\$0
4 Implementation	\$0		\$0	\$0	\$0	\$0
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$0		\$0	\$0	\$0	\$0

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$53,276	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$53,276	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$53,276	\$100,000	\$0	\$153,276
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$53,276	\$100,000	\$0	\$153,276

NARRATIVES

DES FMD MMRF QUICK RESPONSE

1124606

Current Scope

MMRF Quick Response Contingency

Project Justification

Budget Request Basis

Project Status

Alternatives Analysis

Funding and Revenue Discussion

Other Agency Involvement

Art Eligibility

Equity and Social Justice Impact

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

DES FMD MMRF QUICK RESPONSE

1124606

Strategic Climate Action Plan Alignment

Operating Budget Impacts

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

DES FMD AB REPL CHILLER CTRLS 1127248

Department	EXECUTIVE SERVICES
Council District(s)	8
Fund	3421 MJR MNTNCE RSRV SUB-FUND
Class Code	STANDALONE
Substantial Completion	
Location	500 Fourth Ave, Seattle 98104: DES FMD ADMIN BLDG REPLACE CHILLER CONTROLS
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$623	\$0	\$0	\$623
3 Final Design	\$0	\$4,452	\$0	\$0	\$4,452
4 Implementation	\$72,470	\$130,300	\$0	\$0	\$202,770
5 Closeout	\$0	\$1,698	\$0	\$0	\$1,698
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$72,470	\$137,073	\$0	\$0	\$209,543

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
36999 - OTHER MISC REVENUE	\$137,073	\$0	\$0	\$137,073
Total Revenue	\$137,073	\$0	\$0	\$137,073

EXPENSE DES FMD AB REPL CHILLER CTRLS 1127248

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$0	\$0	\$0	\$0
2 Prelim Design	\$0		\$623	\$0	\$0	\$623
3 Final Design	\$0		\$4,452	\$0	\$0	\$4,452
4 Implementation	\$0	\$72,470	\$130,300	\$0	\$0	\$202,770
5 Closeout	\$0		\$1,698	\$0	\$0	\$1,698
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$0	\$72,470	\$137,073	\$0	\$0	\$209,543

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$72,470	\$72,470
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$72,470	\$72,470

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$623	\$623	\$0
3 Final Design	\$0	\$4,452	\$4,452	\$0
4 Implementation	\$0	\$130,300	\$130,300	\$0
5 Closeout	\$0	\$1,698	\$1,698	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$137,073	\$137,073	\$0

NARRATIVES

DES FMD AB REPL CHILLER CTRLS

1127248

Current Scope

Administration Building Replace Chiller Controls - This project will upgrade the building control system on the Admin Bldg chillers including the installation of variable frequency drives (VFD's). The current chillers are currently being run inefficiently by sending them a false load signal that prevents them from short cycling on and off. Installation of the VFD' will prevent this and lengthen the life of the chillers.

Project Justification

- An indication of whether the project specifically and significantly addresses any of the following Strategic Initiatives:
Equity and Social Justice ? No
Strategic Climate Action Plan ? No
Best Run Government ? Yes

Problem: This building system was identified in the Facility Condition survey as deficient or beyond its useful life. All deficiencies were ranked by a formula including building importance and condition, system importance and scheduled replacement factors. This problem rated in the top 10% of 1270 projects. This project will mitigate system failure or life safety risks in this building.

Outcome: This project contributes to implementation of the MMRF program, by updating or replacing end of life building assets.

Linkages: This project supports adopted Real Estate Asset Management Plan by keeping the facility operational; and the KC Energy Plan or SCAP by reducing energy use; and the MMRF mandate to maintain King County's real estate assets.

Budget Request Basis

This budget is requested now to avert failure of the system in the near term. The project improves a critical system in a high risk facility. The budget was determined by field verification of conditions and project scope and priced with current construction costs and uniform factors for design and administration of this type of project.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	DES FMD AB REPL CHILLER CTRLS	1127248
Project Status		
Design is under way and additional funds are required in order to implement the appropriate work needed.		
Alternatives Analysis		
Funding and Revenue Discussion		
Streamlined Rate		
Other Agency Involvement		
Internal Agencies: DES/FMD. External Agencies: Building and Fire or other jurisdictions having authority in KC facilities.		
Art Eligibility		
Not eligible due to 3) maintenance or minor rehabilitation.		
Equity and Social Justice Impact		
Major repairs to deficient building systems is expected to improve the experience of County buildings for all demographics.		
Strategic Climate Action Plan Alignment		
Scorecard Certification: Platinum Utility incentives/grants: Possibly. Consulting with Seattle City Light. Preliminary Green Building strategies: divert/recycle building materials, reduce energy, commissioning, use sustainable materials Additional cost: \$0 Percent of total Project Cost: 0%		
Operating Budget Impacts		
Renewal of energy systems or repair of major deficiencies will reduce operating and maintenance costs. This project may be eligible for possible rebates from City Light.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

DES FMD 24/7 FACILITY GROUP

1129710

Master Project, Green Building Reporting

Department	EXECUTIVE SERVICES
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3421 MJR MNTNCE RSRV SUB-FUND
Class Code	DES FMD 24/7 FACILITY GROUP
Substantial Completion	12/30/2018
Location	DES FMD 24/7 FACILITY GROUP-MAJOR REPAIR AND RENEWAL OF BLDG. SYSTEMS
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/02/17 - 12/30/18	\$17,510	\$0	\$0	\$0	\$17,510
2 Preliminary Design 01/02/17 - 12/30/18	\$4,356	\$0	\$0	\$0	\$4,356
3 Final Design 01/02/17 - 12/30/18	\$48,703	\$0	\$0	\$0	\$48,703
4 Implementation 01/02/17 - 12/30/18	\$766,412	\$5,919,505	\$0	\$0	\$6,685,917
5 Closeout 01/02/17 - 12/30/18	\$6,845	\$0	\$0	\$0	\$6,845
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$843,826	\$5,919,505	\$0	\$0	\$6,763,331

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
36999 - OTHER MISC REVENUE	\$5,919,505	\$0	\$0	\$5,919,505
Total Revenue	\$5,919,505	\$0	\$0	\$5,919,505

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		DES FMD 24/7 FACILITY GROUP					1129710
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense	
1 Planning	\$0		\$0	\$0	\$0	\$0	
2 Prelim Design	\$0		\$0	\$0	\$0	\$0	
3 Final Design	\$0		\$0	\$0	\$0	\$0	
4 Implementation	\$0		\$0	\$0	\$0	\$0	
5 Closeout	\$0		\$0	\$0	\$0	\$0	
6 Acquisition	\$0		\$0	\$0	\$0	\$0	
Total Expense	\$0		\$0	\$0	\$0	\$0	

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$17,510	\$0
2 Preliminary Design	\$0	\$0	\$0	\$4,356	\$0
3 Final Design	\$0	\$0	\$0	\$48,703	\$0
4 Implementation	\$0	\$0	\$0	\$766,412	\$0
5 Closeout	\$0	\$0	\$0	\$6,845	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$843,826	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$17,510	\$0	\$0	\$17,510
2 Preliminary Design	\$4,356	\$0	\$0	\$4,356
3 Final Design	\$48,703	\$0	\$0	\$48,703
4 Implementation	\$766,412	\$5,919,505	\$0	\$6,685,917
5 Closeout	\$6,845	\$0	\$0	\$6,845
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$843,826	\$5,919,505	\$0	\$6,763,331

NARRATIVES	DES FMD 24/7 FACILITY GROUP	1129710
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Current Scope

24/7 Facility Group Master Project - This programmatic project will fund major maintenance repairs to FMD's 24/7 Facility Group. This group includes the Maleng Regional Justice Center (courthouse and detention center) , King County Correctional Facility (KCCF), Regional Communication and Emergency Coordination Center (RCECC, and the Ravensdale Shooting Range Typical major maintenance will include either repair or replacement of major building systems: Exterior Enclosure, Interior Construction, Elevators, Mechanical, Electrical, Superstructure, and Foundations. These building systems were identified in the Facilities Management Division, Facility Condition Assessment as deficient or beyond their useful life. All of the identified projects proposed for the program were ranked in the top 10% of 1270 building deficiencies based on a formula that included building importance and condition, system importance and scheduled replacement factors as the primary criteria.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

DES FMD 24/7 FACILITY GROUP

1129710

Project Justification

- A clear problem statement indicating what problem the project/program is trying to address

PROBLEM: This programmatic project is a 2017 pilot program to demonstrate efficiencies in programmatic project planning, budget management and reporting. It is in response to 2014 Council audit recommendation that called for a revised budget structure to address inefficiencies of phased (design and construction) projects and inflexible project budgeting.

- Expected outcomes, identifying the impacts of the project/program

This project implements the MMRF program for the 24/7 Facilities Group, by updating or replacing end of life building assets. As subprojects are designed and procured, budget revisions will allow work to proceed without delay and will be reported annually. Additional subprojects may be implemented with surplus budget from completed projects. Similarly if subproject phasing becomes necessary due to technical, political, programmatic or code revisions, programmatic reporting will allow phase-one work to proceed and later phases can be funded through normal processes. Reporting the program performance will be done on the Master project saving duplication of this effort 18 times.

- Linkages to strategic plans, the King County Energy Plan or Strategic Climate Action Plan, and other applicable plans

This project supports adopted Real Estate Asset Management Plan by keeping the facility operational; and the KC Energy Plan or SCAP by reducing energy use; and the MMRF mandate to maintain King County's real estate assets.

- An indication of whether the project specifically and significantly addresses any of the following Strategic Initiatives:

Equity and Social Justice ? No

Strategic Climate Action Plan ? Yes

Best Run Government ? Yes

- Applicable regulatory requirements, legal mandates, and audit findings

This Programmatic project is in response to 2014 Council audit recommendation that called for a revised budget structure to address inefficiencies of phased (design and construction) projects and inflexible project budgeting.

- Risks of not implementing the project, including risks to the county, the department, constituents, employees, and others

FMD considers this program a low-risk pilot project to create efficiencies in managing and reporting multiple maintenance subprojects in a few facilities. Administrative costs will decrease to provide more dollars for tangible results.

Budget Request Basis

The budget was determined by field verification of conditions and project scope and priced with current construction costs and uniform factors for design and administration of this type of project. The project budget will fund design and construction of 18 subprojects in the critical 24/7 facilities group.

Project Status

This is a new programmatic project in response to 2014 Council audit recommendation that called for a revised budget structure to address inefficiencies of phased (design and construction) projects and inflexible project budgeting. Existing 24/7 MMR projects have been completed or are underway. Current standalone projects in 24/7 facilities will be reported regularly in the administration of this pilot program project.

Alternatives Analysis

N/A

Funding and Revenue Discussion

Streamlined Rate

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

DES FMD 24/7 FACILITY GROUP

1129710

Other Agency Involvement

Internal Agencies; include DES/FMD with minor coordination with Tenant agency.
External Agencies; Include Building and Fire or other jurisdictions having authority in KC facilities.

Art Eligibility

Not eligible due to 3) maintenance or minor rehabilitation.

Equity and Social Justice Impact

Major repairs to an existing building system is not expected to have an impact on the underserved communities. Ensuring the existing building remains operational will allow tenant agencies to continue to provide services to all demographics.

Strategic Climate Action Plan Alignment

- The planned LEED/Scorecard certification to be achieved for the project.
All FMD projects target scorecard platinum.
- Utility incentives and/or grants (type and estimated amount) being used to support energy or water efficiency elements of the project.
Grants and incentives will be identified as part of subprojects planning phase.
- Planned or employed green building and sustainable development strategies in this project/applicable subprojects.
Refer to sub project estimate sheet 'scorecard' for green building strategies. Typical strategy includes recycled content material, low emitting material, local sourcing, waste diversion and reduced energy demand.
- Additional costs (in \$) in the 0 to 2% Green Building budget category (see budget instructions for category descriptions) associated with achieving LEED or scorecard certification .
- Percent the additional costs represent of either the total standalone project cost or of the total programmatic project budget
2% of each of the subproject budgets is for scorecard platinum documentation.

Operating Budget Impacts

Renewal of energy systems or repair of major deficiencies will likely improve/reduce operating and maintenance costs, but it is difficult to quantify at this stage of the project development. Energy savings evaluation is part of any HVAC or Lighting preliminary design phase.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

DES FMD ARV D4010 FIRE/SPRINK

1129770

Department	EXECUTIVE SERVICES
Council District(s)	8
Fund	3421 MJR MNTNCE RSRV SUB-FUND
Class Code	STANDALONE
Substantial Completion	
Location	1215 E Fir St, Seattle 98122: DES FMD ARCHIVES BUILDING D4010 FIRE PROTECTION SPRINKLER SYSTEM
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/02/17 - 12/30/18	\$0	\$3,939	\$0	\$0	\$3,939
2 Preliminary Design 01/02/17 - 12/30/18	\$0	\$31,042	\$0	\$0	\$31,042
3 Final Design 01/02/17 - 12/30/18	\$0	\$129,569	\$0	\$0	\$129,569
4 Implementation 01/02/17 - 12/30/18	\$0	\$1,274,352	\$0	\$0	\$1,274,352
5 Closeout 01/02/17 - 12/30/18	\$0	\$8,459	\$0	\$0	\$8,459
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$1,447,361	\$0	\$0	\$1,447,361

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
36999 - OTHER MISC REVENUE	\$1,447,361	\$0	\$0	\$1,447,361
Total Revenue	\$1,447,361	\$0	\$0	\$1,447,361

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		DES FMD ARV D4010 FIRE/SPRINK				1129770
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$3,939	\$0	\$0	\$3,939
2 Prelim Design	\$0		\$31,042	\$0	\$0	\$31,042
3 Final Design	\$0		\$129,569	\$0	\$0	\$129,569
4 Implementation	\$0		\$1,274,352	\$0	\$0	\$1,274,352
5 Closeout	\$0		\$8,459	\$0	\$0	\$8,459
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$0		\$1,447,361	\$0	\$0	\$1,447,361

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$3,939	\$3,939	\$0
2 Preliminary Design	\$0	\$31,042	\$31,042	\$0
3 Final Design	\$0	\$129,569	\$129,569	\$0
4 Implementation	\$0	\$1,274,352	\$1,274,352	\$0
5 Closeout	\$0	\$8,459	\$8,459	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$1,447,361	\$1,447,361	\$0

NARRATIVES DES FMD ARV D4010 FIRE/SPRINK 1129770

Current Scope

Archives Building Fire Protection Sprinkler System - This project will change the existing sprinkler system to a pre-action system (dry) and separate the sprinkler main from the Records Bldg. The existing wet system is inappropriate for a record storate facility.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

DES FMD ARV D4010 FIRE/SPRINK

1129770

Project Justification

- An indication of whether the project specifically and significantly addresses any of the following Strategic Initiatives:
Equity and Social Justice ? No
Strategic Climate Action Plan ? No
Best Run Government ? Yes

Problem: This building system was identified in the Facilities Management Division, Facility Condition database as deficient or beyond its useful life. All deficiencies were ranked by a formula including building importance and condition, system importance and scheduled replacement factors. This problem rated in the top 10% of 1270 building deficiencies. This project will mitigate system failure or life safety risks in this building.

Outcome: This project contributes to implementation of the MMRF program, by updating or replacing end of life building assets.

Linkages: This project supports adopted Real Estate Asset Management Plan by keeping the facility operational; and the KC Energy Plan or SCAP by reducing energy use; and the MMRF mandate to maintain King County's real estate assets.

Budget Request Basis

This budget is requested now to avert failure of the system in the near term. The project improves an important system in an occupied facility. The budget was determined by field verification of conditions and project scope and priced with current construction costs and uniform factors for design and administration of this type of project. The project budget will fund both design and construction.

Project Status

New Project N/A

Alternatives Analysis

The other alternative is to defer this project. This alternative will maintain the risk of system failure and likely increase the cost in the future. Because this budget repairs/replaces an important system in an occupied facility, this project is proposed to avert interruption of the Tenant agency's operations.

Funding and Revenue Discussion

Streamlined Rate

Other Agency Involvement

Internal Agencies: include DES/FMD.

External Agencies: Include Building and Fire or other jurisdictions having authority in KC facilities.

Art Eligibility

Not eligible due to 3) maintenance or minor rehabilitation.

Equity and Social Justice Impact

Major repairs to an existing building system is not expected to have an impact on the under served communities. Ensuring the existing building remains operational will allow tenant agencies to continue to provide services to all demographics.

Strategic Climate Action Plan Alignment

LEED Certification: (Platinum)

Utility incentives/grants: (insert \$ if applicable) (N/A)

Preliminary Green Building strategies: divert/recycle building materials, reduce energy, commissioning, use sustainable materials

Additional cost: \$0

Percent of total Project Cost: 0%

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

DES FMD ARV D4010 FIRE/SPRINK

1129770

Operating Budget Impacts

Renewal of energy systems or repair of major deficiencies will likely improve/reduce operating and maintenance costs, but it is difficult to quantify at this stage of the project development.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

DES FMD DIS NE D5010 ELEC/DIST

1129771

Department	EXECUTIVE SERVICES
Council District(s)	6
Fund	3421 MJR MNTNCE RSRV SUB-FUND
Class Code	STANDALONE
Substantial Completion	06/30/2017
Location	8601 160th AVE NE, Redmond 98052: DES FMD DIST. CT. N.E. D5010 ELECTRICAL SERVICE AND DISTRIBUTION
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/01/17 - 02/28/17	\$0	\$5,437	\$0	\$0	\$5,437
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design 03/01/17 - 04/30/17	\$0	\$27,589	\$0	\$0	\$27,589
4 Implementation 05/17/17 - 06/30/17	\$0	\$100,711	\$0	\$0	\$100,711
5 Closeout 07/01/17 - 07/31/17	\$0	\$455	\$0	\$0	\$455
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$134,192	\$0	\$0	\$134,192

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
36999 - OTHER MISC REVENUE	\$134,192	\$0	\$0	\$134,192
Total Revenue	\$134,192	\$0	\$0	\$134,192

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		DES FMD DIS NE D5010 ELEC/DIST				1129771
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$5,437	\$0	\$0	\$5,437
2 Prelim Design	\$0		\$0	\$0	\$0	\$0
3 Final Design	\$0		\$27,589	\$0	\$0	\$27,589
4 Implementation	\$0		\$100,711	\$0	\$0	\$100,711
5 Closeout	\$0		\$455	\$0	\$0	\$455
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$0		\$134,192	\$0	\$0	\$134,192

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$5,437	\$5,437	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$27,589	\$27,589	\$0
4 Implementation	\$0	\$100,711	\$100,711	\$0
5 Closeout	\$0	\$455	\$455	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$134,192	\$134,192	\$0

NARRATIVES DES FMD DIS NE D5010 ELEC/DIST 1129771

Current Scope

Northeast District Court Electrical Service and Distribution - This project will test and repair known electrical deficiencies, and plan for other upgrades and replacements of the electrical system at the NE District Court. The specific scope of work includes: 1) Perform IR scanning (infrared) to locate hot spots due to worn or loose components; 2) Replace existing central inverter system for exit lighting, replace existing aged transformer, and other incidental repairs; 3) Retain Electrical engineering consultant to synthesize the IR report and recommend further scope of work repairs.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

DES FMD DIS NE D5010 ELEC/DIST

1129771

Project Justification

- An indication of whether the project specifically and significantly addresses any of the following Strategic Initiatives:
Equity and Social Justice ? No
Strategic Climate Action Plan ? No
Best Run Government ? Yes

Problem: This building system was identified in the Facilities Management Division, Facility Condition database as deficient or beyond its useful life. All deficiencies were ranked by a formula including building importance and condition, system importance and scheduled replacement factors. This problem rated in the top 10% of 1270 building deficiencies. This project will mitigate system failure or life safety risks in this building.

Outcome: This project contributes to implementation of the MMRF program, by updating or replacing end of life building assets.

Linkages: This project supports adopted Real Estate Asset Management Plan by keeping the facility operational; and the KC Energy Plan or SCAP by reducing energy use; and the MMRF mandate to maintain King County's real estate assets.

Budget Request Basis

This budget is requested now to avert failure of the system in the near term. The project improves an important system in an occupied facility. The budget was determined by field verification of conditions and project scope and priced with current construction costs and uniform factors for design and administration of this type of project. The project budget will fund both design and construction.

Project Status

New Project N/A

Alternatives Analysis

The other alternative is to defer this project. This alternative will maintain the risk of system failure and likely increase the cost in the future. Because this budget repairs/replaces an important system in an occupied facility, this project is proposed to avert interruption of the Tenant agency's operations.

Funding and Revenue Discussion

Streamlined Rate

Other Agency Involvement

Internal Agencies; include DES/FMD with minor coordination with Tenant agency.

External Agencies; Include Building and Fire or other jurisdictions having authority in KC facilities.

Art Eligibility

Not eligible due to 3) maintenance or minor rehabilitation.

Equity and Social Justice Impact

Major repairs to an existing building system is not expected to have an impact on the underserved communities. Ensuring the existing building remains operational will allow tenant agencies to continue to provide services to all demographics.

Strategic Climate Action Plan Alignment

LEED Certification: (Platinum)

Utility incentives/grants: (insert \$ if applicable) (N/A)

Preliminary Green Building strategies: divert/recycle building materials, reduce energy, commissioning, use sustainable materials

Additional cost: \$0

Percent of total Project Cost: 0%

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	DES FMD DIS NE D5010 ELEC/DIST	1129771
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Operating Budget Impacts
Renewal of energy systems or repair of major deficiencies will likely improve/reduce operating and maintenance costs, but it is difficult to quantify at this stage of the project development.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

DES FMD PBDEO D3050 TP UNITS

1129774

Department	EXECUTIVE SERVICES
Council District(s)	8
Fund	3421 MJR MNTNCE RSRV SUB-FUND
Class Code	STANDALONE
Substantial Completion	
Location	4623 7th AVE S, Seattle 98108: DES FMD POLICE BARCLAY DEAN EVIDENCE OFFICE D3050 TERMINAL AND PACKAGE UNITS
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 10/01/17 - 11/30/17	\$0	\$10,229	\$0	\$0	\$10,229
2 Preliminary Design 12/01/17 - 12/31/17	\$0	\$22,971	\$0	\$0	\$22,971
3 Final Design 01/01/18 - 04/30/18	\$0	\$92,163	\$0	\$0	\$92,163
4 Implementation 05/01/18 - 07/31/18	\$0	\$906,733	\$0	\$0	\$906,733
5 Closeout 08/01/18 - 10/31/18	\$0	\$11,035	\$0	\$0	\$11,035
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$1,043,131	\$0	\$0	\$1,043,131

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
36999 - OTHER MISC REVENUE	\$1,043,131	\$0	\$0	\$1,043,131
Total Revenue	\$1,043,131	\$0	\$0	\$1,043,131

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		DES FMD PBDEO D3050 TP UNITS				1129774
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$10,229	\$0	\$0	\$10,229
2 Prelim Design	\$0		\$22,971	\$0	\$0	\$22,971
3 Final Design	\$0		\$92,163	\$0	\$0	\$92,163
4 Implementation	\$0		\$906,733	\$0	\$0	\$906,733
5 Closeout	\$0		\$11,035	\$0	\$0	\$11,035
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$0		\$1,043,131	\$0	\$0	\$1,043,131

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$10,229	\$10,229	\$0
2 Preliminary Design	\$0	\$22,971	\$22,971	\$0
3 Final Design	\$0	\$92,163	\$92,163	\$0
4 Implementation	\$0	\$906,733	\$906,733	\$0
5 Closeout	\$0	\$11,035	\$11,035	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$1,043,131	\$1,043,131	\$0

NARRATIVES DES FMD PBDEO D3050 TP UNITS 1129774

Current Scope

Barclay Dean Building Terminal and Package Units - This project will replace rooftop HVAC units at the Barclay Dean building that have exceeded their life span. The scope of work will include the removal of 5 existing rooftop HVAC units that are past their expected life span and replaced with high efficiency RTUs. Additional work will include testing, adjusting, and balancing after new units are installed and commissioned.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

DES FMD PBDEO D3050 TP UNITS

1129774

Project Justification

- An indication of whether the project specifically and significantly addresses any of the following Strategic Initiatives:
Equity and Social Justice ? No
Strategic Climate Action Plan ? Yes
Best Run Government ? Yes

Problem: This building system was identified in the Facility Condition database as beyond its useful life. All deficiencies were ranked by a formula including building importance and condition, system importance and scheduled replacement factors. This problem rated in the top 10% of 1270 projects. This project will mitigate system failure in this building.

Outcome: This project contributes to implementation of the MMRF program, by updating or replacing end of life building assets.

Linkages: This project supports adopted Real Estate Asset Management Plan by keeping the facility operational; the KC SCAP by reducing energy use; and the MMRF mandate to maintain King County's real estate assets.

Budget Request Basis

This budget is requested now to avert failure of the system in the near term. The budget was determined by field verification of conditions and project scope and priced with current construction costs and uniform factors for design and administration of this type of project.

Project Status

New Project N/A

Alternatives Analysis

This budget will identify alternatives to repair a known deficiency. The alternative to defer this project, will maintain the risk of system failure. Because this budget repairs a critical system, this project is proposed to avert interruption of the Tenant agency's operational program.

Funding and Revenue Discussion

Streamlined Rate

Other Agency Involvement

Internal Agencies; include DES/FMD with coordination with Tenant agency.

External Agencies; Include Building and Fire or other jurisdictions having authority in KC facilities.

Art Eligibility

Not eligible due to 3) maintenance or minor rehabilitation.

Equity and Social Justice Impact

Major repairs to deficient building systems is expected to improve the experience of County buildings for all demographics.

Strategic Climate Action Plan Alignment

This project is not LEED-eligible but will strive for the platinum rating on the Sustainable Infrastructure Scorecard. This project will also seek utility incentives for increased energy efficiency and will recycle the old units. There should not be an increase in cost associated with achieving scorecard platinum.

Operating Budget Impacts

Renewal of energy systems or repair of major deficiencies will reduce operating and maintenance costs. The design phase of this project will estimate the cost impacts.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

DES FMD PBDEW D5010 ELE/DIST

1129776

Department	EXECUTIVE SERVICES
Council District(s)	8
Fund	3421 MJR MNTNCE RSRV SUB-FUND
Class Code	STANDALONE
Substantial Completion	
Location	4623 7th AVE S, Seattle 98108: DES FMD POLICE BARCLAY DEAN EVIDENCE WHSE D5010 ELECTRICAL AND DISTRIBUTION
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 02/01/17 - 03/31/17	\$0	\$9,081	\$0	\$0	\$9,081
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design 04/01/17 - 05/31/17	\$0	\$30,412	\$0	\$0	\$30,412
4 Implementation 06/01/17 - 08/31/17	\$0	\$170,931	\$0	\$0	\$170,931
5 Closeout 09/01/17 - 10/31/17	\$0	\$7,694	\$0	\$0	\$7,694
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$218,118	\$0	\$0	\$218,118

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
36999 - OTHER MISC REVENUE	\$218,118	\$0	\$0	\$218,118
Total Revenue	\$218,118	\$0	\$0	\$218,118

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		DES FMD PBDEW D5010 ELE/DIST				1129776
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$9,081	\$0	\$0	\$9,081
2 Prelim Design	\$0		\$0	\$0	\$0	\$0
3 Final Design	\$0		\$30,412	\$0	\$0	\$30,412
4 Implementation	\$0		\$170,931	\$0	\$0	\$170,931
5 Closeout	\$0		\$7,694	\$0	\$0	\$7,694
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$0		\$218,118	\$0	\$0	\$218,118

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$9,081	\$9,081	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$30,412	\$30,412	\$0
4 Implementation	\$0	\$170,931	\$170,931	\$0
5 Closeout	\$0	\$7,694	\$7,694	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$218,118	\$218,118	\$0

NARRATIVES DES FMD PBDEW D5010 ELE/DIST 1129776

Current Scope

Barclay Dean Building Electrical and Distribution - This project will repair Deficiencies in electrical subsystem in Police Barclay Dean Evidence storage building: 1) Replace existing Main Distribution Panel, 2) Install new battery-back egress and exit lighting, 3) Replace existing plastic multi-outlet strips serving security and HVAC controls plug in low voltage transformers with permanent receptacles and straps to keep plugs in place, 4) Load test generator and provide any required maintenance, verify battery charger is functioning properly, replace if required, verify generator cover is not leaking from rust areas.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

DES FMD PBDEW D5010 ELE/DIST

1129776

Project Justification

- An indication of whether the project specifically and significantly addresses any of the following Strategic Initiatives:

Equity and Social Justice ? No

Strategic Climate Action Plan ? No

Best Run Government ? Yes

Problem: This building system was identified in the Facilities Management Division, Facility Condition survey as deficient or beyond it's useful life. All deficiencies were ranked by a formula including building importance and condition, system importance and scheduled replacement factors. This problem rated in the top 10% of 1270 building deficiencies. This project will mitigate system failure or life safety risks in this building.

Outcome: This project contributes to implementation of the MMRF program, by updating or replacing end of life building assets.

Linkages: This project supports adopted Real Estate Asset Management Plan by keeping the facility operational; and the KC Energy Plan or SCAP by reducing energy use; and the MMRF mandate to maintain King County's real estate assets.

Budget Request Basis

This budget is requested now to avert failure of the system in the near term. The project improves an important system in an occupied facility. The budget was determined by field verification of conditions and project scope and priced with current construction costs and uniform factors for design and administration of this type of project. The project budget will fund both design and construction.

Project Status

New Project N/A

Alternatives Analysis

The other alternative is to defer this project. This alternative will maintain the risk of system failure and likely increase the cost in the future. Because this budget repairs/replaces an important system in an occupied facility, this project is proposed to avert interruption of the Tenant agency's operations.

Funding and Revenue Discussion

Streamlined Rate

Other Agency Involvement

Internal Agencies; include DES/FMD with minor coordination with Tenant agency.

External Agencies; None.

Art Eligibility

Not eligible due to 3) maintenance or minor rehabilitation.

Equity and Social Justice Impact

Major repairs to an existing building system is not expected to have an impact on the under served communities. Ensuring the existing building remains operational will allow tenant agencies to continue to provide services to all demographics.

Strategic Climate Action Plan Alignment

LEED Certification: (Platinum) (Gold), (N/A)

Utility incentives/grants: (insert \$ if applicable) (N/A)

Preliminary Green Building strategies: divert/recycle building materials, reduce energy, commissioning, use sustainable materials

Additional cost: \$0

Percent of total Project Cost: 0%

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

DES FMD PBDEW D5010 ELE/DIST

1129776

Operating Budget Impacts

Renewal of energy systems or repair of major deficiencies will likely improve/reduce operating and maintenance costs, but it is difficult to quantify at this stage of the project development.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

DES FMD P#4 BUR D5010 ELE/DIST

1129784

Department	EXECUTIVE SERVICES
Council District(s)	8
Fund	3421 MJR MNTNCE RSRV SUB-FUND
Class Code	STANDALONE
Substantial Completion	
Location	601 SW 149th ST, Burien 98166: DES FMD POLICE PREC. #4 BURIEN D5010 ELECTRICAL SERVICE AND DISTRIBUTION
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$5,908	\$0	\$0	\$5,908
2 Preliminary Design	\$0	\$13,901	\$0	\$0	\$13,901
3 Final Design	\$0	\$53,336	\$0	\$0	\$53,336
4 Implementation	\$0	\$349,439	\$0	\$0	\$349,439
5 Closeout	\$0	\$3,083	\$0	\$0	\$3,083
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$425,667	\$0	\$0	\$425,667

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
36999 - OTHER MISC REVENUE	\$425,667	\$0	\$0	\$425,667
Total Revenue	\$425,667	\$0	\$0	\$425,667

EXPENSE

DES FMD P#4 BUR D5010 ELE/DIST

1129784

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$5,908	\$0	\$0	\$5,908
2 Prelim Design	\$0		\$13,901	\$0	\$0	\$13,901
3 Final Design	\$0		\$53,336	\$0	\$0	\$53,336
4 Implementation	\$0		\$349,439	\$0	\$0	\$349,439
5 Closeout	\$0		\$3,083	\$0	\$0	\$3,083
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$0		\$425,667	\$0	\$0	\$425,667

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$5,908	\$5,908	\$0
2 Preliminary Design	\$0	\$13,901	\$13,901	\$0
3 Final Design	\$0	\$53,336	\$53,336	\$0
4 Implementation	\$0	\$349,439	\$349,439	\$0
5 Closeout	\$0	\$3,083	\$3,083	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$425,667	\$425,667	\$0

NARRATIVES

DES FMD P#4 BUR D5010 ELE/DIST

1129784

Current Scope

Precinct #4 Burien Electrical Service and Distribution - This project will replace the 800A primary service panel, the 200A distribution panel, and 75kVA transformer at the Burien facility that includes the police precinct (1st floor) and district court (2nd floor).

Project Justification

- An indication of whether the project specifically and significantly addresses any of the following Strategic Initiatives:
Equity and Social Justice ? No
Strategic Climate Action Plan ? Yes
Best Run Government ? Yes

Problem: This building system was identified in the Facilities Management Division, Facility Condition database as deficient or beyond its useful life. All deficiencies were ranked by a formula including building importance and condition, system importance and scheduled replacement factors. This problem rated in the top 10% of 1270 building deficiencies. This project will mitigate system failure or life safety risks in this building.

Outcome: This project contributes to implementation of the MMRF program, by updating or replacing end of life building assets.

Linkages: This project supports adopted Real Estate Asset Management Plan by keeping the facility operational; and the KC Energy Plan or SCAP by reducing energy use; and the MMRF mandate to maintain King County's real estate assets.

Budget Request Basis

This budget is requested now to avert failure of the system in the near term. The project improves an important system in an occupied facility. The budget was determined by field verification of conditions and project scope and priced with current construction costs and uniform factors for design and administration of this type of project. The project budget will fund both design and construction.

Project Status

New Project N/A

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

DES FMD P#4 BUR D5010 ELE/DIST

1129784

Alternatives Analysis

The other alternative is to defer this project. This alternative will maintain the risk of system failure and likely increase the cost in the future. Because this budget repairs/replaces an important system in an occupied facility, this project is proposed to avert interruption of the Tenant agency's operations.

Funding and Revenue Discussion

Streamlined Rate

Other Agency Involvement

Internal Agencies: DES/FMD with close coordination with Tenant agency.

External Agencies: Include Building and Fire or other jurisdictions having authority in KC facilities.

Art Eligibility

Not eligible due to 3) maintenance or minor rehabilitation.

Equity and Social Justice Impact

Major repairs to an existing building system is not expected to have an impact on the underserved communities. Ensuring the existing building remains operational will allow tenant agencies to continue to provide services to all demographics.

Strategic Climate Action Plan Alignment

LEED Certification: (N/A)

Utility incentives/grants: Unknown

Preliminary Green Building strategies: divert/recycle building materials, reduce energy, commissioning.

Additional cost: \$0

Percent of total Project Cost: 0%

Operating Budget Impacts

Renewal of energy systems or repair of major deficiencies will likely improve/reduce operating and maintenance costs, but it is difficult to quantify at this stage of the project development.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

DES FMD P#4 BUR D5031 FIRE ALM

1129785

Department	EXECUTIVE SERVICES
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3421 MJR MNTNCE RSRV SUB-FUND
Class Code	STANDALONE
Substantial Completion	
Location	601 SW 149th ST, Burien 98166: DES FMD POLICE PREC. #4 BURIEN D5031 FIRE ALARM SYSTEMS
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$7,446	\$0	\$0	\$7,446
3 Final Design	\$0	\$13,693	\$0	\$0	\$13,693
4 Implementation	\$0	\$148,085	\$0	\$0	\$148,085
5 Closeout	\$0	\$8,363	\$0	\$0	\$8,363
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$177,587	\$0	\$0	\$177,587

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
36999 - OTHER MISC REVENUE	\$177,587	\$0	\$0	\$177,587
Total Revenue	\$177,587	\$0	\$0	\$177,587

EXPENSE

DES FMD P#4 BUR D5031 FIRE ALM

1129785

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$0	\$0	\$0	\$0
2 Prelim Design	\$0		\$7,446	\$0	\$0	\$7,446
3 Final Design	\$0		\$13,693	\$0	\$0	\$13,693
4 Implementation	\$0		\$148,085	\$0	\$0	\$148,085
5 Closeout	\$0		\$8,363	\$0	\$0	\$8,363
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$0		\$177,587	\$0	\$0	\$177,587

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$7,446	\$7,446	\$0
3 Final Design	\$0	\$13,693	\$13,693	\$0
4 Implementation	\$0	\$148,085	\$148,085	\$0
5 Closeout	\$0	\$8,363	\$8,363	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$177,587	\$177,587	\$0

NARRATIVES

DES FMD P#4 BUR D5031 FIRE ALM

1129785

Current Scope

Precinct #4 Burien Fire Alarm Systems - This project will renew the existing fire alarm control panel and all devices on both floors of the Burien facility, this includes both the police precinct (1st floor) and district court (2nd floor).

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

DES FMD P#4 BUR D5031 FIRE ALM

1129785

Project Justification

- A clear problem statement indicating what problem the project/program is trying to address
Major electrical systems, subpanels, and emergency backup systems should be tested on a regular basis (2 years).
- Expected outcomes, identifying the impacts of the project/program
This process will identify whether the main service into the building and the subpanels feeding each floor are operating safely and can be shut down for maintenance and brought back up to power. This would allow KC to bring out- of-compliance elements up to code. This is a life safety issue.
- Linkages to strategic plans, the King County Energy Plan or Strategic Climate Action Plan, and other applicable plans
- An indication of whether the project specifically and significantly addresses any of the following Strategic Initiatives:
Equity and Social Justice ? No
Strategic Climate Action Plan ? No
Best Run Government ? Yes
- Risks of not implementing the project, including risks to the county, the department, constituents, employees, and others:
Problem: This building system was identified in the Facilities Management Division, Facility Condition database as deficient or beyond its useful life. All deficiencies were ranked by a formula including building importance and condition, system importance and scheduled replacement factors. This problem rated in the top 10% of 1270 building deficiencies. This project will mitigate system failure or life safety risks in this building.
Outcome: This project contributes to implementation of the MMRF program, by updating or replacing end of life building assets.
Linkages: This project supports adopted Real Estate Asset Management Plan by keeping the facility operational; and the KC Energy Plan or SCAP by reducing energy use; and the MMRF mandate to maintain King County's real estate assets.

Budget Request Basis

This budget is requested now to avert failure of the system in the near term. The project improves an important system in an occupied facility. The budget was determined by field verification of conditions and project scope and priced with current construction costs and uniform factors for design and administration of this type of project. The project budget will fund both design and construction.

Project Status

New Project N/A

Alternatives Analysis

The other alternative is to defer this project. This alternative will maintain the risk of system failure and likely increase the cost in the future. Because this budget repairs/replaces an important system in an occupied facility, this project is proposed to avert interruption of the Tenant agency's operations.

Funding and Revenue Discussion

Streamlined Rate

Other Agency Involvement

Internal Agencies; include DES/FMD with minor coordination with Tenant agency.
External Agencies; Include Building and Fire or other jurisdictions having authority in KC facilities.

Art Eligibility

Not eligible due to 3) maintenance or minor rehabilitation.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

DES FMD P#4 BUR D5031 FIRE ALM

1129785

Equity and Social Justice Impact

Major repairs to an existing building system is not expected to have an impact on the underserved communities. Ensuring the existing building remains operational will allow tenant agencies to continue to provide services to all demographics.

Strategic Climate Action Plan Alignment

LEED Certification: (Platinum) (Gold), (N/A)

Utility incentives/grants: (insert \$ if applicable) (N/A)

Preliminary Green Building strategies: divert/recycle building materials, reduce energy, commissioning, use sustainable materials

Additional cost: \$0

Percent of total Project Cost: 0%

Operating Budget Impacts

Renewal of energy systems or repair of major deficiencies will likely improve/reduce operating and maintenance costs, but it is difficult to quantify at this stage of the project development.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

DES FMD ADMIN BLDG D5031 FIRE

1129786

Department	EXECUTIVE SERVICES
Council District(s)	8
Fund	3421 MJR MNTNCE RSRV SUB-FUND
Class Code	STANDALONE
Substantial Completion	
Location	500 Fourth AVE, Seattle 98104: DES FMD ADMIN. BLDG. D5031 FIRE ALARM SYSTEMS
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$8,860	\$0	\$0	\$8,860
2 Preliminary Design	\$0	\$13,104	\$0	\$0	\$13,104
3 Final Design	\$0	\$60,285	\$0	\$0	\$60,285
4 Implementation	\$0	\$646,070	\$0	\$0	\$646,070
5 Closeout	\$0	\$9,675	\$0	\$0	\$9,675
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$737,994	\$0	\$0	\$737,994

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
36999 - OTHER MISC REVENUE	\$737,994	\$0	\$0	\$737,994
Total Revenue	\$737,994	\$0	\$0	\$737,994

EXPENSE

DES FMD ADMIN BLDG D5031 FIRE

1129786

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$8,860	\$0	\$0	\$8,860
2 Prelim Design	\$0		\$13,104	\$0	\$0	\$13,104
3 Final Design	\$0		\$60,285	\$0	\$0	\$60,285
4 Implementation	\$0		\$646,070	\$0	\$0	\$646,070
5 Closeout	\$0		\$9,675	\$0	\$0	\$9,675
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$0		\$737,994	\$0	\$0	\$737,994

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$8,860	\$8,860	\$0
2 Preliminary Design	\$0	\$13,104	\$13,104	\$0
3 Final Design	\$0	\$60,285	\$60,285	\$0
4 Implementation	\$0	\$646,070	\$646,070	\$0
5 Closeout	\$0	\$9,675	\$9,675	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$737,994	\$737,994	\$0

NARRATIVES

DES FMD ADMIN BLDG D5031 FIRE

1129786

Current Scope

Administration Building Fire Alarm Systems - This project will renew existing fire alarm system that will include the replacement of all devices and panels. This project assumes that the existing wiring is compatible with the new panels and devices. Existing panels are MXL models which will not have manufacturer support after Oct. 2018.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

DES FMD ADMIN BLDG D5031 FIRE

1129786

Project Justification

- A clear problem statement indicating what problem the project/program is trying to address
Major electrical systems, subpanels, and emergency backup systems should be tested on a regular basis (2 years). The Admin. Bldg. systems have not been test since the building was constructed due to inconvenience – the main service to the building needs to be shut down which requires participation by City Light and major coordination with the building tenants. Also, many systems no longer meet code.
- Expected outcomes, identifying the impacts of the project/program
This process will identify whether the main service into the building and the subpanels feeding each floor are operating safely and can be shut down for maintenance and brought back up to power. This would allow KC to bring out- of-compliance elements up to code. This is a life safety issue.
- Linkages to strategic plans, the King County Energy Plan or Strategic Climate Action Plan, and other applicable plans
This process will also identify whether the Admin. Building is using its service in the most efficient manner.
- An indication of whether the project specifically and significantly addresses any of the following Strategic Initiatives:
Equity and Social Justice - No
Strategic Climate Action Plan - No
Best Run Government - Yes
- Risks of not implementing the project, including risks to the county, the department, constituents, employees, and others:
Problem: This building system was identified in the Facilities Management Division, Facility Condition database as deficient or beyond it's useful life. All deficiencies were ranked by a formula including building importance and condition, system importance and scheduled replacement factors. This problem rated in the top 10% of 1270 building deficiencies. This project will mitigate system failure or life safety risks in this building.
Outcome: This project contributes to implementation of the MMRF program, by updating or replacing end of life building assets.
Linkages: This project supports adopted Real Estate Asset Management Plan by keeping the facility operational; and the KC Energy Plan or SCAP by reducing energy use; and the MMRF mandate to maintain King County's real estate assets.

Budget Request Basis

This budget is requested now to avert failure of the system in the near term. The project improves an important system in an occupied facility. The budget was determined by field verification of conditions and project scope and priced with current construction costs and uniform factors for design and administration of this type of project. The project budget will fund both design and construction.

Project Status

New Project N/A

Alternatives Analysis

The other alternative is to defer this project. This alternative will maintain the risk of system failure and likely increase the cost in the future. Because this budget repairs/replaces an important system in an occupied facility, this project is proposed to avert interruption of the Tenant agency's operations.

Funding and Revenue Discussion

Streamlined Rate

Other Agency Involvement

Internal Agencies; include DES/FMD with minor coordination with Tenant agency.
External Agencies; Include Building and Fire or other jurisdictions having authority in KC facilities.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	DES FMD ADMIN BLDG D5031 FIRE	1129786
Art Eligibility		
Not eligible due to 3) maintenance or minor rehabilitation.		
Equity and Social Justice Impact		
Major repairs to an existing building system is not expected to have an impact on the underserved communities. Ensuring the existing building remains operational will allow tenant agencies to continue to provide services to all demographics.		
Strategic Climate Action Plan Alignment		
LEED Certification: (Platinum) (Gold), (N/A) Utility incentives/grants: (insert \$ if applicable) (N/A) Preliminary Green Building strategies: divert/recycle building materials, reduce energy, commissioning, use sustainable materials Additional cost: \$0 Percent of total Project Cost: 0%		
Operating Budget Impacts		
Renewal of energy systems or repair of major deficiencies will likely improve/reduce operating and maintenance costs, but it is difficult to quantify at this stage of the project development.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

DES FMD ADMIN BLDG D5010 ELE/D

1129787

Department	EXECUTIVE SERVICES
Council District(s)	8
Fund	3421 MJR MNTNCE RSRV SUB-FUND
Class Code	STANDALONE
Substantial Completion	
Location	500 Fourth AVE, Seattle 98104: DES FMD ADMIN. BLDG. D5010 ELECTRICAL SERVICE AND DISTRIBUTION
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$55,900	\$0	\$0	\$55,900
2 Preliminary Design	\$0	\$38,447	\$0	\$0	\$38,447
3 Final Design	\$0	\$250,714	\$0	\$0	\$250,714
4 Implementation	\$0	\$1,370,968	\$0	\$0	\$1,370,968
5 Closeout	\$0	\$44,445	\$0	\$0	\$44,445
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$1,760,474	\$0	\$0	\$1,760,474

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
36999 - OTHER MISC REVENUE	\$1,760,474	\$0	\$0	\$1,760,474
Total Revenue	\$1,760,474	\$0	\$0	\$1,760,474

EXPENSE

DES FMD ADMIN BLDG D5010 ELE/D

1129787

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$55,900	\$0	\$0	\$55,900
2 Prelim Design	\$0		\$38,447	\$0	\$0	\$38,447
3 Final Design	\$0		\$250,714	\$0	\$0	\$250,714
4 Implementation	\$0		\$1,370,968	\$0	\$0	\$1,370,968
5 Closeout	\$0		\$44,445	\$0	\$0	\$44,445
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$0		\$1,760,474	\$0	\$0	\$1,760,474

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$55,900	\$55,900	\$0
2 Preliminary Design	\$0	\$38,447	\$38,447	\$0
3 Final Design	\$0	\$250,714	\$250,714	\$0
4 Implementation	\$0	\$1,370,968	\$1,370,968	\$0
5 Closeout	\$0	\$44,445	\$44,445	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$1,760,474	\$1,760,474	\$0

NARRATIVES

DES FMD ADMIN BLDG D5010 ELE/D

1129787

Current Scope

Administration Building Electrical Service and Distribution - This project will test the main switchgear, buss ducts, and main branch panels in Administration Building. This will require a full building shutdown and cooperation (and cost) with City Light. Includes correction of items noted in 2013-14 TEGG report by electrical inspection company, Seahurst, that includes replacement of certain transformers, providing appropriate clearance in electrical closets on each floor, replacing some panels and if necessary, repurposing power abandoned after boilers were removed from building.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

DES FMD ADMIN BLDG D5010 ELE/D

1129787

Project Justification

- A clear problem statement indicating what problem the project/program is trying to address
Major electrical systems, subpanels, and emergency backup systems should be tested on a regular basis (2 years). The Admin. Bldg. systems have not been test since the building was constructed due to inconvenience – the main service to the building needs to be shut down which requires participation by City Light and major coordination with the building tenants. Also, many systems no longer meet code.
- Expected outcomes, identifying the impacts of the project/program
This process will identify whether the main service into the building and the subpanels feeding each floor are operating safely and can be shut down for maintenance and brought back up to power. This would allow KC to bring out- of-compliance elements up to code. This is a life safety issue.
- Linkages to strategic plans, the King County Energy Plan or Strategic Climate Action Plan, and other applicable plans
This process will also identify whether the Admin. Building is using its service in the most efficient manner.
- An indication of whether the project specifically and significantly addresses any of the following Strategic Initiatives:
Equity and Social Justice ? No
Strategic Climate Action Plan ? No
Best Run Government ? Yes
- Risks of not implementing the project, including risks to the county, the department, constituents, employees, and others
Problem: This building system was identified in the Facilities Management Division, Facility Condition database as deficient or beyond it's useful life. All deficiencies were ranked by a formula including building importance and condition, system importance and scheduled replacement factors. This problem rated in the top 10% of 1270 building deficiencies. This project will mitigate system failure or life safety risks in this building.
Outcome: This project contributes to implementation of the MMRF program, by updating or replacing end of life building assets.
Linkages: This project supports adopted Real Estate Asset Management Plan by keeping the facility operational; and the KC Energy Plan or SCAP by reducing energy use; and the MMRF mandate to maintain King County's real estate assets.

Budget Request Basis

This budget is requested now to avert failure of the system in the near term. The project improves an important system in an occupied facility. The budget was determined by field verification of conditions and project scope and priced with current construction costs and uniform factors for design and administration of this type of project. The project budget will fund both design and construction.

Project Status

New Project N/A

Alternatives Analysis

The other alternative is to defer this project. This alternative will maintain the risk of system failure and likely increase the cost in the future. Because this budget repairs/replaces an important system in an occupied facility, this project is proposed to avert interruption of the Tenant agency's operations.

Funding and Revenue Discussion

Streamlined Rate

Other Agency Involvement

Internal Agencies; include DES/FMD with minor coordination with Tenant agency.
External Agencies; Include Building and Fire or other jurisdictions having authority in KC facilities.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

DES FMD ADMIN BLDG D5010 ELE/D

1129787

Art Eligibility

Not eligible due to 3) maintenance or minor rehabilitation.

Equity and Social Justice Impact

Major repairs to an existing building system is not expected to have an impact on the underserved communities. Ensuring the existing building remains operational will allow tenant agencies to continue to provide services to all demographics.

Strategic Climate Action Plan Alignment

LEED Certification: (Platinum) (Gold), (N/A)

Utility incentives/grants: (insert \$ if applicable) (N/A)

Preliminary Green Building strategies: divert/recycle building materials, reduce energy, commissioning, use sustainable materials

Additional cost: \$0

Percent of total Project Cost: 0%

Operating Budget Impacts

Renewal of energy systems or repair of major deficiencies will likely improve/reduce operating and maintenance costs, but it is difficult to quantify at this stage of the project development.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

DES FMD BLACK RIV D3050 TER/PA

1129788

Department	EXECUTIVE SERVICES
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3421 MJR MNTNCE RSRV SUB-FUND
Class Code	STANDALONE
Substantial Completion	
Location	900 OAKESDALE AVE SW, Renton 98055: DES FMD BLACK RIVER OFFICE BLDG. D3050 TERMINAL AND PACKAGE UNITS
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$42,238	\$0	\$0	\$42,238
2 Preliminary Design	\$0	\$18,870	\$0	\$0	\$18,870
3 Final Design	\$0	\$88,733	\$0	\$0	\$88,733
4 Implementation	\$0	\$622,913	\$0	\$0	\$622,913
5 Closeout	\$0	\$12,500	\$0	\$0	\$12,500
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$785,254	\$0	\$0	\$785,254

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
36999 - OTHER MISC REVENUE	\$785,254	\$0	\$0	\$785,254
Total Revenue	\$785,254	\$0	\$0	\$785,254

EXPENSE

DES FMD BLACK RIV D3050 TER/PA

1129788

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$42,238	\$0	\$0	\$42,238
2 Prelim Design	\$0		\$18,870	\$0	\$0	\$18,870
3 Final Design	\$0		\$88,733	\$0	\$0	\$88,733
4 Implementation	\$0		\$622,913	\$0	\$0	\$622,913
5 Closeout	\$0		\$12,500	\$0	\$0	\$12,500
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$0		\$785,254	\$0	\$0	\$785,254

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$42,238	\$42,238	\$0
2 Preliminary Design	\$0	\$18,870	\$18,870	\$0
3 Final Design	\$0	\$88,733	\$88,733	\$0
4 Implementation	\$0	\$622,913	\$622,913	\$0
5 Closeout	\$0	\$12,500	\$12,500	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$785,254	\$785,254	\$0

NARRATIVES

DES FMD BLACK RIV D3050 TER/PA

1129788

Current Scope

Black River Office Building Terminal and Package Units - This project will perform functional testing of fan boxes, test & balance system, replace non-functioning fan boxes & VAV boxes, upgrade controls, commission systems in the Black River Office building.

Project Justification

- An indication of whether the project specifically and significantly addresses any of the following Strategic Initiatives:
Equity and Social Justice ? No
Strategic Climate Action Plan ? No
Best Run Government ? Yes

Problem: This building HVAC system was identified in the Facilities Management Division, Facility Condition database as deficient and numerous complaints have been filed by tenants concerning hot/cold temps and air flow. The systems were inspected by Ken Schmidt, Eddie Shahwan, and Joe Hicker and a plan was developed for correction. The main rooftop air handlers were found to be in generally good condition, but numerous deficiencies were identified in the floor level fan and VAV boxes and controls.

Outcome: This project contributes to implementation of the MMRF program, by updating or replacing end of life building assets.

Linkages: This project supports adopted Real Estate Asset Management Plan by keeping the facility operational; and the KC Energy Plan or SCAP by reducing energy use; and the MMRF mandate to maintain King County's real estate assets.

Budget Request Basis

This budget is requested now to avert failure of the system in the near term and improve tenant comfort. The project improves an important system in an occupied facility. The budget was determined by field verification of conditions and project scope and priced with current construction costs and uniform factors for design and administration of this type of project. The project budget will fund both design and construction.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

DES FMD BLACK RIV D3050 TER/PA

1129788

Project Status

New Project N/A

Alternatives Analysis

The other alternative is to defer this project. This alternative will maintain the risk of system failure, prolong tenant discomfort, and likely increase the cost in the future. Because this budget repairs/replaces an important system in an occupied facility, this project is proposed to avert interruption of the Tenant agency's operations.

Funding and Revenue Discussion

Streamlined Rate

Other Agency Involvement

Internal Agencies; include DES/FMD with minor coordination with Tenant agency.

External Agencies; Include Building and Fire or other jurisdictions having authority in KC facilities.

Art Eligibility

Not eligible due to 3) maintenance or minor rehabilitation.

Equity and Social Justice Impact

Major repairs to an existing building system is not expected to have an impact on the under served communities. Ensuring the existing building remains operational will allow tenant agencies to continue to provide services to all demographics.

Strategic Climate Action Plan Alignment

LEED Certification: (Platinum) (Gold), (N/A)

Utility incentives/grants: (insert \$ if applicable) (N/A)

Preliminary Green Building strategies: divert/recycle building materials, reduce energy, commissioning, use sustainable materials

Additional cost: \$0

Percent of total Project Cost: 0%

Operating Budget Impacts

Renewal of energy systems or repair of major deficiencies will likely improve/reduce operating and maintenance costs, but it is difficult to quantify at this stage of the project development

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

DES FMD ADMIN BLDG D3060 CI 1129789

Department	EXECUTIVE SERVICES
Council District(s)	8
Fund	3421 MJR MNTNCE RSRV SUB-FUND
Class Code	STANDALONE
Substantial Completion	
Location	500 Foruth AVE , Seattle 98104: DES FMD ADMIN. BLDG. D3060 CONTROLS AND INSTRUMENTATION
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$5,240	\$0	\$0	\$5,240
3 Final Design	\$0	\$21,659	\$0	\$0	\$21,659
4 Implementation	\$0	\$435,062	\$0	\$0	\$435,062
5 Closeout	\$0	\$466	\$0	\$0	\$466
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$462,427	\$0	\$0	\$462,427

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
36999 - OTHER MISC REVENUE	\$462,427	\$0	\$0	\$462,427
Total Revenue	\$462,427	\$0	\$0	\$462,427

EXPENSE DES FMD ADMIN BLDG D3060 CI 1129789

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$0	\$0	\$0	\$0
2 Prelim Design	\$0		\$5,240	\$0	\$0	\$5,240
3 Final Design	\$0		\$21,659	\$0	\$0	\$21,659
4 Implementation	\$0		\$435,062	\$0	\$0	\$435,062
5 Closeout	\$0		\$466	\$0	\$0	\$466
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$0		\$462,427	\$0	\$0	\$462,427

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$5,240	\$5,240	\$0
3 Final Design	\$0	\$21,659	\$21,659	\$0
4 Implementation	\$0	\$435,062	\$435,062	\$0
5 Closeout	\$0	\$466	\$466	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$462,427	\$462,427	\$0

NARRATIVES

DES FMD ADMIN BLDG D3060 CI

1129789

Current Scope

Administration Building Controls and Instrumentation - This project is the initial phase of a multiple phase project to renew the HVAC control system in the Admin Bldg. This phase will renew the HVAC controls on ½ of one floor of the six floors where the mixing boxes will be replaced, including floor level return air damper actuators and sensors. This project is dependent upon project 1129790 being done at the same time. Implementation includes tenant relocation and isolating ½ of one floor for construction and temporary relocation of tenants during construction. Project excludes renewal of fire alarm, lighting, ceiling or seismic bracing of other overhead systems.

Project Justification

- An indication of whether the project specifically and significantly addresses any of the following Strategic Initiatives:
Equity and Social Justice ? No
Strategic Climate Action Plan ? No
Best Run Government ? Yes

Problem: This building system was identified in the Facility Condition survey as deficient or beyond its useful life. All deficiencies were ranked by a formula including building importance and condition, system importance and scheduled replacement factors. This problem rated in the top 10% of 1270 projects. This project will mitigate system failure or life safety risks in this building.

Outcome: This project contributes to implementation of the MMRF program, by updating or replacing end of life building assets.

Linkages: This project supports adopted Real Estate Asset Management Plan by keeping the facility operational; and the KC Energy Plan or SCAP by reducing energy use; and the MMRF mandate to maintain King County's real estate assets.

Budget Request Basis

This budget is requested now to avert failure of the system in the near term. The project improves a critical system in a high risk facility. The budget was determined by field verification of conditions and project scope and priced with current construction costs and uniform factors for design and administration of this type of project.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	DES FMD ADMIN BLDG D3060 CI	1129789
Project Status		
N/A		
Alternatives Analysis		
This budget will repair a known deficiency. The alternative to defer this project, will maintain the risk of system failure. Because this budget repairs a critical system in a high risk facility, this project is proposed to avert interruption of the Tenant agency's operational program.		
Funding and Revenue Discussion		
Streamlined Rate		
Other Agency Involvement		
Internal Agencies; include DES/FMD with minor coordination with Tenant agency. External Agencies; Include Building and Fire or other jurisdictions having authority in KC facilities.		
Art Eligibility		
Not eligible due to 3) maintenance or minor rehabilitation.		
Equity and Social Justice Impact		
Major repairs to deficient building systems is expected to improve the experience of County buildings for all demographics.		
Strategic Climate Action Plan Alignment		
LEED Certification: (Platinum) Utility incentives/grants: (N/A) Preliminary Green Building strategies: divert/recycle building materials, reduce energy, commissioning, use sustainable materials Additional cost: \$0 Percent of total Project Cost: 0%		
Operating Budget Impacts		
Renewal of energy systems or repair of major deficiencies will reduce operating and maintenance costs. The design phase of this project will estimate the cost impacts		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

DES FMD ADMIN BLDG D3050 TPU

1129790

Department	EXECUTIVE SERVICES
Council District(s)	8
Fund	3421 MJR MNTNCE RSRV SUB-FUND
Class Code	STANDALONE
Substantial Completion	
Location	500 Fourth AVE, Seattle 98104: DES FMD ADMIN. BLDG. D3050 TERMINAL AND PACKAGE UNITS
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$27,950	\$0	\$0	\$27,950
2 Preliminary Design	\$0	\$19,163	\$0	\$0	\$19,163
3 Final Design	\$0	\$161,060	\$0	\$0	\$161,060
4 Implementation	\$0	\$1,227,909	\$0	\$0	\$1,227,909
5 Closeout	\$0	\$10,583	\$0	\$0	\$10,583
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$1,446,665	\$0	\$0	\$1,446,665

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
36999 - OTHER MISC REVENUE	\$1,446,665	\$0	\$0	\$1,446,665
Total Revenue	\$1,446,665	\$0	\$0	\$1,446,665

EXPENSE

DES FMD ADMIN BLDG D3050 TPU

1129790

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$27,950	\$0	\$0	\$27,950
2 Prelim Design	\$0	\$0	\$19,163	\$0	\$0	\$19,163
3 Final Design	\$0	\$0	\$161,060	\$0	\$0	\$161,060
4 Implementation	\$0	\$0	\$1,227,909	\$0	\$0	\$1,227,909
5 Closeout	\$0	\$0	\$10,583	\$0	\$0	\$10,583
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$0	\$0	\$1,446,665	\$0	\$0	\$1,446,665

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$27,950	\$27,950	\$0
2 Preliminary Design	\$0	\$19,163	\$19,163	\$0
3 Final Design	\$0	\$161,060	\$161,060	\$0
4 Implementation	\$0	\$1,227,909	\$1,227,909	\$0
5 Closeout	\$0	\$10,583	\$10,583	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$1,446,665	\$1,446,665	\$0

NARRATIVES

DES FMD ADMIN BLDG D3050 TPU

1129790

Current Scope

Administration Building Terminal and Package Units - This project is the initial phase of a multiple phase project to replace the dual duct mixing boxes in the Admin Bldg. This phase will replace the mixing boxes on ½ of one floor of the six floors where the mixing boxes need to be replaced. This project is dependent upon project 1129789 being done at the same time. Implementation includes tenant relocation and isolating ½ of one floor for construction and temporary relocation of tenants during construction. Project excludes renewal of fire alarm, lighting, ceiling or seismic bracing of other overhead systems.

Project Justification

- An indication of whether the project specifically and significantly addresses any of the following Strategic Initiatives:
Equity and Social Justice ? No
Strategic Climate Action Plan ? No
Best Run Government ? Yes

Problem: This building system was identified in the Facility Condition survey as deficient or beyond its useful life. All deficiencies were ranked by a formula including building importance and condition, system importance and scheduled replacement factors. This problem rated in the top 10% of 1270 projects. This project will mitigate system failure or life safety risks in this building.

Outcome: This project contributes to implementation of the MMRF program, by updating or replacing end of life building assets.

Linkages: This project supports adopted Real Estate Asset Management Plan by keeping the facility operational; and the KC Energy Plan or SCAP by reducing energy use; and the MMRF mandate to maintain King County's real estate assets.

Budget Request Basis

This budget is requested now to avert failure of the system in the near term. The project improves a critical system in a high risk facility. The budget was determined by field verification of conditions and project scope and priced with current construction costs and uniform factors for design and administration of this type of project.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	DES FMD ADMIN BLDG D3050 TPU	1129790
Project Status		
N/A		
Alternatives Analysis		
This budget will repair a known deficiency. The alternative to defer this project, will maintain the risk of system failure. Because this budget repairs a critical system in a high risk facility, this project is proposed to avert interruption of the Tenant agency's operational program.		
Funding and Revenue Discussion		
Streamlined Rate		
Other Agency Involvement		
Internal Agencies; include DES/FMD with minor coordination with Tenant agency. External Agencies; Include Building and Fire or other jurisdictions having authority in KC facilities.		
Art Eligibility		
Not eligible due to 3) maintenance or minor rehabilitation.		
Equity and Social Justice Impact		
Major repairs to deficient building systems is expected to improve the experience of County buildings for all demographics.		
Strategic Climate Action Plan Alignment		
LEED Certification: (Platinum) Utility incentives/grants: (N/A) Preliminary Green Building strategies: divert/recycle building materials, reduce energy, commissioning, use sustainable materials Additional cost: \$0 Percent of total Project Cost: 0%		
Operating Budget Impacts		
Renewal of energy systems or repair of major deficiencies will reduce operating and maintenance costs. The design phase of this project will estimate the cost impacts		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

DES FMD ADMIN BLDG D3049 FAU

1129791

Department	EXECUTIVE SERVICES
Council District(s)	8
Fund	3421 MJR MNTNCE RSRV SUB-FUND
Class Code	STANDALONE
Substantial Completion	12/31/2017
Location	500 Fourth AVE, Seattle 98104: DES FMD Admin Building D3049 Fans and Air Handling Units Name
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/01/17 - 01/31/17	\$0	\$7,310	\$0	\$0	\$7,310
2 Preliminary Design	\$0	\$9,541	\$0	\$0	\$9,541
3 Final Design 02/01/17 - 04/30/17	\$0	\$69,082	\$0	\$0	\$69,082
4 Implementation 08/01/17 - 10/31/17	\$0	\$411,532	\$0	\$0	\$411,532
5 Closeout 11/01/17 - 12/31/17	\$0	\$10,256	\$0	\$0	\$10,256
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$507,721	\$0	\$0	\$507,721

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
36999 - OTHER MISC REVENUE	\$507,721	\$0	\$0	\$507,721
Total Revenue	\$507,721	\$0	\$0	\$507,721

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		DES FMD ADMIN BLDG D3049 FAU				1129791
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$7,310	\$0	\$0	\$7,310
2 Prelim Design	\$0		\$9,541	\$0	\$0	\$9,541
3 Final Design	\$0		\$69,082	\$0	\$0	\$69,082
4 Implementation	\$0		\$411,532	\$0	\$0	\$411,532
5 Closeout	\$0		\$10,256	\$0	\$0	\$10,256
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$0		\$507,721	\$0	\$0	\$507,721

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$7,310	\$7,310	\$0
2 Preliminary Design	\$0	\$9,541	\$9,541	\$0
3 Final Design	\$0	\$69,082	\$69,082	\$0
4 Implementation	\$0	\$411,532	\$411,532	\$0
5 Closeout	\$0	\$10,256	\$10,256	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$507,721	\$507,721	\$0

NARRATIVES DES FMD ADMIN BLDG D3049 FAU 1129791

Current Scope

Administration Building Fans and Air Handling Units - Service and Repair the original Administration Building's Central HVAC hot and cold deck utility fan system (2 fans), the fan and air handling unit fans (2 Supply fans, 1 Return and 2 Exhaust fans),Replace all pneumatic controls, provide Testing and Balancing of fans.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

DES FMD ADMIN BLDG D3049 FAU

1129791

Project Justification

- An indication of whether the project specifically and significantly addresses any of the following Strategic Initiatives:
Equity and Social Justice -No
Strategic Climate Action Plan -No
Best Run Government - Yes

Problem: This building system was identified in the Facilities Management Division, Facility Condition database as deficient or beyond its useful life. All deficiencies were ranked by a formula including building importance and condition, system importance and scheduled replacement factors. This problem rated in the top 10% of 1270 building deficiencies. This project will mitigate system failure or life safety risks in this building.

Outcome: This project contributes to implementation of the MMRF program, by updating or replacing end of life building assets.

Linkages: This project supports adopted Real Estate Asset Management Plan by keeping the facility operational; and the KC Energy Plan or SCAP by reducing energy use; and the MMRF mandate to maintain King County's real estate assets.

Budget Request Basis

This budget is requested now to avert failure of the system in the near term. The project improves an important system in an occupied facility. The budget was determined by field verification of conditions and project scope and priced with current construction costs and uniform factors for design and administration of this type of project. The project budget will fund both design and construction.

Project Status

New Project N/A

Alternatives Analysis

The other alternative is to defer this project. This alternative will maintain the risk of system failure and likely increase the cost in the future. Because this budget repairs/replaces an important system in an occupied facility, this project is proposed to avert interruption of the Tenant agency's operations.

Funding and Revenue Discussion

Streamlined Rate

Other Agency Involvement

Internal Agencies; include DES/FMD with minor coordination with Tenant agency.

External Agencies; Include Building and Fire or other jurisdictions having authority in KC facilities.

Art Eligibility

Not eligible due to 3) maintenance or minor rehabilitation.

Equity and Social Justice Impact

Major repairs to an existing building system is not expected to have an impact on the underserved communities. Ensuring the existing building remains operational will allow tenant agencies to continue to provide services to all demographics.

Strategic Climate Action Plan Alignment

LEED Certification: (Platinum)

Utility incentives/grants: (N/A)

Preliminary Green Building strategies: divert/recycle building materials, reduce energy, commissioning, use sustainable materials

Additional cost: \$0

Percent of total Project Cost: 0%

Operating Budget Impacts

Renewal of energy systems or repair of major deficiencies will likely improve/reduce operating and maintenance costs, but it is difficult to quantify at this stage of the project development.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

DES FMD BLACK RIV B3010 ROF/EX

1129793

Art Eligible

Department	EXECUTIVE SERVICES
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3421 MJR MNTNCE RSRV SUB-FUND
Class Code	STANDALONE
Substantial Completion	
Location	900 OAKESDALE AVE SW, Renton 98055: Blackriver Office Building B2011, B3010 Roofing replacement and exterior cladding rehabilitation
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$6,854	\$0	\$0	\$6,854
2 Preliminary Design	\$0	\$38,787	\$0	\$0	\$38,787
3 Final Design	\$0	\$163,891	\$0	\$0	\$163,891
4 Implementation	\$0	\$1,864,888	\$0	\$0	\$1,864,888
5 Closeout	\$0	\$16,186	\$0	\$0	\$16,186
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$2,090,606	\$0	\$0	\$2,090,606

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$21,516	\$0	\$0	\$21,516

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
36999 - OTHER MISC REVENUE	\$2,090,606	\$0	\$0	\$2,090,606
Total Revenue	\$2,090,606	\$0	\$0	\$2,090,606

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		DES FMD BLACK RIV B3010 ROF/EX				1129793
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$6,854	\$0	\$0	\$6,854
2 Prelim Design	\$0		\$38,787	\$0	\$0	\$38,787
3 Final Design	\$0		\$163,891	\$0	\$0	\$163,891
4 Implementation	\$0		\$1,864,888	\$0	\$0	\$1,864,888
5 Closeout	\$0		\$16,186	\$0	\$0	\$16,186
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$0		\$2,090,606	\$0	\$0	\$2,090,606

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$6,854	\$6,854	\$0
2 Preliminary Design	\$0	\$38,787	\$38,787	\$0
3 Final Design	\$0	\$163,891	\$163,891	\$0
4 Implementation	\$0	\$1,864,888	\$1,864,888	\$0
5 Closeout	\$0	\$16,186	\$16,186	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$2,090,606	\$2,090,606	\$0

NARRATIVES DES FMD BLACK RIV B3010 ROF/EX 1129793

Current Scope

Black River Building Roofing Replacement and Exterior - Project includes replacement of roof and repairs of exterior wall cladding. Existing roof is 27 years old, has been patched extensively, and is well beyond its useful life. Cladding needs cleaning, sealing, and repairs of numerous holes and other damage.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

DES FMD BLACK RIV B3010 ROF/EX

1129793

Project Justification

- An indication of whether the project specifically and significantly addresses any of the following Strategic Initiatives:

Equity and Social Justice ? No

Strategic Climate Action Plan ? No

Best Run Government ? Yes

Problem: This building system was identified in the Facilities Management Division, Facility Condition database as deficient or beyond its useful life. All deficiencies were ranked by a formula including building importance and condition, system importance and scheduled replacement factors. This problem rated in the top 10% of 1270 building deficiencies. This project will mitigate system failure or life safety risks in this building.

Outcome: This project contributes to implementation of the MMRF program, by updating or replacing end of life building assets.

Linkages: This project supports adopted Real Estate Asset Management Plan by keeping the facility operational; and the KC Energy Plan or SCAP by reducing energy use; and the MMRF mandate to maintain King County's real estate assets.

Budget Request Basis

This budget is requested now to avert failure of the system in the near term. The project improves an important system in an occupied facility. The budget was determined by field verification of conditions and project scope and priced with current construction costs and uniform factors for design and administration of this type of project. The project budget will fund both design and construction.

Project Status

New Project N/A

Alternatives Analysis

The other alternative is to defer this project. This alternative will maintain the risk of system failure and likely increase the cost in the future. Because this budget repairs/replaces an important system in an occupied facility, this project is proposed to avert interruption of the Tenant agency's operations.

Funding and Revenue Discussion

Streamlined Rate

Other Agency Involvement

Internal Agencies; include DES/FMD with minor coordination with Tenant agency.

External Agencies; Include Building and Fire or other jurisdictions having authority in KC facilities.

Art Eligibility

Not eligible due to 3) maintenance or minor rehabilitation.

Equity and Social Justice Impact

Major repairs to an existing building system is not expected to have an impact on the underserved communities. Ensuring the existing building remains operational will allow tenant agencies to continue to provide services to all demographics.

Strategic Climate Action Plan Alignment

LEED Certification: (Platinum)

Utility incentives/grants: (N/A)

Preliminary Green Building strategies: divert/recycle building materials, reduce energy, commissioning, use sustainable materials

Additional cost: \$0

Percent of total Project Cost: 0%

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

DES FMD BLACK RIV B3010 ROF/EX

1129793

Operating Budget Impacts

Renewal of energy systems or repair of major deficiencies will likely improve/reduce operating and maintenance costs, but it is difficult to quantify at this stage of the project development

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WLOS GRANT CONTINGENCY

1047267

Master Project

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3522 OS KC NON BND FND SUBFUND
Class Code	WLOS GRANT CONTINGENCY
Substantial Completion	
Location	Multiple-TBD
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$55,323	\$0	\$0	\$0	\$55,323
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition 01/01/14 - 12/31/16	\$20,032,944	\$6,333,901	\$5,000,000	\$5,000,000	\$36,366,845
Total Budget	\$20,088,267	\$6,333,901	\$5,000,000	\$5,000,000	\$36,422,168

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
33708 - INTERLOCAL GRANTS OTHER	\$650,000	\$0	\$0	\$650,000
42006 - AQUATIC LANDS ENHANCEMENT	\$1,000,000	\$0	\$0	\$1,000,000
42009 - SALMON RECOV FUND BOARD	\$1,750,000	\$200,000	\$0	\$1,950,000
42018 - PUGET SOUND ACQ REST	\$2,933,901	\$4,800,000	\$5,000,000	\$12,733,901
Total Revenue	\$6,333,901	\$5,000,000	\$5,000,000	\$16,333,901

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		WLOS GRANT CONTINGENCY					1047267
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense	
1 Planning	\$6,408	\$0	\$0	\$0	\$0	\$6,408	
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0	
3 Final Design	\$1,540	\$0	\$0	\$0	\$0	\$1,540	
4 Implementation	\$1,228	\$0	(\$207,338)	(\$598,593)	(\$883,315)	(\$1,688,018)	
5 Closeout	\$10,591,978	\$0	\$0	\$0	\$0	\$10,591,978	
6 Acquisition	\$3,039,696	\$0	\$4,550,104	\$6,236,923	\$5,883,315	\$19,710,038	
Total Expense	\$13,640,849	\$0	\$4,342,766	\$5,638,330	\$5,000,000	\$28,621,945	

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$6,408	\$0	\$6,408
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$1,540	\$0	\$1,540
4 Implementation	\$0	\$0	\$1,228	\$55,323	\$1,228
5 Closeout	\$0	\$0	\$10,591,978	\$0	\$10,591,978
6 Acquisition	\$0	\$0	\$3,039,696	\$20,032,944	\$3,039,696
Total	\$0	\$0	\$13,640,850	\$20,088,267	\$13,640,850

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$6,408)	\$0	\$0	(\$6,408)
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	(\$1,540)	\$0	\$0	(\$1,540)
4 Implementation	\$54,096	\$0	(\$207,338)	\$261,434
5 Closeout	(\$10,591,978)	\$0	\$0	(\$10,591,978)
6 Acquisition	\$16,993,248	\$6,333,901	\$4,550,104	\$18,777,045
Total	\$6,447,418	\$6,333,901	\$4,342,766	\$8,438,553

NARRATIVES

Current Scope

Open Space Grant Contingency - The WLOS Grant Contingency project holds spending authority pending receipt of signed federal and state grants and Interlocal agreements. Budget is activated in individual projects only after a signed agreement is received.

Project Justification

By having spending authority available, the division is able to begin project work immediately upon receipt of the agreement. These grants funding provide match funding to leverage additional contributions from other sources.

Budget Request Basis

The WLOS Grant Contingency project holds spending authority pending receipt of signed federal and state grants and Interlocal agreements. Budget is activated in individual projects only after a signed agreement is received.

Project Status

Ongoing.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	WLOS GRANT CONTINGENCY	1047267
Alternatives Analysis		
Alternatives considered are: Single Alternative.		
Funding and Revenue Discussion		
This project is funded by revenues from federal, state, and Interlocal agreements.		
Other Agency Involvement		
N/A		
Art Eligibility		
No. No, this project is not eligible for 1% Art. Project is for real estate acquisition only.		
Equity and Social Justice Impact		
Open to general public.		
Strategic Climate Action Plan Alignment		
Climate change response benefits of open space acquisitions include reduced trip distances by providing close-to-home open spaces; the capture of CO2 emissions in trees and other site vegetation; and reducing anticipated future flooding impacts through preserving or increasing flood storage capacity.		
Operating Budget Impacts		
No operating impact.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

PKS BEAR CREEK WATERWAYS 1044590

Department	NATURAL RESOURCES AND PARKS
Council District(s)	3
Fund	3581 PARKS CAPITAL
Class Code	STANDALONE
Substantial Completion	
Location	Woodinville
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition 01/01/09 - 12/31/18	\$1,860,898	\$349,695	\$0	\$0	\$2,210,593
Total Budget	\$1,860,898	\$349,695	\$0	\$0	\$2,210,593

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31111 - REAL PRPTY TAXES CURRENT	\$349,695	\$0	\$0	\$349,695
Total Revenue	\$349,695	\$0	\$0	\$349,695

EXPENSE PKS BEAR CREEK WATERWAYS 1044590

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$0	\$0	\$0	\$0
2 Prelim Design	\$0		\$0	\$0	\$0	\$0
3 Final Design	\$0		\$0	\$0	\$0	\$0
4 Implementation	\$0		\$0	\$0	\$0	\$0
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$1,260,898	\$400,000	\$549,695	\$0	\$0	\$2,210,593
Total Expense	\$1,260,898	\$400,000	\$549,695	\$0	\$0	\$2,210,593

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$1,260,898	\$1,860,898	\$1,660,898
Total	\$0	\$0	\$1,260,898	\$1,860,898	\$1,660,898

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$200,000	\$349,695	\$549,695	\$0
Total	\$200,000	\$349,695	\$549,695	\$0

NARRATIVES

PKS BEAR CREEK WATERWAYS

1044590

Current Scope

Bear Creek Waterways - This project seeks to acquire key parcels for the protection and conservation of riparian habitat, floodplain, and adjacent wetlands in the Bear Creek Basin and improve public access to new and existing King County park lands.

Project Justification

The properties are adjacent to a King County Natural Area. King County Parks is currently controlling invasive plants on the County property, and the acquisition of these properties will provide better access to the County's existing property. This project is identified as a priority in the WRIA 8 Chinook Conservation Plan and the Bear Creek Waterways 2000 program; it would protect the best remaining habitat in reach 14 of Bear Creek. Additionally it would allow additional passive recreation opportunities by providing for increased public access to the County's natural lands, consistent with goals of the King County Open Space Plan and the Parks, Trails and Open Space Levy. The Conservation Futures Tax (CFT) Citizens Committee, a council-appointed committee to advise on open space acquisitions, recommended this funding request.

Budget Request Basis

The budget request is basing on market value of the target property and recommended by the Conservation Futures Tax (CFT) Committee.

Project Status

This project would continue to implement recommendations in several key county conservation plans and would build upon existing public habitat lands within King County's Upper Bear Creek and Paradise Lake Natural Areas. In 2015, \$185,000 in CFT funds was secured to support this project.

Alternatives Analysis

N/A

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	PKS BEAR CREEK WATERWAYS	1044590
Funding and Revenue Discussion		
King County Parks, Trails and Open Space Replacement Levy. Note that the CFT Citizens Committee also recommended CFT funding for this project.		
Other Agency Involvement		
N/A		
Art Eligibility		
N/A		
Equity and Social Justice Impact		
N/A		
Strategic Climate Action Plan Alignment		
N/A		
Operating Budget Impacts		
King County Parks, Trails and Open Space Replacement Levy includes an annual adjusted allotment for stewardship of newly acquired lands.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

PKS CAPITAL PROJECT OVERSIGHT

1044592

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3581 PARKS CAPITAL
Class Code	ADMIN
Substantial Completion	
Location	General
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$15,140	\$0	\$0	\$0	\$15,140
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$90,692	\$50,341	\$0	\$0	\$141,033
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$105,832	\$50,341	\$0	\$0	\$156,173

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39789 - CONTRIB REET #1	\$50,341	\$0	\$0	\$50,341
Total Revenue	\$50,341	\$0	\$0	\$50,341

EXPENSE

PKS CAPITAL PROJECT OVERSIGHT

1044592

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$57,655	\$48,178	\$50,341	\$0	\$0	\$156,174
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$57,655	\$48,178	\$50,341	\$0	\$0	\$156,174

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$15,140	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$57,655	\$90,692	\$105,833
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$57,655	\$105,832	\$105,833

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$15,140	\$0	\$0	\$15,140
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	(\$15,141)	\$50,341	\$50,341	(\$15,141)
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	(\$1)	\$50,341	\$50,341	(\$1)

NARRATIVES

PKS CAPITAL PROJECT OVERSIGHT

1044592

Current Scope

Capital Project Oversight - Biennial allocation of Council Auditor Capital Project Oversight costs.

Project Justification

Budget Request Basis

The amount is from PSB based on prior biennium actuals

Project Status

On-going project

Alternatives Analysis

N/A

Funding and Revenue Discussion

Other Agency Involvement

N/A

Art Eligibility

Project not visible to the public (Administrative project).

Equity and Social Justice Impact

N/A

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	PKS CAPITAL PROJECT OVERSIGHT	1044592
Strategic Climate Action Plan Alignment		
N/A		
Operating Budget Impacts		
N/A		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

PKS COUGAR MTN PRECIPICE TRL

1044596

Department	NATURAL RESOURCES AND PARKS
Council District(s)	3
Fund	3581 PARKS CAPITAL
Class Code	STANDALONE
Substantial Completion	
Location	Cougar Mountain
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$500,000	\$0	\$0	\$0	\$500,000
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition 01/01/09 - 12/31/18	\$619,750	\$350,000	\$0	\$0	\$969,750
Total Budget	\$1,119,750	\$350,000	\$0	\$0	\$1,469,750

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31111 - REAL PRPTY TAXES CURRENT	\$350,000	\$0	\$0	\$350,000
Total Revenue	\$350,000	\$0	\$0	\$350,000

EXPENSE

PKS COUGAR MTN PRECIPICE TRL

1044596

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$0	\$0	\$0	\$0
2 Prelim Design	\$0		\$0	\$0	\$0	\$0
3 Final Design	\$0		\$0	\$0	\$0	\$0
4 Implementation	\$1,173		\$0	\$0	\$0	\$1,173
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$1,118,577		\$350,000	\$0	\$0	\$1,468,577
Total Expense	\$1,119,750		\$350,000	\$0	\$0	\$1,469,750

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$500,000	\$0
4 Implementation	\$0	\$0	\$1,173	\$0	\$1,173
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$1,118,577	\$619,750	\$1,118,577
Total	\$0	\$0	\$1,119,750	\$1,119,750	\$1,119,750

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$500,000	\$0	\$0	\$500,000
4 Implementation	(\$1,173)	\$0	\$0	(\$1,173)
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	(\$498,827)	\$350,000	\$350,000	(\$498,827)
Total	\$0	\$350,000	\$350,000	\$0

NARRATIVES

PKS COUGAR MTN PRECIPICE TRL

1044596

Current Scope

Cougar Mountain Precipice Trail - This project is to acquire the remaining 13 inholding parcels on the northeastern edge of Cougar Mountain Regional Wildland Park that would connect existing King County owned lands to the Talus Natural Area and other public lands.

Project Justification

The project site is located on the northeast edge of King County Parks' Cougar Mountain Regional Wildland Park and at the western city limits of the City of Issaquah. The acquisition preserves forested hillsides above Talus, building on the 3000+ acres already preserved at Cougar. The Conservation Futures Tax (CFT) Citizens Committee, a council-appointed committee to advise on open space acquisitions, recommended this funding request.

Budget Request Basis

The budget request is basing on market value of the target property and recommended by the Conservation Futures Tax (CFT) Committee.

Project Status

We have contacted the 10 landowners again (January 2016) to determine interest in selling at this time under current zoning. No landowners reached agreement with us on price in 2012/2013. We are proceeding with appraisals with landowners who responded to us (8 of 10 at this point), which may result in change in funding request and scope.

Alternatives Analysis

N/A

Funding and Revenue Discussion

King County Parks, Trails and Open Space Replacement Levy. Note that the CFT Citizens Committee also recommended CFT funding for this project.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	PKS COUGAR MTN PRECIPICE TRL	1044596
Other Agency Involvement		
N/A		
Art Eligibility		
N/A		
Equity and Social Justice Impact		
N/A		
Strategic Climate Action Plan Alignment		
N/A		
Operating Budget Impacts		
King County Parks, Trails and Open Space Replacement Levy includes an annual adjusted allotment for stewardship of newly acquired lands.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

PKS COUGAR-SQUAK CORRIDOR PEL

1044598

Department	NATURAL RESOURCES AND PARKS
Council District(s)	9
Fund	3581 PARKS CAPITAL
Class Code	STANDALONE
Substantial Completion	
Location	Issaquah
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$593,581	\$0	\$0	\$0	\$593,581
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition 01/01/09 - 12/31/18	\$4,642,610	\$550,000	\$0	\$0	\$5,192,610
Total Budget	\$5,236,191	\$550,000	\$0	\$0	\$5,786,191

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31111 - REAL PRPTY TAXES CURRENT	\$550,000	\$0	\$0	\$550,000
Total Revenue	\$550,000	\$0	\$0	\$550,000

EXPENSE

PKS COUGAR-SQUAK CORRIDOR PEL

1044598

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$13,867		\$0	\$0	\$0	\$13,867
2 Prelim Design	\$9,667		\$0	\$0	\$0	\$9,667
3 Final Design	\$0		\$0	\$0	\$0	\$0
4 Implementation	\$35,749		\$0	\$0	\$0	\$35,749
5 Closeout	\$356		\$0	\$0	\$0	\$356
6 Acquisition	\$4,131,559	\$1,032,514	\$550,000	\$0	\$0	\$5,714,073
Total Expense	\$4,191,199	\$1,032,514	\$550,000	\$0	\$0	\$5,773,713

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$13,867	\$593,581	\$13,867
2 Preliminary Design	\$0	\$0	\$9,667	\$0	\$9,667
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$35,749	\$0	\$35,749
5 Closeout	\$0	\$0	\$356	\$0	\$356
6 Acquisition	\$0	\$0	\$4,131,559	\$4,642,610	\$5,164,073
Total	\$0	\$0	\$4,191,198	\$5,236,191	\$5,223,712

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$579,714	\$0	\$0	\$579,714
2 Preliminary Design	(\$9,667)	\$0	\$0	(\$9,667)
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	(\$35,749)	\$0	\$0	(\$35,749)
5 Closeout	(\$356)	\$0	\$0	(\$356)
6 Acquisition	(\$521,463)	\$550,000	\$550,000	(\$521,463)
Total	\$12,479	\$550,000	\$550,000	\$12,479

NARRATIVES

PKS COUGAR-SQUAK CORRIDOR PEL

1044598

Current Scope

Cougar-Squak Corridor - Acquire approximately 28 acres (2 parcels) between Cougar-Squak, Talus Open Space, and Squak Mountain State Park, and adjacent to Cougar/Squak Corridor on the west, just south of Issaquah.

Project Justification

This proposed project is to acquire approximately 28 acres adjacent to Cougar/Squak Corridor. Acquisition of these parcels has long been a priority for many stakeholder groups and is supported by Mountains to Sound Greenway Trust, City of Issaquah, Washington State Parks, and Issaquah Alps Trails Club. The larger of the two target parcels was a coal mine in the early 1900s and the former owner mined for clay and other materials. The most recent landowner attempted to mine gravel on the site disturbing a lot of the area. King County Department of Permitting and Environmental Review placed on the property a stop work order and code enforcement. That landowner defaulted on his loan and the property reverted to the financier, Mr. Ritchie. The current landowner is motivated to sell the property to a public agency. King County is currently negotiating with Mr. Ritchie to clean up the property prior to sale to King County or donate the property and King County would then clean up the property. In order to lift the code enforcement violation, the property owner or King County would need to correct drainage problems and clean up scattered debris.

The smaller of the priority parcels is a neighboring property with a willing seller. The property has a house that King County would demolish if able to acquire the property. Both priority parcels contribute to the long-term vision of providing a contiguous corridor of protected public lands and open space between Cougar Mountain Regional Wildland Park and Squak Mountain State Park.

Budget Request Basis

The budget request is basing on market value of the target property and recommended by the Conservation Futures Tax (CFT) Committee.

Project Status

King County will begin preliminary investigation including ordering a title report and conducting an appraisal as soon as budget authority has been secured.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	PKS COUGAR-SQUAK CORRIDOR PEL	1044598
Alternatives Analysis		
N/A		
Funding and Revenue Discussion		
King County Parks, Trails and Open Space Replacement Levy. Note that the CFT Citizens Committee also recommended CFT funding for this project.		
Other Agency Involvement		
N/A		
Art Eligibility		
N/A		
Equity and Social Justice Impact		
N/A		
Strategic Climate Action Plan Alignment		
N/A		
Operating Budget Impacts		
King County Parks, Trails and Open Space Replacement Levy includes an annual adjusted allotment for stewardship of newly acquired lands.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

PKS M:E Lake Samm Trail

1044600

MPA Reporting, Master Project, Baseline Required, Green Building Reporting, Art Eligible

Department	NATURAL RESOURCES AND PARKS
Council District(s)	3
Fund	3581 PARKS CAPITAL
Class Code	PKS M:E Lake Samm Trail
Substantial Completion	
Location	Sammamish, Issaquah
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$372,799	\$0	\$0	\$0	\$372,799
2 Preliminary Design	\$6	\$0	\$0	\$0	\$6
3 Final Design	\$10,522,463	\$4,649,117	\$825,000	\$0	\$15,996,580
4 Implementation	\$28,382,622	\$5,322,664	\$825,000	\$0	\$34,530,286
5 Closeout	\$125,836	\$0	\$0	\$0	\$125,836
6 Acquisition	\$6	\$0	\$0	\$0	\$6
Total Budget	\$39,403,733	\$9,971,781	\$1,650,000	\$0	\$51,025,514

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$98,730	\$0	\$0	\$98,730

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31111 - REAL PRPTY TAXES CURRENT	\$9,471,781	\$1,567,500	\$0	\$11,039,281
33471 - OTHER STATE PARKS CIP	\$500,000	\$82,500	\$0	\$582,500
Total Revenue	\$9,971,781	\$1,650,000	\$0	\$11,621,781

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		PKS M:E Lake Samm Trail				1044600
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$559,714	\$50,000	\$0	\$0	\$0	\$609,714
2 Prelim Design	\$42,140	\$100,000	\$0	\$0	\$0	\$142,140
3 Final Design	\$5,908,733	\$4,437,587	\$4,656,881	\$825,000	\$0	\$15,828,201
4 Implementation	\$21,847,909	\$5,000,000	\$6,213,754	\$825,000	\$0	\$33,886,663
5 Closeout	\$190,563	\$100,000	\$0	\$0	\$0	\$290,563
6 Acquisition	\$218,276	\$50,000	\$0	\$0	\$0	\$268,276
Total Expense	\$28,767,335	\$9,737,587	\$10,870,635	\$1,650,000	\$0	\$51,025,557

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$559,714	\$372,799	\$609,714
2 Preliminary Design	\$0	\$0	\$42,140	\$6	\$142,140
3 Final Design	\$0	\$0	\$5,908,733	\$10,522,463	\$10,346,320
4 Implementation	\$0	\$0	\$21,847,909	\$28,382,622	\$26,847,909
5 Closeout	\$0	\$0	\$190,563	\$125,836	\$290,563
6 Acquisition	\$0	\$0	\$218,276	\$6	\$268,276
Total	\$0	\$0	\$28,767,335	\$39,403,732	\$38,504,922

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$236,915)	\$0	\$0	(\$236,915)
2 Preliminary Design	(\$142,134)	\$0	\$0	(\$142,134)
3 Final Design	\$176,144	\$4,649,117	\$4,656,881	\$168,380
4 Implementation	\$1,534,714	\$5,322,664	\$6,213,754	\$643,624
5 Closeout	(\$164,727)	\$0	\$0	(\$164,727)
6 Acquisition	(\$268,270)	\$0	\$0	(\$268,270)
Total	\$898,812	\$9,971,781	\$10,870,635	(\$42)

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

PKS M:E Lake Samm Trail

1044600

Current Scope

East Lake Sammamish Trail (ELST) - The purpose of the ELST project is to design and construct an alternative non-motorized transportation corridor and a multi-use recreational trail along the former railroad corridor on the east side of Lake Sammamish.

This request seeks appropriation authority for a \$500,000 state RCO (Recreation and Conservation Office) grant in WWRP (Washington Wildlife and Recreation Program) for a portion of the construction funding to construct the 1.3-mile South Sammamish Segment A. The project is located between SE 43rd St. and SE 33rd St. in the City of Sammamish.

This request also seeks appropriation authority to:

1) Provide the remaining construction funding to construct the 1.3-mile South Sammamish Segment A. The project is located between SE 43rd St. and SE 33rd St. in the City of Sammamish.

2) Complete preliminary and final design including permitting on South Sammamish Segment B, the last segment of the trail located between Inglewood Hill Road and SE 33rd in the City of Sammamish.

These segments (A & B) are the fourth and fifth phases of a multi-phase Master Plan trail that will complete the entire 11-mile trail corridor and directly connect the cities of Redmond, Sammamish, and Issaquah. The ELST is a vital part of a 44-mile urban, regional trail system extending from Puget Sound in Seattle to the Cascade Foothills.

Project Justification

Development of King County's Regional Trails System is a key component of the Parks Division's Business Plan. Paved, multi-use trails with soft-surface shoulders have the highest degree of accessibility for people of all ages and abilities and provide for a wide variety of uses. The ELST is currently an 11-mile missing link in a 44-mile urban regional trail corridor that will connect the Burke-Gilman Trail, the Sammamish River Trail, the Marymoor Connector Trail and the Issaquah-Preston Trail, linking Seattle to the Eastside and the Cascade foothills. The trail will provide greater access to recreation, employment and retail in the cities of Redmond, Sammamish and Issaquah and provide a multi-use path for bicyclists, pedestrians, joggers, skaters and other users. The South Sammamish A and B segments are the last segments of the ELST corridor to be designed and constructed. The Redmond and Issaquah segments were completed in 2011 and 2013, respectively, and the North Sammamish segment recently opened in July 2015. Construction of the South Sammamish Segment A is anticipated to begin in late 2016 and open in Summer/Fall 2017.

Budget Request Basis

Budget is based on detailed Engineer's Estimate, past experience with previous segments of the project and on contractual commitments for design and engineering.

Project Status

The ELST corridor is being designed and constructed in segments, based on budget availability. Construction of the Redmond, Issaquah and North Sammamish segments are complete. Design of South Sammamish Segment A is complete and construction is anticipated to begin in late 2016 pending the outcome of permit appeals. The final South Sammamish B segment is currently in preliminary design. The project plans to complete preliminary and final design in 2017 and a long permitting and appeal process is anticipated. Construction appropriation is planned pending permitting to be requested in the mid biennium if permitting outcomes are favorable. Construction will begin late 2018 and run into 2019.

Alternatives Analysis

A non-action alternative would be inconsistent with the Parks Division's business plan and the King County Strategic Plan.

Funding and Revenue Discussion

Other Agency Involvement

City of Sammamish; DPER (Department of Permitting & Environmental Review); King County Roads Services Division; WSDOT (Washington Department of Transportation).

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	PKS M:E Lake Samm Trail	1044600
Art Eligibility		
N/A		
Equity and Social Justice Impact		
Trails provide additional options for recreation and mobility to historically underserved and economically disadvantaged populations.		
Strategic Climate Action Plan Alignment		
Programmatic Sustainable Scorecard Platinum or Salmon Safe Certification will be targeted. Parks seeks to minimize its impact on the environment, and by facilitating access to nature and outdoor recreation opportunities, hopes to educate the community of the need to protect open space for future generations.		
Operating Budget Impacts		
No immediate operating budget impacts are anticipated at this time. However, as capital improvements and major maintenance projects enter and complete construction phases, this work is anticipated to have impacts on the operating budget. For more context concerning future anticipated impacts of the capital program implementation on operations, please refer to the Parks Line of Business Plan.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

PKS FOOTHILLS REGIONAL TRAIL

1044668

Baseline Required, Green Building Reporting, Art Eligible

Department	NATURAL RESOURCES AND PARKS
Council District(s)	9
Fund	3581 PARKS CAPITAL
Class Code	STANDALONE
Substantial Completion	
Location	Foothill
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$48,806	\$0	\$0	\$0	\$48,806
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$451,500	\$250,000	\$0	\$0	\$701,500
4 Implementation	\$1,854,789	\$4,522,916	\$1,000,000	\$0	\$7,377,705
5 Closeout	\$0	\$38,084	\$0	\$0	\$38,084
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$2,355,095	\$4,811,000	\$1,000,000	\$0	\$8,166,095

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$47,157	\$0	\$0	\$47,157

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31111 - REAL PRPTY TAXES CURRENT	\$4,811,000	\$1,000,000	\$0	\$5,811,000
Total Revenue	\$4,811,000	\$1,000,000	\$0	\$5,811,000

EXPENSE

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$14,107		\$0	\$0	\$0	\$14,107
2 Prelim Design	\$81,752		\$0	\$0	\$0	\$81,752
3 Final Design	\$305,345	\$810,000	\$150,000	\$0	\$0	\$1,265,345
4 Implementation	\$439,266		\$5,330,000	\$1,000,000	\$0	\$6,769,266
5 Closeout	\$5,594		\$30,000	\$0	\$0	\$35,594
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$846,062	\$810,000	\$5,510,000	\$1,000,000	\$0	\$8,166,062

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$89,581	\$89,581	\$14,107	\$48,806	\$14,107
2 Preliminary Design	\$289,542	\$289,542	\$81,752	\$0	\$81,752
3 Final Design	\$1,258,144	\$1,258,144	\$305,345	\$451,500	\$1,115,345
4 Implementation	\$7,642,366	\$7,642,366	\$439,266	\$1,854,789	\$439,266
5 Closeout	\$39,529	\$39,529	\$5,594	\$0	\$5,594
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$9,319,162	\$9,319,162	\$846,064	\$2,355,095	\$1,656,064

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$34,699	\$0	\$0	\$34,699
2 Preliminary Design	(\$81,751)	\$0	\$0	(\$81,751)
3 Final Design	(\$663,845)	\$250,000	\$150,000	(\$563,845)
4 Implementation	\$1,415,523	\$4,522,916	\$5,330,000	\$608,439
5 Closeout	(\$5,594)	\$38,084	\$30,000	\$2,490
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$699,032	\$4,811,000	\$5,510,000	\$32

NARRATIVES

PKS FOOTHILLS REGIONAL TRAIL

1044668

Current Scope

Foothills Regional Trail - This project will connect the Foothills Trail in Pierce County to the Foothills Trail in King County. The design phase was initiated in 2016 for a 1.1 mile hard surfaced trail segment from 252nd street along the abandoned Burlington Northern Santa Fe Railway line to Mud Mountain Road and a short 750 foot long approach from Mud Mountain Road to the White River, including crossing of the river.

This appropriation request funds construction phase of the hard surfaced trail segment. This appropriation request also includes funds for the design of a new bridge crossing the White River pending grant funds from WA State Recreation and Conservation Office (RCO). The scope may be adjusted based on future funding availability.

Project Justification

This project, when completed, will connect the King County and Pierce County Regional Trail networks and is a partnership between King County Parks, the cities of Enumclaw, Buckley, and Pierce County. It was formed to pursue grant funding.

Budget Request Basis

Budget is based on planning level estimates using cost data for similar trail projects completed in the last few years.

Project Status

The design phase was initiated in 2016 for a 1.1 mile hard surfaced trail segment from 252nd street along the abandoned Burlington Northern Santa Fe Railway line to Mud Mountain Road and a short 750 foot long approach from Mud Mountain Road to the White River including crossing of the river. This project has been funded in the past and has included a trail extension from the City of Enumclaw (2012). An ongoing multi-jurisdictional partnership with the Cities of Buckley and Enumclaw, Pierce County. The partnership has been maintained in order to strategize for future grants and funding sources related to this projects proposed trail extension and the crossing of the White River. A grant application was submitted and its review is pending.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

PKS FOOTHILLS REGIONAL TRAIL

1044668

Alternatives Analysis

Alternative analysis have been completed in consideration of trail approach routes to the White River as well as the crossing location at the White River. In addition, reuse of the historic SR 167 bridge was being considered as an alternative for crossing the river but was deemed cost prohibitive.

Funding and Revenue Discussion

Other Agency Involvement

KC Parks has entered an Interlocal Agreement with WSDOT, City of Enumclaw, City of Buckley, and Pierce County to work in partnership toward the completion of this project.

Art Eligibility

N/A

Equity and Social Justice Impact

King County's park system impacts determinants of equity such as access to parks and natural resources, healthy built and natural environments, and strong, vibrant neighborhoods. These investments will benefit underserved communities and disadvantaged individuals that use these facilities.

Strategic Climate Action Plan Alignment

Salmon Safe Certification will be targeted. Parks seeks to minimize its impact on the environment, and by making access to nature and outdoor recreation opportunities, hopes to educate the community of the need to protect open space for future generations.

Operating Budget Impacts

No immediate operating budget impacts are anticipated at this time. However, as capital improvements and major maintenance projects enter and complete construction phases, this work is anticipated to have impacts on the operating budget. For more context concerning future anticipated impacts of the capital program implementation on operations, please refer to the Parks Line of Business Plan.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

PKS LWR CEDAR CONS AREA-PEL 1044743

Department	NATURAL RESOURCES AND PARKS
Council District(s)	9
Fund	3581 PARKS CAPITAL
Class Code	STANDALONE
Substantial Completion	
Location	Dorre Don Natural Area
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition 01/01/09 - 12/31/18	\$1,150,000	\$530,000	\$0	\$0	\$1,680,000
Total Budget	\$1,150,000	\$530,000	\$0	\$0	\$1,680,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31111 - REAL PRPTY TAXES CURRENT	\$530,000	\$0	\$0	\$530,000
Total Revenue	\$530,000	\$0	\$0	\$530,000

EXPENSE PKS LWR CEDAR CONS AREA-PEL 1044743

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$24		\$0	\$0	\$0	\$24
2 Prelim Design	\$0		\$0	\$0	\$0	\$0
3 Final Design	\$0		\$0	\$0	\$0	\$0
4 Implementation	\$0		\$0	\$0	\$0	\$0
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$1,149,976		\$530,000	\$0	\$0	\$1,679,976
Total Expense	\$1,150,000		\$530,000	\$0	\$0	\$1,680,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$24	\$0	\$24
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$1,149,976	\$1,150,000	\$1,149,976
Total	\$0	\$0	\$1,150,000	\$1,150,000	\$1,150,000

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$24)	\$0	\$0	(\$24)
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$24	\$530,000	\$530,000	\$24
Total	\$0	\$530,000	\$530,000	\$0

NARRATIVES

PKS LWR CEDAR CONS AREA-PEL

1044743

Current Scope

Lower Cedar Conservation Area - Acquire four parcels (15 acres) as additions to Dorre Don Reach Natural Area, east of Maple Valley on the Cedar River.

Project Justification

Acquisitions recommended in Dorre Don Reach NA Site Management Guidelines. High wildlife and salmon habitat benefit in the various parcels. The Conservation Futures Tax (CFT) Citizens Committee, a council-appointed committee to advise on open space acquisitions, recommended this funding request.

Budget Request Basis

The budget request is basing on market value of the target property and recommended by the Conservation Futures Tax (CFT) Committee.

Project Status

King County will begin preliminary investigation including ordering a title report and conducting an appraisal as soon as budget authority has been secured.

Alternatives Analysis

N/A

Funding and Revenue Discussion

King County Parks, Trails and Open Space Replacement Levy. Note that the CFT Citizens Committee also recommended CFT funding for this project.

Other Agency Involvement

N/A

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	PKS LWR CEDAR CONS AREA-PEL	1044743
Art Eligibility		
N/A		
Equity and Social Justice Impact		
N/A		
Strategic Climate Action Plan Alignment		
N/A		
Operating Budget Impacts		
King County Parks, Trails and Open Space Replacement Levy includes an annual adjusted allotment for stewardship of newly acquired lands.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

PKS MITCHELL HILL DUTHIE 1044750

Department	NATURAL RESOURCES AND PARKS
Council District(s)	3
Fund	3581 PARKS CAPITAL
Class Code	STANDALONE
Substantial Completion	
Location	Preston - Fall City
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition 01/01/09 - 12/31/18	\$2,324,395	\$500,000	\$0	\$0	\$2,824,395
Total Budget	\$2,324,395	\$500,000	\$0	\$0	\$2,824,395

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31111 - REAL PRPTY TAXES CURRENT	\$500,000	\$0	\$0	\$500,000
Total Revenue	\$500,000	\$0	\$0	\$500,000

EXPENSE PKS MITCHELL HILL DUTHIE 1044750

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$0	\$0	\$0	\$0
2 Prelim Design	\$0		\$0	\$0	\$0	\$0
3 Final Design	\$0		\$0	\$0	\$0	\$0
4 Implementation	\$28		\$0	\$0	\$0	\$28
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$951,469	\$1,371,222	\$500,000	\$0	\$0	\$2,822,691
Total Expense	\$951,497	\$1,371,222	\$500,000	\$0	\$0	\$2,822,719

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$28	\$0	\$28
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$951,469	\$2,324,395	\$2,322,691
Total	\$0	\$0	\$951,497	\$2,324,395	\$2,322,719

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	(\$28)	\$0	\$0	(\$28)
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$1,704	\$500,000	\$500,000	\$1,704
Total	\$1,676	\$500,000	\$500,000	\$1,676

NARRATIVES

PKS MITCHELL HILL DUTHIE

1044750

Current Scope

Mitchell Hill Forest Additions - Fee simple acquisition of parcels near Mitchell Hill Forest, including two parcels owned by King County Roads.

This appropriation provides funding to acquire up to 126 acres of forested open space that will connect King County's Mitchell Hill Forest with adjacent WADNR lands. Located between Issaquah and Preston.

Project Justification

This acquisition proposal continues a multi-year effort to connect over 2,000 acres of King County open space park lands with over 2,000 acres of Washington State Department of Natural Resources (WADNR) forest lands. These lands are located north of Preston and I-90 in rural King County within both the Snoqualmie/Skykomish and Lake Washington/Cedar/Sammamish Watershed Systems. King County ownership would restrict future additional residential development, ensuring retention of forestland, and give additional protection to a designated wildlife habitat network. Establishing connectivity between thousands of acres of county and state lands provides significant conservation of forest land, protection of terrestrial and aquatic habitat, and opportunities for miles of new passive recreation trails for hiking, mountain biking, running and horseback riding.

This request is the result of a long-term partnership with WADNR and the Mountains to Sound Greenway Trust to connect county and state lands in the Preston area. Acquisition of lands to connect to Mitchell Hill Forest to Preston Ridge Forest and WADNR lands is a recommendation in the WADNR Draft Concept Snoqualmie Recreation Corridor Plan, the Draft Mitchell Forest Plan and the Forest Stewardship Plan for Preston Ridge Forest (2001). Also, facilitating connectivity and expanding the backcountry trail system are listed as acquisition criteria in the 2010 Parks Open Space Plan and policy goals listed in the King County Comprehensive Plan.

Budget Request Basis

The budget request is basing on market value of the target property and recommended by the Conservation Futures Tax (CFT) Committee.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	PKS MITCHELL HILL DUTHIE	1044750
Project Status		
The project is in current negotiations with two landowners adjacent to the county's Mitchell Hill Forest.		
Alternatives Analysis		
N/A		
Funding and Revenue Discussion		
King County Parks, Trails and Open Space Replacement Levy. Note that the CFT Citizens Committee also recommended CFT funding for this project.		
Other Agency Involvement		
King County Roads, Washington State DNR, Mountains to Sound Greenway Trust.		
Art Eligibility		
N/A		
Equity and Social Justice Impact		
N/A		
Strategic Climate Action Plan Alignment		
N/A		
Operating Budget Impacts		
The 2014-2019 King County Parks, Trails and Open Space Replacement Levy includes an annual, inflation-adjusted allotment for stewardship of newly-acquired natural lands.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

PKS PATTERSON CREEK ADDTN-PEL

1044755

Department	NATURAL RESOURCES AND PARKS
Council District(s)	3
Fund	3581 PARKS CAPITAL
Class Code	STANDALONE
Substantial Completion	
Location	Sammamish
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition 01/01/09 - 12/31/18	\$1,988,043	\$25,000	\$0	\$0	\$2,013,043
Total Budget	\$1,988,043	\$25,000	\$0	\$0	\$2,013,043

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31111 - REAL PRPTY TAXES CURRENT	\$25,000	\$0	\$0	\$25,000
Total Revenue	\$25,000	\$0	\$0	\$25,000

EXPENSE

PKS PATTERSON CREEK ADDTN-PEL

1044755

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$0	\$0	\$0	\$0
2 Prelim Design	\$0		\$0	\$0	\$0	\$0
3 Final Design	\$0		\$0	\$0	\$0	\$0
4 Implementation	\$0		\$0	\$0	\$0	\$0
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$1,987,388	\$655	\$25,000	\$0	\$0	\$2,013,043
Total Expense	\$1,987,388	\$655	\$25,000	\$0	\$0	\$2,013,043

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$1,987,388	\$1,988,043	\$1,988,043
Total	\$0	\$0	\$1,987,388	\$1,988,043	\$1,988,043

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$25,000	\$25,000	\$0
Total	\$0	\$25,000	\$25,000	\$0

NARRATIVES

PKS PATTERSON CREEK ADDTN-PEL

1044755

Current Scope

Patterson Creek Addition - This project will acquire high value habitat parcels for addition to the Patterson Creek Natural Area, including Washington State DNR surplus parcels and other parcels targeted to preserve Patterson Creek and associated wetland. Fee simple acquisition of the remaining 39-acre WADNR parcel (located inside the UGA), to be added to Patterson Creek Natural Area. Primarily WRIA 8, portion in WRIA 7.

Project Justification

The properties are adjacent to a King County Natural Area. King County Parks is currently controlling invasive plants on the County property, and the acquisition of these properties will provide better access to the County's existing property. This project is identified as a priority in the WRIA 8 Chinook Conservation Plan and the Bear Creek Waterways 2000 program; it would protect the best remaining habitat in reach 14 of Bear Creek. Additionally it would allow additional passive recreation opportunities by providing for increased public access to the County's natural lands, consistent with goals of the King County Open Space Plan and the Parks, Trails and Open Space Levy. The Conservation Futures Tax (CFT) Citizens Committee, a council-appointed committee to advise on open space acquisitions, recommended this funding request.

Budget Request Basis

The budget request is basing on market value of the target property and recommended by the Conservation Futures Tax (CFT) Committee.

Project Status

This project would continue to implement recommendations in several key county conservation plans and would build upon existing public habitat lands within King County's Upper Bear Creek and Paradise Lake Natural Areas. In 2015, \$185,000 in CFT funds was secured to support this project.

Alternatives Analysis

N/A

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	PKS PATTERSON CREEK ADDTN-PEL	1044755
Funding and Revenue Discussion		
King County Parks, Trails and Open Space Replacement Levy. Note that the CFT Citizens Committee also recommended CFT funding for this project.		
Other Agency Involvement		
N/A		
Art Eligibility		
N/A		
Equity and Social Justice Impact		
N/A		
Strategic Climate Action Plan Alignment		
N/A		
Operating Budget Impacts		
King County Parks, Trails and Open Space Replacement Levy includes an annual adjusted allotment for stewardship of newly acquired lands.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

PKS REGIONAL OPEN SPACE INITI

1044835

Master Project

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3581 PARKS CAPITAL
Class Code	PKS REGIONAL OPEN SPACE INITI
Substantial Completion	
Location	Countywide
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$50,000	\$0	\$0	\$0	\$50,000
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation 01/01/08 - 12/31/18	\$450,838	\$0	\$7,470,035	\$0	\$7,920,873
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition 01/01/08 - 12/31/18	\$2,042,646	\$7,474,000	\$0	\$0	\$9,516,646
Total Budget	\$2,543,485	\$7,474,000	\$7,470,035	\$0	\$17,487,520

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31111 - REAL PRPTY TAXES CURRENT	\$7,474,000	\$7,470,035	\$0	\$14,944,035
Total Revenue	\$7,474,000	\$7,470,035	\$0	\$14,944,035

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		PKS REGIONAL OPEN SPACE INITI				1044835
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$44,874	\$33,000	\$0	\$0	\$0	\$77,874
2 Prelim Design	\$9,690	\$4,000	\$0	\$0	\$0	\$13,690
3 Final Design	\$1,847	\$1,500	\$0	\$0	\$0	\$3,347
4 Implementation	\$59,981	\$351,857	\$0	\$7,470,035	\$0	\$7,881,873
5 Closeout	\$1,030	\$1,000	\$0	\$0	\$0	\$2,030
6 Acquisition	\$1,312,331	\$722,374	\$7,114,000	\$0	\$0	\$9,148,705
Total Expense	\$1,429,754	\$1,113,731	\$7,114,000	\$7,470,035	\$0	\$17,127,520

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$44,874	\$50,000	\$77,874
2 Preliminary Design	\$0	\$0	\$9,690	\$0	\$13,690
3 Final Design	\$0	\$0	\$1,847	\$0	\$3,347
4 Implementation	\$0	\$0	\$59,981	\$450,838	\$411,838
5 Closeout	\$0	\$0	\$1,030	\$0	\$2,030
6 Acquisition	\$0	\$0	\$1,312,331	\$2,042,646	\$2,034,705
Total	\$0	\$0	\$1,429,753	\$2,543,484	\$2,543,484

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$27,874)	\$0	\$0	(\$27,874)
2 Preliminary Design	(\$13,690)	\$0	\$0	(\$13,690)
3 Final Design	(\$3,346)	\$0	\$0	(\$3,346)
4 Implementation	\$39,000	\$0	\$0	\$39,000
5 Closeout	(\$2,030)	\$0	\$0	(\$2,030)
6 Acquisition	\$7,941	\$7,474,000	\$7,114,000	\$367,941
Total	\$1	\$7,474,000	\$7,114,000	\$360,001

NARRATIVES PKS REGIONAL OPEN SPACE INITI 1044835

Current Scope

Regional Open Space Initiative - The Regional Open Space Acquisition Initiative will preserve and restore hundreds of acres of natural lands throughout the county, providing environmental benefits and recreational opportunities that will enhance the quality of life for King County residents. Project proposals are consistent with the Conservation Futures Tax (CFT) Committee recommendations.

Project Justification

Open space acquisition projects are consistent with Ordinance 17568 which approved the Parks, Trails and Open Space Replacement Levy ballot measure, implementing recommendations of the Levy Task Force. Restoration activities on natural lands are consistent with King County's Strategic Climate Action Plan.

Budget Request Basis

Amount appropriated for the Conservation Futures Tax (CFT) Citizen Committee to make its 2018 recommendations.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	PKS REGIONAL OPEN SPACE INITI	1044835
Project Status		
This is an on-going program.		
Alternatives Analysis		
N/A		
Funding and Revenue Discussion		
Other Agency Involvement		
WLR Acquisitions		
Art Eligibility		
This is a project for Acquisition.		
Equity and Social Justice Impact		
N/A		
Strategic Climate Action Plan Alignment		
N/A		
Operating Budget Impacts		
The King County Parks, Open Space and Trails Replacement Levy includes incremental increases in funding to support operating and maintenance costs associated with additional acquisitions.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

PKS ENUMCLAW FORESTED FOOTHIL

1047185

TA

Department	NATURAL RESOURCES AND PARKS
Council District(s)	9
Fund	3581 PARKS CAPITAL
Class Code	STANDALONE
Substantial Completion	
Location	Enumclaw
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition 01/01/15 - 12/31/18	\$375,000	(\$166,000)	\$0	\$0	\$209,000
Total Budget	\$375,000	(\$166,000)	\$0	\$0	\$209,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31111 - REAL PRPTY TAXES CURRENT	(\$166,000)	\$0	\$0	(\$166,000)
Total Revenue	(\$166,000)	\$0	\$0	(\$166,000)

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		PKS ENUMCLAW FORESTED FOOTHIL					1047185
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense	
1 Planning	\$0		\$0	\$0	\$0	\$0	
2 Prelim Design	\$0		\$0	\$0	\$0	\$0	
3 Final Design	\$0		\$0	\$0	\$0	\$0	
4 Implementation	\$0		\$0	\$0	\$0	\$0	
5 Closeout	\$0		\$0	\$0	\$0	\$0	
6 Acquisition	\$8,589	\$200,411	\$0	\$0	\$0	\$209,000	
Total Expense	\$8,589	\$200,411	\$0	\$0	\$0	\$209,000	

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$8,589	\$375,000	\$209,000
Total	\$0	\$0	\$8,589	\$375,000	\$209,000

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$166,000	(\$166,000)	\$0	\$0
Total	\$166,000	(\$166,000)	\$0	\$0

NARRATIVES

Current Scope

Enumclaw Forested Foothills - This project is to acquire a publicly owned access point into the White River Forest in Southeast King County.

This budget request will reallocate a portion of the unused balance to a project 1123928 PKS M:SNO CORR REC PTNSHP and reserve in Parks Capital Fund 3581.

Project Justification

This is a technical correction to reallocate unused balance to projects according to the Conservation Futures Tax (CFT) Citizens Committee, a council-appointed committee to advise on open space acquisitions.

Budget Request Basis

Technical adjustment to reallocate extra funding.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	PKS ENUMCLAW FORESTED FOOTHIL	1047185
Project Status		
Parks has not been able to reach agreement with a landowner on land purchase in 2015; work continues in 2016 to identify a new target acquisition. Additional funds (beyond current project balance) would be needed for future acquisition so extra funding in the project at this time was reprogrammed to this other acquisition.		
Alternatives Analysis		
N/A		
Funding and Revenue Discussion		
King County Parks, Trails and Open Space Replacement Levy		
Other Agency Involvement		
N/A		
Art Eligibility		
N/A		
Equity and Social Justice Impact		
N/A		
Strategic Climate Action Plan Alignment		
N/A		
Operating Budget Impacts		
N/A		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

PKS South County Regional Tra

1112621

MPA Reporting, Master Project, Baseline Required, Green Building Reporting, Art Eligible

Department	NATURAL RESOURCES AND PARKS
Council District(s)	5
Fund	3581 PARKS CAPITAL
Class Code	PKS South County Regional Tra
Substantial Completion	
Location	South King County
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/01/15 - 12/31/18	\$136,748	\$0	\$0	\$0	\$136,748
2 Preliminary Design 01/01/15 - 12/31/18	\$590,971	\$691,942	\$194,000	\$0	\$1,476,913
3 Final Design 01/01/15 - 12/31/18	\$2,929,231	\$650,704	\$545,000	\$0	\$4,124,935
4 Implementation 01/01/15 - 12/31/18	\$6,986,628	\$13,562	\$8,241,000	\$0	\$15,241,190
5 Closeout 01/01/15 - 12/31/18	\$35,893	\$0	\$20,000	\$0	\$55,893
6 Acquisition 01/01/15 - 12/31/18	\$975,004	\$0	\$0	\$0	\$975,004
Total Budget	\$11,654,476	\$1,356,208	\$9,000,000	\$0	\$22,010,684

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$13,562	\$0	\$0	\$13,562

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31111 - REAL PRPTY TAXES CURRENT	\$1,356,208	\$9,000,000	\$0	\$10,356,208
Total Revenue	\$1,356,208	\$9,000,000	\$0	\$10,356,208

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		PKS South County Regional Tra				1112621
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$278,456	\$2,000	\$0	\$0	\$0	\$280,456
2 Prelim Design	\$24,468	\$792,652	\$791,942	\$194,000	\$0	\$1,803,062
3 Final Design	\$2,376,358	\$702,882	\$650,704	\$545,000	\$0	\$4,274,944
4 Implementation	\$2,476,795	\$4,485,433	\$13,562	\$8,241,000	\$0	\$15,216,790
5 Closeout	\$0	\$35,893	\$0	\$20,000	\$0	\$55,893
6 Acquisition	\$104,826	\$274,713	\$0	\$0	\$0	\$379,539
Total Expense	\$5,260,902	\$6,293,573	\$1,456,208	\$9,000,000	\$0	\$22,010,683

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$278,456	\$136,748	\$280,456
2 Preliminary Design	\$0	\$0	\$24,468	\$590,971	\$817,120
3 Final Design	\$0	\$0	\$2,376,358	\$2,929,231	\$3,079,240
4 Implementation	\$0	\$0	\$2,476,795	\$6,986,628	\$6,962,228
5 Closeout	\$0	\$0	\$0	\$35,893	\$35,893
6 Acquisition	\$0	\$0	\$104,826	\$975,004	\$379,539
Total	\$0	\$0	\$5,260,903	\$11,654,475	\$11,554,476

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$143,708)	\$0	\$0	(\$143,708)
2 Preliminary Design	(\$226,149)	\$691,942	\$791,942	(\$326,149)
3 Final Design	(\$150,008)	\$650,704	\$650,704	(\$150,008)
4 Implementation	\$24,401	\$13,562	\$13,562	\$24,401
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$595,465	\$0	\$0	\$595,465
Total	\$100,001	\$1,356,208	\$1,456,208	\$1

NARRATIVES PKS South County Regional Tra 1112621

Current Scope

Lake-To-Sound Trail (South County Regional Trail) - The Lake to Sound Trail is a collaboration between King County and five south county cities (Renton, Tukwila, Burien, SeaTac and Des Moines) to develop a 16-mile trail from Lake Washington to Puget Sound. The project is divided into multiple segments to allow phasing of design and implementation.

This proposed budget request is to fund Final Design for Segment C, and Preliminary Designs for Segments D & E.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

PKS South County Regional Tra

1112621

Project Justification

The Lake to Sound Trail is a multi-jurisdiction, multiple segment trail that requires years of coordination and advanced planning. From a design and implementation perspective, it is advantageous to have one segment going into construction, while another segment is in Final Design and yet another is in Preliminary Design. The 2017-18 request for this MPA project advances Segment C into Final Design while starting the preliminary design for both segments D and E. Segments D & E are contiguous and while it is not currently the plan to construct them at the same time, there will be a cost savings by undertaking the Phase 2 work concurrently.

Budget Request Basis

Budget is based on Planning Level Engineer's Estimate, past experience and costs associated with past contracts for design, engineering, and construction.

Project Status

Segment C is currently in preliminary design with a targeted completion date of December 2016. Previously funded Segment B construction will be complete in Q3 2016. Segment A construction is slated for 2017.

Alternatives Analysis

A feasibility study for the Lake to Sound Trail was completed in June of 2009. This study identified routes and alternatives for the various missing segments of the Lake to Sound Trail. This proposal is consistent with the feasibility study.

Funding and Revenue Discussion

Other Agency Involvement

The Lake to Sound Trail is a partnership with the cities of Renton, Tukwila, SeaTac, Burien and Des Moines. Segment A is specifically located in the cities of Tukwila and Renton.

Art Eligibility

N/A

Equity and Social Justice Impact

This project may help remedy historic unevenness in access to recreation and mobility among disadvantaged populations.

Strategic Climate Action Plan Alignment

Sustainable Scorecard Platinum will be targeted for each segment of the trail. Parks seeks to minimize its impact on the environment, and by facilitating access to nature, hopes to educate the community of the need to protect open space for future generations.

Operating Budget Impacts

None anticipated. Once completed, it is anticipated that the cities will own, operate and maintain the trail.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

PKS SNOQUALMIE-FALL CITY REACH

1114767

Department	NATURAL RESOURCES AND PARKS
Council District(s)	3
Fund	3581 PARKS CAPITAL
Class Code	STANDALONE
Substantial Completion	
Location	Fall City vicinity
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition 01/01/10 - 12/31/18	\$1,315,000	\$371,000	\$0	\$0	\$1,686,000
Total Budget	\$1,315,000	\$371,000	\$0	\$0	\$1,686,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31111 - REAL PRPTY TAXES CURRENT	\$371,000	\$0	\$0	\$371,000
Total Revenue	\$371,000	\$0	\$0	\$371,000

EXPENSE

PKS SNOQUALMIE-FALL CITY REACH

1114767

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$0	\$0	\$0	\$0
2 Prelim Design	\$0		\$0	\$0	\$0	\$0
3 Final Design	\$0		\$0	\$0	\$0	\$0
4 Implementation	\$0		\$0	\$0	\$0	\$0
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$264,521	\$1,049,931	\$371,000	\$0	\$0	\$1,685,452
Total Expense	\$264,521	\$1,049,931	\$371,000	\$0	\$0	\$1,685,452

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$264,521	\$1,315,000	\$1,314,452
Total	\$0	\$0	\$264,521	\$1,315,000	\$1,314,452

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$548	\$371,000	\$371,000	\$548
Total	\$548	\$371,000	\$371,000	\$548

NARRATIVES

PKS SNOQUALMIE-FALL CITY REACH

1114767

Current Scope

Snoqualmie-Fall City Reach - Fee or easement acquisitions of 207 acres on the Snoqualmie River, downstream of the Raging River in the Fall City area. Acquisitions by King County will enable one or more salmon restoration projects, such as restoration of historic side channels, removal of revetment or levee facilities and setback projects.

Project Justification

These acquisitions will enable restoration projects that will increase the river's ability to migrate and create new habitats along with restoring connections to floodplain habitat critical to salmon rearing. This will be a significant step toward achieving the Snohomish River Basin Salmon Conservation Plan in one of the highest priority reaches in the Snoqualmie River. This effort supports the King County's Strategic Plan environmental sustainability goal and objective of protecting and restoring water quality, biodiversity, open space, and ecosystems. The Conservation Futures Tax (CFT) Citizens Committee, a council-appointed committee to advise on open space acquisitions, recommended this funding request.

Budget Request Basis

The budget request is basing on market value of the target property and recommended by the Conservation Futures Tax (CFT) Committee.

Project Status

This project will add to previous funding efforts dedicated to the Snohomish Basin Salmon Conservation Plan.

Alternatives Analysis

N/A

Funding and Revenue Discussion

King County Parks, Trails and Open Space Replacement Levy.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	PKS SNOQUALMIE-FALL CITY REACH	1114767
Other Agency Involvement		
This project is coordinated with the Water and Land Resources Division’s Agriculture Unit and the River and Floodplain Management section.		
Art Eligibility		
N/A		
Equity and Social Justice Impact		
N/A		
Strategic Climate Action Plan Alignment		
N/A		
Operating Budget Impacts		
King County Parks, Trails and Open Space Replacement Levy includes an annual adjusted allotment for stewardship of newly acquired lands.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

PKS ISSAQUAH CREEK PROTECTION

1114769

TA

Department	NATURAL RESOURCES AND PARKS
Council District(s)	9
Fund	3581 PARKS CAPITAL
Class Code	STANDALONE
Substantial Completion	
Location	Southeast of Issaquah
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition 01/01/15 - 12/31/18	\$962,500	(\$205,000)	\$0	\$0	\$757,500
Total Budget	\$962,500	(\$205,000)	\$0	\$0	\$757,500

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31111 - REAL PRPTY TAXES CURRENT	(\$205,000)	\$0	\$0	(\$205,000)
Total Revenue	(\$205,000)	\$0	\$0	(\$205,000)

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		PKS ISSAQUAH CREEK PROTECTION				1114769
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$0	\$0	\$0	\$0
2 Prelim Design	\$0		\$0	\$0	\$0	\$0
3 Final Design	\$0		\$0	\$0	\$0	\$0
4 Implementation	\$0		\$0	\$0	\$0	\$0
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$307,948	\$449,552	\$0	\$0	\$0	\$757,500
Total Expense	\$307,948	\$449,552	\$0	\$0	\$0	\$757,500

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$307,948	\$962,500	\$757,500
Total	\$0	\$0	\$307,948	\$962,500	\$757,500

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$205,000	(\$205,000)	\$0	\$0
Total	\$205,000	(\$205,000)	\$0	\$0

NARRATIVES

PKS ISSAQUAH CREEK PROTECTION

1114769

Current Scope

Issaquah Creek Protection - The Parks Division will acquire a 25-acre parcel on Issaquah Creek, located several miles southeast of Issaquah.

This budget request will reallocate unused balance to a project 1044743 PKS LWR CEDAR CONS AREA-PEL in Parks Capital Fund 3581.

Project Justification

This is a technical adjustment to reallocate unused balance to projects according to Conservation Futures Citizens Committee's recommendation.

Budget Request Basis

The budget request is basing on extra funding to be transferred to other project according to CFT recommendation.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	PKS ISSAQUAH CREEK PROTECTION	1114769
Project Status		
Acquisition process underway. Appraisal ordered		
Alternatives Analysis		
N/A		
Funding and Revenue Discussion		
King County Parks, Trails and Open Space Replacement Levy		
Other Agency Involvement		
N/A		
Art Eligibility		
N/A		
Equity and Social Justice Impact		
N/A		
Strategic Climate Action Plan Alignment		
N/A		
Operating Budget Impacts		
N/A		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

PKS SOOS CREEK REGIONAL PARK

1114770

TA

Department	NATURAL RESOURCES AND PARKS
Council District(s)	7
Fund	3581 PARKS CAPITAL
Class Code	STANDALONE
Substantial Completion	
Location	Covington
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$699,000	\$0	\$0	\$0	\$699,000
Total Budget	\$699,000	\$0	\$0	\$0	\$699,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

EXPENSE

PKS SOOS CREEK REGIONAL PARK

1114770

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$0	\$0	\$0	\$0
2 Prelim Design	\$0		\$0	\$0	\$0	\$0
3 Final Design	\$0		\$0	\$0	\$0	\$0
4 Implementation	\$0		\$0	\$0	\$0	\$0
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$392,648	\$1,000	\$0	\$0	\$0	\$393,648
Total Expense	\$392,648	\$1,000	\$0	\$0	\$0	\$393,648

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$392,648	\$699,000	\$393,648
Total	\$0	\$0	\$392,648	\$699,000	\$393,648

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$305,352	\$0	\$0	\$305,352
Total	\$305,352	\$0	\$0	\$305,352

NARRATIVES

PKS SOOS CREEK REGIONAL PARK

1114770

Current Scope

Soos Creek Regional Park - This project builds on a 2013 acquisition feasibility study to acquire lands for the southward extension of Soos Creek Park and Trail, and awards made for properties along Soos Creek. The target parcel is located within the habitat protection corridor between Kent and Covington, and into rural King County. This funding request would acquire over one-half mile of the Soos Creek corridor and associated Category 1 wetland, as combined with a recent 2015 purchase of adjacent land located on the southern boundary of Covington.

Scope is being expanded to include parcels owned by Washington State Department of Transportation on Soosette Creek in the Lower Soos Creek basin, 1.5 miles southwest of original project site. These parcels contain the stream corridor and surrounding forest.

Project Justification

The request would extend habitat protection corridor along Soos Creek and tributary Soosette Creek to assist salmon protection efforts in WRIA 9 and preserve important habitat and wetlands in a Chinook-spawning reach of Soos Creek immediately south of Covington. The Conservation Futures Tax (CFT) Citizens Committee, a council-appointed committee to advise on open space acquisitions, recommended this funding request.

Budget Request Basis

N/A

Project Status

Acquired 21 acres in original target area, in 2015. Negotiating in 2016 for another 45 acres just north of the acquired 21 acres; and for 22 acres of Roads property (Calhoun Pit) 0.5 miles north. New lands will be added to scope for 2017 budget.

Alternatives Analysis

N/A

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	PKS SOOS CREEK REGIONAL PARK	1114770
Funding and Revenue Discussion		
N/A		
Other Agency Involvement		
N/A		
Art Eligibility		
Technical adjustment for Acquisition project.		
Equity and Social Justice Impact		
N/A		
Strategic Climate Action Plan Alignment		
N/A		
Operating Budget Impacts		
King County Parks, Trails and Open Space Replacement Levy includes an annual adjusted allotment for stewardship of newly acquired lands.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

PKS MIDDLE FORK SNOQ NA ADD

1116947

Department	NATURAL RESOURCES AND PARKS
Council District(s)	3
Fund	3581 PARKS CAPITAL
Class Code	STANDALONE
Substantial Completion	
Location	North Bend
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$1	\$0	\$0	\$0	\$1
2 Preliminary Design	\$1	\$0	\$0	\$0	\$1
3 Final Design	\$1	\$0	\$0	\$0	\$1
4 Implementation	\$125,001	\$0	\$0	\$0	\$125,001
5 Closeout	\$1	\$0	\$0	\$0	\$1
6 Acquisition 01/01/13 - 12/31/18	\$225,001	\$59,305	\$0	\$0	\$284,306
Total Budget	\$350,006	\$59,305	\$0	\$0	\$409,311

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31111 - REAL PRPTY TAXES CURRENT	\$59,305	\$0	\$0	\$59,305
Total Revenue	\$59,305	\$0	\$0	\$59,305

EXPENSE

PKS MIDDLE FORK SNOQ NA ADD

1116947

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$0	\$0	\$0	\$0
2 Prelim Design	\$0		\$0	\$0	\$0	\$0
3 Final Design	\$0		\$0	\$0	\$0	\$0
4 Implementation	\$0		\$0	\$0	\$0	\$0
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$350,000		\$59,305	\$0	\$0	\$409,305
Total Expense	\$350,000		\$59,305	\$0	\$0	\$409,305

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$1	\$0
2 Preliminary Design	\$0	\$0	\$0	\$1	\$0
3 Final Design	\$0	\$0	\$0	\$1	\$0
4 Implementation	\$0	\$0	\$0	\$125,001	\$0
5 Closeout	\$0	\$0	\$0	\$1	\$0
6 Acquisition	\$0	\$0	\$350,000	\$225,001	\$350,000
Total	\$0	\$0	\$350,000	\$350,006	\$350,000

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$1	\$0	\$0	\$1
2 Preliminary Design	\$1	\$0	\$0	\$1
3 Final Design	\$1	\$0	\$0	\$1
4 Implementation	\$125,001	\$0	\$0	\$125,001
5 Closeout	\$1	\$0	\$0	\$1
6 Acquisition	(\$124,999)	\$59,305	\$59,305	(\$124,999)
Total	\$6	\$59,305	\$59,305	\$6

NARRATIVES

PKS MIDDLE FORK SNOQ NA ADD

1116947

Current Scope

Middle Fork Snoqualmie Natural Area Add - This project will fund acquisition by King County of approximately 6.5 acres as an addition to King County's Middle Fork Snoqualmie Natural Area.

Project Justification

This proposed project is to acquire a 6.5-acre parcel and one of the last remaining private inholdings in the Middle Fork Snoqualmie River Valley encompassing over 100,000 acres of public land owned by the US Forest Service, Washington Department of Natural Resources and King County. Acquisition of this parcel has long been a priority for many stakeholder groups and is supported by the multi-agency MidForc Concept Plan and Washington Department of Natural Resources Snoqualmie Corridor Recreation Plan. There are three other parcels in this area with one owner that are in the scope of this grant but the owner is unwilling to sell at this time. If these targeted properties are not acquired, they could be converted for residential and private use, causing loss of forest cover, fragmentation and degradation to important fish and wildlife habitat, impacts to the scenic character and reduced opportunities for low impact recreational use in a highly popular visited area of the county. This acquisition project adds to previous and extensive investments by the County and the State in the Middle Fork Snoqualmie.

Budget Request Basis

The budget request is basing on market value of the target property and recommended by the Conservation Futures Tax (CFT) Committee.

Project Status

King County will begin preliminary investigation including ordering a title report and conducting an appraisal as soon as budget authority has been secured.

Alternatives Analysis

N/A

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	PKS MIDDLE FORK SNOQ NA ADD	1116947
Funding and Revenue Discussion		
King County Parks, Trails and Open Space Replacement Levy. Note that the CFT Citizens Committee also recommended CFT funding for this project.		
Other Agency Involvement		
N/A		
Art Eligibility		
N/A		
Equity and Social Justice Impact		
N/A		
Strategic Climate Action Plan Alignment		
N/A		
Operating Budget Impacts		
King County Parks, Trails and Open Space Replacement Levy includes an annual adjusted allotment for stewardship of newly acquired lands.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

PKS WETLAND 14

1116951

Department	NATURAL RESOURCES AND PARKS
Council District(s)	9
Fund	3581 PARKS CAPITAL
Class Code	STANDALONE
Substantial Completion	
Location	188th Ave SE and SE 170th St , Renton 98055
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$1	\$0	\$0	\$0	\$1
2 Preliminary Design	\$1	\$0	\$0	\$0	\$1
3 Final Design	\$1	\$0	\$0	\$0	\$1
4 Implementation	\$1	\$0	\$0	\$0	\$1
5 Closeout	\$2	\$0	\$0	\$0	\$2
6 Acquisition 01/01/13 - 12/31/18	\$241,898	\$330,000	\$0	\$0	\$571,898
Total Budget	\$241,904	\$330,000	\$0	\$0	\$571,904

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31111 - REAL PRPTY TAXES CURRENT	\$330,000	\$0	\$0	\$330,000
Total Revenue	\$330,000	\$0	\$0	\$330,000

EXPENSE

PKS WETLAND 14

1116951

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$0	\$0	\$0	\$0
2 Prelim Design	\$302		\$0	\$0	\$0	\$302
3 Final Design	\$0		\$0	\$0	\$0	\$0
4 Implementation	\$0		\$0	\$0	\$0	\$0
5 Closeout	\$43		\$0	\$0	\$0	\$43
6 Acquisition	\$225,535	\$16,000	\$330,000	\$0	\$0	\$571,535
Total Expense	\$225,881	\$16,000	\$330,000	\$0	\$0	\$571,881

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$1	\$0
2 Preliminary Design	\$0	\$0	\$302	\$1	\$302
3 Final Design	\$0	\$0	\$0	\$1	\$0
4 Implementation	\$0	\$0	\$0	\$1	\$0
5 Closeout	\$0	\$0	\$43	\$2	\$43
6 Acquisition	\$0	\$0	\$225,535	\$241,898	\$241,535
Total	\$0	\$0	\$225,880	\$241,904	\$241,880

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$1	\$0	\$0	\$1
2 Preliminary Design	(\$301)	\$0	\$0	(\$301)
3 Final Design	\$1	\$0	\$0	\$1
4 Implementation	\$1	\$0	\$0	\$1
5 Closeout	(\$41)	\$0	\$0	(\$41)
6 Acquisition	\$363	\$330,000	\$330,000	\$363
Total	\$24	\$330,000	\$330,000	\$24

NARRATIVES

PKS WETLAND 14

1116951

Current Scope

Wetland 14 Natural Area - Acquire an inholding at Wetland 14 Natural Area, and additions to Spring Lake/Lake Desire Park.

Project Justification

Acquire the last remaining inholding at Wetland 14, which could allow for future restoration of the bog. Acquire additions to Spring Lake/Lake Desire Park and add to protected habitat and possibly add trail extensions. The Conservation Futures Tax (CFT) Citizens Committee, a council-appointed committee to advise on open space acquisitions, recommended this funding request.

Budget Request Basis

The budget request is basing on market value of the target property and recommended by the Conservation Futures Tax (CFT) Committee.

Project Status

Anticipated work with landowners to purchase property once funding is secured.

Alternatives Analysis

N/A

Funding and Revenue Discussion

King County Parks, Trail and Open Space Replacement Levy. Note that the CFT Citizens Committee also recommended CFT funding for this project which is budgeted in Fund 3151.

Other Agency Involvement

N/A

Art Eligibility

N/A

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	PKS WETLAND 14	1116951
Equity and Social Justice Impact		
N/A		
Strategic Climate Action Plan Alignment		
N/A		
Operating Budget Impacts		
King County Parks, Trails and Open Space Replacement Levy includes an annual, inflation-adjusted allotment for stewardship of newly-acquired natural lands.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

PKS MAURY IS ADDITIONS

1116958

Department	NATURAL RESOURCES AND PARKS
Council District(s)	8
Fund	3581 PARKS CAPITAL
Class Code	STANDALONE
Substantial Completion	
Location	near Vashon Island
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$1	\$0	\$0	\$0	\$1
2 Preliminary Design	\$1	\$0	\$0	\$0	\$1
3 Final Design	\$1	\$0	\$0	\$0	\$1
4 Implementation	\$1	\$0	\$0	\$0	\$1
5 Closeout	\$2	\$0	\$0	\$0	\$2
6 Acquisition 01/01/15 - 12/31/18	\$732,001	\$500,000	\$0	\$0	\$1,232,001
Total Budget	\$732,007	\$500,000	\$0	\$0	\$1,232,007

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31111 - REAL PRPTY TAXES CURRENT	\$500,000	\$0	\$0	\$500,000
Total Revenue	\$500,000	\$0	\$0	\$500,000

EXPENSE

PKS MAURY IS ADDITIONS

1116958

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$0	\$0	\$0	\$0
2 Prelim Design	\$0		\$0	\$0	\$0	\$0
3 Final Design	\$0		\$0	\$0	\$0	\$0
4 Implementation	\$0		\$0	\$0	\$0	\$0
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$403,706	\$328,300	\$500,000	\$0	\$0	\$1,232,006
Total Expense	\$403,706	\$328,300	\$500,000	\$0	\$0	\$1,232,006

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$1	\$0
2 Preliminary Design	\$0	\$0	\$0	\$1	\$0
3 Final Design	\$0	\$0	\$0	\$1	\$0
4 Implementation	\$0	\$0	\$0	\$1	\$0
5 Closeout	\$0	\$0	\$0	\$2	\$0
6 Acquisition	\$0	\$0	\$403,706	\$732,001	\$732,006
Total	\$0	\$0	\$403,706	\$732,007	\$732,006

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$1	\$0	\$0	\$1
2 Preliminary Design	\$1	\$0	\$0	\$1
3 Final Design	\$1	\$0	\$0	\$1
4 Implementation	\$1	\$0	\$0	\$1
5 Closeout	\$2	\$0	\$0	\$2
6 Acquisition	(\$5)	\$500,000	\$500,000	(\$5)
Total	\$1	\$500,000	\$500,000	\$1

NARRATIVES

PKS MAURY IS ADDITIONS

1116958

Current Scope

Maury Island Additions - The Parks Division will acquire fee on five targeted parcels (one owner, 40 acres) adding to Maury Island public lands.

Project Justification

This acquisition project is part of an ongoing effort to create a “green” and “accessible” corridor of public open space that connects Maury Island Marine Park on Puget Sound to Dockton Forest and Park on Quartermaster Harbor. This acquisition project is part of the Maury Island Community Trail Plan and would add 5 parcels totaling 40 acres to existing public open space in the area that includes the 325-acre Maury Island Marine Park, the 275-acre Maury Island Natural Area (former Glacier mine site), and the 120-acre Dockton Park, Forest and Natural Area.

Budget Request Basis

The budget request is basing on market value of the target property and recommended by the Conservation Futures Tax (CFT) Committee.

Project Status

This is an ongoing project that adds value to prior allocations for park acquisition in the area. The project is completing appraisals on the 5 parcels and will soon commence negotiations with the owner.

Alternatives Analysis

N/A

Funding and Revenue Discussion

King County Parks, Trails and Open Space Replacement Levy. Note that the CFT Citizens Committee also recommended CFT funding for this project.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	PKS MAURY IS ADDITIONS	1116958
Other Agency Involvement		
N/A		
Art Eligibility		
N/A		
Equity and Social Justice Impact		
N/A		
Strategic Climate Action Plan Alignment		
N/A		
Operating Budget Impacts		
King County Parks, Trails and Open Space Replacement Levy includes an annual adjusted allotment for stewardship of newly acquired lands.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

PKS M:EASTSIDE RAIL CORR (ERC)

1121155

Master Project, Green Building Reporting, Art Eligible

Department	NATURAL RESOURCES AND PARKS
Council District(s)	3, 6, 9
Fund	3581 PARKS CAPITAL
Class Code	PKS M:EASTSIDE RAIL CORR (ERC)
Substantial Completion	
Location	Renton to Woodinville
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/01/15 - 12/31/18	\$4,753,040	\$594,060	\$0	\$0	\$5,347,100
2 Preliminary Design 01/01/17 - 12/31/18	\$1	\$2,103,000	\$200,000	\$0	\$2,303,001
3 Final Design 01/01/17 - 12/31/18	\$1	\$3,831,653	\$3,500,000	\$0	\$7,331,654
4 Implementation 01/01/15 - 12/31/18	\$2,444,001	\$974,287	\$600,000	\$0	\$4,018,288
5 Closeout	\$1	\$0	\$200,000	\$0	\$200,001
6 Acquisition	\$226,601	\$0	\$1,500,000	\$0	\$1,726,601
Total Budget	\$7,423,646	\$7,503,000	\$6,000,000	\$0	\$20,926,646

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$74,287	\$0	\$0	\$74,287

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31111 - REAL PRPTY TAXES CURRENT	\$7,503,000	\$4,500,000	\$0	\$12,003,000
Total Revenue	\$7,503,000	\$4,500,000	\$0	\$12,003,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		PKS M:EASTSIDE RAIL CORR (ERC)				1121155
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$2,626,399	\$1,800,000	\$894,060	\$0	\$0	\$5,320,459
2 Prelim Design	\$50,573	\$40,000	\$2,103,000	\$200,000	\$0	\$2,393,573
3 Final Design	\$3,407	\$20,000	\$3,831,653	\$3,500,000	\$0	\$7,355,060
4 Implementation	\$355,424	\$88,577	\$2,974,287	\$600,000	\$0	\$4,018,288
5 Closeout	\$112		\$0	\$200,000	\$0	\$200,112
6 Acquisition	\$20,553	\$118,000	\$0	\$1,500,000	\$0	\$1,638,553
Total Expense	\$3,056,468	\$2,066,577	\$9,803,000	\$6,000,000	\$0	\$20,926,045

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$2,626,399	\$4,753,040	\$4,426,399
2 Preliminary Design	\$0	\$0	\$50,573	\$1	\$90,573
3 Final Design	\$0	\$0	\$3,407	\$1	\$23,407
4 Implementation	\$0	\$0	\$355,424	\$2,444,001	\$444,001
5 Closeout	\$0	\$0	\$112	\$1	\$112
6 Acquisition	\$0	\$0	\$20,553	\$226,601	\$138,553
Total	\$0	\$0	\$3,056,468	\$7,423,645	\$5,123,045

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$326,641	\$594,060	\$894,060	\$26,641
2 Preliminary Design	(\$90,572)	\$2,103,000	\$2,103,000	(\$90,572)
3 Final Design	(\$23,406)	\$3,831,653	\$3,831,653	(\$23,406)
4 Implementation	\$2,000,001	\$974,287	\$2,974,287	\$1
5 Closeout	(\$111)	\$0	\$0	(\$111)
6 Acquisition	\$88,048	\$0	\$0	\$88,048
Total	\$2,300,601	\$7,503,000	\$9,803,000	\$601

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

PKS M:EASTSIDE RAIL CORR (ERC)

1121155

Current Scope

Eastside Rail Corridor - Master Planning of the King County-owned portion of the Eastside Rail Corridor (ERC) Regional Trail Project began in 2014 and will be completed in late 2016. The Eastside Rail Corridor was once owned by the Burlington Northern Santa Fe (BNSF) Railroad. King County's ownership is in the rail banked portion of the ERC, which extends from Renton north to Woodinville. King County also owns a 3.6 mile trail easement between Woodinville and Brightwater. The County has worked with its ERC partners as part of a Regional Advisory Council to establish policy guidelines for coordinated planning for the corridor. The goal of the King County Parks ERC Regional Trail project is planning, design, and construction of a continuous trail in the ERC. Segments owned by other owners (Kirkland and Redmond) already are in construction.

This appropriation funds the following: preliminary and final design on the Wilburton Segment of the ERC Regional Trail (between I-90 and 108th Avenue NE); completes final design on the NE 8th Street trail bridge in Bellevue; designs and constructs trail retrofits and repairs to trestles in the Lakefront Segment of the ERC (from I-90 south to Milepost 5 in Renton); designs and constructs parking areas for the trail in the Lakefront Segment, and sections of interim trail.

Project Justification

Development of a regional trail in the ERC is a recognized, long-term regional goal. As evidence of this, King County Council Ordinance 16738 (December 2009) requested the Executive negotiate contracts to ensure that the ERC be developed and operated for the dual purposes of recreational trail and public transportation. King County Ordinance 2012-0353.2 (December 2012) approved acquisition for development of regional trail and transit uses, subject to the requirements of the Growth Management Act, chapter 36. "Creating Connections," an October 2013 report issued by the ERC Regional Advisory Council, further testified to the importance of developing a regional trail, among other uses, in the ERC.

The project is included in the 2012 King County Comprehensive Plan (updated November 2013) page 6-38. The project is also included in King County's long-range regional trails plan, the Regional Trails Needs Report (RTNR), which is part of the King County Comprehensive Plan. When completed the overall ERC Trail will be the central corridor of the Regional Trails System in King County and provide unparalleled opportunities for regional nonmotorized mobility and active recreation.

The Eastside Rail Corridor Trail will be one of the most important active transportation facilities in the central Puget Sound region. Its location and alignment, linking major Eastside cities, and its connectivity with the regional trails network and intermodal connections ensure that it will play a central role in our area's transportation future.

The ERC Trail will also create a unique urban regional recreation opportunity providing miles of convenient open space for walking, biking, running, skating, and other activities. This important regional trail will be designed and developed with trail safety and user enjoyment as a core goal. The intent is to provide a high quality facility and use experience for a wide range of users. The ERC Trail will address an increasing demand for active transportation facilities on the Eastside and throughout our region.

The development of the Eastside Rail Corridor (ERC) into an active nonmotorized transportation route provides an opportunity for King County to make progress toward its goal of reducing GHG emissions 80% by 2050 (as compared to a 2007 baseline). The location, relatively convenient access, and scope of the ERC Trail are expected to promote a mode shift to active transportation surrounding the corridor. Modeling by the Trust for Public Land in 2015 estimated that the entire ERC Trail will reduce vehicle travel by 575,000 vehicle miles traveled (VMT) annually. Considered on a "per trip basis", every 1 mile biked on the Eastside Rail Corridor, rather than driven, results in emission saving of 0.91 lbs. CO2. The methodology assumes an average trip length of 6.1 miles based on WSDOT data. We estimate an average number of trips per day on the ERC at 2000-3000, with peak volumes as high as 4,000 trips per day, with 332 days of use per year based on weather and number of commute days per week. (This is about a million trips per year.) Therefore, when in operation, the ERC Trail will generate 1,000,000 bicycle trips per year, equating to a carbon reduction benefit of over 5.5 million lbs. of CO2 annually.

Budget Request Basis

Budget is based on planning level Project Manager's Estimate, past experience and costs associated with past contracts for design, engineering, and construction.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

PKS M:EASTSIDE RAIL CORR (ERC)

1121155

Project Status

The ERC Trail Master Plan was completed in the current biennium and will be transmitted for Council adoption in 4th quarter 2016. Other work occurring in this biennium was funded in a mid-biennium supplemental budget in 2015 – including removal of rails from the corridor and implementation of an interim trail segment in north Bellevue.

Alternatives Analysis

N/A

Funding and Revenue Discussion

Other Agency Involvement

This project involves coordination and participation of multiple external agencies including City of Bellevue, Sound Transit, Puget Sound Energy, Cities of Bellevue, Kirkland, Redmond, Renton and Woodinville. Internal agencies involved include Wastewater Treatment Division, DOT, FMD Real Estate Services, the Council and Executive's Office. The nature of the project as a high priority and multi-use corridor with complex partner relationships and stakeholder involvement is recognized and accounted for in all aspects of project planning in order to ensure intended outcomes and minimize project risks.

Art Eligibility

N/A

Equity and Social Justice Impact

Trails provide additional options for recreation and mobility to historically underserved and economically disadvantaged populations.

Strategic Climate Action Plan Alignment

Green Building is applicable but not yet determined as the project is too early in planning.

Operating Budget Impacts

No immediate operating budget impacts are anticipated at this time. However, as capital improvements and major maintenance projects enter and complete construction phases, this work is anticipated to have impacts on the operating budget. For more context concerning future anticipated impacts of the capital program implementation on operations, please refer to the Parks Line of Business Plan.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

PKS M:TRAILHEAD DEV & ACCESS

1121443

Master Project, Green Building Reporting, Art Eligible

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3581 PARKS CAPITAL
Class Code	PKS M:TRAILHEAD DEV & ACCESS
Substantial Completion	
Location	Countywide
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$7	\$292,500	\$0	\$0	\$292,507
2 Preliminary Design	\$131,340	\$585,000	\$0	\$0	\$716,340
3 Final Design	\$5	\$1,230,000	\$0	\$0	\$1,230,005
4 Implementation	\$2,578,694	\$4,014,778	\$1,750,000	\$0	\$8,343,472
5 Closeout	\$7	\$332,500	\$50,000	\$0	\$382,507
6 Acquisition	\$5	\$0	\$0	\$0	\$5
Total Budget	\$2,710,059	\$6,454,778	\$1,800,000	\$0	\$10,964,837

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$65,650	\$0	\$0	\$65,650

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31111 - REAL PRPTY TAXES CURRENT	\$3,486,101	\$1,800,000	\$0	\$5,286,101
39776 - CONTRIB REET #2	\$1,965,355	\$0	\$0	\$1,965,355
39789 - CONTRIB REET #1	\$1,003,322	\$0	\$0	\$1,003,322
Total Revenue	\$6,454,778	\$1,800,000	\$0	\$8,254,778

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		PKS M:TRAILHEAD DEV & ACCESS				1121443
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$76,999	\$17,000	\$190,000	\$0	\$0	\$283,999
2 Prelim Design	\$38,156	\$7,000	\$595,000	\$0	\$0	\$640,156
3 Final Design	\$298,421	\$70,000	\$1,200,000	\$0	\$0	\$1,568,421
4 Implementation	\$1,384,005	\$692,851	\$4,218,150	\$1,750,000	\$0	\$8,045,006
5 Closeout	\$5,126	\$10,000	\$312,500	\$50,000	\$0	\$377,626
6 Acquisition	\$311		\$0	\$0	\$0	\$311
Total Expense	\$1,803,018	\$796,851	\$6,515,650	\$1,800,000	\$0	\$10,915,519

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$76,999	\$7	\$93,999
2 Preliminary Design	\$0	\$0	\$38,156	\$131,340	\$45,156
3 Final Design	\$0	\$0	\$298,421	\$5	\$368,421
4 Implementation	\$0	\$0	\$1,384,005	\$2,578,694	\$2,076,856
5 Closeout	\$0	\$0	\$5,126	\$7	\$15,126
6 Acquisition	\$0	\$0	\$311	\$5	\$311
Total	\$0	\$0	\$1,803,018	\$2,710,058	\$2,599,869

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$93,992)	\$292,500	\$190,000	\$8,508
2 Preliminary Design	\$86,184	\$585,000	\$595,000	\$76,184
3 Final Design	(\$368,416)	\$1,230,000	\$1,200,000	(\$338,416)
4 Implementation	\$501,838	\$4,014,778	\$4,218,150	\$298,466
5 Closeout	(\$15,119)	\$332,500	\$312,500	\$4,881
6 Acquisition	(\$306)	\$0	\$0	(\$306)
Total	\$110,189	\$6,454,778	\$6,515,650	\$49,317

NARRATIVES	PKS M:TRAILHEAD DEV & ACCESS	1121443
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Current Scope

Trailhead Development and Access - The scope of this project includes needed trailhead and access development at park/trail locations throughout the King County Parks system to provide access to 185 miles of maintained backcountry trails.

The proposed funding will complete design, permitting, and construction on five high priority trailhead projects. When complete in 2019, a total of 11 new trailheads will be constructed by this program.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

PKS M:TRAILHEAD DEV & ACCESS

1121443

Project Justification

This program is a 2014-2019 Parks Levy Commitment. Parks is currently behind schedule with respect to fulfilling the levy commitments for Trailhead projects. Funding for this work is needed in 2017 in order to complete work on the identified scope. The request is needed to produce the contract documents, secure permits, procure the construction contract, project construction, trail development, and staff resources.

Budget Request Basis

Budget is based on planning level estimates using cost data from trailhead projects completed in the past two years.

Project Status

Five Trailhead projects (Duthie Hill, Black Diamond East, Black Diamond West, and Taylor Mountain) were complete in 2014/15/16. Pinnacle Peak Trailhead will be completed in 2016. Design and Permitting are planned for six remaining trailheads. Construction is planned for 5 of the six in 2017/18 and the remaining one in 2019.

Alternatives Analysis

Each trailhead location is reviewed for a variety of possible siting alternatives during the design process.

Funding and Revenue Discussion

Other Agency Involvement

Agency involvement varies with location.

Art Eligibility

N/A

Equity and Social Justice Impact

King County's park system impacts determinants of equity such as access to parks and natural resources, healthy built and natural environments, and strong, vibrant neighborhoods. These investments will benefit underserved communities and disadvantaged individuals that use these facilities.

Strategic Climate Action Plan Alignment

Programmatic Sustainable Scorecard targeting Platinum. Parks seeks to minimize its impact on the environment, and by facilitating access to nature, hopes to educate the community of the need to protect open space for future generations.

Operating Budget Impacts

No immediate operating budget impacts are anticipated at this time. However, as capital improvements and major maintenance projects enter and complete construction phases, this work is anticipated to have impacts on the operating budget. For more context concerning future anticipated impacts of the capital program implementation on operations, please refer to the Parks Line of Business Plan.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

PKS M:STEVE COX MEMORIAL PARK

1121444

Master Project, Green Building Reporting, Art Eligible

Department	NATURAL RESOURCES AND PARKS
Council District(s)	8
Fund	3581 PARKS CAPITAL
Class Code	PKS M:STEVE COX MEMORIAL PARK
Substantial Completion	
Location	Steve Cox Memorial Park
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/01/15 - 12/31/18	\$1,240	\$50,000	\$0	\$0	\$51,240
2 Preliminary Design 01/01/15 - 12/31/18	\$9,396	\$0	\$0	\$0	\$9,396
3 Final Design 01/01/15 - 12/31/18	\$59,688	\$427,000	\$0	\$0	\$486,688
4 Implementation 01/01/15 - 12/31/18	\$2,261,240	\$1,570,780	\$700,000	\$0	\$4,532,020
5 Closeout 01/01/15 - 12/31/18	\$18,979	\$50,948	\$0	\$0	\$69,927
6 Acquisition	\$2	\$0	\$0	\$0	\$2
Total Budget	\$2,350,545	\$2,098,728	\$700,000	\$0	\$5,149,273

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$20,779	\$0	\$0	\$20,779

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
36999 - OTHER MISC REVENUE	\$2,068,853	\$0	\$0	\$2,068,853
39789 - CONTRIB REET #1	\$29,874	\$700,000	\$0	\$729,874
Total Revenue	\$2,098,727	\$700,000	\$0	\$2,798,727

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		PKS M:STEVE COX MEMORIAL PARK					1121444
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense	
1 Planning	\$53,165		\$22,052	\$0	\$0	\$75,217	
2 Prelim Design	\$18,658		\$0	\$0	\$0	\$18,658	
3 Final Design	\$41,753	\$17,935	\$427,000	\$0	\$0	\$486,688	
4 Implementation	\$215,071	\$3,703	\$3,529,875	\$700,000	\$0	\$4,448,649	
5 Closeout	\$28		\$50,948	\$0	\$0	\$50,976	
6 Acquisition	\$244		\$0	\$0	\$0	\$244	
Total Expense	\$328,919	\$21,638	\$4,029,875	\$700,000	\$0	\$5,080,432	

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$53,165	\$1,240	\$53,165
2 Preliminary Design	\$0	\$0	\$18,658	\$9,396	\$18,658
3 Final Design	\$0	\$0	\$41,753	\$59,688	\$59,688
4 Implementation	\$0	\$0	\$215,071	\$2,261,240	\$218,774
5 Closeout	\$0	\$0	\$28	\$18,979	\$28
6 Acquisition	\$0	\$0	\$244	\$2	\$244
Total	\$0	\$0	\$328,919	\$2,350,545	\$350,557

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$51,924)	\$50,000	\$22,052	(\$23,976)
2 Preliminary Design	(\$9,262)	\$0	\$0	(\$9,262)
3 Final Design	\$0	\$427,000	\$427,000	\$0
4 Implementation	\$2,042,466	\$1,570,780	\$3,529,875	\$83,371
5 Closeout	\$18,951	\$50,948	\$50,948	\$18,951
6 Acquisition	(\$242)	\$0	\$0	(\$242)
Total	\$1,999,989	\$2,098,728	\$4,029,875	\$68,842

NARRATIVES PKS M:STEVE COX MEMORIAL PARK 1121444

Current Scope

Steve Cox Memorial Park - The project consists of four renovations throughout the park as recommended in the 2008 Major Maintenance Study and the 2012 update: 1) Convert the multi-purpose ballfield from grass to synthetic turf including infrastructure upgrades such as lights and drainage upgrades; 2) Replacement of the 2,200 square foot built-up roof and 1,000 square foot perimeter cedar shake mansard roof at the racquetball court building; 3) Complete rehabilitation of the existing 38,000 square foot parking lot. The scope of work includes the preparation and repair of existing asphalt/subgrade defects, asphalt overlay, striping and the replacement of spalling wheel stops; 4) The stadium is in a state of deterioration due to water/weather intrusion. This project would replace the existing roof surface, repair existing roof framing, replace and add necessary gutters and downspouts, re-seal weather damaged CMU (concrete masonry unit) exterior walls, replace water damaged wallboard, flooring and doors in the press box area.

This appropriation will fund completion of design and construction on the conversion of the grass field to synthetic turf including lighting and drainage.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

PKS M:STEVE COX MEMORIAL PARK

1121444

Project Justification

By converting the multi-purpose field from grass to synthetic, the field can be used more often throughout the year. Currently, the field must rest for a season in order for the grass to recuperate.

Budget Request Basis

Budget is based on Planning Level Engineer's Estimate, past experience and costs associated with past contracts for design, engineering, and construction.

Project Status

On-going projects.
Turf installation is the only remaining project from the original scope.

Alternatives Analysis

A non-action alternative will result in a worsening of a known deteriorating condition, which may impact the Parks Division's ability to fulfill its mission. Delays in addressing this condition may result in additional costs or closure of park facilities.

Funding and Revenue Discussion

One time funding from Car Rental Tax for 2017-18.

Other Agency Involvement

N/A

Art Eligibility

N/A

Equity and Social Justice Impact

King County's park system impacts determinants of equity such as access to parks and natural resources, healthy built and natural environments, and strong, vibrant neighborhoods. These investments will benefit underserved communities and disadvantaged individuals that use these facilities.

Strategic Climate Action Plan Alignment

Programmatic Sustainable Scorecard Platinum will be targeted.
Parks seeks to minimize its impact on the environment, and by facilitating access to nature, hopes to educate the community of the need to protect open space for future generations.

Operating Budget Impacts

No immediate operating budget impacts are anticipated at this time. However, as capital improvements and major maintenance projects enter and complete construction phases, this work is anticipated to have impacts on the operating budget. For more context concerning future anticipated impacts of the capital program implementation on operations, please refer to the Parks Line of Business Plan.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

PKS M:NEWAUKUM/BIG SPRING CRK

1121445

Department	NATURAL RESOURCES AND PARKS
Council District(s)	9
Fund	3581 PARKS CAPITAL
Class Code	STANDALONE
Substantial Completion	
Location	Northwest of Enumclaw
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition 01/01/15 - 12/31/18	\$250,000	\$400,000	\$0	\$0	\$650,000
Total Budget	\$250,000	\$400,000	\$0	\$0	\$650,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31111 - REAL PRPTY TAXES CURRENT	\$400,000	\$0	\$0	\$400,000
Total Revenue	\$400,000	\$0	\$0	\$400,000

EXPENSE

PKS M:NEWAUKUM/BIG SPRING CRK

1121445

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$0	\$0	\$0	\$0
2 Prelim Design	\$0		\$0	\$0	\$0	\$0
3 Final Design	\$0		\$0	\$0	\$0	\$0
4 Implementation	\$0		\$0	\$0	\$0	\$0
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$181,198	\$68,803	\$400,000	\$0	\$0	\$650,001
Total Expense	\$181,198	\$68,803	\$400,000	\$0	\$0	\$650,001

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$181,198	\$250,000	\$250,001
Total	\$0	\$0	\$181,198	\$250,000	\$250,001

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	(\$1)	\$400,000	\$400,000	(\$1)
Total	(\$1)	\$400,000	\$400,000	(\$1)

NARRATIVES

PKS M:NEWAUKUM/BIG SPRING CRK

1121445

Current Scope

Newaukum Big Spring Creek - This project is ongoing restoration work in the basin: the major CIP work on Big Spring Creek and the small-scale plantings and restoration which have planted >200,000 trees along Big Spring and Newaukum Creeks since 2007. Building the size of this natural area expands public land where beaver can recolonize sites and act as agents for restoration, thereby potentially reducing future drainage complaints on private lands.

This request is to acquire approximately 36 acres (2 parcels) as additions to King County Parks' Big Spring/Newaukum Creek Natural Area. Parcels located fully or partially within Enumclaw. These acquisitions support ongoing restoration work in the basin.

Project Justification

Acquisitions will preserve open space adjacent to existing natural areas, and/or allow removal of built structures and restoration. Acquisition of a portion of one residential parcel will preserve open space and habitat value of the undeveloped part of this property. Chinook and steelhead spawn and rear along this portion of Newaukum Creek; also there is extensive bird species diversity. The Conservation Futures Tax (CFT) Citizens Committee, a council-appointed committee to advise on open space acquisitions, recommended this funding request.

Budget Request Basis

The budget request is basing on market value of the target property and recommended by the Conservation Futures Tax (CFT) Committee.

Project Status

This is an on-going project.

Alternatives Analysis

N/A

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

PKS M:NEWAUKUM/BIG SPRING CRK

1121445

Funding and Revenue Discussion

King County Parks, Trails and Open Space Replacement Levy. Note that the CFT Citizens Committee also recommended CFT funding for this project.

Other Agency Involvement

N/A

Art Eligibility

N/A

Equity and Social Justice Impact

N/A

Strategic Climate Action Plan Alignment

N/A

Operating Budget Impacts

King County Parks, Trails and Open Space Replacement Levy includes an annual, inflation-adjusted allotment for stewardship of newly-acquired natural lands.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

PKS M:GRIFFIN CREEK NA

1121451

Department	NATURAL RESOURCES AND PARKS
Council District(s)	3
Fund	3581 PARKS CAPITAL
Class Code	STANDALONE
Substantial Completion	
Location	Carnation
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$1	\$0	\$0	\$0	\$1
2 Preliminary Design	\$1	\$0	\$0	\$0	\$1
3 Final Design	\$1	\$0	\$0	\$0	\$1
4 Implementation	\$1	\$0	\$0	\$0	\$1
5 Closeout	\$1	\$0	\$0	\$0	\$1
6 Acquisition 01/01/15 - 12/31/18	\$500,001	\$70,000	\$0	\$0	\$570,001
Total Budget	\$500,006	\$70,000	\$0	\$0	\$570,006

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31111 - REAL PRPTY TAXES CURRENT	\$70,000	\$0	\$0	\$70,000
Total Revenue	\$70,000	\$0	\$0	\$70,000

EXPENSE

PKS M:GRIFFIN CREEK NA

1121451

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$0	\$0	\$0	\$0
2 Prelim Design	\$0		\$0	\$0	\$0	\$0
3 Final Design	\$0		\$0	\$0	\$0	\$0
4 Implementation	\$0		\$0	\$0	\$0	\$0
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$269,487	\$200,000	\$70,000	\$0	\$0	\$539,487
Total Expense	\$269,487	\$200,000	\$70,000	\$0	\$0	\$539,487

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$1	\$0
2 Preliminary Design	\$0	\$0	\$0	\$1	\$0
3 Final Design	\$0	\$0	\$0	\$1	\$0
4 Implementation	\$0	\$0	\$0	\$1	\$0
5 Closeout	\$0	\$0	\$0	\$1	\$0
6 Acquisition	\$0	\$0	\$269,487	\$500,001	\$469,487
Total	\$0	\$0	\$269,487	\$500,006	\$469,487

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$1	\$0	\$0	\$1
2 Preliminary Design	\$1	\$0	\$0	\$1
3 Final Design	\$1	\$0	\$0	\$1
4 Implementation	\$1	\$0	\$0	\$1
5 Closeout	\$1	\$0	\$0	\$1
6 Acquisition	\$30,514	\$70,000	\$70,000	\$30,514
Total	\$30,519	\$70,000	\$70,000	\$30,519

NARRATIVES

PKS M:GRIFFIN CREEK NA

1121451

Current Scope

Griffin Creek Natural Area - This project would fund the fee simple acquisition of a 1.67-acre parcel addition to the Griffin Creek Natural Area, southeast of Carnation. Ongoing acquisition project to acquire missing links in the protection of Griffin Creek and connect two separate portions of Griffin Creek Natural Area.

Project Justification

The completion of the Griffin Creek Natural Area will protect important habitat and habitat forming processes and contribute to the recovery of ESA (Endangered Species Act)-listed Chinook salmon and steelhead trout. Target parcel is between RM (River Mile) 1 and 2.5 of Griffin Creek, approximately 2 miles SE of Carnation. This parcel would be added to the Griffin Creek Natural Area in an effort to protect this critical habitat from the headwaters to the mouth. The Conservation Futures Tax (CFT) Citizens Committee, a council-appointed committee to advise on open space acquisitions, recommended this funding request.

Budget Request Basis

The budget request is basing on market value of the target property and recommended by the Conservation Futures Tax (CFT) Committee.

Project Status

Anticipated work with landowner to purchase property once funding is secured.

Alternatives Analysis

N/A

Funding and Revenue Discussion

King County Parks, Trails and Open Space Levy. Note that the CFT Citizens Committee also recommended CFT funding for this project which is budgeted in Fund 3151.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	PKS M:GRIFFIN CREEK NA	1121451
Other Agency Involvement		
N/A		
Art Eligibility		
N/A		
Equity and Social Justice Impact		
N/A		
Strategic Climate Action Plan Alignment		
N/A		
Operating Budget Impacts		
King County Parks, Trails and Open Space Replacement Levy includes an annual, inflation-adjusted allotment for stewardship of newly-acquired natural lands.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

PKS M:PINER POINT NATURAL AREA

1121452

Department	NATURAL RESOURCES AND PARKS
Council District(s)	8
Fund	3581 PARKS CAPITAL
Class Code	STANDALONE
Substantial Completion	
Location	Vashon Island
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$1	\$0	\$0	\$0	\$1
2 Preliminary Design	\$1	\$0	\$0	\$0	\$1
3 Final Design	\$1	\$0	\$0	\$0	\$1
4 Implementation	\$1	\$0	\$0	\$0	\$1
5 Closeout	\$1	\$0	\$0	\$0	\$1
6 Acquisition 01/01/15 - 12/31/18	\$250,001	\$350,000	\$0	\$0	\$600,001
Total Budget	\$250,006	\$350,000	\$0	\$0	\$600,006

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31111 - REAL PRPTY TAXES CURRENT	\$350,000	\$0	\$0	\$350,000
Total Revenue	\$350,000	\$0	\$0	\$350,000

EXPENSE

PKS M:PINER POINT NATURAL AREA

1121452

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$0	\$0	\$0	\$0
2 Prelim Design	\$0		\$0	\$0	\$0	\$0
3 Final Design	\$0		\$0	\$0	\$0	\$0
4 Implementation	\$0		\$0	\$0	\$0	\$0
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$250,006		\$350,000	\$0	\$0	\$600,006
Total Expense	\$250,006		\$350,000	\$0	\$0	\$600,006

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$1	\$0
2 Preliminary Design	\$0	\$0	\$0	\$1	\$0
3 Final Design	\$0	\$0	\$0	\$1	\$0
4 Implementation	\$0	\$0	\$0	\$1	\$0
5 Closeout	\$0	\$0	\$0	\$1	\$0
6 Acquisition	\$0	\$0	\$250,006	\$250,001	\$250,006
Total	\$0	\$0	\$250,006	\$250,006	\$250,006

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$1	\$0	\$0	\$1
2 Preliminary Design	\$1	\$0	\$0	\$1
3 Final Design	\$1	\$0	\$0	\$1
4 Implementation	\$1	\$0	\$0	\$1
5 Closeout	\$1	\$0	\$0	\$1
6 Acquisition	(\$5)	\$350,000	\$350,000	(\$5)
Total	\$0	\$350,000	\$350,000	\$0

NARRATIVES

PKS M:PINER POINT NATURAL AREA

1121452

Current Scope

Piner Point Natural Area - The project will acquire 4 parcels (8 acres) in fee as additions to Piner Point Natural Area.

Project Justification

This purchase allows King County to expand our shoreline preservation and restoration activities. Acquisition of these parcels continues an earlier effort (through the Maury Island Conservation Initiative) to preserve critical near shore habitat. The properties are found in the Maury Island Aquatic Reserve.

The Conservation Futures Tax (CFT) Citizens Committee, a council-appointed committee to advise on open space acquisitions, recommended this funding request.

Budget Request Basis

The budget request is basing on market value of the target property and recommended by the Conservation Futures Tax (CFT) Committee.

Project Status

An appraisal has been ordered for the target parcels.

Alternatives Analysis

N/A

Funding and Revenue Discussion

King County Parks, Trails and Open Space Replacement Levy. Note that the CFT Citizens Committee also recommended CFT funding for this project.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	PKS M:PINER POINT NATURAL AREA	1121452
Other Agency Involvement		
N/A		
Art Eligibility		
N/A		
Equity and Social Justice Impact		
N/A		
Strategic Climate Action Plan Alignment		
N/A		
Operating Budget Impacts		
King County Parks, Trails and Open Space Replacement Levy includes an annual adjusted allotment for stewardship of newly acquired lands.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

PKS M:RTS GATEWAYS/TRAILHEADS

1121454

Master Project, TA

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3581 PARKS CAPITAL
Class Code	PKS M:RTS GATEWAYS/TRAILHEADS
Substantial Completion	
Location	Countywide
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$2,001	(\$1,621)	\$0	\$0	\$380
2 Preliminary Design	\$30,084	(\$30,083)	\$0	\$0	\$1
3 Final Design	\$90,833	(\$90,832)	\$0	\$0	\$1
4 Implementation	\$448,010	(\$448,009)	\$0	\$0	\$1
5 Closeout	\$3,001	(\$3,000)	\$0	\$0	\$1
6 Acquisition	\$1	\$0	\$0	\$0	\$1
Total Budget	\$573,930	(\$573,545)	\$0	\$0	\$385

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31111 - REAL PRPTY TAXES CURRENT	(\$573,545)	\$0	\$0	(\$573,545)
Total Revenue	(\$573,545)	\$0	\$0	(\$573,545)

EXPENSE

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$379	\$0	\$0	\$0	\$379
2 Prelim Design	\$0		\$0	\$0	\$0	\$0
3 Final Design	\$0		\$0	\$0	\$0	\$0
4 Implementation	\$0		\$0	\$0	\$0	\$0
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$0	\$379	\$0	\$0	\$0	\$379

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$2,001	\$379
2 Preliminary Design	\$0	\$0	\$0	\$30,084	\$0
3 Final Design	\$0	\$0	\$0	\$90,833	\$0
4 Implementation	\$0	\$0	\$0	\$448,010	\$0
5 Closeout	\$0	\$0	\$0	\$3,001	\$0
6 Acquisition	\$0	\$0	\$0	\$1	\$0
Total	\$0	\$0	\$0	\$573,930	\$379

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$1,622	(\$1,621)	\$0	\$1
2 Preliminary Design	\$30,084	(\$30,083)	\$0	\$1
3 Final Design	\$90,833	(\$90,832)	\$0	\$1
4 Implementation	\$448,010	(\$448,009)	\$0	\$1
5 Closeout	\$3,001	(\$3,000)	\$0	\$1
6 Acquisition	\$1	\$0	\$0	\$1
Total	\$573,551	(\$573,545)	\$0	\$6

NARRATIVES

PKS M:RTS GATEWAYS/TRAILHEADS

1121454

Current Scope

Regional Trail Systems Transfer - This budget request will transfer the amount to fund activities associated with an Asset Management system project (1124055 in Fund 3581, Parks Capital)

Project Justification

This is a technical adjustment to provide funding to a critical project to manage King County Parks' assets.

Budget Request Basis

The resources associated with this project are getting reassigned for the benefit of a higher agency need (Asset Management Program).

Project Status

The agency has decided that the resources previously associated with this project would be better spent on ensuring the implementation of an asset management program. Additional resources are needed to collect and input data for the benefit of a higher agency need (Asset Management Program).

Alternatives Analysis

N/A

Funding and Revenue Discussion

Other Agency Involvement

N/A

Art Eligibility

Technical Adjustment.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	PKS M:RTS GATEWAYS/TRAILHEADS	1121454
Equity and Social Justice Impact		
N/A		
Strategic Climate Action Plan Alignment		
N/A		
Operating Budget Impacts		
N/A		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

PKS M:RTS MOBILITY CONNECTIONS

1121455

Master Project, Art Eligible

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3581 PARKS CAPITAL
Class Code	PKS M:RTS MOBILITY CONNECTIONS
Substantial Completion	
Location	Countywide
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/01/15 - 12/31/18	\$160,001	\$299,850	\$0	\$0	\$459,851
2 Preliminary Design 01/01/15 - 12/31/18	\$90,151	\$0	\$0	\$0	\$90,151
3 Final Design	\$1	\$0	\$0	\$0	\$1
4 Implementation 01/01/17 - 12/31/18	\$1	\$2,450,000	\$750,000	\$0	\$3,200,001
5 Closeout	\$1	\$0	\$0	\$0	\$1
6 Acquisition	\$1	\$0	\$0	\$0	\$1
Total Budget	\$250,156	\$2,749,850	\$750,000	\$0	\$3,750,006

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$27,226	\$0	\$0	\$27,226

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31111 - REAL PRPTY TAXES CURRENT	\$2,749,850	\$750,000	\$0	\$3,499,850
Total Revenue	\$2,749,850	\$750,000	\$0	\$3,499,850

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		PKS M:RTS MOBILITY CONNECTIONS				1121455
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$71,041	\$88,960	\$299,850	\$0	\$0	\$459,851
2 Prelim Design	\$0	\$90,151	\$0	\$0	\$0	\$90,151
3 Final Design	\$0		\$0	\$0	\$0	\$0
4 Implementation	\$0		\$2,427,376	\$750,000	\$0	\$3,177,376
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$71,041	\$179,111	\$2,727,226	\$750,000	\$0	\$3,727,378

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$71,041	\$160,001	\$160,001
2 Preliminary Design	\$0	\$0	\$0	\$90,151	\$90,151
3 Final Design	\$0	\$0	\$0	\$1	\$0
4 Implementation	\$0	\$0	\$0	\$1	\$0
5 Closeout	\$0	\$0	\$0	\$1	\$0
6 Acquisition	\$0	\$0	\$0	\$1	\$0
Total	\$0	\$0	\$71,041	\$250,156	\$250,152

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$299,850	\$299,850	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$1	\$0	\$0	\$1
4 Implementation	\$1	\$2,450,000	\$2,427,376	\$22,625
5 Closeout	\$1	\$0	\$0	\$1
6 Acquisition	\$1	\$0	\$0	\$1
Total	\$4	\$2,749,850	\$2,727,226	\$22,628

NARRATIVES	PKS M:RTS MOBILITY CONNECTIONS	1121455
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Current Scope

Regional Trail System Mobility Connections - Mobility Connections (MCs) are defined in the Regional Trails System (RTS) Network Vision (2012) as connections from existing and planned regional trails to important destinations - transit centers, city centers, and other regional destinations throughout the County. MCs are envisioned as new urban trails or on-road bike/ped facilities or other innovative approaches to extend the safety and mobility benefits of the regional trails to these important destinations. This project will continue to investigate the feasibility and plan these bicycle and pedestrian links from the RTS and will provide funding for up to four MC projects throughout the County in 2017-2018. Additional work program items relating to Mobility Connections and the Regional Trails System, such as MUTCD wayfinding and data collection and analysis, are also continuing to be funded through this project.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

PKS M:RTS MOBILITY CONNECTIONS

1121455

Project Justification

Mobility Connections (MCs) are one of the commitments in the current King County Parks (Parks) levy. Continuing to fund this program and provide capital funding for these connections will allow this project to move forward and build on the progress that has taken place to date and, ultimately, allow Parks to fulfill this commitment. Continuing data collection and analysis will enhance our understanding of the use of the Regional Trails System and help inform the decision making process to fund MCs and other RTS capital projects. This project supports the 2015 King County SCAP goal of reducing the need for driving by enhancing bicycle and pedestrian access from the RTS to transit centers, city centers and other important regional destinations. Regional trails provide alternative options for recreation and mobility to historically underserved and economically disadvantaged populations. The goal of MC projects is to improve access to the King County RTS, thereby extending the benefits of regional trails to a higher percentage of the population.

Budget Request Basis

The current KC Parks, Trails, and Open Space Renewal Levy committed to spending a total of \$3,000,000 for the Mobility Connections Project. Approximately \$250,150 has been budgeted for Mobility Connections for the years of 2014-2016. The request of \$2,749,850 represents the remaining levy commitment for this project.

Project Status

This project is in Parks' regional trails planning program and received funding in the 2014-2016 Parks CIP Budget. A comprehensive feasibility study was completed in 2015 which identified six potential MC projects throughout the county for further investigation. Two of these potential projects are currently being investigated for feasibility and estimated construction cost. Under a partnership agreement with WSDOT, a total of five automated trip counters have been installed throughout the RTS to gather timely and accurate bicycle and pedestrian user data. To date, trip counters have been installed on the East Lake Sammamish Trail, the Sammamish River Trail, the Burke Gilman Trail and the Green River Trail, with the opportunity to install up to five more.

Alternatives Analysis

The project is intended to use innovative transportation facilities connections to extend the safety and mobility benefits of the regional trails to identified urban destinations. Analyzing alternative routes and facilities will be an ongoing feature of the project.

Funding and Revenue Discussion

Other Agency Involvement

It is anticipated that the project will interface with Metro Transit to identify potential transit access opportunities. The project will also involve outreach to local jurisdictions in locations where connections may be most promising.

Art Eligibility

N/A

Equity and Social Justice Impact

Regional trails provide additional options for recreation and mobility to historically underserved and economically disadvantaged populations. The goal of Mobility Connections projects are to improve access to the King County Regional Trails System, thereby extending the benefits of regional trails to a higher percentage of the population.

Strategic Climate Action Plan Alignment

This project supports the 2015 King County SCAP Goal of reducing the need for driving by enhancing bicycle and pedestrian access from the RTS to transit centers, city centers and other important regional destinations.

Operating Budget Impacts

Mobility Connection planning activities will not impact King County operations. The ultimate creation and operation of completed connections may require incremental increases in Parks' operations, but it is more likely that connections would be managed by local cities in which they are located.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

PKS M:PLAYAREA REHAB

1121498

Master Project, Green Building Reporting, Art Eligible

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3581 PARKS CAPITAL
Class Code	PKS M:PLAYAREA REHAB
Substantial Completion	
Location	Countywide
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/01/15 - 12/31/18	\$13,296	\$0	\$0	\$0	\$13,296
2 Preliminary Design 01/01/15 - 12/31/18	\$267,771	\$0	\$0	\$0	\$267,771
3 Final Design 01/01/15 - 12/31/18	\$2,027	\$50,000	\$0	\$0	\$52,027
4 Implementation 01/01/15 - 12/31/18	\$867,694	\$943,500	\$700,000	\$0	\$2,511,194
5 Closeout 01/01/15 - 12/31/18	\$1,927	\$10,000	\$0	\$0	\$11,927
6 Acquisition	\$1	\$0	\$0	\$0	\$1
Total Budget	\$1,152,717	\$1,003,500	\$700,000	\$0	\$2,856,217

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$9,936	\$0	\$0	\$9,936

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31111 - REAL PRPTY TAXES CURRENT	\$1,003,500	\$700,000	\$0	\$1,703,500
Total Revenue	\$1,003,500	\$700,000	\$0	\$1,703,500

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		PKS M:PLAYAREA REHAB				1121498
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$6,010	\$60,000	\$0	\$0	\$0	\$66,010
2 Prelim Design	\$49,242	\$1,000	\$500	\$0	\$0	\$50,742
3 Final Design	\$8,584	\$500	\$42,943	\$0	\$0	\$52,027
4 Implementation	\$287,884	\$688,569	\$999,056	\$700,000	\$0	\$2,675,509
5 Closeout	\$1,945	\$8,982	\$1,000	\$0	\$0	\$11,927
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$353,664	\$759,051	\$1,043,499	\$700,000	\$0	\$2,856,214

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$6,010	\$13,296	\$66,010
2 Preliminary Design	\$0	\$0	\$49,242	\$267,771	\$50,242
3 Final Design	\$0	\$0	\$8,584	\$2,027	\$9,084
4 Implementation	\$0	\$0	\$287,884	\$867,694	\$976,453
5 Closeout	\$0	\$0	\$1,945	\$1,927	\$10,927
6 Acquisition	\$0	\$0	\$0	\$1	\$0
Total	\$0	\$0	\$353,665	\$1,152,716	\$1,112,716

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$52,714)	\$0	\$0	(\$52,714)
2 Preliminary Design	\$217,529	\$0	\$500	\$217,029
3 Final Design	(\$7,057)	\$50,000	\$42,943	\$0
4 Implementation	(\$108,758)	\$943,500	\$999,056	(\$164,314)
5 Closeout	(\$9,000)	\$10,000	\$1,000	\$0
6 Acquisition	\$1	\$0	\$0	\$1
Total	\$40,001	\$1,003,500	\$1,043,499	\$2

NARRATIVES PKS M:PLAYAREA REHAB 1121498

Current Scope

Play Area Rehabilitation Program - The project will fund the removal, rehabilitation, and upgrade of play structures and safety surfacing at regional, rural and UGA parks throughout the King County Parks system, as needed for safety. Depending on the current condition of a play area, rehabilitation will vary from full replacement of equipment and safety surfacing for some play areas, to partial equipment or surfacing replacement in other areas.

Carryover from 2016 will be used to finish the rehabilitation of Skyway. Six additional play areas are targeted for rehabilitation in 2017 and 2018. The play areas in this scope include Coalfield, Maplewood, Marymoor South (both 2-5 year and 5-12 year areas), Lakewood/Dick Thurnau, and Redmond Ridge. ADA access to the play areas will also be enhanced as needed.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

PKS M:PLAYAREA REHAB

1121498

Project Justification

The existing play structures and safety surfacing are approaching the end of their useful life, are showing signs of aging and need to be replaced. Funding this project ensures that the play structures are safe, meet ADA requirements and meet the growing and changing needs of the community. This project is consistent with the funding recommendations of the Parks Levy Task Force.

Budget Request Basis

Budget is based on planning level Project Manager's Estimate, past experience and costs associated with past contracts for design, engineering, and construction.

Project Status

Three play areas were completed in 2015/2016 (South County Ballfields, Cottage Lake, and Five Mile Lake) and three more will be completed by the end of 2016 (Ravensdale, Tolt McDonald, and Big Finn Hill). One play area originally scheduled for 2016 (Skyway) has been postponed until 2017 due to sewer/water utility project work at the park. Rehabilitation of six more play areas are planned for 2017/2018.

Alternatives Analysis

A non-action alternative will result in a worsening of a known deteriorating condition, which may impact the Parks Division's ability to fulfill its mission. Delays in addressing this condition may result in additional costs and risks to public safety. Unsafe play areas would have to be closed.

Funding and Revenue Discussion

Other Agency Involvement

N/A

Art Eligibility

N/A

Equity and Social Justice Impact

King County's park system impacts determinants of equity such as access to parks and natural resources, healthy built and natural environments, and strong, vibrant neighborhoods. These investments in turn will benefit underserved communities and disadvantaged individuals that use these facilities.

Strategic Climate Action Plan Alignment

Programmatic Sustainable Scorecard targeting Platinum.

Parks seeks to minimize its impact on the environment, and by facilitating access to nature, hopes to educate the community of the need to protect open space for future generations.

Operating Budget Impacts

No immediate operating budget impacts are anticipated at this time. However, as capital improvements and major maintenance projects enter and complete construction phases, this work is anticipated to have impacts on the operating budget. For more context concerning future anticipated impacts of the capital program implementation on operations, please refer to the Parks Line of Business Plan.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

PKS M:BRIDGE&TRESTLE PROGRAM

1121499

Master Project, Green Building Reporting, Art Eligible

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3581 PARKS CAPITAL
Class Code	PKS M:BRIDGE&TRESTLE PROGRAM
Substantial Completion	
Location	Countywide
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/01/15 - 12/31/18	\$95,536	\$300,000	\$0	\$0	\$395,536
2 Preliminary Design 01/01/15 - 12/31/18	\$82,265	\$150,000	\$0	\$0	\$232,265
3 Final Design 01/01/15 - 12/31/18	\$293,285	\$500,000	\$0	\$0	\$793,285
4 Implementation 01/01/15 - 12/31/18	\$1,164,031	\$1,750,000	\$500,000	\$0	\$3,414,031
5 Closeout 01/01/15 - 12/31/18	\$13,588	\$0	\$0	\$0	\$13,588
6 Acquisition	\$1	\$0	\$0	\$0	\$1
Total Budget	\$1,648,707	\$2,700,000	\$500,000	\$0	\$4,848,707

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$26,733	\$0	\$0	\$26,733

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31111 - REAL PRPTY TAXES CURRENT	\$2,000,000	\$375,000	\$0	\$2,375,000
39776 - CONTRIB REET #2	\$700,000	\$125,000	\$0	\$825,000
Total Revenue	\$2,700,000	\$500,000	\$0	\$3,200,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		PKS M:BRIDGE&TRESTLE PROGRAM				1121499
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$143,828	\$15,000	\$151,708	\$0	\$0	\$310,536
2 Prelim Design	\$45,944		\$86,321	\$0	\$0	\$132,265
3 Final Design	\$56,309	\$15,000	\$636,976	\$0	\$0	\$708,285
4 Implementation	\$345,878	\$576,197	\$1,551,728	\$500,000	\$0	\$2,973,803
5 Closeout	\$550		\$0	\$0	\$0	\$550
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$592,509	\$606,197	\$2,426,733	\$500,000	\$0	\$4,125,439

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$143,828	\$95,536	\$158,828
2 Preliminary Design	\$0	\$0	\$45,944	\$82,265	\$45,944
3 Final Design	\$0	\$0	\$56,309	\$293,285	\$71,309
4 Implementation	\$0	\$0	\$345,878	\$1,164,031	\$922,075
5 Closeout	\$0	\$0	\$550	\$13,588	\$550
6 Acquisition	\$0	\$0	\$0	\$1	\$0
Total	\$0	\$0	\$592,509	\$1,648,706	\$1,198,706

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$63,292)	\$300,000	\$151,708	\$85,000
2 Preliminary Design	\$36,321	\$150,000	\$86,321	\$100,000
3 Final Design	\$221,976	\$500,000	\$636,976	\$85,000
4 Implementation	\$241,956	\$1,750,000	\$1,551,728	\$440,228
5 Closeout	\$13,038	\$0	\$0	\$13,038
6 Acquisition	\$1	\$0	\$0	\$1
Total	\$450,000	\$2,700,000	\$2,426,733	\$723,267

NARRATIVES	PKS M:BRIDGE&TRESTLE PROGRAM	1121499
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Current Scope

Bridge and Trestle Program - The Bridge and Trestle program is an ongoing effort to inspect, enhance, repair and replace (as needed) the bridge and trestle structures associated with King County Parks' Regional Trails System.

The 2017-2018 request includes funding for program administration, inspections, load ratings, and small repairs. This project also funds the replacement of a 96 foot trestle (#2178-29) on the Snoqualmie Valley Trail.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

PKS M:BRIDGE&TRESTLE PROGRAM

1121499

Project Justification

This project implements recommendations to rehabilitate and preserve numerous historic railroad bridges and trestles in the Division's Regional Trail System. This is an on-going high priority, safety-related project for the Division. The project funds the ongoing inspection and rehabilitation of the 76 bridges and trestles, most of which were incorporated into the system with the abandonment of former railroad lines. The Division works closely with the Road Services Division to ensure timely inspection and appropriate rehabilitation of these facilities. This program is costly given that many bridges are nearing 100 years in age, span over 100 feet, and are located in environmentally sensitive areas. The Bridge and Trestle Rehab Program identifies significant rehab needs, prioritizes repairs, and undertakes appropriate construction to ensure that the system's bridges and trestles are safe and sound.

Budget Request Basis

The amount requested comes from the overall 6 year CIP program for bridges and trestles. This request is comprised of numerous subprojects that continue the fulfillment of commitments that were made in the Parks Levy. Budget is based on Planning Level Engineer's Estimate, past experience and costs associated with past contracts for design, engineering, and construction.

Project Status

Bridge inspections scheduled for 2016 are currently underway. Three separate small bridge repairs are currently scheduled for the summer 2016. Two feasibility studies are underway to address emergent needs. One emergency repair (Griffin Creek Bridge) is in final design with work scheduled for late summer 2016.

Alternatives Analysis

All large rehabilitation and replacement projects begin with a feasibility study that identifies cost effective construction materials and methods.

Funding and Revenue Discussion

Other Agency Involvement

The Bridge Engineering Unit of the Road Services Division performs inspections, calculates load ratings and reviews bridge plans for the Parks Division.

Art Eligibility

N/A

Equity and Social Justice Impact

King County's park system impacts determinants of equity such as access to parks and natural resources, healthy built and natural environments, and strong, vibrant neighborhoods. These investments in turn will benefit underserved communities and disadvantaged individuals that use these facilities.

Strategic Climate Action Plan Alignment

Programmatic Sustainable Scorecard Platinum will be targeted where applicable.

Parks seeks to minimize its impact on the environment, and by facilitating access to nature, hopes to educate the community of the need to protect open space for future generations.

Operating Budget Impacts

No immediate operating budget impacts are anticipated at this time. However, as capital improvements and major maintenance projects enter and complete construction phases, this work is anticipated to have impacts on the operating budget. For more context concerning future anticipated impacts of the capital program implementation on operations, please refer to the Parks Line of Business Plan.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

PKS M:REG TRL SURFACE IMPR

1121500

Master Project, Green Building Reporting

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3581 PARKS CAPITAL
Class Code	PKS M:REG TRL SURFACE IMPR
Substantial Completion	
Location	Countywide
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/01/15 - 12/31/15	\$20,279	\$50,000	\$0	\$0	\$70,279
2 Preliminary Design 01/01/15 - 12/31/18	\$18,610	\$0	\$0	\$0	\$18,610
3 Final Design 01/01/15 - 12/31/18	\$402,250	\$884,000	\$0	\$0	\$1,286,250
4 Implementation 01/01/15 - 12/31/18	\$649,886	\$2,631,895	\$2,500,000	\$0	\$5,781,781
5 Closeout 01/01/17 - 12/31/18	\$1	\$50,140	\$0	\$0	\$50,141
6 Acquisition	\$1	\$0	\$0	\$0	\$1
Total Budget	\$1,091,027	\$3,616,035	\$2,500,000	\$0	\$7,207,063

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31111 - REAL PRPTY TAXES CURRENT	\$3,616,035	\$2,500,000	\$0	\$6,116,035
Total Revenue	\$3,616,035	\$2,500,000	\$0	\$6,116,035

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		PKS M:REG TRL SURFACE IMPR				1121500
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$319,175	\$14,000	\$50,000	\$0	\$0	\$383,175
2 Prelim Design	\$21	\$18,589	\$0	\$0	\$0	\$18,610
3 Final Design	\$1,104	\$376,306	\$884,000	\$0	\$0	\$1,261,410
4 Implementation	\$281,010	\$80,822	\$2,631,895	\$2,500,000	\$0	\$5,493,727
5 Closeout	\$0		\$50,140	\$0	\$0	\$50,140
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$601,309	\$489,717	\$3,616,035	\$2,500,000	\$0	\$7,207,061

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$319,175	\$20,279	\$333,175
2 Preliminary Design	\$0	\$0	\$21	\$18,610	\$18,610
3 Final Design	\$0	\$0	\$1,104	\$402,250	\$377,410
4 Implementation	\$0	\$0	\$281,010	\$649,886	\$361,832
5 Closeout	\$0	\$0	\$0	\$1	\$0
6 Acquisition	\$0	\$0	\$0	\$1	\$0
Total	\$0	\$0	\$601,310	\$1,091,027	\$1,091,027

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$312,896)	\$50,000	\$50,000	(\$312,896)
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$24,840	\$884,000	\$884,000	\$24,840
4 Implementation	\$288,054	\$2,631,895	\$2,631,895	\$288,055
5 Closeout	\$1	\$50,140	\$50,140	\$1
6 Acquisition	\$1	\$0	\$0	\$1
Total	\$0	\$3,616,035	\$3,616,035	\$1

NARRATIVES PKS M:REG TRL SURFACE IMPR 1121500

Current Scope

Regional Trail Surface Improvement Program - This project will fund major rehab and emergency repairs to soft surface and paved trails throughout the 175-mile Regional Trails System (RTS). This work will include major resurfacing and repairs that exceed normal maintenance and will allow the Division to respond to emergency repairs or unforeseen trail issues as they occur to ensure trail usability and safety. The primary scope of work includes sub-base remediation, installation of root barrier, removal of and/or the repair/replacement of existing asphalt surfaces as applicable at multiple trail locations. This appropriation request also includes approximately \$3M worth of asphalt overlays of long trail segments and extends the trail lifetime for an additional 10-15 years.

Project Justification

This project will allow the Division to protect the health and safety of trail users and avoid extensive closures. This work will also protect the trail infrastructure from further deterioration. A 2012 Major Maintenance Study identified needed repairs along specific trail segments in order to sustain usability and safety. A priority list is continuing to be generated based upon inputs from Parks Operations field staff. This request is consistent with the recommendations of the Parks Levy Task Force.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	PKS M:REG TRL SURFACE IMPR	1121500
Budget Request Basis		
Budget is based on planning level estimates using paving cost data for similar projects completed in the last few years.		
Project Status		
Last biennium's work included the repair and repaving of multiple segments along the Burke Gilman and Sammamish River Trails in Kenmore and Bothell including safety improvement projects at two driveway intersections. Other projects completed include additional multiple repairs on the Soos Creek, Preston-Snoqualmie, Green River, and Cedar River Trails.		
Alternatives Analysis		
A non-action alternative will result in a worsening of a known deteriorating condition, which may impact public usability of the RTS and create a safety risk for King County. By delaying or not funding this project, the Division runs the risk of losing sections of trail right of way and/or facing higher costs at a later date.		
Funding and Revenue Discussion		
Other Agency Involvement		
No other agencies are involved with this project.		
Art Eligibility		
Parks trail maintenance.		
Equity and Social Justice Impact		
Trails provide additional options for recreation and mobility to historically underserved and economically disadvantaged populations.		
Strategic Climate Action Plan Alignment		
Programmatic Sustainable Scorecard Platinum will be targeted. Parks seeks to minimize its impact on the environment, and by facilitating access to nature, hopes to educate the community of the need to protect open space for future generations.		
Operating Budget Impacts		
No immediate operating budget impacts are anticipated at this time. However, as capital improvements and major maintenance projects enter and complete construction phases, this work is anticipated to have impacts on the operating budget. For more context concerning future anticipated impacts of the capital program implementation on operations, please refer to the Parks Line of Business Plan.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

PKS M:GRN RVR TR EXT

1123804

Master Project, Green Building Reporting, Art Eligible

Department	NATURAL RESOURCES AND PARKS
Council District(s)	8
Fund	3581 PARKS CAPITAL
Class Code	PKS M:GRN RVR TR EXT
Substantial Completion	
Location	Between Seattle and Tukwila
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/01/15 - 12/31/18	\$299,571	\$0	\$0	\$0	\$299,571
2 Preliminary Design 01/01/17 - 12/31/18	\$0	\$200,000	\$0	\$0	\$200,000
3 Final Design 01/01/17 - 12/31/18	\$0	\$295,050	\$0	\$0	\$295,050
4 Implementation 01/01/15 - 12/31/18	\$2,996	\$4,950	\$500,000	\$0	\$507,946
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$302,567	\$500,000	\$500,000	\$0	\$1,302,567

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$4,950	\$0	\$0	\$4,950

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31111 - REAL PRPTY TAXES CURRENT	\$500,000	\$500,000	\$0	\$1,000,000
Total Revenue	\$500,000	\$500,000	\$0	\$1,000,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		PKS M:GRN RVR TR EXT				1123804
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$45,709	\$253,622	\$0	\$0	\$0	\$299,331
2 Prelim Design	\$144		\$200,000	\$0	\$0	\$200,144
3 Final Design	\$0		\$295,050	\$0	\$0	\$295,050
4 Implementation	\$3,092		\$4,950	\$500,000	\$0	\$508,042
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$48,945	\$253,622	\$500,000	\$500,000	\$0	\$1,302,567

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$45,709	\$299,571	\$299,331
2 Preliminary Design	\$0	\$0	\$144	\$0	\$144
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$3,092	\$2,996	\$3,092
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$48,945	\$302,567	\$302,567

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$240	\$0	\$0	\$240
2 Preliminary Design	(\$144)	\$200,000	\$200,000	(\$144)
3 Final Design	\$0	\$295,050	\$295,050	\$0
4 Implementation	(\$96)	\$4,950	\$4,950	(\$96)
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$500,000	\$500,000	\$0

NARRATIVES	PKS M:GRN RVR TR EXT	1123804
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Current Scope

Green River Trail Extension - The Green River Trail currently ends at the Cecil Moses Memorial Park along the Duwamish River. The Green River Trail Extension will create a north-south trail connection adjacent to W Marginal Way PI S between Cecil Moses Memorial Park and the City of Seattle limits.

The 2017/2018 budget request will fund the Design Development and Environmental Permitting phase of the project. At the end of this phase additional funding appropriation will be required to develop construction contract documents for advertisement and bidding.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

PKS M:GRN RVR TR EXT

1123804

Project Justification

King County is currently working on the the planning and schematic design phase of the project. This funding will allow the design consultant to continue to the design development and environmental permitting phase of the project rather than putting the project on hold. If this phase is not funded in 2017/2018, the project would be put on hold and lose momentum. It is inefficient to put the project on hold part-way through design. By the time the project is restarted, the public will likely have forgotten about outreach done this year and additional outreach would be needed to restart the project.

Budget Request Basis

Budget is based on the Planning Level Project Manager's cost estimate for a consultant to complete the Design Development and Environmental Permitting Phase of the project.

Project Status

Earlier this year, King County selected the design Consultant for this project. Effort is currently underway to complete the preliminary studies needed to develop two schematic alternatives for the trail design. These alternatives will be presented to stakeholders and the public for comment towards the end of the year and an alternative will be chosen.

Alternatives Analysis

Alternatives analysis is routinely done during schematic design and will be completed at the end of 2016.

Funding and Revenue Discussion

Other Agency Involvement

The project crosses through the City of Tukwila and the terminus is the Seattle city limits. Both cities are stakeholders. In addition, West Marginal Way Place South is adjacent to the trail alignment and is WSDOT right-of-way. A Local Agency Agreement for the trail will likely be needed between King County and WSDOT.

Art Eligibility

N/A

Equity and Social Justice Impact

King County's park system impacts determinants of equity such as access to parks and natural resources, healthy built and natural environments, and strong, vibrant neighborhoods. These investments will benefit underserved communities and disadvantaged individuals that use these facilities.

Strategic Climate Action Plan Alignment

This project is pursuing Salmon Safe Certification. Parks seeks to minimize its impact on the environment and by facilitating access to nature, hopes to educate the community of the need to protect open space for future generations.

Operating Budget Impacts

No immediate operating budget impacts are anticipated at this time. However, as capital improvements and major maintenance projects enter and complete construction phases, this work is anticipated to have impacts on the operating budget. For more context concerning future anticipated impacts of the capital program implementation on operations, please refer to the Parks Line of Business Plan.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

PKS M: BALLFLD, SPRT CRT REHAB

1123892

Master Project, TA, Green Building Reporting

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3581 PARKS CAPITAL
Class Code	PKS M: BALLFLD, SPRT CRT REHAB
Substantial Completion	
Location	Countywide
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation 01/01/15 - 12/31/18	\$1,697,389	(\$460,000)	\$0	\$0	\$1,237,389
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$1,697,390	(\$460,000)	\$0	\$0	\$1,237,390

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39776 - CONTRIB REET #2	(\$460,000)	\$0	\$0	(\$460,000)
Total Revenue	(\$460,000)	\$0	\$0	(\$460,000)

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		PKS M: BALLFLD, SPRT CRT REHAB				1123892
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$488,499	\$100,000	\$0	\$0	\$0	\$588,499
2 Prelim Design	\$18,767	\$10,000	\$0	\$0	\$0	\$28,767
3 Final Design	\$206	\$30,000	\$0	\$0	\$0	\$30,206
4 Implementation	\$20,054	\$569,863	\$0	\$0	\$0	\$589,917
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$527,526	\$709,863	\$0	\$0	\$0	\$1,237,389

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$488,499	\$0	\$588,499
2 Preliminary Design	\$0	\$0	\$18,767	\$0	\$28,767
3 Final Design	\$0	\$0	\$206	\$0	\$30,206
4 Implementation	\$0	\$0	\$20,054	\$1,697,389	\$589,917
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$527,526	\$1,697,389	\$1,237,389

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$588,499)	\$0	\$0	(\$588,499)
2 Preliminary Design	(\$28,767)	\$0	\$0	(\$28,767)
3 Final Design	(\$30,206)	\$0	\$0	(\$30,206)
4 Implementation	\$1,107,472	(\$460,000)	\$0	\$647,472
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$460,000	(\$460,000)	\$0	\$0

NARRATIVES PKS M: BALLFLD, SPRT CRT REHAB 1123892

Current Scope

Ballfield and Sport Court Rehabilitation Program - This is a maintenance program to address the backlog of dilapidated ball field and sports court facilities throughout the King County Parks system. The scope of work includes drainage repair (or turf conversion), subgrade/drainage repair, asphalt resurfacing and ADA accessibility improvements. New lighting systems will be installed, providing greater energy efficiency and safe, uniform lighting levels for the users.

This budget request will transfer the amount to Parks Energy Efficiency Project in Fund 3581, Parks Capital fund.

Project Justification

This is a technical adjustment to consolidate all energy efficiency projects into a single program.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	PKS M: BALLFLD, SPRT CRT REHAB	1123892
Budget Request Basis		
The request is basing on an balance.		
Project Status		
Projects are completed with left-over balance related to sportfield lighting.		
Alternatives Analysis		
N/A		
Funding and Revenue Discussion		
Other Agency Involvement		
N/A		
Art Eligibility		
Technical Adjustment.		
Equity and Social Justice Impact		
N/A		
Strategic Climate Action Plan Alignment		
N/A		
Operating Budget Impacts		
N/A		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

PKS M: PK LOT & PTHWY RHB

1123894

Master Project, Green Building Reporting, Art Eligible

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3581 PARKS CAPITAL
Class Code	PKS M: PK LOT & PTHWY RHB
Substantial Completion	
Location	Countywide
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/01/17 - 12/31/18	\$0	\$50,000	\$0	\$0	\$50,000
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design 01/01/17 - 12/31/18	\$0	\$305,000	\$0	\$0	\$305,000
4 Implementation 01/01/15 - 12/31/18	\$949,722	\$943,252	\$1,100,000	\$0	\$2,992,974
5 Closeout 01/01/17 - 12/31/18	\$0	\$40,248	\$0	\$0	\$40,248
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$949,722	\$1,338,500	\$1,100,000	\$0	\$3,388,222

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$13,252	\$0	\$0	\$13,252

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39776 - CONTRIB REET #2	\$1,288,500	\$1,045,000	\$0	\$2,333,500
39789 - CONTRIB REET #1	\$50,000	\$55,000	\$0	\$105,000
Total Revenue	\$1,338,500	\$1,100,000	\$0	\$2,438,500

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		PKS M: PK LOT & PTHWY RHB					1123894
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense	
1 Planning	(\$864)		\$40,000	\$0	\$0	\$39,136	
2 Prelim Design	\$2,016		\$0	\$0	\$0	\$2,016	
3 Final Design	\$0	\$5,000	\$300,000	\$0	\$0	\$305,000	
4 Implementation	\$19,773	\$623,797	\$1,233,252	\$1,100,000	\$0	\$2,976,822	
5 Closeout	\$0		\$10,000	\$0	\$0	\$10,000	
6 Acquisition	\$0		\$0	\$0	\$0	\$0	
Total Expense	\$20,925	\$628,797	\$1,583,252	\$1,100,000	\$0	\$3,332,974	

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	(\$864)	\$0	(\$864)
2 Preliminary Design	\$0	\$0	\$2,016	\$0	\$2,016
3 Final Design	\$0	\$0	\$0	\$0	\$5,000
4 Implementation	\$0	\$0	\$19,773	\$949,722	\$643,570
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$20,925	\$949,722	\$649,722

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$864	\$50,000	\$40,000	\$10,864
2 Preliminary Design	(\$2,016)	\$0	\$0	(\$2,016)
3 Final Design	(\$5,000)	\$305,000	\$300,000	\$0
4 Implementation	\$306,152	\$943,252	\$1,233,252	\$16,152
5 Closeout	\$0	\$40,248	\$10,000	\$30,248
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$300,000	\$1,338,500	\$1,583,252	\$55,248

NARRATIVES PKS M: PK LOT & PTHWY RHB 1123894

Current Scope

Parking Lot and Pathway Rehabilitation Program - This project will allow the Division to bring parking lots and pathways up to current design and safety standards. Major elements of the project include ADA accessibility, sub-base repair, paving, tree removal and installation of root barrier as needed.

This appropriation funds design, permitting, and construction of pavement improvement projects in high priority locations within King County's Parks system. It also includes a feasibility study to address parking demands at and around county parks including but not limited to Petrovitsky Park.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

PKS M: PK LOT & PTHWY RHB

1123894

Project Justification

Parking lots and pathways are critical to maintaining safe and ADA compliant access to King County's Parks system. A number of parking lots and pathways are in a state of significant deterioration. It is critical that the Division invest in its infrastructure to keep parks open and safe for public use. Further delay or slowing of this work increases the amount of damage and degradation to these facilities, thereby increasing costs and risks to the public.

Budget Request Basis

Budget is based on Planning Level Engineer's Estimate, past experience and costs associated with past contracts for design, engineering, and construction.

Project Status

A number of facilities were completed in 2015/16 including those located at Tolt MacDonald Park, Steve Cox, Chicken Lot, Cottage Lake Park, Lake Geneva, etc.

Alternatives Analysis

Each parking location is reviewed for a variety of possible engineered alternatives during the design process.

Funding and Revenue Discussion

Other Agency Involvement

Permitting agencies may have limited involvement. Potential SWD involvement in the use of RAS/RAP pavement. No other agency involvement is anticipated.

Art Eligibility

N/A

Equity and Social Justice Impact

Safe, useable, functional and well maintained parking lots and pathways in county parks contribute to the following determinants of equity. Such facilities: 1) enhance access to and use of Parks; 2) create healthy built and natural environments; and 3) ensure equity in County practices.

Strategic Climate Action Plan Alignment

Programmatic Sustainable Scorecard Platinum will be targeted where applicable.

Parks seeks to minimize its impact on the environment and by facilitating access to nature hopes to educate the community of the need to protect open space for future generations.

Operating Budget Impacts

No immediate operating budget impacts are anticipated at this time. However, as capital improvements and major maintenance projects enter and complete construction phases, this work is anticipated to have impacts on the operating budget. For more context concerning future anticipated impacts of the capital program implementation on operations, please refer to the Parks Line of Business Plan.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

PKS M: BLDG STRUCTURE

1123895

Master Project, Green Building Reporting, Art Eligible

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3581 PARKS CAPITAL
Class Code	PKS M: BLDG STRUCTURE
Substantial Completion	
Location	Countywide
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/01/15 - 12/31/18	\$0	\$30,000	\$0	\$0	\$30,000
2 Preliminary Design 01/01/15 - 12/31/18	\$0	\$60,000	\$0	\$0	\$60,000
3 Final Design 01/01/15 - 12/31/18	\$0	\$105,000	\$0	\$0	\$105,000
4 Implementation 01/01/15 - 12/31/18	\$2,318,403	\$366,000	\$650,000	\$0	\$3,334,403
5 Closeout 01/01/15 - 12/31/18	\$0	\$5,765	\$0	\$0	\$5,765
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$2,318,403	\$566,765	\$650,000	\$0	\$3,535,168

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$5,668	\$0	\$0	\$5,668

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39776 - CONTRIB REET #2	\$566,765	\$650,000	\$0	\$1,216,765
Total Revenue	\$566,765	\$650,000	\$0	\$1,216,765

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		PKS M: BLDG STRUCTURE				1123895
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$8,153	\$40,000	\$1,000	\$0	\$0	\$49,153
2 Prelim Design	\$25,211	\$80,000	\$10,000	\$0	\$0	\$115,211
3 Final Design	\$4,379	\$10,000	\$100,000	\$0	\$0	\$114,379
4 Implementation	\$225,909	\$1,697,986	\$639,168	\$650,000	\$0	\$3,213,063
5 Closeout	\$222	\$1,543	\$500	\$0	\$0	\$2,265
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$263,872	\$1,829,529	\$750,668	\$650,000	\$0	\$3,494,069

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$8,153	\$0	\$48,153
2 Preliminary Design	\$0	\$0	\$25,211	\$0	\$105,211
3 Final Design	\$0	\$0	\$4,379	\$0	\$14,379
4 Implementation	\$0	\$0	\$225,909	\$2,318,403	\$1,923,895
5 Closeout	\$0	\$0	\$222	\$0	\$1,765
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$263,874	\$2,318,403	\$2,093,403

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$48,153)	\$30,000	\$1,000	(\$19,153)
2 Preliminary Design	(\$105,211)	\$60,000	\$10,000	(\$55,211)
3 Final Design	(\$14,378)	\$105,000	\$100,000	(\$9,378)
4 Implementation	\$394,508	\$366,000	\$639,168	\$121,340
5 Closeout	(\$1,764)	\$5,765	\$500	\$3,501
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$225,002	\$566,765	\$750,668	\$41,099

NARRATIVES	PKS M: BLDG STRUCTURE	1123895
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Current Scope

Building Structure Program - This project will assess, evaluate, rehabilitate and/or replace existing park buildings, systems, and facilities in order to ensure the safety of the public and staff.

High priority projects in this 2017/18 appropriation request include capital investments in safety and systems at buildings and facilities located in the Cougar/Squak Corridor and Tolt MacDonald Park.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

PKS M: BLDG STRUCTURE

1123895

Project Justification

Over the years, the Parks Division has re-purposed houses, trailers, mobile homes and other types of buildings for its Maintenance Section offices and shop space as well as rehabilitated, replaced, or constructed new structures within parks for public use. The building envelopes, structures, fire, life safety, mechanical and electrical systems in these spaces need to be evaluated for current code compliance, safety, and accessibility requirements in order to provide safe facilities for staff and public use. Taking care of what we own was a levy promise and makes good business sense. It is a "best run government" practice.

Budget Request Basis

Budget is based on Planning Level Architect's Estimate, past experience and costs associated with past contracts for design, engineering, and construction.

Project Status

In 2015/16 the building structures that were evaluated and/or rehabilitated include the following: Gracie Hanson Roof replacement (design and replacement), Sunset shop roof (structure evaluation), Tolt Barn roof (structure evaluation and design); Cougar Squak Lodge (evaluated), etc.

Alternatives Analysis

Each building structure in the program is reviewed for a variety of possible engineered design alternatives during the design process.

Funding and Revenue Discussion

Other Agency Involvement

Permitting agencies may have limited involvement. No other agency involvement is anticipated.

Art Eligibility

N/A

Equity and Social Justice Impact

King County's park system impacts determinants of equity such as access to parks and natural resources, healthy built and natural environments, and strong, vibrant neighborhoods. These investments will benefit underserved communities and disadvantaged individuals that use these facilities.

Strategic Climate Action Plan Alignment

Non-LEED eligible projects and projects that are limited in their ability to achieve LEED certification will address the Strategic Climate Action Plan will utilize the Sustainable Infrastructure Scorecard and strive to achieve a Platinum level program-wide, or utilize alternative green building rating systems consistent with County ordinance when appropriate.

New construction projects that are LEED eligible will target Platinum level certification and eligible major renovation and remodel projects will target Gold level certification

Operating Budget Impacts

No immediate operating budget impacts are anticipated at this time. However, as capital improvements and major maintenance projects enter and complete construction phases, this work is anticipated to have impacts on the operating budget. For more context concerning future anticipated impacts of the capital program implementation on operations, please refer to the Parks Line of Business Plan.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

PKS M: DRNGE/SWR/WTR SYSTM RHB

1123896

Master Project, Green Building Reporting

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3581 PARKS CAPITAL
Class Code	PKS M: DRNGE/SWR/WTR SYSTM RHB
Substantial Completion	
Location	Countywide
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/01/17 - 12/31/18	\$0	\$50,000	\$0	\$0	\$50,000
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design 01/01/17 - 12/31/18	\$0	\$198,000	\$0	\$0	\$198,000
4 Implementation 01/01/15 - 12/31/18	\$941,859	\$600,000	\$650,000	\$0	\$2,191,859
5 Closeout 01/01/17 - 12/31/18	\$0	\$10,000	\$0	\$0	\$10,000
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$941,859	\$858,000	\$650,000	\$0	\$2,449,859

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39776 - CONTRIB REET #2	\$858,000	\$650,000	\$0	\$1,508,000
Total Revenue	\$858,000	\$650,000	\$0	\$1,508,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		PKS M: DRNGE/SWR/WTR SYSTM RHB				1123896
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$3,842	\$2,000	\$44,000	\$0	\$0	\$49,842
2 Prelim Design	\$465	\$25,000	\$0	\$0	\$0	\$25,465
3 Final Design	\$5,478	\$150,000	\$37,000	\$0	\$0	\$192,478
4 Implementation	\$116,407	\$628,334	\$759,000	\$650,000	\$0	\$2,153,741
5 Closeout	\$0		\$10,000	\$0	\$0	\$10,000
6 Acquisition	\$333		\$0	\$0	\$0	\$333
Total Expense	\$126,525	\$805,334	\$850,000	\$650,000	\$0	\$2,431,859

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$3,842	\$0	\$5,842
2 Preliminary Design	\$0	\$0	\$465	\$0	\$25,465
3 Final Design	\$0	\$0	\$5,478	\$0	\$155,478
4 Implementation	\$0	\$0	\$116,407	\$941,859	\$744,741
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$333	\$0	\$333
Total	\$0	\$0	\$126,525	\$941,859	\$931,859

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$5,842)	\$50,000	\$44,000	\$158
2 Preliminary Design	(\$25,465)	\$0	\$0	(\$25,465)
3 Final Design	(\$155,478)	\$198,000	\$37,000	\$5,522
4 Implementation	\$197,118	\$600,000	\$759,000	\$38,118
5 Closeout	\$0	\$10,000	\$10,000	\$0
6 Acquisition	(\$333)	\$0	\$0	(\$333)
Total	\$10,000	\$858,000	\$850,000	\$18,000

NARRATIVES PKS M: DRNGE/SWR/WTR SYSTM RHB 1123896

Current Scope

Drainage, Sewer, Water System Rehabilitation Program - This project will assess, evaluate, rehabilitate and/or replace existing utility systems (drainage, water, and sewer) serving park buildings and facilities in order to ensure the safety of the public and staff.

High priority projects in this 2017/18 appropriation request include capital investments in replacement of failing culverts in the Parks System.

Project Justification

Deteriorating utility and drainage systems at aging park facilities require ongoing significant repair or replacement. Failure to remedy these failing systems may require closure of park facilities and is not a Best Run Government practice.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

PKS M: DRNGE/SWR/WTR SYSTM RHB

1123896

Budget Request Basis

Budget is based on Planning Level Engineer's Estimate, past experience and costs associated with past contracts for design, engineering, and construction.

Project Status

2015/16 Program focused on emergent utility system needs for septic and water systems.
2017/2018 Program will focus on deteriorating culverts and regulatory requirements.

Alternatives Analysis

Each utility system location is reviewed for a variety of possible engineered alternatives during the design process.

Funding and Revenue Discussion

Other Agency Involvement

Permitting agencies may have limited involvement. No other agency involvement is anticipated.

Art Eligibility

The project is not visible to the public and for minor rehabilitation.

Equity and Social Justice Impact

King County's park system impacts determinants of equity such as access to parks and natural resources, healthy built and natural environments, and strong, vibrant neighborhoods. These investments will benefit underserved communities and disadvantaged individuals that use these facilities.

Strategic Climate Action Plan Alignment

Programmatic Sustainable Scorecard Platinum will be targeted where applicable.
Parks seeks to minimize its impact on the environment and by facilitating access to nature hopes to educate the community of the need to protect open space for future generations.

Operating Budget Impacts

No immediate operating budget impacts are anticipated at this time. However, as capital improvements and major maintenance projects enter and complete construction phases, this work is anticipated to have impacts on the operating budget. For more context concerning future anticipated impacts of the capital program implementation on operations, please refer to the Parks Line of Business Plan.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

PKS M:EMERALD NCKLCE TR

1123925

Department	NATURAL RESOURCES AND PARKS
Council District(s)	3
Fund	3581 PARKS CAPITAL
Class Code	STANDALONE
Substantial Completion	
Location	Sammamish
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition 01/01/15 - 12/31/18	\$25,000	\$500,000	\$0	\$0	\$525,000
Total Budget	\$25,000	\$500,000	\$0	\$0	\$525,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31111 - REAL PRPTY TAXES CURRENT	\$500,000	\$0	\$0	\$500,000
Total Revenue	\$500,000	\$0	\$0	\$500,000

EXPENSE

PKS M:EMERALD NCKLCE TR

1123925

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$0	\$0	\$0	\$0
2 Prelim Design	\$0		\$0	\$0	\$0	\$0
3 Final Design	\$0		\$0	\$0	\$0	\$0
4 Implementation	\$101		\$0	\$0	\$0	\$101
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$15,676	\$9,223	\$500,000	\$0	\$0	\$524,899
Total Expense	\$15,777	\$9,223	\$500,000	\$0	\$0	\$525,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$101	\$0	\$101
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$15,676	\$25,000	\$24,899
Total	\$0	\$0	\$15,777	\$25,000	\$25,000

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	(\$101)	\$0	\$0	(\$101)
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$101	\$500,000	\$500,000	\$101
Total	\$0	\$500,000	\$500,000	\$0

NARRATIVES

PKS M:EMERALD NCKLCE TR

1123925

Current Scope

Emerald Necklace Trail - This grant request would provide for the acquisition of 8 parcels totaling 160 acres within the Patterson Creek Basin that would both serve as an addition to the County's Soaring Eagle Park and address some crucial missing links associated with the proposed "Emerald Necklace", an inter-jurisdictional effort to create a continuous 28-mile trail encircling the Sammamish Plateau within, and adjacent to, the City of Sammamish. This proposed trail project would connect to many local/community trails currently located on public lands within the vicinity and the regional trails that surround Sammamish. Approximately 80% of the proposed Emerald Necklace trail is already in place. This request is anticipated to fund three of the targeted parcels.

Project Justification

The proposed projects is consistent with King County Park and Recreation Division's goal of providing connectivity between public lands and to regional trail corridors, increasing public access to existing park lands and conserving critical fish and wildlife habitat. The City of Sammamish and the Mountains to Sound Greenway are trail spearheading Emerald Necklace trail effort. King County is involved due to its park ownership within the proposed trail corridor and the fact that a large portion of the trail would be located in unincorporated rural zoned lands. The Conservation Futures Tax (CFT) Citizens Committee, a council-appointed committee to advise on open space acquisitions, recommended this funding request.

Budget Request Basis

The budget request is basing on market value of the target property and recommended by the Conservation Futures Tax (CFT) Committee.

Project Status

Initial mapping and analysis of the proposed trail corridor have begun. An appraisal of the properties has been completed and a title report has been ordered and reviewed. The landowner is a willing seller and is participating actively in discussion about the project. The Trust for Public Lands (TPL) is lead on negotiations with the landowner; the intent is for TPL to acquire all 8 parcels by the end of 2016 or early 2017 and sell them to King County over a two year phased acquisition process. Funds from the King County's Transfer of Development Rights Program (as a result of sale of the parcels' development rights to developers within the City of Sammamish) will also be used for this acquisition.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	PKS M:EMERALD NCKLCE TR	1123925
Alternatives Analysis		
N/A		
Funding and Revenue Discussion		
King County Parks, Trails and Open Space Replacement Levy		
Other Agency Involvement		
N/A		
Art Eligibility		
N/A		
Equity and Social Justice Impact		
N/A		
Strategic Climate Action Plan Alignment		
N/A		
Operating Budget Impacts		
King County Parks, Trails and Open Space Replacement Levy includes an annual adjusted allotment for stewardship of newly acquired lands.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

PKS M:S FRK SKYKMSH CORR CONSV

1123926

Department	NATURAL RESOURCES AND PARKS
Council District(s)	3
Fund	3581 PARKS CAPITAL
Class Code	STANDALONE
Substantial Completion	
Location	Skykomish
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$931,000	\$0	\$0	\$0	\$931,000
Total Budget	\$931,000	\$0	\$0	\$0	\$931,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

EXPENSE

PKS M:S FRK SKYKMSH CORR CONSV

1123926

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$0	\$0	\$0	\$0
2 Prelim Design	\$0		\$0	\$0	\$0	\$0
3 Final Design	\$0		\$0	\$0	\$0	\$0
4 Implementation	\$0		\$0	\$0	\$0	\$0
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$200,000	\$500,000	\$230,000	\$0	\$930,000
Total Expense	\$0	\$200,000	\$500,000	\$230,000	\$0	\$930,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$931,000	\$200,000
Total	\$0	\$0	\$0	\$931,000	\$200,000

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$731,000	\$0	\$500,000	\$231,000
Total	\$731,000	\$0	\$500,000	\$231,000

NARRATIVES

PKS M:S FRK SKYKMSH CORR CONSV

1123926

Current Scope

South Fork Skykomish Corridor Conservation - This project would protect a large contiguous forest and undeveloped and unprotected high quality salmon habitat along the South Fork Skykomish River and its tributary rivers. It will also allow for increased passive recreation and river access, two miles upstream of Skykomish.

2017 SCOPE UPDATE: Scope is being expanded to acquire an access easement, conservation easement or fee purchase on multiple parcels that connect the town center to the Skykomish Ball Park. Where structures exist an access easement is sufficient, where no structures exist, other options can be pursued.

Project Justification

Updating the project scope. Conservation of these lands is consistent with the objectives and vision outlined in the Skykomish Valley Economic Development, Recreation and Natural Resource Conservation Initiative passed by King County Council via Motion 2014-0102 (March 10, 2014). The Conservation Futures Tax (CFT) Citizens Committee, a council-appointed committee to advise on open space acquisitions, recommended this funding request.

Budget Request Basis

N/A-This is a request for a project scope update.

Project Status

Re-scope of funds that were approved in 2014 and 2015 was approved by council to include target parcels in 2016.

Alternatives Analysis

N/A

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	PKS M:S FRK SKYKMSH CORR CONSV	1123926
Funding and Revenue Discussion		
N/A		
Other Agency Involvement		
N/A		
Art Eligibility		
Open space acquisition.		
Equity and Social Justice Impact		
N/A		
Strategic Climate Action Plan Alignment		
N/A		
Operating Budget Impacts		
King County Parks, Trails and Open Space Replacement Levy includes an annual adjusted allotment for stewardship of newly acquired lands.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

PKS M: SVT MILL SITE TR

1123927

Department	NATURAL RESOURCES AND PARKS
Council District(s)	3
Fund	3581 PARKS CAPITAL
Class Code	STANDALONE
Substantial Completion	
Location	Snoqualmie Mill Site
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition 01/01/15 - 12/31/18	\$689,035	\$296,000	\$0	\$0	\$985,035
Total Budget	\$689,035	\$296,000	\$0	\$0	\$985,035

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31111 - REAL PRPTY TAXES CURRENT	\$296,000	\$0	\$0	\$296,000
Total Revenue	\$296,000	\$0	\$0	\$296,000

EXPENSE

PKS M: SVT MILL SITE TR

1123927

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$0	\$0	\$0	\$0
2 Prelim Design	\$0		\$0	\$0	\$0	\$0
3 Final Design	\$0		\$0	\$0	\$0	\$0
4 Implementation	\$0		\$0	\$0	\$0	\$0
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$689,035		\$296,000	\$0	\$0	\$985,035
Total Expense	\$689,035		\$296,000	\$0	\$0	\$985,035

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$689,035	\$689,035	\$689,035
Total	\$0	\$0	\$689,035	\$689,035	\$689,035

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$296,000	\$296,000	\$0
Total	\$0	\$296,000	\$296,000	\$0

NARRATIVES

PKS M: SVT MILL SITE TR

1123927

Current Scope

Snoqualmie Valley Trail at Mill Site Acquisition - This acquisition project would provide funding to purchase up to 272 acres in and around the historic Snoqualmie Mill site to secure the final 0.5-mile missing link in the 31.5-mile Snoqualmie Valley Trail regional corridor, from Duvall to Rattlesnake Lake. This project will acquire the historic rail bed for future development of the trail and preserve additional land as open space.

Project Justification

Acquiring the missing link in the Snoqualmie Valley Trail corridor has been a high priority for King County Parks (Parks) for over 20 years. Acquisition of these parcels would allow Parks to move forward with planning, design and construction of the 1 ½ -mile gap in the Snoqualmie Valley Trail from Tokul Road to Mill Pond Road, providing a contiguous 31.5-mile recreational trail through the rural towns of Duvall, Carnation, Snoqualmie, Preston, Fall City and North Bend for multiple users (hikers, bikers and equestrians). The Conservation Futures Tax (CFT) Citizens Committee, a council-appointed committee to advise on open space acquisitions, recommended this funding request.

Budget Request Basis

The budget request is basing on market value of the target property and recommended by the Conservation Futures Tax (CFT) Committee.

Project Status

In December 2015, Parks purchased 66 acres at this historic mill site location from Snoqualmie Mill Ventures totaling \$1.6 million. And in December 2012, Parks acquired the adjacent 28-acre Kellogg property for \$550,000. These recent acquisitions secured critical segments of the historic rail bed that will accommodate future development and completion of the Snoqualmie Valley Trail. Parks is currently in negotiations with Weyerhaeuser to discuss acquisition of this final critical missing link in King County's regional trails system. Recent meetings with Weyerhaeuser have indicated a willingness to move forward with acquisition depending on funding availability, the environmental assessment process and valuation.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	PKS M: SVT MILL SITE TR	1123927
Alternatives Analysis		
N/A		
Funding and Revenue Discussion		
King County Parks, Trails and Open Space Replacement Levy		
Other Agency Involvement		
This project is coordinated with the Solid Waste Division and the Prosecuting Attorney's Office.		
Art Eligibility		
N/A		
Equity and Social Justice Impact		
N/A		
Strategic Climate Action Plan Alignment		
N/A		
Operating Budget Impacts		
King County Parks, Trails and Open Space Replacement Levy includes an annual adjusted allotment for stewardship of newly acquired lands.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

PKS M:SNO CORR REC PTNSHP

1123928

Department	NATURAL RESOURCES AND PARKS
Council District(s)	3
Fund	3581 PARKS CAPITAL
Class Code	STANDALONE
Substantial Completion	
Location	North Bend
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition 01/01/15 - 12/31/18	\$435,000	\$302,000	\$0	\$0	\$737,000
Total Budget	\$435,000	\$302,000	\$0	\$0	\$737,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31111 - REAL PRPTY TAXES CURRENT	\$302,000	\$0	\$0	\$302,000
Total Revenue	\$302,000	\$0	\$0	\$302,000

EXPENSE

PKS M:SNO CORR REC PTNSHP

1123928

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$101		\$0	\$0	\$0	\$101
2 Prelim Design	\$907		\$0	\$0	\$0	\$907
3 Final Design	\$0		\$0	\$0	\$0	\$0
4 Implementation	\$173		\$0	\$0	\$0	\$173
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$426,452	\$5,000	\$302,000	\$0	\$0	\$733,452
Total Expense	\$427,633	\$5,000	\$302,000	\$0	\$0	\$734,633

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$101	\$0	\$101
2 Preliminary Design	\$0	\$0	\$907	\$0	\$907
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$173	\$0	\$173
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$426,452	\$435,000	\$431,452
Total	\$0	\$0	\$427,633	\$435,000	\$432,633

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$101)	\$0	\$0	(\$101)
2 Preliminary Design	(\$907)	\$0	\$0	(\$907)
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	(\$173)	\$0	\$0	(\$173)
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$3,548	\$302,000	\$302,000	\$3,548
Total	\$2,367	\$302,000	\$302,000	\$2,367

NARRATIVES

PKS M:SNO CORR REC PTNSHP

1123928

Current Scope

Snoqualmie Corridor Recreation Partnership - This project would fund acquisition of an easement on a portion to be determined of the approximately 32 acres proposed for acquisition by the City of North Bend in a separate CFT application. The City of North Bend's project reflects a multi-agency partnership between the City of North Bend, Si View Metropolitan Park District, and King County, to provide recreational access from North Bend, a community park in a beautiful, mature forested setting with pedestrian and mountain bike trails, and to help preserve the beauty and integrity of the forested hillsides of the Mountains to Sound Greenway corridor. The proposal consists of three parcels, totaling 31.86 acres within the Snoqualmie-Skykomish Watershed and is adjacent to more than 100,000 acres of public land.

Project Justification

The City of North Bend has identified the proposed acquisition for a trailhead serving the North Bend community, as well as the broader region accessing off I-90, Exit 31, as well as a community park. This project is near recently purchased King County lands and would serve as a trailhead and trail connection to Rattlesnake Mountain passive recreation in the Rattlesnake Mountain Scenic Area (co-owned by Washington Department of Natural Resources and King County) and the Raging River State Forest (owned by WADNR with King County easement). Acquisition of this parcel fills gaps in public ownership connecting the community of North Bend with Rattlesnake Mountain. It will foster direct bicycle and pedestrian access for North Bend residents to a major recreation area, provide a trailhead for the future connector trail that will connect the City of North Bend to 30,000 acres of public land with extensive trail systems, and preserve a wildlife habitat and corridor.

Budget Request Basis

The budget request is basing on market value of the target property and recommended by the Conservation Futures Tax (CFT) Committee.

Project Status

The Trust for Public Land is working with landowner to try to secure agreements to purchase property.

Alternatives Analysis

N/A

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	PKS M:SNO CORR REC PTNSHP	1123928
Funding and Revenue Discussion		
King County Parks, Trails and Open Space Replacement Levy		
Other Agency Involvement		
WADNR, Trust for Public Land and City of North Bend		
Art Eligibility		
N/A		
Equity and Social Justice Impact		
N/A		
Strategic Climate Action Plan Alignment		
N/A		
Operating Budget Impacts		
King County Parks, Trails and Open Space Replacement Levy includes an annual adjusted allotment for stewardship of newly acquired lands.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

PKS: M ASSET MGT SYS **1124055**

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3581 PARKS CAPITAL
Class Code	ADMIN
Substantial Completion	
Location	General
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/01/15 - 12/31/18	\$50,000	\$0	\$0	\$0	\$50,000
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation 01/01/15 - 12/31/18	\$250,000	\$573,545	\$600,000	\$0	\$1,423,545
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$300,000	\$573,545	\$600,000	\$0	\$1,473,545

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31111 - REAL PRPTY TAXES CURRENT	\$573,545	\$600,000	\$0	\$1,173,545
Total Revenue	\$573,545	\$600,000	\$0	\$1,173,545

EXPENSE **PKS: M ASSET MGT SYS** **1124055**

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$46	\$49,954	\$0	\$0	\$0	\$50,000
2 Prelim Design	\$3,885		\$0	\$0	\$0	\$3,885
3 Final Design	\$0		\$0	\$0	\$0	\$0
4 Implementation	\$5,772	\$240,343	\$573,545	\$600,000	\$0	\$1,419,660
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$9,704	\$290,297	\$573,545	\$600,000	\$0	\$1,473,546

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$46	\$50,000	\$50,000
2 Preliminary Design	\$0	\$0	\$3,885	\$0	\$3,885
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$5,772	\$250,000	\$246,115
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$9,703	\$300,000	\$300,000

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	(\$3,885)	\$0	\$0	(\$3,885)
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$3,885	\$573,545	\$573,545	\$3,885
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$573,545	\$573,545	\$0

NARRATIVES

PKS: M ASSET MGT SYS

1124055

Current Scope

Asset Management System - This is a project to continue with the identification, assessment and categorization of existing Parks System assets. Asset management software is being purchased and installed in 2016, but data must be collected and entered into the system. The project also proposes to develop a prioritization algorithm for identified asset deficiencies and their repair or replacement.

This 2017/18 appropriation request allows the division to begin collecting data and entering it into the new automated software system for the management of its new and existing physical assets.

Project Justification

The division is embarking on the renovation and construction of a significant number of assets. There exists a need to develop a data set of new and existing assets, procedures to manage those assets, and an automated system to manage and track major maintenance details, drawings, and documents associated with each asset, including their priority ranking for major maintenance, inspection, protection and renewal. The automated system will allow the division to track and report on all Parks assets and to maintain a record of each of the assets, asset service schedules, major maintenance records, the current value of the asset and a schedule for asset replacement. It would also allow Parks to establish regular rehabilitation and replacement cycles and allow the division to develop a system to assist the division in the management and prioritization of the repair and replacement all of its assets.

Budget Request Basis

Budget is estimated based labor costs to collect, input, and analyze data.

Project Status

An asset management software system has been chosen (Lucity). Parks already uses Lucity to manage its Work Orders. The system will be expanded to include asset management and will be installed and configured in 2016.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

PKS: M ASSET MGT SYS

1124055

Alternatives Analysis

A non-action alternative would result in a delay in the collection and automation of the agency's physical assets and a delay in the automation of the documentation of maintenance records. It would also make prioritization of future projects less efficient.

Funding and Revenue Discussion

Other Agency Involvement

N/A

Art Eligibility

Non visible to the public.

Equity and Social Justice Impact

King County's park system impacts determinants of equity such as access to parks and natural resources, healthy built and natural environments, and strong, vibrant neighborhoods. These investments in an asset management system will benefit underserved communities and disadvantaged individuals that use these facilities by allowing the division to include ESJ considerations in the prioritization algorithm.

Strategic Climate Action Plan Alignment

This is a software project only and the requirements of the Green Building Ordinance do not apply.

Operating Budget Impacts

No immediate operating budget impacts are anticipated at this time. However, as capital improvements and major maintenance projects enter and complete construction phases, this work is anticipated to have impacts on the operating budget. For more context concerning future anticipated impacts of the capital program implementation on operations, please refer to the Parks Line of Business Plan.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

PKS M: CHINOOK WIND ACQ

1124477

Department	NATURAL RESOURCES AND PARKS
Council District(s)	8
Fund	3581 PARKS CAPITAL
Class Code	STANDALONE
Substantial Completion	
Location	Tukwila FY15
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition 01/01/15 - 12/31/18	\$350,000	\$185,496	\$0	\$0	\$535,496
Total Budget	\$350,000	\$185,496	\$0	\$0	\$535,496

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31111 - REAL PRPTY TAXES CURRENT	\$185,496	\$0	\$0	\$185,496
Total Revenue	\$185,496	\$0	\$0	\$185,496

EXPENSE

PKS M: CHINOOK WIND ACQ

1124477

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$0	\$0	\$0	\$0
2 Prelim Design	\$0		\$0	\$0	\$0	\$0
3 Final Design	\$0		\$0	\$0	\$0	\$0
4 Implementation	\$0		\$0	\$0	\$0	\$0
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$350,000		\$185,496	\$0	\$0	\$535,496
Total Expense	\$350,000		\$185,496	\$0	\$0	\$535,496

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$350,000	\$350,000	\$350,000
Total	\$0	\$0	\$350,000	\$350,000	\$350,000

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$185,496	\$185,496	\$0
Total	\$0	\$185,496	\$185,496	\$0

NARRATIVES

PKS M: CHINOOK WIND ACQ

1124477

Current Scope

"Chinook Wind" Acquisition - The Chinook Wind Acquisition project is a new 5.83-acre acquisition project located on the Duwamish Waterway in Tukwila, adjacent to Tukwila Interurban Boulevard. The longer-term goal is to restore the property to provide enhance habitat for threatened salmonid species and aquatic species. A hotel on the property will be demolished to allow for the habitat restoration.

This budget request will reallocate unused balance from a project 1124478 PKS M: LOWER GREEN RIVER in Parks Capital Fund 3581.

Project Justification

This is a technical correction to reallocate unused balance to projects according to Conservation Futures Citizens Committee's recommendation.

Budget Request Basis

The budget request is basing on market value of the target property and recommended by the Conservation Futures Tax (CFT) Committee.

Project Status

The hotel on the property has been demolished and the site has been secured and stabilized. Presently the Mitigation Reserves Program is in the process of accruing revenue to fund a restoration project through the sale of mitigation credits.

Alternatives Analysis

N/A

Funding and Revenue Discussion

King County Parks, Trails and Open Space Replacement Levy

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	PKS M: CHINOOK WIND ACQ	1124477
Other Agency Involvement		
N/A		
Art Eligibility		
N/A		
Equity and Social Justice Impact		
N/A		
Strategic Climate Action Plan Alignment		
N/A		
Operating Budget Impacts		
N/A		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

PKS M: LOWER GREEN RIVER

1124478

Department	NATURAL RESOURCES AND PARKS
Council District(s)	5
Fund	3581 PARKS CAPITAL
Class Code	STANDALONE
Substantial Completion	
Location	Kent
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition 01/01/15 - 12/31/18	\$400,000	(\$385,496)	\$0	\$0	\$14,504
Total Budget	\$400,000	(\$385,496)	\$0	\$0	\$14,504

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31111 - REAL PRPTY TAXES CURRENT	(\$385,496)	\$0	\$0	(\$385,496)
Total Revenue	(\$385,496)	\$0	\$0	(\$385,496)

EXPENSE

PKS M: LOWER GREEN RIVER

1124478

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$50		\$0	\$0	\$0	\$50
2 Prelim Design	\$0		\$0	\$0	\$0	\$0
3 Final Design	\$0		\$0	\$0	\$0	\$0
4 Implementation	\$0		\$0	\$0	\$0	\$0
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$14,454		\$0	\$0	\$0	\$14,454
Total Expense	\$14,504		\$0	\$0	\$0	\$14,504

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$50	\$0	\$50
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$14,454	\$400,000	\$14,454
Total	\$0	\$0	\$14,504	\$400,000	\$14,504

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$50)	\$0	\$0	(\$50)
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$385,546	(\$385,496)	\$0	\$50
Total	\$385,496	(\$385,496)	\$0	\$0

NARRATIVES

PKS M: LOWER GREEN RIVER

1124478

Current Scope

Lower Green River Acquisition - This was a 10.24-acre open space acquisition project located on Frager Road South, west of the Green River near Cottonwood Grove Park in Kent. Project has not been able to move forward, and funding is no longer needed at this site.

This budget request will reallocate unused balance to other projects listed below in Parks Capital Fund 3581.

1124477 PKS M: CHINOOK WIND ACQ

1121445 PKS M:NEWAUKUM/BIG SPRING CRK

1127075 PKS LOWER NEWAUKUM CRK

Project Justification

This is a technical correction to reallocate unused balance to projects according to Conservation Futures Citizens Committee's recommendation.

Budget Request Basis

The amount is unused balance and to be reallocated to other projects according to CFT recommendation.

Project Status

As noted above, project negotiations failed and funding is not needed at this location.

Alternatives Analysis

N/A

Funding and Revenue Discussion

King County Parks, Trails and Open Space Replacement Levy

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	PKS M: LOWER GREEN RIVER	1124478
Other Agency Involvement		
N/A		
Art Eligibility		
N/A		
Equity and Social Justice Impact		
N/A		
Strategic Climate Action Plan Alignment		
N/A		
Operating Budget Impacts		
N/A		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

PKS CPITAL PLAN ADM

1126266

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3581 PARKS CAPITAL
Class Code	ADMIN
Substantial Completion	
Location	General
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation 01/01/17 - 12/31/18	\$0	\$3,036,371	\$1,566,945	\$0	\$4,603,316
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$3,036,371	\$1,566,945	\$0	\$4,603,316

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31734 - REET 1 1ST 1 4	\$362,262	\$156,694	\$0	\$518,956
31735 - REET 2 2ND 1 4	\$2,674,109	\$1,410,251	\$0	\$4,084,360
Total Revenue	\$3,036,371	\$1,566,945	\$0	\$4,603,316

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		PKS CPITAL PLAN ADM				1126266
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$0	\$0	\$0	\$0
2 Prelim Design	\$0		\$0	\$0	\$0	\$0
3 Final Design	\$0		\$0	\$0	\$0	\$0
4 Implementation	\$0		\$3,036,371	\$1,566,945	\$0	\$4,603,316
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$0		\$3,036,371	\$1,566,945	\$0	\$4,603,316

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$3,036,371	\$3,036,371	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$3,036,371	\$3,036,371	\$0

NARRATIVES	PKS CPITAL PLAN ADM	1126266
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Current Scope

Capital Planning Administration - This is a new project consolidating funds from existing projects. This new project will provide funding for the continuation of the support, planning, development, and stewardship of King County Parks capital projects.

Project Justification

One consolidated Parks capital planning and administration project will improve efficiency and monitoring as a whole. In addition, it provides more transparency with respect to the various costs associated with implementing the Parks capital program.

Budget Request Basis

The amount requested is calculated basing on the current central rate, software and side-system license fees, and anticipated labor costs.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	PKS CPITAL PLAN ADM	1126266
Project Status		
New		
Alternatives Analysis		
N/A		
Funding and Revenue Discussion		
Other Agency Involvement		
N/A		
Art Eligibility		
The project is administrative project and not visible to the public.		
Equity and Social Justice Impact		
N/A		
Strategic Climate Action Plan Alignment		
N/A		
Operating Budget Impacts		
N/A		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

PKS LOWER NEWAUKUM CRK

1127075

Department	NATURAL RESOURCES AND PARKS
Council District(s)	9
Fund	3581 PARKS CAPITAL
Class Code	STANDALONE
Substantial Completion	
Location	Between Black Diamond and Enumclaw
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition 01/01/15 - 12/31/18	\$455,000	\$400,000	\$0	\$0	\$855,000
Total Budget	\$455,000	\$400,000	\$0	\$0	\$855,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31111 - REAL PRPTY TAXES CURRENT	\$400,000	\$0	\$0	\$400,000
Total Revenue	\$400,000	\$0	\$0	\$400,000

EXPENSE

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$0	\$0	\$0	\$0
2 Prelim Design	\$0		\$0	\$0	\$0	\$0
3 Final Design	\$0		\$0	\$0	\$0	\$0
4 Implementation	\$0		\$0	\$0	\$0	\$0
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$455,000	\$400,000	\$0	\$0	\$855,000
Total Expense	\$0	\$455,000	\$400,000	\$0	\$0	\$855,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$455,000	\$455,000
Total	\$0	\$0	\$0	\$455,000	\$455,000

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$400,000	\$400,000	\$0
Total	\$0	\$400,000	\$400,000	\$0

NARRATIVES

PKS LOWER NEWAUKUM CRK

1127075

Current Scope

Lower Newaukum Creek - This project will acquire additional natural areas along the Green River. The Lower Newaukum Creek project has a goal of acquiring and protecting habitat in the lower Newaukum Creek basin and at the creek's confluence with the Green River near Whitney Bridge Park, south of Black Diamond.

Project Justification

The area above and below the confluence of Newaukum Creek and the Green River has been recognized for over two decades by King County as a high priority area for salmonid species conservation, because it is one of the two most significant chinook and steelhead habitat areas in the (WRIA 9) Green River Watershed. There are three vacant parcels on the Green River immediately west of 212th Way SE that are the first priority for acquisition for this project. They are key parcels in connecting and permanently preserving over 2,500 acres of forested State-owned park lands along the Green River Gorge to the east, with over 1,200 acres of conservation lands owned by King County along the Green River to the west. Protecting from development and restoring a habitat buffer on Green River is a top priority of this project. The Conservation Futures Tax (CFT) Citizens Committee, a council-appointed committee to advise on open space acquisitions, recommended this funding request.

Budget Request Basis

The budget request is basing on market value of the target property and recommended by the Conservation Futures Tax (CFT) Committee.

Project Status

Acquisition planning complete; funding not yet received.

Alternatives Analysis

N/A

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	PKS LOWER NEWAUKUM CRK	1127075
Funding and Revenue Discussion		
King County Parks, Trails and Open Space Replacement Levy. Note that the CFT Citizens Committee also recommended CFT funding for this project.		
Other Agency Involvement		
N/A		
Art Eligibility		
N/A		
Equity and Social Justice Impact		
N/A		
Strategic Climate Action Plan Alignment		
N/A		
Operating Budget Impacts		
King County Parks, Trails and Open Space Replacement Levy includes an annual adjusted allotment for stewardship of newly acquired lands.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

PKS BIG BEACH

1127078

Department	NATURAL RESOURCES AND PARKS
Council District(s)	8
Fund	3581 PARKS CAPITAL
Class Code	STANDALONE
Substantial Completion	
Location	Vashon Island
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition 01/01/15 - 12/31/18	\$670,000	\$350,000	\$0	\$0	\$1,020,000
Total Budget	\$670,000	\$350,000	\$0	\$0	\$1,020,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31111 - REAL PRPTY TAXES CURRENT	\$350,000	\$0	\$0	\$350,000
Total Revenue	\$350,000	\$0	\$0	\$350,000

EXPENSE

PKS BIG BEACH

1127078

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$0	\$0	\$0	\$0
2 Prelim Design	\$0		\$0	\$0	\$0	\$0
3 Final Design	\$0		\$0	\$0	\$0	\$0
4 Implementation	\$0		\$0	\$0	\$0	\$0
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$670,000	\$350,000	\$0	\$0	\$1,020,000
Total Expense	\$0	\$670,000	\$350,000	\$0	\$0	\$1,020,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$670,000	\$670,000
Total	\$0	\$0	\$0	\$670,000	\$670,000

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$350,000	\$350,000	\$0
Total	\$0	\$350,000	\$350,000	\$0

NARRATIVES

PKS BIG BEACH

1127078

Current Scope

Big Beach Acquisition - The project will acquire up to 15 acres in fee or easement as an addition to Big Beach Natural Area. This project focuses on a specific process unit (SPU) and divergence zone in the Maury Island Aquatic Reserve. The project is a mix of preserving intact parcels and purchasing developed shoreline to allow for future restoration opportunities.

Project Justification

These properties will add to the preserve already established at Lost Lake and shoreline preserved in 2007-2008 at the Inspiration Point and Neill Point Natural Areas. In 2014, three parcels were added to Neill Point NA and a new fourth preserve was created with two more parcels (Big Beach NA). KC has two additional parcels under contract in the SPU in 2015. If successful, this funding will be used to match grant funding for the future restoration of the properties. This project also supports Public Health's efforts to stop septic pollution in this Marine Recovery Area. The entire project area is located in a historic landslide and current landslide hazard area. Buying the properties has the added benefit of moving people out of landslide risk.

The Conservation Futures Tax (CFT) Citizens Committee, a council-appointed committee to advise on open space acquisitions, recommended this funding request.

Budget Request Basis

The budget request is basing on market value of the target property and recommended by the Conservation Futures Tax (CFT) Committee.

Project Status

We closed on a parcel May 27, 2016 that will spend most of the funding. Relocation of the tenant should spend the remaining balance,

Alternatives Analysis

N/A

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	PKS BIG BEACH	1127078
Funding and Revenue Discussion		
King County Parks, Trails and Open Space Replacement Levy. Note that the CFT Citizens Committee also recommended CFT funding for this project.		
Other Agency Involvement		
N/A		
Art Eligibility		
N/A		
Equity and Social Justice Impact		
N/A		
Strategic Climate Action Plan Alignment		
N/A		
Operating Budget Impacts		
King County Parks, Trails and Open Space Replacement Levy includes an annual adjusted allotment for stewardship of newly acquired lands.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

PKS SNOQUALMIE FOREST

1129471

Department	NATURAL RESOURCES AND PARKS
Council District(s)	3
Fund	3581 PARKS CAPITAL
Class Code	STANDALONE
Substantial Completion	
Location	Snoqualmie
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition 01/01/17 - 12/31/18	\$0	\$25,000	\$0	\$0	\$25,000
Total Budget	\$0	\$25,000	\$0	\$0	\$25,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31111 - REAL PRPTY TAXES CURRENT	\$25,000	\$0	\$0	\$25,000
Total Revenue	\$25,000	\$0	\$0	\$25,000

EXPENSE

PKS SNOQUALMIE FOREST

1129471

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$0	\$0	\$0	\$0
2 Prelim Design	\$0		\$0	\$0	\$0	\$0
3 Final Design	\$0		\$0	\$0	\$0	\$0
4 Implementation	\$0		\$0	\$0	\$0	\$0
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$0		\$25,000	\$0	\$0	\$25,000
Total Expense	\$0		\$25,000	\$0	\$0	\$25,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$25,000	\$25,000	\$0
Total	\$0	\$25,000	\$25,000	\$0

NARRATIVES

PKS SNOQUALMIE FOREST

1129471

Current Scope

Snoqualmie Forest Conservation Planning - This request is to fund feasibility and appraisal in support of additional conservation at Snoqualmie Forest.

Project Justification

Retain parcels as working forest and prevent residential development. Add to 90,000+ acres of protected Snoqualmie Forest, which connects to hundreds of thousands of acres of forested public land. Easement does not secure public access, but many large forest landowners have allowed public access to their lands. Proposal may also include fee purchase of trail or trailhead-related parcels. The Conservation Futures Tax (CFT) Citizens Committee, a council-appointed committee to advise on open space acquisitions, recommended this funding request.

Budget Request Basis

The budget request is basing on previous experience and recommended by the Conservation Futures Tax (CFT) Committee.

Project Status

New

Alternatives Analysis

N/A

Funding and Revenue Discussion

King County Parks, Trails and Open Space Replacement Levy. Note that the CFT Citizens Committee also recommended CFT funding for this project.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	PKS SNOQUALMIE FOREST	1129471
Other Agency Involvement		
This project is coordinated with the Water and Land Resources Division.		
Art Eligibility		
N/A		
Equity and Social Justice Impact		
N/A		
Strategic Climate Action Plan Alignment		
N/A		
Operating Budget Impacts		
King County Parks, Trails and Open Space Replacement Levy includes an annual adjusted allotment for stewardship of newly acquired lands.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

PKS LWR CEDAR RV/TAYLOR

1129472

Department	NATURAL RESOURCES AND PARKS
Council District(s)	3
Fund	3581 PARKS CAPITAL
Class Code	STANDALONE
Substantial Completion	
Location	North of Maple Valley
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition 01/01/17 - 12/31/18	\$0	\$300,000	\$0	\$0	\$300,000
Total Budget	\$0	\$300,000	\$0	\$0	\$300,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31111 - REAL PRPTY TAXES CURRENT	\$300,000	\$0	\$0	\$300,000
Total Revenue	\$300,000	\$0	\$0	\$300,000

EXPENSE

PKS LWR CEDAR RV/TAYLOR

1129472

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$0	\$0	\$0	\$0
2 Prelim Design	\$0		\$0	\$0	\$0	\$0
3 Final Design	\$0		\$0	\$0	\$0	\$0
4 Implementation	\$0		\$0	\$0	\$0	\$0
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$0		\$300,000	\$0	\$0	\$300,000
Total Expense	\$0		\$300,000	\$0	\$0	\$300,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$300,000	\$300,000	\$0
Total	\$0	\$300,000	\$300,000	\$0

NARRATIVES

PKS LWR CEDAR RV/TAYLOR

1129472

Current Scope

Lower Cedar River at Taylor - Acquire approximately 10 acres in fee along Taylor Creek in the Cedar River basin and adding to restoration footprint at Mouth of Taylor Reach Natural Area north of Maple Valley.

Project Justification

Fish and wildlife habitat can be created in this area. The current adjacent wetland looked like the subject property prior to its creation. As mitigation reserves easement is placed on the site, project team will need to ensure at least some public access is allowed on the site (e.g. off of Maxwell Road SE) due to use of Parks Levy funds. The Conservation Futures Tax (CFT) Citizens Committee, a council-appointed committee to advise on open space acquisitions, recommended this funding request.

Budget Request Basis

The budget request is basing on market value of the target property and recommended by the Conservation Futures Tax (CFT) Committee.

Project Status

New

Alternatives Analysis

N/A

Funding and Revenue Discussion

King County Parks, Trails and Open Space Replacement Levy. Note that the CFT Citizens Committee also recommended CFT funding for this project.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	PKS LWR CEDAR RV/TAYLOR	1129472
Other Agency Involvement		
This project is coordinated with the Water and Land Resources Division.		
Art Eligibility		
N/A		
Equity and Social Justice Impact		
N/A		
Strategic Climate Action Plan Alignment		
N/A		
Operating Budget Impacts		
King County Parks, Trails and Open Space Replacement Levy includes an annual adjusted allotment for stewardship of newly acquired lands.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

PKS BURTON PIT

1129473

Department	NATURAL RESOURCES AND PARKS
Council District(s)	3
Fund	3581 PARKS CAPITAL
Class Code	STANDALONE
Substantial Completion	
Location	Vashon Island
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition 01/01/16 - 12/31/18	\$0	\$150,000	\$0	\$0	\$150,000
Total Budget	\$0	\$150,000	\$0	\$0	\$150,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31111 - REAL PRPTY TAXES CURRENT	\$150,000	\$0	\$0	\$150,000
Total Revenue	\$150,000	\$0	\$0	\$150,000

EXPENSE

PKS BURTON PIT

1129473

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$0	\$0	\$0	\$0
2 Prelim Design	\$0		\$0	\$0	\$0	\$0
3 Final Design	\$0		\$0	\$0	\$0	\$0
4 Implementation	\$0		\$0	\$0	\$0	\$0
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$0		\$150,000	\$0	\$0	\$150,000
Total Expense	\$0		\$150,000	\$0	\$0	\$150,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$150,000	\$150,000	\$0
Total	\$0	\$150,000	\$150,000	\$0

NARRATIVES

PKS BURTON PIT

1129473

Current Scope

Burton Pit Acquisition - This request seeks funding to acquire a 20-acre King County Roads parcel, Burton Pit. King County Roads is proposing to surplus this property.

Project Justification

Preserving this parcel as public land will retain a significant forest tract in SW Vashon Island, preventing future development and habitat fragmentation. The site is completely forested with healthy second growth Douglas-fir. A tributary of Fisher Creek, a salmon-bearing stream, runs through the southwest corner of the parcel. As Vashon Island is a sole source aquifer, this site also provides critical water recharge. The Conservation Futures Tax (CFT) Citizens Committee, a council-appointed committee to advise on open space acquisitions, recommended this funding request.

Budget Request Basis

The budget request is basing on market value of the target property and recommended by the Conservation Futures Tax (CFT) Committee.

Project Status

New

Alternatives Analysis

N/A

Funding and Revenue Discussion

King County Parks, Trails and Open Space Replacement Levy

Other Agency Involvement

This project is coordinated with King County Roads Division and the Water and Land Resources Division.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	PKS BURTON PIT	1129473
Art Eligibility		
N/A		
Equity and Social Justice Impact		
N/A		
Strategic Climate Action Plan Alignment		
N/A		
Operating Budget Impacts		
King County Parks, Trails and Open Space Replacement Levy includes an annual adjusted allotment for stewardship of newly acquired lands.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

PKS VASHON GOLF COURSE

1129474

Department	NATURAL RESOURCES AND PARKS
Council District(s)	3
Fund	3581 PARKS CAPITAL
Class Code	STANDALONE
Substantial Completion	
Location	Maury Island, near Vashon Island
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition 01/01/17 - 12/31/18	\$0	\$25,000	\$0	\$0	\$25,000
Total Budget	\$0	\$25,000	\$0	\$0	\$25,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31111 - REAL PRPTY TAXES CURRENT	\$25,000	\$0	\$0	\$25,000
Total Revenue	\$25,000	\$0	\$0	\$25,000

EXPENSE

PKS VASHON GOLF COURSE

1129474

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$0	\$0	\$0	\$0
2 Prelim Design	\$0		\$0	\$0	\$0	\$0
3 Final Design	\$0		\$0	\$0	\$0	\$0
4 Implementation	\$0		\$0	\$0	\$0	\$0
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$0		\$25,000	\$0	\$0	\$25,000
Total Expense	\$0		\$25,000	\$0	\$0	\$25,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$25,000	\$25,000	\$0
Total	\$0	\$25,000	\$25,000	\$0

NARRATIVES

PKS VASHON GOLF COURSE

1129474

Current Scope

Vashon Golf Course Acquisition Planning - This request seeks funding to conduct feasibility and determine related costs to acquire the 53-acre Vashon Golf Club in fee or easement.

Project Justification

Golf course contains significant potential for long-term open space/passive recreation and/or agricultural use, and links to other protected public lands on Maury Island. The Conservation Futures Tax (CFT) Citizens Committee, a council-appointed committee to advise on open space acquisitions, recommended this funding request.

Budget Request Basis

The budget request is basing on prior experience and recommended by the Conservation Futures Tax (CFT) Committee.

Project Status

New

Alternatives Analysis

N/A

Funding and Revenue Discussion

King County Parks, Trails and Open Space Replacement Levy

Other Agency Involvement

N/A

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	PKS VASHON GOLF COURSE	1129474
Art Eligibility		
N/A		
Equity and Social Justice Impact		
N/A		
Strategic Climate Action Plan Alignment		
N/A		
Operating Budget Impacts		
N/A		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

PKS SPRING BEACH

1129475

Department	NATURAL RESOURCES AND PARKS
Council District(s)	8
Fund	3581 PARKS CAPITAL
Class Code	STANDALONE
Substantial Completion	
Location	Vashon Island
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition 01/01/17 - 12/31/18	\$0	\$140,000	\$0	\$0	\$140,000
Total Budget	\$0	\$140,000	\$0	\$0	\$140,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31111 - REAL PRPTY TAXES CURRENT	\$140,000	\$0	\$0	\$140,000
Total Revenue	\$140,000	\$0	\$0	\$140,000

EXPENSE

PKS SPRING BEACH

1129475

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$0	\$0	\$0	\$0
2 Prelim Design	\$0		\$0	\$0	\$0	\$0
3 Final Design	\$0		\$0	\$0	\$0	\$0
4 Implementation	\$0		\$0	\$0	\$0	\$0
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$0		\$140,000	\$0	\$0	\$140,000
Total Expense	\$0		\$140,000	\$0	\$0	\$140,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$140,000	\$140,000	\$0
Total	\$0	\$140,000	\$140,000	\$0

NARRATIVES

PKS SPRING BEACH

1129475

Current Scope

Spring Beach Acquisition - Acquire 3 parcels (24 acres) in this phase of acquisition and acquiring fee or easement. These parcels are located just south of Camp Sealth and north of VIPRD's Spring Beach Park.

Project Justification

This acquisition on SW Vashon Island will permanently protect 23.75 acres including 677 feet of marine shoreline, bluff backed beach, creeks and wetlands. The property is at risk for development, has a well installed on site and has completed building feasibility. The Conservation Futures Tax (CFT) Citizens Committee, a council-appointed committee to advise on open space acquisitions, recommended this funding request.

Budget Request Basis

The budget request is basing on market value of the target property and recommended by the Conservation Futures Tax (CFT) Committee.

Project Status

King County purchased two out of three of the parcels. The third was purchased and being held by the Vashon Land Trust while we wait for the remaining funding.

Alternatives Analysis

N/A

Funding and Revenue Discussion

King County Parks, Trails and Open Space Replacement Levy. Note that the CFT Citizens Committee also recommended CFT funding for this project.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	PKS SPRING BEACH	1129475
Other Agency Involvement		
N/A		
Art Eligibility		
N/A		
Equity and Social Justice Impact		
N/A		
Strategic Climate Action Plan Alignment		
N/A		
Operating Budget Impacts		
King County Parks, Trails and Open Space Replacement Levy includes an annual adjusted allotment for stewardship of newly acquired lands.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

PKS VASHON ISLND S UPLAND FRST

1129476

Department	NATURAL RESOURCES AND PARKS
Council District(s)	3
Fund	3581 PARKS CAPITAL
Class Code	STANDALONE
Substantial Completion	
Location	Vashon Island
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition 01/01/17 - 12/31/18	\$0	\$175,000	\$0	\$0	\$175,000
Total Budget	\$0	\$175,000	\$0	\$0	\$175,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31111 - REAL PRPTY TAXES CURRENT	\$175,000	\$0	\$0	\$175,000
Total Revenue	\$175,000	\$0	\$0	\$175,000

EXPENSE

PKS VASHON ISLND S UPLAND FRST

1129476

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$0	\$0	\$0	\$0
2 Prelim Design	\$0		\$0	\$0	\$0	\$0
3 Final Design	\$0		\$0	\$0	\$0	\$0
4 Implementation	\$0		\$0	\$0	\$0	\$0
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$0		\$175,000	\$0	\$0	\$175,000
Total Expense	\$0		\$175,000	\$0	\$0	\$175,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$175,000	\$175,000	\$0
Total	\$0	\$175,000	\$175,000	\$0

NARRATIVES

PKS VASHON ISLND S UPLAND FRST

1129476

Current Scope

Vashon Island South Upland Forest Acquisition - Acquire 60 acres of forested land as a new initiative on southwestern Vashon Island to conserve large tracts of upland forests.

Project Justification

This is a new initiative to explore the conservation of large blocks of undeveloped forest land in SE Vashon Island. More than 500 acres of upland forests could be preserved to connect to Camp Sealth, other large forest landholdings, and adjacent natural areas along the shoreline. The acquisition approach may include both development rights and fee purchase. The Conservation Futures Tax (CFT) Citizens Committee, a council-appointed committee to advise on open space acquisitions, recommended this funding request.

Budget Request Basis

The budget request is basing on market value of the target property and recommended by the Conservation Futures Tax (CFT) Committee.

Project Status

New

Alternatives Analysis

N/A

Funding and Revenue Discussion

King County Parks, Trails and Open Space Replacement Levy. Note that the CFT Citizens Committee also recommended CFT funding for this project.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	PKS VASHON ISLND S UPLAND FRST	1129476
Other Agency Involvement		
This project is coordinated with the Water and Land Resources Division.		
Art Eligibility		
N/A		
Equity and Social Justice Impact		
N/A		
Strategic Climate Action Plan Alignment		
N/A		
Operating Budget Impacts		
King County Parks, Trails and Open Space Replacement Levy includes an annual adjusted allotment for stewardship of newly acquired lands.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

PKS M:PARKS ENERGY EFFICIENCY

1129671

Master Project

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3581 PARKS CAPITAL
Class Code	PKS M:PARKS ENERGY EFFICIENCY
Substantial Completion	
Location	Countywide
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$20,000	\$0	\$0	\$20,000
3 Final Design	\$0	\$20,000	\$0	\$0	\$20,000
4 Implementation	\$0	\$1,421,000	\$600,000	\$0	\$2,021,000
5 Closeout	\$0	\$5,000	\$0	\$0	\$5,000
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$1,466,000	\$600,000	\$0	\$2,066,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
36999 - OTHER MISC REVENUE	\$1,006,000	\$420,000	\$0	\$1,426,000
39776 - CONTRIB REET #2	\$460,000	\$180,000	\$0	\$640,000
Total Revenue	\$1,466,000	\$600,000	\$0	\$2,066,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		PKS M:PARKS ENERGY EFFICIENCY				1129671
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$0	\$0	\$0	\$0
2 Prelim Design	\$0		\$20,000	\$0	\$0	\$20,000
3 Final Design	\$0		\$20,000	\$0	\$0	\$20,000
4 Implementation	\$0		\$1,421,000	\$600,000	\$0	\$2,021,000
5 Closeout	\$0		\$5,000	\$0	\$0	\$5,000
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$0		\$1,466,000	\$600,000	\$0	\$2,066,000

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$20,000	\$20,000	\$0
3 Final Design	\$0	\$20,000	\$20,000	\$0
4 Implementation	\$0	\$1,421,000	\$1,421,000	\$0
5 Closeout	\$0	\$5,000	\$5,000	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$1,466,000	\$1,466,000	\$0

NARRATIVES PKS M:PARKS ENERGY EFFICIENCY 1129671

Current Scope

Parks Energy Efficiency Program - This appropriation will fund the design and installation of 131 kW of additional solar at Weyerhaeuser King County Aquatic Center (WKCAC) and 45 kW of solar at Steve Cox Memorial Park (SCMP).

The project includes the \$100K of funding for the retrofit of existing lighting systems with new LED lighting at a number of Parks facilities located throughout the parks system and \$460K for funding in LED replacement on Ballfield and Sportcourts.

Project Justification

This project allows the Parks Division to meet its goals of reducing energy and greenhouse gas emissions. It also reduces short and long term energy costs which, after repayment of the FRED loan, will free up utility funds in the operating budget.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	PKS M:PARKS ENERGY EFFICIENCY	1129671
Budget Request Basis		
Budget is based on Planning Level Engineer's Estimate, firm bids, and past experience.		
Project Status		
New		
Alternatives Analysis		
Alternatives were evaluated prior to applying for the grant.		
Funding and Revenue Discussion		
Washington State Department of Commerce Grant for \$454K, Seattle City Light Rebate (verbal commitment) for \$160K, and remainder of costs via FRED Loan repaid with operational savings beginning year one in 2018. \$460K REET II (Transferred from Ballfield and Sport courts project).		
Other Agency Involvement		
Permitting agencies and granting agency may have limited involvement. No other agency involvement is anticipated.		
Art Eligibility		
Minor rehabilitation for energy efficiency.		
Equity and Social Justice Impact		
King County's park system impacts determinants of equity such as access to parks and natural resources, healthy built and natural environments, and strong, vibrant neighborhoods. These investments will benefit underserved communities and disadvantaged individuals that use these facilities.		
Strategic Climate Action Plan Alignment		
Programmatic Sustainable Scorecard Platinum will be targeted.		
Operating Budget Impacts		
Energy savings will be used to pay FRED Loan beginning in 2018. Revenue neutral.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

PKS EMERGENT CONTINGENCY 3581

1129673

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3581 PARKS CAPITAL
Class Code	ADMIN
Substantial Completion	
Location	General
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$2,430,729	\$270,000	\$0	\$2,700,729
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$2,430,729	\$270,000	\$0	\$2,700,729

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31111 - REAL PRPTY TAXES CURRENT	\$2,430,729	\$270,000	\$0	\$2,700,729
Total Revenue	\$2,430,729	\$270,000	\$0	\$2,700,729

EXPENSE

PKS EMERGENT CONTINGENCY 3581

1129673

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$0	\$0	\$0	\$0
2 Prelim Design	\$0		\$0	\$0	\$0	\$0
3 Final Design	\$0		\$0	\$0	\$0	\$0
4 Implementation	\$0		\$2,430,729	\$450,000	\$0	\$2,880,729
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$0		\$2,430,729	\$450,000	\$0	\$2,880,729

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$2,430,729	\$2,430,729	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$2,430,729	\$2,430,729	\$0

NARRATIVES

PKS EMERGENT CONTINGENCY 3581

1129673

Current Scope

Emergent Need Contingency Project Fund 3581 - This is a project to provide a mechanism for funding an existing capital project within the same fund that has insufficient appropriation due to unforeseen circumstances such as project delays or accelerations. If needed, this project will also provide a source of funding for matching portions of grants.

Project Justification

The Code (K.C.C. 4A.100.080) allows agencies to establish an Emergent Need Contingency Project in their capital funds. The emergent need contingency funds can be transferred to other capital projects without council approval to address unanticipated project costs, as long as the capital projects requiring a transfer is less than fifteen percent of total project costs.

Budget Request Basis

The amount requested is calculated as contingency amount for the existing projects and also for matching portions of anticipated or potential future grants. The budget request for this project is being split between the two capital funds in Parks. The larger portion of emergent contingency funds will be in Fund 3581 while a smaller portion will be in Fund 3160.

Project Status

New

Alternatives Analysis

N/A

Funding and Revenue Discussion

N/A

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	PKS EMERGENT CONTINGENCY 3581	1129673
Other Agency Involvement		
N/A		
Art Eligibility		
The project is administrative project and not visible to the public.		
Equity and Social Justice Impact		
N/A		
Strategic Climate Action Plan Alignment		
N/A		
Operating Budget Impacts		
N/A		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

PKS GRANT CONTINGENCY 3581

1129676

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3581 PARKS CAPITAL
Class Code	ADMIN
Substantial Completion	
Location	General
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation 01/01/17 - 12/31/18	\$0	\$7,818,750	\$0	\$0	\$7,818,750
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$7,818,750	\$0	\$0	\$7,818,750

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
36999 - OTHER MISC REVENUE	\$7,818,750	\$0	\$0	\$7,818,750
Total Revenue	\$7,818,750	\$0	\$0	\$7,818,750

EXPENSE

PKS GRANT CONTINGENCY 3581

1129676

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$0	\$0	\$0	\$0
2 Prelim Design	\$0		\$0	\$0	\$0	\$0
3 Final Design	\$0		\$0	\$0	\$0	\$0
4 Implementation	\$0		\$7,818,750	\$0	\$0	\$7,818,750
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$0		\$7,818,750	\$0	\$0	\$7,818,750

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$7,818,750	\$7,818,750	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$7,818,750	\$7,818,750	\$0

NARRATIVES

PKS GRANT CONTINGENCY 3581

1129676

Current Scope

Grant Contingency Project Fund 3581 - This is a project to provide Parks with more flexibility on the budget side to deal with both anticipated and unanticipated future grant opportunities. The Grant Contingency request is being split between the two capital funds in Parks. A larger portion of the Grant Contingency request is in Fund 3581 as compared to Fund 3160.

Project Justification

The Grant Contingency project is being requested in anticipation of projects to be supported by grant revenues or other external funding sources. This request will expedite the implementation of capital projects that are expected to receive grant revenues without having to wait for a supplemental budget opportunity. It is expected that this efficiency will also result in lower project costs based on the ability to contract for services such as design and construction in a more timely manner.

Budget Request Basis

The amount requested is based on grants that have either already been applied for or currently under consideration. Potential granting agencies include the Puget Sound Regional Council (PSRC), the State's Recreation & Conservation Office (RCO), WADNR, King County Flood District, Land and Water Conservation Fund (LWCF), and the Cooperative Watershed Management (CWM).

Project Status

New

Alternatives Analysis

N/A

Funding and Revenue Discussion

Grants

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	PKS GRANT CONTINGENCY 3581	1129676
Other Agency Involvement		
N/A		
Art Eligibility		
The project is administrative project.		
Equity and Social Justice Impact		
N/A		
Strategic Climate Action Plan Alignment		
Some of the projects that would benefit from grant funding in this grant contingency request are related to SCAP alignment. For example, one of the grant requests pertains to forestry (one million trees), forest stewardship education, and a carbon project. These efforts are all in alignment with SCAP Goal Area 5 – Forests & Agriculture.		
Operating Budget Impacts		
N/A		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

PKS M:RTS ADA TRANSITION PLAN

1129688

Master Project

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3581 PARKS CAPITAL
Class Code	PKS M:RTS ADA TRANSITION PLAN
Substantial Completion	
Location	General
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/01/17 - 12/31/18	\$0	\$200,000	\$200,000	\$0	\$400,000
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$200,000	\$200,000	\$0	\$400,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31111 - REAL PRPTY TAXES CURRENT	\$200,000	\$200,000	\$0	\$400,000
Total Revenue	\$200,000	\$200,000	\$0	\$400,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		PKS M:RTS ADA TRANSITION PLAN				1129688
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$200,000	\$200,000	\$0	\$400,000
2 Prelim Design	\$0		\$0	\$0	\$0	\$0
3 Final Design	\$0		\$0	\$0	\$0	\$0
4 Implementation	\$0		\$0	\$0	\$0	\$0
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$0		\$200,000	\$200,000	\$0	\$400,000

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$200,000	\$200,000	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$200,000	\$200,000	\$0

NARRATIVES	PKS M:RTS ADA TRANSITION PLAN	1129688
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Current Scope

Regional Trail System ADA Transition Program - This project begins the process of bringing King County Parks' facilities, and trails into compliance with Americans with Disabilities Act (ADA) standards, as well as other relevant state and local accessibility requirements. Project-related tasks may include: creating an internal working group to develop procedures and checklists to ensure ADA compliance for future capital projects, hiring consultant services to document accessibility requirements that apply to the variety of facilities and trails in Parks' inventory, and creating a strategy for the development of a Parks' ADA Transition Plan. In addition, begin the process of drafting transition plan and collecting field data.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

PKS M:RTS ADA TRANSITION PLAN

1129688

Project Justification

The County, as a Title II local government entity, is subject to federal Americans with Disabilities Act (ADA) standards and requirements in addition to state and local accessibility requirements. King County Parks (Parks) is also subject to several regulations and standards issued by federal agencies with jurisdiction over different programs. Iterative revisions in federal regulations require Parks to revisit and update its facilities, services, and programs to ensure compliance. This is a new program provided to address the on-going nature of compliance with these requirements.

Budget Request Basis

This project funds the planning-related activities required to begin Parks' compliance with ADA and other accessibility requirements and funds the drafting and initial implementation of the Parks' ADA Transition Plan.

Project Status

New

Alternatives Analysis

N/A

Funding and Revenue Discussion

Other Agency Involvement

N/A

Art Eligibility

Project not visible to the public

Equity and Social Justice Impact

This project will begin improving access to recreational opportunities for people with disabilities.

Strategic Climate Action Plan Alignment

N/A

Operating Budget Impacts

No immediate operating budget impacts are anticipated at this time. However, as capital improvements and major maintenance projects enter and complete construction phases, this work is anticipated to have impacts on the operating budget. For more context concerning future anticipated impacts of the capital program implementation on operations, please refer to the Parks Line of Business Plan.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

PKS M:RTS MONITORING & MAINT

1129690

Master Project

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3581 PARKS CAPITAL
Class Code	PKS M:RTS MONITORING & MAINT
Substantial Completion	
Location	Countywide
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation 01/01/17 - 12/31/18	\$0	\$1,302,000	\$1,000,000	\$0	\$2,302,000
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$1,302,000	\$1,000,000	\$0	\$2,302,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31111 - REAL PRPTY TAXES CURRENT	\$1,302,000	\$1,000,000	\$0	\$2,302,000
Total Revenue	\$1,302,000	\$1,000,000	\$0	\$2,302,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		PKS M:RTS MONITORING & MAINT				1129690
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$0	\$0	\$0	\$0
2 Prelim Design	\$0		\$0	\$0	\$0	\$0
3 Final Design	\$0		\$0	\$0	\$0	\$0
4 Implementation	\$0		\$1,302,000	\$1,000,000	\$0	\$2,302,000
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$0		\$1,302,000	\$1,000,000	\$0	\$2,302,000

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$1,302,000	\$1,302,000	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$1,302,000	\$1,302,000	\$0

NARRATIVES	PKS M:RTS MONITORING & MAINT	1129690
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Current Scope

Regional Trail System Monitoring and Maintenance Program - This project funds on-site assessments of plantings and mitigation along the Regional Trail System Projects. In addition, the program is funded to evaluate the health of landscape plantings, perform site maintenance and monitoring, remove invasive plants, replant dead or damaged plants, and provide reports to regulatory agencies for review and approval.

This budget funds monitoring and maintenance along the Regional Trail sites such as Burke Gilman, East Lake Sammamish Trails, and Lake to Sound.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

PKS M:RTS MONITORING & MAINT

1129690

Project Justification

Permitting agencies and/or local city ordinances often require King County to install significant planting on new projects. This planting must be maintained per permit conditions and city standards and regularly monitored to ensure standards are being met. Funding will provide appropriate compliance monitoring and maintenance to meet the permit requirements and city standards. Monitoring and maintenance is typically required for at least 3 to 10 years or for as long as it takes to meet standards.

Budget Request Basis

Budget is based on actual costs for similar site maintenance and monitoring requirements from past years.

Project Status

New

Alternatives Analysis

These are ongoing regulatory and/or city requirements. Failure to fulfill commitments and obligations would trigger penalties and other consequences including possible closure of a facility. Impacts could also include difficulty securing future permits.

Funding and Revenue Discussion

Other Agency Involvement

Permitting agencies and King County Community Work Program (DAJD) are involved.

Art Eligibility

Maintenance or minor rehabilitation

Equity and Social Justice Impact

N/A

Strategic Climate Action Plan Alignment

Planting areas are included in the Sustainable Scorecard analysis that is done for the associated project. Parks seeks to minimize its impact on the environment and by facilitating access to nature, hopes to educate the community of the need to protect open space for future generations.

Operating Budget Impacts

No immediate operating budget impacts are anticipated at this time. However, as capital improvements and major maintenance projects enter and complete construction phases, this work is anticipated to have impacts on the operating budget. For more context concerning future anticipated impacts of the capital program implementation on operations, please refer to the Parks Line of Business Plan.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

PKS M:RTS STANDARDS & SAFETY

1129692

Master Project

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3581 PARKS CAPITAL
Class Code	PKS M:RTS STANDARDS & SAFETY
Substantial Completion	
Location	General
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/01/17 - 12/31/18	\$0	\$200,000	\$0	\$0	\$200,000
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$300,000	\$0	\$300,000
4 Implementation 01/01/17 - 12/31/18	\$0	\$1,002,945	\$1,200,000	\$0	\$2,202,945
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$1,202,945	\$1,500,000	\$0	\$2,702,945

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31111 - REAL PRPTY TAXES CURRENT	\$1,202,945	\$1,500,000	\$0	\$2,702,945
Total Revenue	\$1,202,945	\$1,500,000	\$0	\$2,702,945

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		PKS M:RTS STANDARDS & SAFETY				1129692
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$150,000	\$0	\$0	\$150,000
2 Prelim Design	\$0		\$0	\$0	\$0	\$0
3 Final Design	\$0		\$0	\$300,000	\$0	\$300,000
4 Implementation	\$0		\$1,002,945	\$1,200,000	\$0	\$2,202,945
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$0		\$1,152,945	\$1,500,000	\$0	\$2,652,945

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$200,000	\$150,000	\$50,000
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$1,002,945	\$1,002,945	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$1,202,945	\$1,152,945	\$50,000

NARRATIVES PKS M:RTS STANDARDS & SAFETY 1129692

Current Scope

Regional Trail System Standards and Safety Program - This project will be used to identify, prioritize and begin resolving safety and standards deficiencies throughout the 175 mile King County Regional Trails System (RTS). This project will address safety and standards improvement projects that exceed both normal maintenance and trail resurfacing schedules. Areas in need of improvement may include street and/or intersection crossings and areas with sub-standard sightlines. Proposed solutions for these identified deficiencies will vary by project but may include: vegetation management, unsafe intersection treatments, trail striping, and regulatory signage.

Project Justification

The King County RTS is comprised of facilities that were designed and constructed over the course of the last 40 years by King County and other jurisdictions. Over time, the safety of the RTS has been compromised at various locations due to the aging and deterioration of trail facilities, changing site conditions, and evolving trail safety and design standards. Additional funding is needed to address these deficiencies and bring the RTS up to current trail safety and design standards.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	PKS M:RTS STANDARDS & SAFETY	1129692
Budget Request Basis		
Budget request would fund implementation of the highest priority projects. Additional funding would be required in the future to address all identified deficiencies.		
Project Status		
New		
Alternatives Analysis		
N/A		
Funding and Revenue Discussion		
Other Agency Involvement		
N/A		
Art Eligibility		
Project not visible to the public.		
Equity and Social Justice Impact		
N/A		
Strategic Climate Action Plan Alignment		
N/A		
Operating Budget Impacts		
It is anticipated that safety and standards improvements will not impact King County operations. Any safety and standards improvements will take place along existing trail facilities that are already maintained by operations staff.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

PKS M:SKYWAY PARK

1129700

Art Eligible

Department	NATURAL RESOURCES AND PARKS
Council District(s)	2
Fund	3581 PARKS CAPITAL
Class Code	STANDALONE
Substantial Completion	
Location	Skyway Park
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$200,000	\$0	\$0	\$200,000
2 Preliminary Design	\$0	\$150,000	\$0	\$0	\$150,000
3 Final Design	\$0	\$108,716	\$0	\$0	\$108,716
4 Implementation	\$0	\$41,284	\$0	\$0	\$41,284
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$500,000	\$0	\$0	\$500,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$41,284	\$0	\$0	\$41,284

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
36999 - OTHER MISC REVENUE	\$500,000	\$0	\$0	\$500,000
Total Revenue	\$500,000	\$0	\$0	\$500,000

EXPENSE

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$200,000	\$0	\$0	\$200,000
2 Prelim Design	\$0		\$150,000	\$0	\$0	\$150,000
3 Final Design	\$0		\$108,716	\$0	\$0	\$108,716
4 Implementation	\$0		\$41,284	\$0	\$0	\$41,284
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$0		\$500,000	\$0	\$0	\$500,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$200,000	\$200,000	\$0
2 Preliminary Design	\$0	\$150,000	\$150,000	\$0
3 Final Design	\$0	\$108,716	\$108,716	\$0
4 Implementation	\$0	\$41,284	\$41,284	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$500,000	\$500,000	\$0

NARRATIVES

PKS M:SKYWAY PARK

1129700

Current Scope

Skyway Park Program - This appropriation will fund the planning, design, engineering, permitting and construction of the proposed Skyway Park improvements. This project will make multiple improvements, including installing a new mini open play soccer arena, upgrading fencing, lighting, restrooms and ADA access, repurposing poorly draining ballfields to a grassy meadow, and creating a new pedestrian entry way. The scope may be adjusted based budget and grant funding that is available.

Project Justification

The park is located in an urban unincorporated King County's area that has been economically struggling for many years. Skyway-West Hill shows vast differences from countywide averages: the residents are among the most diverse in the region with a majority-minority population, household income is considerably lower than in the rest of county, and nearly every public health indicator such as heart disease, obesity, and access to healthy food, is alarmingly higher than those found countywide and in adjacent cities. Also noteworthy is the rate of children eligible for free and reduced cost school meals, which ranges from 69 percent to 86 percent in the schools serving students from Skyway-West Hill.

Ultimately, this project seeks to inspire revitalization of the community by creating a vibrant and safe community asset in Skyway Park. This project is building on the recommendations of a community-led comprehensive planning effort that engaged a broad range of residents and stakeholders and that integrated issues of equity, public health, education, housing, transportation, and public infrastructure. Once complete, this project will enable the park to truly become a focal point for the community, cultivating a sense of place, encouraging physical activity and healthy lifestyles, and offering a safe place for youth and families to gather and enjoy the outdoors.

Budget Request Basis

Budget is based on planning level estimates using cost data for a similar project completed in the last few years.

Project Status

New

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

PKS M:SKYWAY PARK

1129700

Alternatives Analysis

To implement the full design of this project it would be necessary to budget several million dollars. However, the project we are proposing is phased as the funding becomes available. In addition, the partnership with Skyway Solutions, Seattle Sounders, CPG grant funds, and the potential for LWCF grant funding together provide a good foundation of funds and support for the project. Alternatives are generally considered as part of schematic design phase.

Funding and Revenue Discussion

Car Rental Sales Tax

Other Agency Involvement

Through a grant from Seattle/King County Public Health, Skyway Solutions, a local nonprofit, worked to develop conceptual design of the Park. The funds from the Car Rental Tax in the 2017/18 budget would provide matching funds for a Land and Water Conservation Fund (LWCF) grant application. Additionally, the Seattle Sounders FC have already committed to supporting this project by delivering free soccer balls to the surrounding community, offering free clinics and camps for the kids in the community, and will work to leverage their other partners to support kids in the classroom and on the field.

Art Eligibility

N/A

Equity and Social Justice Impact

King County's park system impacts determinants of equity such as access to parks and natural resources, healthy built and natural environments, and strong, vibrant neighborhoods. These investments will benefit underserved communities and disadvantaged individuals that use these facilities.

Strategic Climate Action Plan Alignment

N/A

Operating Budget Impacts

No immediate operating budget impacts are anticipated at this time. However, as capital improvements and major maintenance projects enter and complete construction phases, this work is anticipated to have impacts on the operating budget. For more context concerning future anticipated impacts of the capital program implementation on operations, please refer to the Parks Line of Business Plan.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

MD VESSEL PRESERVATION

1111713

Department	TRANSPORTATION
Council District(s)	8
Fund	3591 KC MARINE CONST
Class Code	STANDALONE
Substantial Completion	
Location	801 Alaskan Way, Seattle 98104: Pier 50 downtown Seattle
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$1,000,000	\$1,000,000	\$2,000,000
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$0	\$1,000,000	\$1,000,000	\$2,000,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31111 - REAL PRPTY TAXES CURRENT	\$0	\$1,000,000	\$1,000,000	\$2,000,000
Total Revenue	\$0	\$1,000,000	\$1,000,000	\$2,000,000

EXPENSE MD VESSEL PRESERVATION 1111713

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$0	\$0	\$0	\$0
2 Prelim Design	\$0		\$0	\$0	\$0	\$0
3 Final Design	\$0		\$0	\$0	\$0	\$0
4 Implementation	\$0		\$0	\$1,000,000	\$1,000,000	\$2,000,000
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$0		\$0	\$1,000,000	\$1,000,000	\$2,000,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0

NARRATIVES

MD VESSEL PRESERVATION

1111713

Current Scope

Vessel Preservation - The Vessel Preservation project is part of the CIP six year plan to provide major vessel maintenance to extend the useful life of the vessel assets. Budget appropriation will be requested in the 2019-20 budget cycle.

Project Justification

Budget Request Basis

CAP report is for planning purposes only, and does not constitute an appropriation request.

Project Status

Alternatives Analysis

Funding and Revenue Discussion

Other Agency Involvement

Art Eligibility

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	MD VESSEL PRESERVATION	1111713
Equity and Social Justice Impact		
Strategic Climate Action Plan Alignment		
Operating Budget Impacts		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

MD TERMINAL IMPROVEMENTS

1111716

Art Eligible

Department	TRANSPORTATION
Council District(s)	8
Fund	3591 KC MARINE CONST
Class Code	STANDALONE
Substantial Completion	
Location	801 Alaskan Way, Seattle 98104: Seattle, Vashon, and West Seattle Terminals
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$1	\$0	\$0	\$0	\$1
2 Preliminary Design	\$1	\$0	\$0	\$0	\$1
3 Final Design	\$50,001	\$50,000	\$0	\$0	\$100,001
4 Implementation	\$450,001	\$130,000	\$0	\$0	\$580,001
5 Closeout	\$2	\$0	\$0	\$0	\$2
6 Acquisition	\$1	\$0	\$0	\$0	\$1
Total Budget	\$500,007	\$180,000	\$0	\$0	\$680,007

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$1,800	\$0	\$0	\$1,800

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31111 - REAL PRPTY TAXES CURRENT	\$180,000	\$0	\$0	\$180,000
Total Revenue	\$180,000	\$0	\$0	\$180,000

EXPENSE MD TERMINAL IMPROVEMENTS 1111716

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$0	\$0	\$0	\$0
2 Prelim Design	\$25	(\$25)	\$0	\$0	\$0	\$0
3 Final Design	\$74,344	\$5,025	\$20,631	\$0	\$0	\$100,000
4 Implementation	\$283,343	\$11,157	\$285,500	\$0	\$0	\$580,000
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$357,712	\$16,157	\$306,131	\$0	\$0	\$680,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$1	\$0
2 Preliminary Design	\$0	\$0	\$25	\$1	\$0
3 Final Design	\$0	\$0	\$74,344	\$50,001	\$79,369
4 Implementation	\$0	\$0	\$283,343	\$450,001	\$294,500
5 Closeout	\$0	\$0	\$0	\$2	\$0
6 Acquisition	\$0	\$0	\$0	\$1	\$0
Total	\$0	\$0	\$357,712	\$500,007	\$373,869

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$1	\$0	\$0	\$1
2 Preliminary Design	\$1	\$0	\$0	\$1
3 Final Design	(\$29,368)	\$50,000	\$20,631	\$1
4 Implementation	\$155,501	\$130,000	\$285,500	\$1
5 Closeout	\$2	\$0	\$0	\$2
6 Acquisition	\$1	\$0	\$0	\$1
Total	\$126,138	\$180,000	\$306,131	\$7

NARRATIVES

MD TERMINAL IMPROVEMENTS

1111716

Current Scope

Terminal Improvements - This project will make improvements to the operating terminals and maintenance facility, and make capital improvements to fare collection methods aimed at safety, customer comfort, and efficiency.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

MD TERMINAL IMPROVEMENTS

1111716

Project Justification

Problem Statement: Passenger-only ferry service provides a vital link in the region's transportation planning efforts, as a waterborne transportation alternative. The three ferry terminals and the maintenance and moorage barge require modifications in order to accept the fit up of the new vessels under construction for the passenger ferry service. Secure tie up arrangements, proper and safe boarding ramps, and adequate fendering systems are necessary to keep both the vessels and passengers safe. In addition, providing efficient ticketing and payment options are necessary to attract and retain customers.

Recommendations and Expected Outcomes: This project directly supports King County Water Taxi services by performing design and implementation efforts associated with improvements for the safe tie up and loading / unloading of the new larger vessels. This will be accomplished at four locations where vessels tie up; Seattle Pier 50 Terminal, Vashon Island Terminal, Seacrest Park in West Seattle, and the moorage and maintenance barge at Pier 48.

This project also provides for the design and implementation of enhanced fare collection and ticketing. Development of automated fare payment systems utilizing web-based purchases, smart phone applications and enhanced ticket vending and cash collection equipment are some of the technologies/equipment being considered.

Risk of Not Implementing: This project is critical to the execution of the King County Passenger-Only Ferry Service Implementation Plan and to the safe, reliable, and customer-focused operation of the King County passenger-only ferry service. Not implementing the vessel fit up changes and the boarding ramps carries significant risk by limiting the service we can provide with the newly constructed vessels.

Not implementing fare collection and ticket vending improvements will have a negative impact on potential ridership growth and efficient boarding of passengers. The ticket vending machines are reaching the end of their useful life. Not replacing them with new technology will result in machines that are not supported and do not meet the operational requirements of the system. Implementing web based and smart phone technologies make it easier for customers to access services. Reduced ridership could be a result of not implementing either of these initiatives. New technology for automated fare collection assures accurate and auditable cash collection and failure to implement could lead to a loss of revenue.

Budget Request Basis

Additional appropriation is requested in the 2017-18 biennium to move forward with implementing fare collection and ticket vending improvements. The requested appropriation will support the planning, design, and implementation phase of the project.

Project Status

The scope of work for the new vessel fit up at existing locations has been completed. The selection and procurement of an enhanced fare collection and ticketing system will begin in 3rd quarter of 2016, with the implementation expected in early 2017.

Alternatives Analysis

Handheld credit card fare collection/ORCA reading devices were briefly considered as an alternative. Development costs and speed of fare collection prevents this as being a viable option at this time. New ticket vending machines will increase transaction speed, reliability, and offer more fare type options over present equipment.

Funding and Revenue Discussion

Funding is provided by the King County Property Tax Levy.

Other Agency Involvement

This project will involve coordination with King County Procurement and King County Transit. Kitsap Transit will provide feedback as there is the potential of King County operating future Kitsap routes.

Art Eligibility

This project is contributing to the 1% for the Arts program.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	MD TERMINAL IMPROVEMENTS	1111716
Equity and Social Justice Impact		
N/A		
Strategic Climate Action Plan Alignment		
Green Building Reporting is not applicable as this is an equipment project related to upgrading the ticket vending machines.		
Operating Budget Impacts		
It is likely that only very small, if any, operating costs would be anticipated and would be replaced by the existing operating costs associated with the current ticket vending machines being replaced. Yearly operating costs would begin in 2017 at the earliest.		

Capital Appropriation Proposal

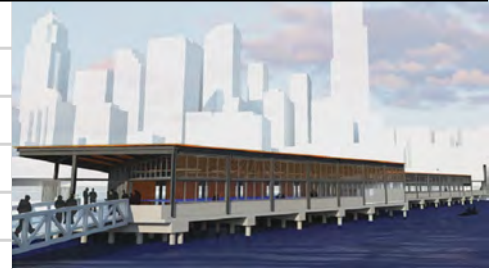
Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status: Approved

MD SEATTLE FERRY TERMINAL

1111718

Green Building Reporting, Art Eligible

Department	TRANSPORTATION
Council District(s)	8
Fund	3591 KC MARINE CONST
Class Code	STANDALONE
Substantial Completion	
Location	801 Alaskan Way, Seattle 98104: Pier 50 Downtown Seattle
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$1	\$0	\$0	\$0	\$1
2 Preliminary Design	\$880,001	(\$161,325)	\$0	\$0	\$718,676
3 Final Design	\$2,506,485	(\$338,909)	\$0	\$0	\$2,167,576
4 Implementation	\$2,912,577	\$21,201,167	\$0	\$0	\$24,113,744
5 Closeout	\$2	\$0	\$0	\$0	\$2
6 Acquisition	\$1	\$0	\$0	\$0	\$1
Total Budget	\$6,299,067	\$20,700,933	\$0	\$0	\$27,000,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$100,000	\$0	\$0	\$100,000

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
33118 - FED TRANSIT CAP INVEST	\$13,785,371	\$0	\$0	\$13,785,371
39113 - GENERAL OBLIGATION BONDS	\$4,915,562	\$0	\$0	\$4,915,562
40933 - FED TRANSIT CAP INVEST-FORMULA GRANTS	\$2,000,000	\$0	\$0	\$2,000,000
Total Revenue	\$20,700,933	\$0	\$0	\$20,700,933

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		MD SEATTLE FERRY TERMINAL				1111718
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		(\$1)	\$0	\$0	(\$1)
2 Prelim Design	\$718,676		\$0	\$0	\$0	\$718,676
3 Final Design	\$26,884	\$1,615,692	\$525,000	\$0	\$0	\$2,167,576
4 Implementation	\$54,767		\$24,058,985	\$0	\$0	\$24,113,752
5 Closeout	\$0		(\$2)	\$0	\$0	(\$2)
6 Acquisition	\$0		(\$1)	\$0	\$0	(\$1)
Total Expense	\$800,327	\$1,615,692	\$24,583,981	\$0	\$0	\$27,000,000

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$1	\$0
2 Preliminary Design	\$0	\$0	\$718,676	\$880,001	\$718,676
3 Final Design	\$0	\$0	\$26,884	\$2,506,485	\$1,642,576
4 Implementation	\$0	\$0	\$54,767	\$2,912,577	\$54,767
5 Closeout	\$0	\$0	\$0	\$2	\$0
6 Acquisition	\$0	\$0	\$0	\$1	\$0
Total	\$0	\$0	\$800,327	\$6,299,067	\$2,416,019

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$1	\$0	(\$1)	\$2
2 Preliminary Design	\$161,325	(\$161,325)	\$0	\$0
3 Final Design	\$863,910	(\$338,909)	\$525,000	\$1
4 Implementation	\$2,857,810	\$21,201,167	\$24,058,985	(\$8)
5 Closeout	\$2	\$0	(\$2)	\$4
6 Acquisition	\$1	\$0	(\$1)	\$2
Total	\$3,883,049	\$20,700,933	\$24,583,981	\$1

NARRATIVES MD SEATTLE FERRY TERMINAL 1111718

Current Scope

Seattle Ferry Terminal - The overall project will include all aspects of designing and constructing a new permanent passenger-only facility (POF) on the southern edge of the expanded Washington State Ferries (WSF) terminal, vehicle holding lanes. It includes an interim POF terminal location to allow passenger ferry operations during construction. The WSF Colman Dock preservation project includes replacement of their ferry terminal building, Slip #3 overhead loading and expansion of their vehicle holding lanes as well as the replacement of the adjacent Pier 50 passenger-only ferry (POF) facility. The POF is operated by the King County Marine Division, and will be owned by King County upon completion.

WSF will manage the project utilizing a General Contractor/Construction Manager delivery method and the King County Marine Division will monitor, review and approve activities related to the design and construction of the POF facility.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

MD SEATTLE FERRY TERMINAL

1111718

Project Justification

King County's passenger-only ferry service provides a vital link in the region's transportation network, as a waterborne transportation alternative. Washington State Ferries (WSF) is planning a major preservation project at Colman Dock which is co-located with the County's passenger ferry slip which it leases from WSF. The County is currently working collaboratively with WSF through the planning, design, permitting, and preliminary engineering phases. A design phase agreement is in place between the parties outlining roles, responsibilities, and cost sharing elements. The parties are negotiating a long term lease (50 Years + 25 year renewal) for the tidelands that the new County Ferry facility will be located on. Efforts are underway to negotiate a construction / development agreement between WSF and King County.

Recommendations and Expected Outcomes: The goal of the project is to implement the most efficient and prudent method of designing and constructing a permanent downtown Seattle multi-modal hub. This project is directly linked to King County's ability to provide continued passenger-only ferry service at Pier 50 by constructing a new terminal facility and an interim operating ferry slip while construction is underway. An alternative site analysis was conducted and it was determined that the location chosen is the only practical location on the Seattle waterfront.

Project Management Plan: WSF is implementing the General Contractor/Construction Management (GC/CM) delivery method. This contractor was onboard beginning with the 30% design effort and is working with the design team to identify efficiencies, phasing options, value engineering considerations, and constructability issues. This early engagement by the construction management team should greatly reduce the risk of unknowns inherent in other delivery methods such as Design, Bid, and Build.

Beginning with the 60% design phase, the Marine Division assigned a dedicated project manager to oversee the scope, schedule, budget of the County portion of the project and will interact with the WSF design team, project consultants, and the GC/CM.

Project Key Elements:

- An at grade pedestrian / cycle walkway leading to a covered passenger queuing area with ticketing infrastructure
- Sheltered passenger waiting area inclusive of office, employee restroom, and storage
- Security infrastructure inclusive of cameras, gates, monitoring equipment meeting requirements of the Marine Transportation Security Act and the division's Security Plan
- Gangway and float for two vessels with ability to accommodate future expansion capability to dock four vessels
- Vertical circulation including stairs and elevators leading to an overhead pedestrian bridge to WSF terminal

There is significant risk associated with a failure to move forward with this project. This project is critical to the very existence of POF services, as it is tied to the essential downtown Seattle infrastructure. Without this project, King County could not deliver on its mission to provide safe, reliable, and customer-focused passenger-only ferry service. Lack of appropriation for this project would carry a significant risk into the future that operations would be disrupted by actions beyond our own control.

Budget Request Basis

King County's POF portion of the multi-modal hub is currently scheduled to take 12 to 18 months and will be completed as early as late 2018. The requested appropriation will support the design and construction phases of the project. The estimated project cost are \$27,000,000. Including the 2015 – 16 Biennium Budget the project has a current appropriation of \$6,299,067. To date, King County has over \$16.4 million in Federal Transit Administration grants allocated to the Seattle Ferry Terminal project with most grants requiring a local match of 20%.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

MD SEATTLE FERRY TERMINAL

1111718

Project Status

Design agreements are in place with Washington State Ferries for the design component of the project and King County is currently negotiating a long term tidelands lease for the future passenger only terminal. A construction / development agreement needs to be negotiated with WSF prior to start of construction in 3rd quarter 2017. As of 2nd quarter 2016, a Project Manager has been hired to take over the day to day management of the project.

The project is currently in final design with design completion planned by early 2017. The 60% design package has been submitted and is being reviewed; work on 90% design documents is expected to begin in July of 2016. Other current activities include: security and signage assessments, discussion regarding the interim location of the POF facility during the first phase of the WSF construction project, and public outreach communication events.

Alternatives Analysis

The capital project MD Pier 50 Terminal Improvements provided a detailed siting study that included an alternatives analysis. Due to the proximity to the Washington State Ferries and the interest in making this location a multi-modal facility, it was determined the preferred terminal location was Pier 50.

The consequences of deferral or disapproval is the demise of passenger-only ferry service on the Seattle waterfront and will impact the Vashon and West Seattle community by eliminating POF service. The failure to fund this project will negatively impact transportation in King County by ceasing to offer waterborne transportation as an alternative means of travel. Additionally, the Vashon Island community would be negatively impacted by their inability to access public services on the mainland, employment opportunities and plans to provide security and emergent care/assistance from King County in a time of crisis would be severely impacted.

Funding and Revenue Discussion

Other Agency Involvement

This project will involve coordination with: King County, Washington State Ferries, City of Seattle, local tribes, and other state and federal waterfront stakeholders. Washington State Ferries has lead agency status for the project and the City of Seattle will be issuing the needed permits. Tribal consultation has concluded and settlements reached with WSF for the expanded overwater coverage anticipated by the project. This project is being carefully coordinated with the master plan for the Seattle Waterfront Project and frequent project updates have been provided to the Seattle Design Commission by WSF and King County.

Art Eligibility

This project is contributing to the 1% for the Arts program.

Equity and Social Justice Impact

The ability to explore the principles of equity and social justice (ESJ) and how they impact water taxi operations is limited by the routes we serve. Based on research performed to date, the demographics of the locations we serve do not include large populations of low-income or minority households. The Marine Division intends to continue ongoing efforts to find ways to provide more equitable access to the Water Taxi with a goal of creating opportunities for all people in the communities we serve to have access to passenger-only ferry services.

This capital project includes "in-water" activities in Elliott Bay and is within the court-adjudicated usual and accustomed fishing areas of the Muckleshoot Indian Tribe and Suquamish Tribe. Washington State Ferries negotiated agreements with these tribes to avoid, minimize and mitigate impacts of the project on the fishing rights and interests reserved by the Tribe in its 1855 Treaty of Point Elliot and to compensate the tribes for impacts and interference with treaty fishing rights that are unavoidable. The King County Marine Division will participate at a percentage of the total project.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

MD SEATTLE FERRY TERMINAL

1111718

Strategic Climate Action Plan Alignment

The project has the goal of achieving platinum certification on the sustainable infrastructure scorecard. Since the project does not include a building, LEED certification is not applicable. There are currently no plans to use utility incentives or grants to support energy or water efficiency, these elements will be incorporated into design and construction documents as appropriate.

This project specifically addresses Goal Area 3: Green Building, Measure 1: Percentage of King County-owned capital projects achieving a Platinum level certification using LEED, the Sustainable Infrastructure Scorecard, or an alternative green building rating system that demonstrates the same performance.

Green building and sustainable development strategies will be employed as determined using the sustainable infrastructure scorecard, and may include use of an integrative design process, green contract language, planning and design for alternative transportation, long term maintenance design, and efficient construction delivery.

The additional costs associated with attaining this certification have not yet been determined.

Operating Budget Impacts

Changes to existing operating costs will begin at the earliest in 2017 and have been identified in the POF Temporary Move decision package. Final changes to ongoing annual operating costs are unknown at this time.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

MD MARINE GENERAL CAPITAL

1111720

TA

Department	TRANSPORTATION
Council District(s)	8
Fund	3591 KC MARINE CONST
Class Code	ADMIN
Substantial Completion	
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 07/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$2,505	\$0	\$0	\$0	\$2,505
2 Preliminary Design	\$1	\$0	\$0	\$0	\$1
3 Final Design	\$1	\$0	\$0	\$0	\$1
4 Implementation	\$1	\$21,578	\$0	\$0	\$21,579
5 Closeout	\$2	\$0	\$0	\$0	\$2
6 Acquisition	\$1	\$0	\$0	\$0	\$1
Total Budget	\$2,511	\$21,578	\$0	\$0	\$24,089

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$21,578	\$0	\$0	\$21,578
Total Revenue	\$21,578	\$0	\$0	\$21,578

EXPENSE

MD MARINE GENERAL CAPITAL

1111720

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$2,511	\$0	\$21,578	\$0	\$0	\$24,089
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$2,511	\$0	\$21,578	\$0	\$0	\$24,089

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 07/2016	ITD Budget thru 07/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$2,505	\$0
2 Preliminary Design	\$0	\$0	\$0	\$1	\$0
3 Final Design	\$0	\$0	\$0	\$1	\$0
4 Implementation	\$0	\$0	\$2,511	\$1	\$2,511
5 Closeout	\$0	\$0	\$0	\$2	\$0
6 Acquisition	\$0	\$0	\$0	\$1	\$0
Total	\$0	\$0	\$2,511	\$2,511	\$2,511

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$2,505	\$0	\$0	\$2,505
2 Preliminary Design	\$1	\$0	\$0	\$1
3 Final Design	\$1	\$0	\$0	\$1
4 Implementation	(\$2,510)	\$21,578	\$21,578	(\$2,510)
5 Closeout	\$2	\$0	\$0	\$2
6 Acquisition	\$1	\$0	\$0	\$1
Total	\$0	\$21,578	\$21,578	\$0

NARRATIVES

MD MARINE GENERAL CAPITAL

1111720

Current Scope

Marine General Capital - Covers the cost of CIP oversight services provided to the Marine Division's CIP projects by the King County Auditor's Office.

Project Justification

This project is to pay for auditor related costs for the CIP program.

Budget Request Basis

Budget requested based on model for allocating these auditor costs to agencies.

Project Status

Alternatives Analysis

Funding and Revenue Discussion

Other Agency Involvement

Art Eligibility

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	MD MARINE GENERAL CAPITAL	1111720
Equity and Social Justice Impact		
Strategic Climate Action Plan Alignment		
Not applicable to project.		
Operating Budget Impacts		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

MD TERMINAL PRESERVATION

1111723

Department	TRANSPORTATION
Council District(s)	8
Fund	3591 KC MARINE CONST
Class Code	STANDALONE
Substantial Completion	
Location	801 Alaskan Way, Seattle 98104: Seattle, Vashon, and West Seattle terminals.
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$1	\$0	\$0	\$0	\$1
2 Preliminary Design	\$1	\$0	\$0	\$0	\$1
3 Final Design	\$1	\$0	\$0	\$0	\$1
4 Implementation	\$1	\$0	\$500,000	\$750,000	\$1,250,001
5 Closeout	\$2	\$0	\$0	\$0	\$2
6 Acquisition	\$1	\$0	\$0	\$0	\$1
Total Budget	\$7	\$0	\$500,000	\$750,000	\$1,250,007

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31111 - REAL PRPTY TAXES CURRENT	\$0	\$500,000	\$750,000	\$1,250,000
Total Revenue	\$0	\$500,000	\$750,000	\$1,250,000

EXPENSE

MD TERMINAL PRESERVATION

1111723

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$0	\$0	\$0	\$0
2 Prelim Design	\$0		\$0	\$0	\$0	\$0
3 Final Design	\$0		\$0	\$0	\$0	\$0
4 Implementation	\$0		\$0	\$500,000	\$750,000	\$1,250,000
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$0		\$0	\$500,000	\$750,000	\$1,250,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$1	\$0
2 Preliminary Design	\$0	\$0	\$0	\$1	\$0
3 Final Design	\$0	\$0	\$0	\$1	\$0
4 Implementation	\$0	\$0	\$0	\$1	\$0
5 Closeout	\$0	\$0	\$0	\$2	\$0
6 Acquisition	\$0	\$0	\$0	\$1	\$0
Total	\$0	\$0	\$0	\$7	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$1	\$0	\$0	\$1
2 Preliminary Design	\$1	\$0	\$0	\$1
3 Final Design	\$1	\$0	\$0	\$1
4 Implementation	\$1	\$0	\$0	\$1
5 Closeout	\$2	\$0	\$0	\$2
6 Acquisition	\$1	\$0	\$0	\$1
Total	\$7	\$0	\$0	\$7

NARRATIVES

MD TERMINAL PRESERVATION

1111723

Current Scope

Terminal Preservation - The Terminal Preservation project is part of the CIP six year plan to provide terminal maintenance to extend the useful life of the terminal assets. Budget appropriation will be requested in the 2019-20 budget cycle.

Project Justification

Budget Request Basis

CAP report is for planning purposes only, and does not constitute an appropriation request.

Project Status

Alternatives Analysis

Funding and Revenue Discussion

Other Agency Involvement

Art Eligibility

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	MD TERMINAL PRESERVATION	1111723
Equity and Social Justice Impact		
Strategic Climate Action Plan Alignment		
Operating Budget Impacts		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

MD Float Replacement

1129116

Art Eligible

Department	TRANSPORTATION
Council District(s)	8
Fund	3591 KC MARINE CONST
Class Code	STANDALONE
Substantial Completion	
Location	801 Alaskan Way, Seattle 98104: Pier 50 Downtown Seattle
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$785,331	\$0	\$0	\$785,331
4 Implementation	\$0	\$4,502,566	\$0	\$0	\$4,502,566
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$5,287,897	\$0	\$0	\$5,287,897

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$52,355	\$0	\$0	\$52,355

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31111 - REAL PRPTY TAXES CURRENT	\$1,339,897	\$0	\$0	\$1,339,897
33118 - FED TRANSIT CAP INVEST	\$3,948,000	\$0	\$0	\$3,948,000
Total Revenue	\$5,287,897	\$0	\$0	\$5,287,897

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		MD Float Replacement				1129116
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$0	\$0	\$0	\$0
2 Prelim Design	\$0		\$0	\$0	\$0	\$0
3 Final Design	\$0		\$785,331	\$0	\$0	\$785,331
4 Implementation	\$0		\$4,502,566	\$0	\$0	\$4,502,566
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$0		\$5,287,897	\$0	\$0	\$5,287,897

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$785,331	\$785,331	\$0
4 Implementation	\$0	\$4,502,566	\$4,502,566	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$5,287,897	\$5,287,897	\$0

NARRATIVES	MD Float Replacement	1129116
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Current Scope

Float Replacement - To replace the existing Pier 50 POF mooring float that is nearing the end of its useful life. The float is critical to safely operating the King County's POF service, the mooring of vessels and the safe and efficient boarding and disembarking of passengers.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

MD Float Replacement

1129116

Project Justification

King County is has been working collaboratively with Washington State Ferries (WSF) to design and construct a new passenger only ferry terminal as part of the larger WSF Seattle Multimodal Terminal at Colman Dock project. The Pier 50 POF Terminal mooring float owned by WSF and utilized under license agreement by King County was not originally scoped as part of their environmental review process for their project and will be undertaken as a King County stand-alone project.

The existing passenger only ferry mooring float located at Pier 50 is nearing the end of its useful life with a deteriorating condition. It is owned by WSF and is over 50 years old, originally serving the U.S. Navy. It was installed at its current location in the early 1990's. At that time, WSF estimated the float had a remaining service life of approximately 20 years. Replacement is necessary in order to maintain current passenger ferry operations of the King County Water Taxi and to lower increasing facility maintenance costs related to the float and adjacent infrastructure.

Budget Request Basis

As of April 2016, King County Marine Department of Transportation was notified that the Federal Transit Administration has awarded grant funds for the POF replacement float under the Passenger Ferry 2015-16 Grant Program. The grant award was based on a 2014 cost estimate of \$4,935,000 with the awarded grant covering 80% or \$3,948,000 of the costs. The project total has been revised to \$5,235,542 to reflect 2017-18 pricing.

Project Status

New

Alternatives Analysis

The alternatives considered were limited to the refurbishment or replacement of the existing asset. The refurbishment option was deemed to not be feasible as the current float, which is owned by WSF, has had no significant preservation performed on it while in its current location. The float is a 50 plus year old steel barge that has been subjected to the marine environment and salt water for an extended time period and has not been dry-docked to preserve the steel. Based on the age and condition of the current mooring float, it was determined that replacement was the best option.

Funding and Revenue Discussion

Other Agency Involvement

Federal Transit Administration: Providing 80% of the funding

Washington State Ferries: The project is co-located to the WSF terminal facility and will be closely coordinated with that agency

King County Procurement: Will conduct a competitive bid procurement process for the construction and installation of the new mooring float.

Art Eligibility

N/A

Equity and Social Justice Impact

The ability to explore the principles of equity and social justice (ESJ) and how they impact water taxi operations is limited by the routes we service. Based on research performed to date, the demographics of the locations we serve do not include large populations of low-income or minority households. The Marine Division intends to continue ongoing efforts to find ways to provide more equitable access to the Water Taxi with a goal of creating opportunities for all people in the communities we serve to have access to passenger-only ferry services.

Strategic Climate Action Plan Alignment

N/A

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	MD Float Replacement	1129116
Operating Budget Impacts		
Ongoing annual operating costs are unknown at this time.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

MD Float Expansion

1129117

Department	TRANSPORTATION
Council District(s)	8
Fund	3591 KC MARINE CONST
Class Code	STANDALONE
Substantial Completion	
Location	801 Alaskan Way, Seattle 98104: Pier 50 Downtown Seattle
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$1,029,762	\$0	\$1,029,762
4 Implementation	\$0	\$0	\$5,835,322	\$0	\$5,835,322
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$0	\$6,865,084	\$0	\$6,865,084

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31111 - REAL PRPTY TAXES CURRENT	\$0	\$1,373,016	\$0	\$1,373,016
33118 - FED TRANSIT CAP INVEST	\$0	\$5,492,068	\$0	\$5,492,068
Total Revenue	\$0	\$6,865,084	\$0	\$6,865,084

EXPENSE MD Float Expansion 1129117

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$0	\$0	\$0	\$0
2 Prelim Design	\$0		\$0	\$0	\$0	\$0
3 Final Design	\$0		\$0	\$1,029,762	\$0	\$1,029,762
4 Implementation	\$0		\$0	\$5,835,322	\$0	\$5,835,322
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$0		\$0	\$6,865,084	\$0	\$6,865,084

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0

NARRATIVES

MD Float Expansion

1129117

Current Scope

Float Expansion - King County will assume ownership of the Pier 50 Seattle POF Terminal upon completion at the end of 2018. This new shoreside terminal will accommodate the expected ridership growth of the King County Water Taxi.

The Float (dock) expansion project will expand the floats capacity which is critical to meeting the increased demand for of the water taxi services and instrumental in executing safe and efficient queueing to embark and disembark passengers.

Budget appropriation will be requested in the 2019-20 budget cycle.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

MD Float Expansion

1129117

Project Justification

Expansion of the mooring float will be critical as ridership growth continues and new routes are added. Planned future routes include reinstating POF service to Kitsap County communities of Bremerton and Kingston from the King County POF Terminal, and new service to the Southworth community. Expanded service will bring more riders and vessels to the King County POF Terminal and its infrastructure. The vessels serving these routes will require more area to safely dock at the facility and additional space too safely and efficiently queue, embark, and disembark passengers.

Vessel capacity of the existing float is limited. A float expansion and gangway replacement will be needed to safely serve additional vessel dockings, longer passenger queuing and increased circulation demands. Additional capacity is also needed to provide for safe operations with planned additional routes, where the movement of passengers becomes paramount to meeting schedules and providing service reliability.

This is a one-time expense that will be shared by Kitsap County should their planned routes be implemented. The project includes project management, permitting, design and construction. In addition, the project is consistent and supported in adopted local comprehensive plans including King County, Kitsap County, the City of Seattle, and the City of Bremerton.

This project will position King County to be a regional supporter of alternate transportation options which is in alignment with comprehensive transportation plans for King County, Kitsap County, City of Seattle and the City of Bremerton.

Unique geographic, socio-economic, land use characteristics, and associated traffic congestion in the Central Puget Sound region combine to create significant demand for POF service between Seattle and historically water-dependent communities. Fast, frequent, affordable and reliable POF service is uniquely positioned to meet the transportation needs for access to destinations and opportunities not currently served by transit, or not served in a time-effective manner.

The need for access to opportunity in our region, is quantified in the 2012 PSRC report "Equity, Opportunity, and Sustainability in the Central Puget Sound Region" funded by the Joint Federal Partnership for Sustainable Communities project. The report provides geographic analysis of opportunity factors such as jobs, poverty, education, housing, transportation, and health. A series of maps illustrate where opportunity rich and poor communities exist, providing information to help direct transit investments to critical "lifeline" services that connect individuals with employment, health, educational, and other important opportunities and services. The reports helps guide transportation investment decisions. The report illustrates that downtown Seattle has very high ratings in Economic Health, Transportation/Mobility Options, and Disadvantage Businesses opportunities, but that housing costs are very high. Downtown also has substantial Disabled Populations, individuals in Poverty and Public Assistance, HUD Voucher Holders, and HUD Developments where significant healthcare and human services are concentrated.

Compared with other areas where POF service exists or is proposed including Bremerton and Ballard, these same opportunity factors are different, in some cases nearly opposite. This analysis provides a richer understanding of the demand for transportation into downtown Seattle and supports, through equity and social justice framework, the need to provide transit POF connections from these areas into downtown.

Budget Request Basis

With the upcoming November 2016 vote in Kitsap County to reinstate Passenger Only Ferry service, there is a potential need to have the infrastructure in place to provide regional POF service. The costs were determined by an outside consulting firm in conjunction with applying for Federal funding in support of this project.

Project Status

New

Alternatives Analysis

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	MD Float Expansion	1129117
Funding and Revenue Discussion		
Other Agency Involvement		
Art Eligibility		
Exclusion from the 1% for the Arts program is requested as this project is similar in nature to roads, and an airport runway, as the Float is the passenger loading platform attached to the existing pier.		
Equity and Social Justice Impact		
Strategic Climate Action Plan Alignment		
Operating Budget Impacts		
Ongoing annual operating costs are unknown at this time.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

MD Grant Contingency

1129118

Department	TRANSPORTATION
Council District(s)	8
Fund	3591 KC MARINE CONST
Class Code	ADMIN
Substantial Completion	
Location	801 Alaskan Way, Seattle 98104: Seattle, Vashon, West Seattle Terminals, Maintenance Barge Facility, and Vessels.
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$5,000,000	\$0	\$0	\$5,000,000
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$5,000,000	\$0	\$0	\$5,000,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39113 - GENERAL OBLIGATION BONDS	\$5,000,000	\$0	\$0	\$5,000,000
Total Revenue	\$5,000,000	\$0	\$0	\$5,000,000

EXPENSE

MD Grant Contingency

1129118

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$0	\$0	\$0	\$0
2 Prelim Design	\$0		\$0	\$0	\$0	\$0
3 Final Design	\$0		\$0	\$0	\$0	\$0
4 Implementation	\$0		\$0	\$0	\$0	\$0
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$0		\$0	\$0	\$0	\$0

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$5,000,000	\$0	\$5,000,000
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$5,000,000	\$0	\$5,000,000

NARRATIVES

MD Grant Contingency

1129118

Current Scope

Grant Contingency - As allowed by Title 4A of the King County Code, this project has been established to provide capital appropriation in anticipation of a new or existing Marine capital project that has received funds from a grant donor or other external funding source or from a combination of external funds and county matching funds. (Ord. 17929 § 59, 2014)

Project Justification

4A.100.090 Grant contingency projects. A grant contingency project may be included in a capital improvement fund appropriation in anticipation of projects to be supported by grant revenues or other external funding sources. A grant contingency project shall not be approved without documentation, such as grant applications or records of previous grant awards, to support the anticipated project appropriation. Appropriations for grant contingency projects shall be expended or encumbered only in the amount of revenues awarded from external funding sources or a combination of external funds received and county matching revenues. (Ord. 17929 § 22, 2014).

Budget Request Basis

This project is requesting 2017-18 Capital appropriation in anticipated receipt of external funding for new or existing projects. Currently, the Marine Division is managing over \$18 million in grant awards with over \$10 million in out-year project cost in which grants will be sought. The budget requested will provide sufficient contingency to allow the agency to apply for and receive grants between budget cycles.

Project Status

N/A

Alternatives Analysis

N/A

Funding and Revenue Discussion

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	MD Grant Contingency	1129118
Other Agency Involvement		
This is an administrative project and other agency involvement will be determined at use.		
Art Eligibility		
This is an administrative project. Art eligibility will be determined at use.		
Equity and Social Justice Impact		
N/A		
Strategic Climate Action Plan Alignment		
This is an administrative project. Green Building Reporting will be determined at use.		
Operating Budget Impacts		
There is no impact to the operating budget at this time. However, future projects that are established based upon the receipt of external funding may have operational budget impact and will need to be evaluated at the time of project acceptance.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status: Approved

MD Emergent Need Contingency

1129119

Department	TRANSPORTATION
Council District(s)	8
Fund	3591 KC MARINE CONST
Class Code	ADMIN
Substantial Completion	
Location	801 Alaskan Way, Seattle 98104: Seattle, Vashon, West Seattle Terminals, Maintenance Barge Facility, and Vessels.
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$1,250,000	\$0	\$0	\$1,250,000
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$1,250,000	\$0	\$0	\$1,250,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31111 - REAL PRPTY TAXES CURRENT	\$1,197,587	\$0	\$0	\$1,197,587
39113 - GENERAL OBLIGATION BONDS	\$52,413	\$0	\$0	\$52,413
Total Revenue	\$1,250,000	\$0	\$0	\$1,250,000

EXPENSE MD Emergent Need Contingency 1129119

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$0	\$0	\$0	\$0
2 Prelim Design	\$0		\$0	\$0	\$0	\$0
3 Final Design	\$0		\$0	\$0	\$0	\$0
4 Implementation	\$0		\$250,000	\$250,000	\$250,000	\$750,000
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$0		\$250,000	\$250,000	\$250,000	\$750,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$1,250,000	\$250,000	\$1,000,000
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$1,250,000	\$250,000	\$1,000,000

NARRATIVES

MD Emergent Need Contingency

1129119

Current Scope

Emergent Need Contingency - As allowed by Title 4A of the King County Code, this project has been established to provide capital appropriation for an existing project that is included in the Marine capital fund's six year capital improvement program for costs that were not anticipated at the time of budget adoption. (Ord. 17929 § 21, 2014)

Project Justification

4A.100.080 Emergent need contingency projects. An emergent need contingency project may be included in any capital improvement fund under K.C.C. 4A.100.030, for projects that are included in the proposed capital fund's six year capital improvement program. The purpose of the emergent need contingency project is to address costs not anticipated at the time of budget adoption.

Budget Request Basis

As defined by county code, this project is requesting < 5% of the total proposed capital fund amount for the fiscal period to address costs not anticipated at the time of budget adoption for existing projects.

Project Status

N/A

Alternatives Analysis

N/A

Funding and Revenue Discussion

Other Agency Involvement

Other agency involvement will be determined at use.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	MD Emergent Need Contingency	1129119
Art Eligibility		
This is an administrative project. Art eligibility will be determined at use.		
Equity and Social Justice Impact		
N/A		
Strategic Climate Action Plan Alignment		
This is an administrative project. Green Building Reporting will be determined at use.		
Operating Budget Impacts		
There is no impact to the operating budget.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

MD Spirit Engine Replacement

1129120

Department	TRANSPORTATION
Council District(s)	8
Fund	3591 KC MARINE CONST
Class Code	STANDALONE
Substantial Completion	
Location	201 Alaskan Way, Seattle 98104: Maintenance Facility at Pier 48, downtown Seattle
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$626,150	\$0	\$0	\$626,150
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$626,150	\$0	\$0	\$626,150

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31111 - REAL PRPTY TAXES CURRENT	\$107,516	\$0	\$0	\$107,516
33118 - FED TRANSIT CAP INVEST	\$518,634	\$0	\$0	\$518,634
Total Revenue	\$626,150	\$0	\$0	\$626,150

EXPENSE MD Spirit Engine Replacement 1129120

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$0	\$0	\$0	\$0
2 Prelim Design	\$0		\$0	\$0	\$0	\$0
3 Final Design	\$0		\$0	\$0	\$0	\$0
4 Implementation	\$0		\$626,150	\$0	\$0	\$626,150
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$0		\$626,150	\$0	\$0	\$626,150

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$626,150	\$626,150	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$626,150	\$626,150	\$0

NARRATIVES

MD Spirit Engine Replacement

1129120

Current Scope

Spirit Engine Replacement - This project replaces four (4) main propulsion engines on the King County POF vessel, Spirit of Kingston. The current Spirit of Kingston engines are EPA Tier 2 and this project replaces existing engines with new EPA Tier 3 engines, each developing 800 HP while maintaining fuel efficiency, power requirements, and providing substantial reductions to air pollutants including diesel particulate matter (PM), hydrocarbons (HC) and nitrogen oxides (NOx).

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

MD Spirit Engine Replacement

1129120

Project Justification

The primary goal and objective of the engine repower project is to focus on maintaining the assets of a critical transportation option that provides service to an annual ridership of over 515,200 to the downtown Seattle central business district (CBD). The Marine Division's mission is to provide transportation in a manner that embodies environmental stewardship. One of the strategies employed is to increase combustion efficiencies and reduce corresponding exhaust emissions. The vessel engine repower of the Spirit of Kingston will provide substantial reductions to air pollutants including diesel particulate matter (PM) by 45%, hydrocarbons (HC) and nitrogen oxides (NOx) by 22%.

This project is identified in the following local comprehensive plans:

King County Comprehensive Plan (2013 update)

Marine Transportation Policy T-214: King County should support, encourage and be an active partner in local and regional passenger-only ferry transportation solutions that support mobility, accessibility, growth management, and help reduce road congestion. Pg. 7-15

Climate Change, Air Quality, and the Environment T-320: Transportation improvements should be designed, built, and operated to minimize air, water and noise pollution, greenhouse gas emissions, and the disruption of natural surface water drainage in compliance with provisions and requirements of applicable federal, state and local environmental regulations. Natural and historic resource protection should also be considered. Particular care should be taken to minimize impacts where the location of such facilities could increase the pressure for development in critical areas or rural or resource lands. Pg. 7-31

King County Strategic Climate Action Plan (2015)

Goal Area 1: Transportation and Land Use - Priority Actions by 2020: Use alternative fuels in the County's new ferry vessels beginning 2015. DOT will implement the use of B-10 and/or B-20 in all vessels in the fleet. The Marine Division worked with its fuel supplier to implement the necessary blending equipment at its Harbor Island marine fuel pier. The use of a biodiesel blend reduces GHG and sulfur dioxide emissions and diesel particulate pollution. This initiative, along with the new EPA Tier 3 marine diesel engines, allows the County's vessel to meet the strictest EPA emission standards.

Transportation 2040

The Spirit of Kingston Certified Marine Engine Repower Project is consistent with the Region's Transportation 2040 plan which addresses the need for air quality and climate change while preserving the region's existing transportation assets:

- MPP-En-18 Reduce levels for air toxics, fine particulates, and greenhouse gases.
- MPP-En-19 Continue efforts to reduce pollutants from transportation activities, including through the use of cleaner fuels and vehicles and increasing alternatives to driving alone, as well as design and land use. Appendix C, Multi County Planning Policies pg. 3

The project will provide meaningful benefits to commuters, residents, commercial users, minority and low income populations identified in the President's Order of Environmental Justice, seniors, people with disabilities, and those located in Highly Impacted Communities. Analysis from the Equity, Opportunity, and Sustainability in the Central Puget Sound Region report provides an understanding and nature of the high demand for transportation into downtown Seattle for employment, education, and social and health services through an equity and social justice framework, and supports this project which maintains passenger only ferry service into downtown.

These user groups would also benefit from air quality improvement of this investment. According to Puget Sound Regional Center (PSRC) and the Puget Sound Clean Air Agency, a significant portion of downtown Seattle and First Hill/Capitol Hill Growth Centers, and nearly the entire Duwamish Industrial Manufacturing/Industrial Center are within Highly Impacted Community Areas of degraded air quality.

Budget Request Basis

Budget is being requested at this time as the Marine Division has currently been awarded the King Countywide FHWA Competition (CMAQ) to fund a portion of the project. Additional Federal funding will be allocated to the project bringing the total Federal funding to 80% of the cost with a 20% local match. The award criteria is contingent upon a project completion date of no later than December 31, 2018.

Project Status

New

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

MD Spirit Engine Replacement

1129120

Alternatives Analysis

While several options were considered, such as catalytic converters, diesel particulate filters, and diesel oxidation catalysts, our research showed that the engine room compartments were insufficient in size to accommodate these systems. Further discussions and analysis proved that replacement of main engine from Tier 2 to Tier 3 and utilizing a Bio-diesel blend (B10/B20) would be the best alternative to meet our diesel particulate reduction goals.

The replacement engines utilize unit injectors with common rail fuel injection system. This system along with electronic control allows for precise fuel to air mixtures increasing combustion efficiencies and reducing corresponding exhaust emissions. The use of a B-10 Biodiesel blend is calculated to reduce the particulate matter by 50 lbs. per year and a reduction in carbon monoxide by 550 lbs. per year.

KCMD has extensive experience and expertise in acquiring, maintaining and replacing marine vessel systems and technology. KCMD uses a life cycle methodology for scheduling and conducting maintenance, repair and replacement of its vessel assets. The model used considers industry standards, local experience and extensive agency history to determine typical asset life. The estimated engine life for the existing engines on the Spirit of Kingston is 30K hours, and while the existing engines have not reached their end of life usage, they are scheduled for their in-frame overhaul (10K hours) which would be less expensive than the proposed engine replacement. However, that would not achieve EPA Tier 3 emission reduction targets as proposed in this project.

A detailed analysis was conducted to determine cost benefit and emission reductions related to rebuild vs. replacement and benefits of Tier 2 vs. Tier 3 engine replacement.

Funding and Revenue Discussion

The Marine Division, along with the KC DOT Grant Administration team is currently seeking Federal Funding to share in the cost of the project. Federal funding for this project is anticipated at 80% with a 20% local match, utilizing tax levy funds.

Other Agency Involvement

Working with the King County procurement office, the Marine Division will follow King County adopted procurement procedures to either directly solicit for the target replacement engines ensuring the best possible competitive bid price or, alternatively, would draft a scope of work for the labor and materials and submit that to a pre-qualified list of shipyards in the local area for competitive bids to accomplish the engine replacement. KCMD will also work with the KCDOT Grants Office to complete all required reporting, documentation and compliance with billing and audit requirements.

Art Eligibility

This project is excluded from providing art as it is not visible to the public and is a maintenance project.

Equity and Social Justice Impact

N/A

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

MD Spirit Engine Replacement

1129120

Strategic Climate Action Plan Alignment

King County's Strategic Climate Action Plan calls for reducing greenhouse gas emissions and preparing for the impacts of climate change. This project directly meets these countywide goals of minimizing the environmental footprint of its operations. By encouraging the use of sustainable transportation choices such as the Water Taxi, the need for driving single occupant vehicles can be reduced. Furthermore, this project will increase the overall efficiency of its marine vessels and lower long-term greenhouse gas emissions.

This project specifically addresses Goal Area 1: Transportation and Land Use, Measure 1: Energy use by County vehicles, Target 3: Across all vehicle operations, King County will increase the usage percentage of alternative fuels in its fleets by ten percent by 2025, compared to a 2014 baseline. Alternative fuels include electricity, biofuels, compressed natural gas, liquefied natural gas, hybrid, plug-in hybrid, battery drive, or propane.

The Marine Division now tracks greenhouse gas emissions and quantifies the impacts associated with burning B10 biodiesel. The new EPA Tier 3 engines associated with this project will further the emission reductions strategies and will be quantified along with established methodology.

This is a vessel maintenance project and not applicable to the Green Building reporting.

Operating Budget Impacts

This project has no impact on the operating budget.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

MD W Sea Terminal Relocation

1129121

Department	TRANSPORTATION
Council District(s)	8
Fund	3591 KC MARINE CONST
Class Code	STANDALONE
Substantial Completion	
Location	1660 Harbor Avenue SW, Seattle 98126: The new location is yet to be determined, however, the existing terminal location is at Seacrest Park.
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$225,000	\$0	\$225,000
4 Implementation	\$0	\$0	\$275,000	\$1,000,000	\$1,275,000
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$0	\$500,000	\$1,000,000	\$1,500,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31111 - REAL PRPTY TAXES CURRENT	\$0	\$100,000	\$200,000	\$300,000
33118 - FED TRANSIT CAP INVEST	\$0	\$400,000	\$800,000	\$1,200,000
Total Revenue	\$0	\$500,000	\$1,000,000	\$1,500,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		MD W Sea Terminal Relocation				1129121
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$0	\$0	\$0	\$0
2 Prelim Design	\$0		\$0	\$0	\$0	\$0
3 Final Design	\$0		\$0	\$225,000	\$0	\$225,000
4 Implementation	\$0		\$0	\$275,000	\$1,000,000	\$1,275,000
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$0		\$0	\$500,000	\$1,000,000	\$1,500,000

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0

NARRATIVES MD W Sea Terminal Relocation 1129121

Current Scope

West Seattle Terminal Relocation - The existing West Seattle Terminal location at Seacrest Dock is a short term location and leased from the City of Seattle. This project is has been established to plan, design and construct a new West Seattle POF Terminal, during the 2019-20 budget cycle.

Project Justification

The existing West Seattle Terminal location at Seacrest Dock is a short term location and leased from the City of Seattle. This project has been established to plan, design and construct a new West Seattle Passenger-Only Terminal, beginning in 2019.

Utilizing the West Seattle Terminal Siting study that was developed in March 2013, by KPFF Consulting Engineers, and analysis from the current and future operational needs, the project scope and justification will be further developed with the request for appropriation in the 2019-20 budget.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	MD W Sea Terminal Relocation	1129121
Budget Request Basis		
Budget will be requested in the 2019-20 budget cycle.		
Project Status		
New		
Alternatives Analysis		
A thorough alternatives analysis in conjunction with the March 2013, West Seattle Terminal Siting Study will be developed prior to project implementation.		
Funding and Revenue Discussion		
Grant funding to support this project will be sought in the future.		
Other Agency Involvement		
Art Eligibility		
The contribution to the 1% for the Arts program will be determined prior to project implementation.		
Equity and Social Justice Impact		
Strategic Climate Action Plan Alignment		
Operating Budget Impacts		
There is no impact to the current operating budget. Future budget impact will be identified prior to project implementation.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

MD Maint Facility Relocation

1129122

Department	TRANSPORTATION
Council District(s)	8
Fund	3591 KC MARINE CONST
Class Code	STANDALONE
Substantial Completion	
Location	201 Alaskan Way, Seattle 98104: The new location is yet to be determined, however, the existing maintenance facility is located at Pier 48 in downtown Seattle.
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$150,000	\$0	\$150,000
4 Implementation	\$0	\$0	\$850,000	\$0	\$850,000
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$0	\$1,000,000	\$0	\$1,000,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
31111 - REAL PRPTY TAXES CURRENT	\$0	\$200,000	\$0	\$200,000
33118 - FED TRANSIT CAP INVEST	\$0	\$800,000	\$0	\$800,000
Total Revenue	\$0	\$1,000,000	\$0	\$1,000,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		MD Maint Facility Relocation				1129122
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$0	\$0	\$0	\$0
2 Prelim Design	\$0		\$0	\$0	\$0	\$0
3 Final Design	\$0		\$0	\$150,000	\$0	\$150,000
4 Implementation	\$0		\$0	\$850,000	\$0	\$850,000
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$0		\$0	\$1,000,000	\$0	\$1,000,000

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0

NARRATIVES	MD Maint Facility Relocation	1129122
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Current Scope

Maintenance Facility Relocation - Future appropriation will be requested to relocate the POF Moorage and Maintenance Facility. The current location at Pier 48 is through a lease with the Washington State Department of Transportation with an anticipated need to vacate the existing space during the 2019-20 Biennium.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

MD Maint Facility Relocation

1129122

Project Justification

This project has been established to facilitate moving the Maintenance Facility to a new location. The project scope and justification will be further developed with the request for appropriation in the 2019-20 budget.

The relocation of the Maintenance Facility is needed due to the expiration of the Pier 48 lease with Washington State Department of Transportation (WSDOT). Current discussions with WSDOT and the City of Seattle indicate that there are future plans to develop Pier 48 for a different community purpose and the Moorage and Maintenance Facility will need to find another location as early as 2019.

The Passenger-Only Ferry Moorage and Maintenance Facility is a critical component to ensure that passenger only vessels are maintained properly and can operate safely and meet the published service schedule. Failure to maintain the vessels would have a detrimental impact to the continuation of the Passenger-Only Ferry service.

Budget Request Basis

Budget will be requested in the 2019-20 budget cycle.

Project Status

New

Alternatives Analysis

An alternatives analysis for the Maintenance Facility Relocation will be developed prior to project implementation.

Funding and Revenue Discussion

Grant funding will for this project will be sought in the future.

Other Agency Involvement

Art Eligibility

Requesting that the Maintenance Facility Relocation project be excluded from the 1% for the Arts program as the cost are for moving equipment and piles to secure the existing structure in a new location.

Equity and Social Justice Impact

Strategic Climate Action Plan Alignment

Operating Budget Impacts

There is no impact to the current operating budget. Future budget impact will be identified prior to project implementation.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WTC STRUCTURE SITE IMPROVEMENT

1037498

Master Project

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3611 WATER QUALITY CONST-UNRES
Class Code	WTC STRUCTURE SITE IMPROVEMENT
Substantial Completion	
Location	Projects are located throughout the Wastewater Treatment Division's facilities.
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/01/01 - 12/31/22	\$1,438,333	\$0	\$238,742	\$389,434	\$2,066,509
2 Preliminary Design 01/01/01 - 12/31/22	\$3,366,494	\$0	\$358,113	\$584,151	\$4,308,758
3 Final Design 01/01/01 - 12/31/22	\$5,565,175	\$0	\$716,226	\$1,168,303	\$7,449,704
4 Implementation 01/01/01 - 12/31/22	\$16,193,529	\$0	\$1,276,392	\$1,273,960	\$18,743,881
5 Closeout 01/01/01 - 12/31/22	\$1,721,326	\$0	\$358,113	\$584,151	\$2,663,590
6 Acquisition	\$470	\$0	\$0	\$0	\$470
Total Budget	\$28,285,328	\$0	\$2,947,586	\$3,999,999	\$35,232,913

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

EXPENSE

WTC STRUCTURE SITE IMPROVEMENT

1037498

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$1,031,879	\$134,249	\$315,944	\$528,540	\$389,434	\$2,400,046
2 Prelim Design	\$1,318,611	\$461,836	\$479,754	\$792,811	\$584,151	\$3,637,163
3 Final Design	\$3,045,364	\$821,244	\$1,216,183	\$1,585,621	\$1,168,303	\$7,836,715
4 Implementation	\$11,085,622	\$1,348,660	\$3,639,005	\$1,787,818	\$1,273,960	\$19,135,065
5 Closeout	\$54,288	\$234,011	\$537,114	\$795,210	\$584,151	\$2,204,774
6 Acquisition	\$19,150	\$0	\$0	\$0	\$0	\$19,150
Total Expense	\$16,554,914	\$3,000,000	\$6,188,000	\$5,490,000	\$3,999,999	\$35,232,913

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$1,031,879	\$1,438,333	\$1,166,128
2 Preliminary Design	\$0	\$0	\$1,318,611	\$3,366,494	\$1,780,447
3 Final Design	\$0	\$0	\$3,045,364	\$5,565,175	\$3,866,608
4 Implementation	\$0	\$0	\$11,085,622	\$16,193,529	\$12,434,282
5 Closeout	\$0	\$0	\$54,288	\$1,721,326	\$288,299
6 Acquisition	\$0	\$0	\$19,150	\$470	\$19,150
Total	\$0	\$0	\$16,554,914	\$28,285,327	\$19,554,914

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$272,205	\$0	\$315,944	(\$43,739)
2 Preliminary Design	\$1,586,048	\$0	\$479,754	\$1,106,294
3 Final Design	\$1,698,567	\$0	\$1,216,183	\$482,384
4 Implementation	\$3,759,247	\$0	\$3,639,005	\$120,242
5 Closeout	\$1,433,027	\$0	\$537,114	\$895,913
6 Acquisition	(\$18,680)	\$0	\$0	(\$18,680)
Total	\$8,730,414	\$0	\$6,188,000	\$2,542,414

NARRATIVES

WTC STRUCTURE SITE IMPROVEMENT

1037498

Current Scope

Structure Site Improvement - These asset management projects are aimed at making modifications, improvements, or upgrades to the structures, buildings, and property owned by the Wastewater Treatment Division. For example, replacing cranes, ladders, water lines; repairing structural damage from earthquakes; and improving the drainage on site. Other improvements may be made to bring the structures up to current code, increase safety, or minimize vandalism. These projects are generally less than \$1,000,000 total project cost.

Project Justification

Refurbish, modify, upgrade or replace miscellaneous structures and/or facilities.

Budget Request Basis

The appropriation request is based on analysis of project schedule, spending, contingency, budget carryover amount and the timing of property acquisition and implementation contracting.

Project Status

Subprojects are in various phases of planning, design, implementation or closeout.

Alternatives Analysis

See individual subprojects for specific information.

Funding and Revenue Discussion

Other Agency Involvement

See individual subprojects for specific information.

Art Eligibility

No. Project is for equipment replacement and refurbishment.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	WTC STRUCTURE SITE IMPROVEMENT	1037498
Equity and Social Justice Impact		
Subprojects will use WTD ESJ evaluation processes as part of project delivery. We are implementing an ESJ Assessment protocol for all projects and developed an associated Assessment table and survey that fully implements ESJ practices into capital projects. Additional information is outlined in the 2017-2018 Wastewater Treatment Division Business Plan and ESJ work plan.		
Strategic Climate Action Plan Alignment		
Subprojects will strive for the Platinum level on their Sustainability Scorecards by considering energy efficiency, water conservation, use of sustainable materials, environmental health, community quality of life, equity and social justice. Subprojects will also maximize construction and demolition waste diversion from landfills by striving for an 80% - 85% diversion rate. These actions contribute to SCAP Green Building Goal Area targets and strategies. Applicable subprojects prepare Green Building Ordinance Scorecards and Annual Reports.		
Operating Budget Impacts		
See individual subprojects for specific information.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WTC BIOSOLIDS TRANSP

1037513

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3611 WATER QUALITY CONST-UNRES
Class Code	STANDALONE
Substantial Completion	
Location	South and West Point Treatment Plants
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$114,466	\$0	\$0	\$0	\$114,466
2 Preliminary Design	\$86,132	\$0	\$0	\$0	\$86,132
3 Final Design	\$148,285	\$0	\$0	\$0	\$148,285
4 Implementation 01/01/08 - 12/31/22	\$7,821,639	\$0	\$0	\$2,127,196	\$9,948,835
5 Closeout	\$91,336	\$0	\$0	\$31,263	\$122,599
6 Acquisition	\$1	\$0	\$0	\$0	\$1
Total Budget	\$8,261,859	\$0	\$0	\$2,158,459	\$10,420,318

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

EXPENSE WTC BIOSOLIDS TRANSP 1037513

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$161,359	\$0	\$0	\$0	\$0	\$161,359
2 Prelim Design	\$154,769	\$0	\$0	\$0	\$0	\$154,769
3 Final Design	\$148,285	\$258,325	\$161,195	\$0	\$0	\$567,805
4 Implementation	\$4,027,619	\$395,424	\$593,992	\$2,050,461	\$2,358,353	\$9,425,849
5 Closeout	\$1,327	\$67,633	\$0	\$0	\$31,263	\$100,223
6 Acquisition	\$10,311	\$0	\$0	\$0	\$0	\$10,311
Total Expense	\$4,503,670	\$721,382	\$755,187	\$2,050,461	\$2,389,616	\$10,420,316

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$161,359	\$114,466	\$161,359
2 Preliminary Design	\$0	\$0	\$154,769	\$86,132	\$154,769
3 Final Design	\$0	\$0	\$148,285	\$148,285	\$406,610
4 Implementation	\$0	\$0	\$4,027,619	\$7,821,639	\$4,423,043
5 Closeout	\$0	\$0	\$1,327	\$91,336	\$68,960
6 Acquisition	\$0	\$0	\$10,311	\$1	\$10,311
Total	\$0	\$0	\$4,503,670	\$8,261,859	\$5,225,052

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$46,893)	\$0	\$0	(\$46,893)
2 Preliminary Design	(\$68,637)	\$0	\$0	(\$68,637)
3 Final Design	(\$258,325)	\$0	\$161,195	(\$419,520)
4 Implementation	\$3,398,596	\$0	\$593,992	\$2,804,604
5 Closeout	\$22,376	\$0	\$0	\$22,376
6 Acquisition	(\$10,310)	\$0	\$0	(\$10,310)
Total	\$3,036,807	\$0	\$755,187	\$2,281,620

NARRATIVES

WTC BIOSOLIDS TRANSP

1037513

Current Scope

Biosolids Transportation - This project provides major repairs and additions to the biosolids truck fleet; completion of a truck wash facility at South Treatment Plant (the drive-through wash structure will keep the undercarriage of the trucks clean and free from liquid salt and grime that are deteriorating portions of the lighting and braking systems); purchase of trailers for hauling grit, as well as replacing the aging and inadequate trailers currently in use; supplementing fleet management funds for replacing biosolids truck fleet in 2010; and maintenance as required to the shop/staging area at the King County Airport.

Project Justification

King County purchased a 27-truck fleet in 1999-2000 for biosolids hauling and this fleet must be maintained and available for daily use. This project will provide funding for major repairs whenever needed to keep the fleet safe and operational. The project also includes associated vehicles and facilities that are needed to support hauling.

Budget Request Basis

The appropriation request is based on analysis of project spending and budget carryover amount.

Project Status

Continuing equipment replacement.

Alternatives Analysis

N/A.

Funding and Revenue Discussion

Other Agency Involvement

King County Fleet

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	WTC BIOSOLIDS TRANSP	1037513
Art Eligibility		
No. Project is for equipment replacement.		
Equity and Social Justice Impact		
Choices of truck technology and driving techniques have impacts on the communities trucks pass through. Trucks can impact communities through noise, speed, emissions, and traffic. In implementing this project, we will consider any impacts of truck technologies on surrounding communities.		
Strategic Climate Action Plan Alignment		
Section 1, Goal Area 1 (Transportation and Land Use) of the SCAP identifies this target: “in its vehicle operations, King County will reduce normalized net energy use by at least 10 percent by 2020, compared to a 2014 baseline.” (SCAP pg. 46) This capital project was recommended through the WTD Line of Business process as a means to achieve the SCAP target for fuel use reduction.		
Operating Budget Impacts		
None.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WTC CAPITAL PROJECT OVERSIGHT

1037549

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3611 WATER QUALITY CONST-UNRES
Class Code	STANDALONE
Substantial Completion	
Location	King Street Building
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$142,567	\$0	\$0	\$0	\$142,567
2 Preliminary Design	\$1	\$0	\$0	\$0	\$1
3 Final Design	\$340	\$200,000	\$0	\$0	\$200,340
4 Implementation 06/16/09 - 12/31/22	\$1,264,989	\$554,721	\$21,267	\$0	\$1,840,977
5 Closeout	\$31,716	\$0	\$7,089	\$0	\$38,805
6 Acquisition	\$1	\$0	\$0	\$0	\$1
Total Budget	\$1,439,614	\$754,721	\$28,356	\$0	\$2,222,691

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39199 - DEBT PROCEEDS TRANSFER	\$754,721	\$28,356	\$0	\$783,077
Total Revenue	\$754,721	\$28,356	\$0	\$783,077

EXPENSE

WTC CAPITAL PROJECT OVERSIGHT

1037549

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$247,708	\$0	\$0	\$0	\$0	\$247,708
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$340	\$9,370	\$200,000	\$0	\$0	\$209,710
4 Implementation	\$666,325	\$481,592	\$554,721	\$21,267	\$0	\$1,723,905
5 Closeout	\$0	\$33,416	\$0	\$7,089	\$0	\$40,505
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$914,373	\$524,378	\$754,721	\$28,356	\$0	\$2,221,828

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$247,708	\$142,567	\$247,708
2 Preliminary Design	\$0	\$0	\$0	\$1	\$0
3 Final Design	\$0	\$0	\$340	\$340	\$9,710
4 Implementation	\$0	\$0	\$666,325	\$1,264,989	\$1,147,917
5 Closeout	\$0	\$0	\$0	\$31,716	\$33,416
6 Acquisition	\$0	\$0	\$0	\$1	\$0
Total	\$0	\$0	\$914,373	\$1,439,614	\$1,438,751

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$105,141)	\$0	\$0	(\$105,141)
2 Preliminary Design	\$1	\$0	\$0	\$1
3 Final Design	(\$9,370)	\$200,000	\$200,000	(\$9,370)
4 Implementation	\$117,072	\$554,721	\$554,721	\$117,072
5 Closeout	(\$1,700)	\$0	\$0	(\$1,700)
6 Acquisition	\$1	\$0	\$0	\$1
Total	\$863	\$754,721	\$754,721	\$863

NARRATIVES

WTC CAPITAL PROJECT OVERSIGHT

1037549

Current Scope

Capital Project Oversight - This project funds project oversight activities for the Wastewater Treatment Division Capital Improvement Program by the County Council Auditors Office. The project also supports the Nov 13, 2014 Proviso 17941 for WTD to improve its planning and conceptual estimating processes, including communicating costs to upper management, a trend analysis program, and basis of estimate assumptions.

Project Justification

Council mandate via approved ordinance 16312, section 127 dated 06-16-09.

Budget Request Basis

Based on the County Council Auditors office body of work and recommendations

Project Status

This project continues County Council Auditor support to the WTD Capital Improvement Program and development of County Council Auditor recommended process improvements.

Alternatives Analysis

Supports County Council Auditor activities and recommendations on WTD CIP.

Funding and Revenue Discussion

Other Agency Involvement

County Council Auditor.

Art Eligibility

No. Funds capital project oversight.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	WTC CAPITAL PROJECT OVERSIGHT	1037549
Equity and Social Justice Impact		
Not applicable to project.		
Strategic Climate Action Plan Alignment		
N/A. Project is for funding Council Auditor activities.		
Operating Budget Impacts		
None.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WTC WATER QUALITY CAP OUTLAY

1037765

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3611 WATER QUALITY CONST-UNRES
Class Code	STANDALONE
Substantial Completion	
Location	Countywide
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$306,187	\$0	\$0	\$0	\$306,187
2 Preliminary Design	\$6,956	\$0	\$0	\$0	\$6,956
3 Final Design	\$54,825	\$0	\$0	\$0	\$54,825
4 Implementation 01/01/01 - 12/31/22	\$13,304,653	\$663,032	\$803,328	\$717,332	\$15,488,345
5 Closeout	\$60,891	\$0	\$0	\$0	\$60,891
6 Acquisition	\$1	\$0	\$0	\$0	\$1
Total Budget	\$13,733,513	\$663,032	\$803,328	\$717,332	\$15,917,205

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39199 - DEBT PROCEEDS TRANSFER	\$663,029	\$0	\$0	\$663,029
Total Revenue	\$663,029	\$0	\$0	\$663,029

EXPENSE WTC WATER QUALITY CAP OUTLAY 1037765

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$385,062	\$0	\$0	\$0	\$0	\$385,062
2 Prelim Design	\$6,956	\$0	\$0	\$0	\$0	\$6,956
3 Final Design	\$54,774	\$0	\$0	\$0	\$0	\$54,774
4 Implementation	\$11,893,655	\$746,654	\$863,032	\$915,591	\$971,351	\$15,390,283
5 Closeout	\$80,129	\$0	\$0	\$0	\$0	\$80,129
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$12,420,575	\$746,654	\$863,032	\$915,591	\$971,351	\$15,917,203

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$385,062	\$306,187	\$385,062
2 Preliminary Design	\$0	\$0	\$6,956	\$6,956	\$6,956
3 Final Design	\$0	\$0	\$54,774	\$54,825	\$54,774
4 Implementation	\$0	\$0	\$11,893,655	\$13,304,653	\$12,640,309
5 Closeout	\$0	\$0	\$80,129	\$60,891	\$80,129
6 Acquisition	\$0	\$0	\$0	\$1	\$0
Total	\$0	\$0	\$12,420,576	\$13,733,513	\$13,167,230

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$78,875)	\$0	\$0	(\$78,875)
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$51	\$0	\$0	\$51
4 Implementation	\$664,344	\$663,032	\$863,032	\$464,344
5 Closeout	(\$19,238)	\$0	\$0	(\$19,238)
6 Acquisition	\$1	\$0	\$0	\$1
Total	\$566,283	\$663,032	\$863,032	\$366,283

NARRATIVES

WTC WATER QUALITY CAP OUTLAY

1037765

Current Scope

Water Quality Capital Outlay - This project covers the small capital outlay portion of the Capital Asset Management Plan, which largely includes purchases of information technology equipment. The Wastewater Treatment Division follows general criteria in determining the replacement of these assets, including: the maintenance history of the equipment; the manufacturers' recommended useful life; quantifiable benefits; intangible cost/benefits; and the future impact of the decision to replace equipment in order to reduce maintenance costs. These are all factors which are considered in the equipment replacement plans.

Project Justification

Computers and other equipment require periodic replacement due to obsolescence, major failure and useable life.

Budget Request Basis

Annual budgets are based on planned capital outlays and replacement cost estimates.

Project Status

Continue asset replacement.

Alternatives Analysis

Equipment purchaser evaluates each purchase according to established County policies to insure proper policies and procedures are followed.

Funding and Revenue Discussion

Other Agency Involvement

None.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	WTC WATER QUALITY CAP OUTLAY	1037765
Art Eligibility		
No. Equipment purchase and replacements are not art eligible.		
Equity and Social Justice Impact		
Not applicable to project.		
Strategic Climate Action Plan Alignment		
If purchase has SCAP impacts, WTD staff with SCAP knowledge are consulted so asset purchase is consistent with current policies. If purchase has Green Bldg impacts, WTD staff with GB knowledge are consulted so asset purchase is consistent with current policies.		
Operating Budget Impacts		
If applicable, the operating budget is updated to reflect impact of equipment purchases. In most cases, there are no significant impacts to replacing existing equipment.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WTC BIOSOLIDS SITE DEVELOPMENT

1037767

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3611 WATER QUALITY CONST-UNRES
Class Code	STANDALONE
Substantial Completion	12/31/2017
Location	Countywide
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$74,241	\$0	\$0	\$0	\$74,241
2 Preliminary Design	\$2,304	\$0	\$0	\$0	\$2,304
3 Final Design	\$50,526	\$0	\$0	\$400,066	\$450,592
4 Implementation 01/01/02 - 01/31/22	\$8,199,163	\$617,160	\$606,858	\$746,556	\$10,169,737
5 Closeout	\$15,615	\$0	\$0	\$30,125	\$45,740
6 Acquisition	\$238	\$0	\$0	\$0	\$238
Total Budget	\$8,342,087	\$617,160	\$606,858	\$1,176,747	\$10,742,852

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39199 - DEBT PROCEEDS TRANSFER	\$617,160	\$0	\$0	\$617,160
Total Revenue	\$617,160	\$0	\$0	\$617,160

EXPENSE WTC BIOSOLIDS SITE DEVELOPMENT 1037767

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$76,631	\$0	\$0	\$0	\$0	\$76,631
2 Prelim Design	\$34,396	\$0	\$0	\$0	\$0	\$34,396
3 Final Design	\$50,526	\$161,000	\$339,848	\$371,636	\$400,066	\$1,323,076
4 Implementation	\$6,925,736	\$278,984	\$617,160	\$709,944	\$746,556	\$9,278,380
5 Closeout	\$6	\$0	\$0	\$0	\$30,125	\$30,131
6 Acquisition	\$238	\$0	\$0	\$0	\$0	\$238
Total Expense	\$7,087,532	\$439,984	\$957,008	\$1,081,580	\$1,176,747	\$10,742,851

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$76,631	\$74,241	\$76,631
2 Preliminary Design	\$0	\$0	\$34,396	\$2,304	\$34,396
3 Final Design	\$0	\$0	\$50,526	\$50,526	\$211,526
4 Implementation	\$0	\$0	\$6,925,736	\$8,199,163	\$7,204,720
5 Closeout	\$0	\$0	\$6	\$15,615	\$6
6 Acquisition	\$0	\$0	\$238	\$238	\$238
Total	\$0	\$0	\$7,087,533	\$8,342,087	\$7,527,517

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$2,390)	\$0	\$0	(\$2,390)
2 Preliminary Design	(\$32,092)	\$0	\$0	(\$32,092)
3 Final Design	(\$161,000)	\$0	\$339,848	(\$500,848)
4 Implementation	\$994,443	\$617,160	\$617,160	\$994,443
5 Closeout	\$15,609	\$0	\$0	\$15,609
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$814,570	\$617,160	\$957,008	\$474,722

NARRATIVES

WTC BIOSOLIDS SITE DEVELOPMENT

1037767

Current Scope

Biosolids Site Development - This project provides planning, engineering, and geographic information systems services in support of the WTD biosolids forestry application program. It also provides funds for improvements to forestry sites to allow biosolids application; namely, the construction and reconstruction of trails/roads used by the application equipment.

Project Justification

Proper field reconnaissance, mapping, field layout and construction of application roads/trails are required by permit to apply biosolids to forested sites in an environmentally safe manner.

Budget Request Basis

The appropriation request is based on analysis of project spending and budget carryover amount.

Project Status

Contract has been signed with new landowner. Contract has been prepared by King County and we are waiting on signature and insurance certificates from contractor.

Alternatives Analysis

N/A

Funding and Revenue Discussion

Other Agency Involvement

None.

Art Eligibility

No. Project is for asset replacement and refurbishment.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WTC BIOSOLIDS SITE DEVELOPMENT

1037767

Equity and Social Justice Impact

Not applicable to project. All site development is in rural, forested areas a minimum of 0.25 miles (often further) from the nearest residence. All sites are several miles away from towns or urban centers.

Strategic Climate Action Plan Alignment

Section 1, Goal Area 5 (Forests and Agriculture) of the SCAP states that King County's sustainable agriculture and forestry practices include improving soils. Specifically, "the Wastewater Treatment Division uses its soil amendment Loop biosolids on private and state-managed forests in King County to increase tree growth, store carbon in forest soils, and replace use of fossil fuel-based fertilizers." (SCAP pg. 90) This capital project is integral to the process of applying Loop biosolids on forest land.

Operating Budget Impacts

None.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WTC WTD TECHNOLOGY PROGRAM DEV

1037769

Department	NATURAL RESOURCES AND PARKS
Council District(s)	4
Fund	3611 WATER QUALITY CONST-UNRES
Class Code	STANDALONE
Substantial Completion	
Location	West Point Treatment Plant and South Treatment Plant.
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/01/96 - 12/31/96	\$1,390,063	\$0	\$0	\$0	\$1,390,063
2 Preliminary Design	\$535,971	\$0	\$0	\$0	\$535,971
3 Final Design	\$259,341	\$0	\$0	\$0	\$259,341
4 Implementation 01/01/97 - 12/30/16	\$14,395,328	(\$707,748)	\$0	\$0	\$13,687,580
5 Closeout	\$125,673	\$0	\$0	\$0	\$125,673
6 Acquisition	\$1	\$0	\$0	\$0	\$1
Total Budget	\$16,706,377	(\$707,748)	\$0	\$0	\$15,998,629

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	(\$707,748)	\$0	\$0	(\$707,748)
Total Revenue	(\$707,748)	\$0	\$0	(\$707,748)

EXPENSE

WTC WTD TECHNOLOGY PROGRAM DEV

1037769

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$3,216,848	\$0	\$0	\$0	\$0	\$3,216,848
2 Prelim Design	\$542,753	\$0	\$0	\$0	\$0	\$542,753
3 Final Design	\$262,024	\$55,000	\$0	\$0	\$0	\$317,024
4 Implementation	\$11,010,571	\$909,315	\$0	\$0	\$0	\$11,919,886
5 Closeout	\$1,910	\$0	\$0	\$0	\$0	\$1,910
6 Acquisition	\$209	\$0	\$0	\$0	\$0	\$209
Total Expense	\$15,034,314	\$964,315	\$0	\$0	\$0	\$15,998,629

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$3,216,848	\$1,390,063	\$3,216,848
2 Preliminary Design	\$0	\$0	\$542,753	\$535,971	\$542,753
3 Final Design	\$0	\$0	\$262,024	\$259,341	\$317,024
4 Implementation	\$0	\$0	\$11,010,571	\$14,395,328	\$11,919,886
5 Closeout	\$0	\$0	\$1,910	\$125,673	\$1,910
6 Acquisition	\$0	\$0	\$209	\$1	\$209
Total	\$0	\$0	\$15,034,315	\$16,706,377	\$15,998,630

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$1,826,785)	\$0	\$0	(\$1,826,785)
2 Preliminary Design	(\$6,782)	\$0	\$0	(\$6,782)
3 Final Design	(\$57,683)	\$0	\$0	(\$57,683)
4 Implementation	\$2,475,442	(\$707,748)	\$0	\$1,767,694
5 Closeout	\$123,763	\$0	\$0	\$123,763
6 Acquisition	(\$208)	\$0	\$0	(\$208)
Total	\$707,747	(\$707,748)	\$0	(\$1)

NARRATIVES

WTC WTD TECHNOLOGY PROGRAM DEV

1037769

Current Scope

Wastewater Treatment Division Technology Program Development - The Technology Assessment Program is involved in numerous concurrent testing and assessment activities. In 2016, this work will include evaluation of the cost and effectiveness of technologies and process changes that can improve the performance or reduce the costs of wastewater treatment. The recent interest in new ideas/proposals in the energy production/recovery, biosolids management, and nutrient recovery fields is anticipated to continue through 2016. Close-out of this project has been requested at the end of 2016 and a new project has been requested starting in 2017.

Project Justification

Make informed decisions regarding new technologies with the potential to improve performance and reduce costs and/or impacts of operation of WTD facilities.

Budget Request Basis

Remaining appropriation transferred to new project request 1129538.

Project Status

Project closing out at the end of 2016.

Alternatives Analysis

N/A

Funding and Revenue Discussion

Other Agency Involvement

None.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	WTC WTD TECHNOLOGY PROGRAM DEV	1037769
Art Eligibility		
No. Project does not involve construction of new facilities.		
Equity and Social Justice Impact		
Strategic Climate Action Plan Alignment		
N/A		
Operating Budget Impacts		
N/A		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WTC CONVEYANCE SYS IMPROVEMENT

1037789

Master Project

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3611 WATER QUALITY CONST-UNRES
Class Code	WTC CONVEYANCE SYS IMPROVEMENT
Substantial Completion	
Location	Throughout regional wastewater conveyance system.
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/01/01 - 12/31/30	\$49,774,322	\$0	\$60,585	\$0	\$49,834,907
2 Preliminary Design	\$4,184,041	\$0	\$677,996	\$0	\$4,862,037
3 Final Design	\$9,674,967	\$0	\$4,139,821	\$539,909	\$14,354,697
4 Implementation	\$34,579,625	\$0	\$13,966,781	\$21,871,963	\$70,418,369
5 Closeout	\$622,965	\$0	\$221	\$258,931	\$882,117
6 Acquisition	\$66	\$0	\$0	\$0	\$66
Total Budget	\$98,835,986	\$0	\$18,845,404	\$22,670,803	\$140,352,193

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

EXPENSE WTC CONVEYANCE SYS IMPROVEMENT 1037789

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$61,137,321	\$897,544	\$98,442	\$13,858	\$0	\$62,147,165
2 Prelim Design	\$2,020,144	\$554,380	\$1,526,222	\$477,996	\$0	\$4,578,742
3 Final Design	\$7,904,138	\$29,410	\$885,946	\$4,876,699	\$539,909	\$14,236,102
4 Implementation	\$13,627,289	\$1,450,516	\$3,173,698	\$17,696,995	\$21,871,963	\$57,820,461
5 Closeout	\$137,984	\$5,882	\$0	\$221	\$258,931	\$403,018
6 Acquisition	\$1,166,705	\$0	\$0	\$0	\$0	\$1,166,705
Total Expense	\$85,993,580	\$2,937,732	\$5,684,308	\$23,065,769	\$22,670,803	\$140,352,192

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$61,137,321	\$49,774,322	\$62,034,865
2 Preliminary Design	\$0	\$0	\$2,020,144	\$4,184,041	\$2,574,524
3 Final Design	\$0	\$0	\$7,904,138	\$9,674,967	\$7,933,548
4 Implementation	\$0	\$0	\$13,627,289	\$34,579,625	\$15,077,805
5 Closeout	\$0	\$0	\$137,984	\$622,965	\$143,866
6 Acquisition	\$0	\$0	\$1,166,705	\$66	\$1,166,705
Total	\$0	\$0	\$85,993,581	\$98,835,986	\$88,931,313

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$12,260,543)	\$0	\$98,442	(\$12,358,985)
2 Preliminary Design	\$1,609,517	\$0	\$1,526,222	\$83,295
3 Final Design	\$1,741,419	\$0	\$885,946	\$855,473
4 Implementation	\$19,501,820	\$0	\$3,173,698	\$16,328,122
5 Closeout	\$479,099	\$0	\$0	\$479,099
6 Acquisition	(\$1,166,639)	\$0	\$0	(\$1,166,639)
Total	\$9,904,673	\$0	\$5,684,308	\$4,220,365

NARRATIVES

WTC CONVEYANCE SYS IMPROVEMENT

1037789

Current Scope

Conveyance System Improvement - Conveyance system improvement planning is driven by the Regional Wastewater Service Plan's adopted conveyance standard of being able to convey the 20-year peak flow. For purposes of constructing facilities to meet future demand, the design standard used for planning new conveyance facilities is to accommodate the 20-year peak flow as projected in 2060. The year 2060 is based on 50 year planning horizon. A 50 year planning horizon is considered as a reasonable timeframe for modeling future wastewater flows. The 1037789 budget is a roll-up of sub-projects covering everything from staff labor to future projects and other expenses incurred to do conveyance planning for the region. The Conveyance System Improvement (CSI) project provides an opportunity for the County and local agencies to jointly address common conveyance issues, leverage available resources, and minimize customer disruption. The County values and encourages local sewer agency involvement as planning in the wastewater service area moves forward. Project schedule dates reflect the activities of multiple sub-projects.

Project Justification

Conveyance system improvement planning is necessary to identify and address capacity needs in the system as the region grows over time. King County is responsible for conveying and treating wastewater collected by 34 local sewer agencies in the King County region. King County operates the regional wastewater system under a Washington State Department of Ecology issued National Pollutant Elimination Discharge System (NPDES) permit. The NPDES permit does not allow overflows from the separated conveyance system. The County is engaged in a multi-year, multidisciplinary effort called the Conveyance System Improvements (CSI) project. This project is focused on upgrading and improving the existing regional conveyance system and planning for future conveyance capacity needs to avoid overflows from the separated conveyance system. The County's regional conveyance system consists of interceptor sewers, pump stations, forcemains, regulators, and tunnels that transport wastewater from local sewers to the County's three regional secondary treatment plants. The CSI project is integrated with other King County programs including the Infiltration/Inflow (I/I) Control Program, the Combined Sewer Overflow (CSO) Program, and the Major Capital Improvement Program (MCIP).

Budget Request Basis

The appropriation request is based on analysis of project spending and budget carryover amount.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	WTC CONVEYANCE SYS IMPROVEMENT	1037789
Project Status		
Conveyance system improvement planning is proceeding as planned.		
Alternatives Analysis		
Not applicable to this programmatic project.		
Funding and Revenue Discussion		
Other Agency Involvement		
Wastewater Treatment Division Planning staff coordinate closely with cities and sewer districts on all aspect of conveyance system planning. Examples of coordination include sharing flow forecast data and results, obtaining input on project prioritization, and early consultation on project initiation.		
Art Eligibility		
No. This project is for conveyance system capital planning, project identification and initiation.		
Equity and Social Justice Impact		
ESJ considerations are reviewed in the planning process. We are implementing an ESJ Assessment protocol for all projects and developed an associated Assessment table and survey that fully implements ESJ practices into capital projects. Additional information is outlined in the 2017-2018 Wastewater Treatment Division Business Plan and ESJ work plan.		
Strategic Climate Action Plan Alignment		
SCAP considerations are incorporated in the planning efforts of new projects.		
Operating Budget Impacts		
Not applicable to this programmatic project.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WTC EAST DIVISION CORR REPAIRS

1037815

Department	NATURAL RESOURCES AND PARKS
Council District(s)	5
Fund	3611 WATER QUALITY CONST-UNRES
Class Code	STANDALONE
Substantial Completion	06/18/2018
Location	Work is conducted at multiple locations throughout King County.
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/01/00 - 01/15/05	\$4,165	\$0	\$0	\$0	\$4,165
2 Preliminary Design 01/01/00 - 01/15/05	\$6,727	\$0	\$0	\$0	\$6,727
3 Final Design 01/15/05 - 06/18/18	\$89,460	\$0	\$0	\$0	\$89,460
4 Implementation 04/12/16 - 04/10/18	\$5,878,999	\$630,657	\$716,011	\$915,133	\$8,140,800
5 Closeout 04/17/17 - 10/16/18	\$43,194	\$0	\$1	\$70,412	\$113,607
6 Acquisition	\$1	\$0	\$0	\$0	\$1
Total Budget	\$6,022,546	\$630,657	\$716,012	\$985,545	\$8,354,760

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39199 - DEBT PROCEEDS TRANSFER	\$630,657	\$0	\$0	\$630,657
Total Revenue	\$630,657	\$0	\$0	\$630,657

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		WTC EAST DIVISION CORR REPAIRS					1037815
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense	
1 Planning	\$4,165	\$0	\$0	\$0	\$0	\$4,165	
2 Prelim Design	\$6,759	\$0	\$0	\$0	\$0	\$6,759	
3 Final Design	\$240,236	\$0	\$0	\$0	\$0	\$240,236	
4 Implementation	\$3,586,850	\$588,578	\$1,230,658	\$1,306,043	\$1,315,617	\$8,027,746	
5 Closeout	\$5,440	\$0	\$0	\$1	\$70,412	\$75,853	
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0	
Total Expense	\$3,843,450	\$588,578	\$1,230,658	\$1,306,044	\$1,386,029	\$8,354,759	

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$4,165	\$4,165	\$4,165
2 Preliminary Design	\$0	\$0	\$6,759	\$6,727	\$6,759
3 Final Design	\$0	\$0	\$240,236	\$89,460	\$240,236
4 Implementation	\$0	\$0	\$3,586,850	\$5,878,999	\$4,175,428
5 Closeout	\$0	\$0	\$5,440	\$43,194	\$5,440
6 Acquisition	\$0	\$0	\$0	\$1	\$0
Total	\$0	\$0	\$3,843,450	\$6,022,546	\$4,432,028

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	(\$32)	\$0	\$0	(\$32)
3 Final Design	(\$150,776)	\$0	\$0	(\$150,776)
4 Implementation	\$1,703,571	\$630,657	\$1,230,658	\$1,103,570
5 Closeout	\$37,754	\$0	\$0	\$37,754
6 Acquisition	\$1	\$0	\$0	\$1
Total	\$1,590,518	\$630,657	\$1,230,658	\$990,517

NARRATIVES

WTC EAST DIVISION CORR REPAIRS	1037815
Current Scope	
East Division Corrosion Repairs - This project funds coating and lining refurbishments of pipelines, structures, and equipment at WTD treatment plants and at offsite locations.	
Project Justification	
Corrosion is a major problem in a wastewater environment that contributes to premature degradation of WTD infrastructure. Corrosion protection significantly extends the service life of pipelines, structures, and equipment.	
Budget Request Basis	
The appropriation request is based on analysis of project spending and budget carryover amount.	
Project Status	
Multiple continuing corrosion prevention activities are underway.	

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	WTC EAST DIVISION CORR REPAIRS	1037815
Alternatives Analysis		
Not applicable to project.		
Funding and Revenue Discussion		
Other Agency Involvement		
Not applicable to project.		
Art Eligibility		
No. Project is for refurbishment or minor rehabilitation		
Equity and Social Justice Impact		
Not applicable to project.		
Strategic Climate Action Plan Alignment		
N/A. Project is for maintenance.		
Operating Budget Impacts		
Not applicable to project.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status: Approved

WTC CSO CONTROL AND IMPRV

1038098

Master Project

Department	NATURAL RESOURCES AND PARKS
Council District(s)	2, 4, 8
Fund	3611 WATER QUALITY CONST-UNRES
Class Code	WTC CSO CONTROL AND IMPRV
Substantial Completion	01/01/2031
Location	King Street Center
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/01/01 - 12/31/30	\$2,923,455	\$0	\$0	\$1,171,268	\$4,094,723
2 Preliminary Design	\$1,854,467	\$0	\$0	\$19,043,754	\$20,898,221
3 Final Design	\$3,763,088	\$0	\$0	\$1,747,504	\$5,510,592
4 Implementation	\$7,058,476	\$0	\$0	\$5,075,744	\$12,134,220
5 Closeout	\$729,576	\$0	\$0	\$12,641	\$742,217
6 Acquisition	\$216,482	\$0	\$0	\$14,111,907	\$14,328,389
Total Budget	\$16,545,544	\$0	\$0	\$41,162,818	\$57,708,362

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

EXPENSE WTC CSO CONTROL AND IMPRV 1038098

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$13,741,199	\$197,209	\$618,815	\$561,563	\$1,171,268	\$16,290,054
2 Prelim Design	\$746,546	\$391,500	\$318,799	\$404,572	\$19,043,754	\$20,905,171
3 Final Design	\$204,836	(\$7,140,226)	\$249,813	\$425,503	\$1,747,504	(\$4,512,570)
4 Implementation	\$347,134	\$301,375	\$1,239,591	\$356,982	\$5,075,744	\$7,320,826
5 Closeout	\$39	\$15,457	\$64,813	\$0	\$12,641	\$92,950
6 Acquisition	\$36,637	\$0	\$0	\$0	\$17,575,290	\$17,611,927
Total Expense	\$15,076,391	(\$6,234,685)	\$2,491,831	\$1,748,620	\$44,626,201	\$57,708,358

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$13,741,199	\$2,923,455	\$13,938,408
2 Preliminary Design	\$0	\$0	\$746,546	\$1,854,467	\$1,138,046
3 Final Design	\$0	\$0	\$204,836	\$3,763,088	(\$6,935,390)
4 Implementation	\$0	\$0	\$347,134	\$7,058,476	\$648,509
5 Closeout	\$0	\$0	\$39	\$729,576	\$15,496
6 Acquisition	\$0	\$0	\$36,637	\$216,482	\$36,637
Total	\$0	\$0	\$15,076,391	\$16,545,544	\$8,841,706

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$11,014,953)	\$0	\$618,815	(\$11,633,768)
2 Preliminary Design	\$716,421	\$0	\$318,799	\$397,622
3 Final Design	\$10,698,478	\$0	\$249,813	\$10,448,665
4 Implementation	\$6,409,967	\$0	\$1,239,591	\$5,170,376
5 Closeout	\$714,080	\$0	\$64,813	\$649,267
6 Acquisition	\$179,845	\$0	\$0	\$179,845
Total	\$7,703,838	\$0	\$2,491,831	\$5,212,007

NARRATIVES

WTC CSO CONTROL AND IMPRV

1038098

Current Scope

Combined Sewer Overflow Control and Improvement - The master project contains several subprojects as a mechanism to track the capital projects in the combined sewer overflow (CSO Long-term Control Plan being implemented through 2030. When projects are ready for implementation, the budget is transferred to the Project Management Unit (PMU) under a new project number. The project reflects the Council approved 2012 Long-term CSO Control Plan. A new subproject - the Water Quality Assessment & Monitoring Study - was added in 2013 to develop information for the 2018 Long-term Control Plan Update and potentially, an integrated plan.

Project Justification

Combined sewer overflows (CSO) are a risk to public health from the discharge of a mix of untreated sewage and stormwater. CSOs are regulated under requirements of State and federal water quality regulations. WTD has been working to meet water quality regulations since 1979 by building facilities to reduce the volume and number of times CSOs discharge. WTD is now under a federal Consent Decree that obligates WTD to finish the remaining projects by 2030 or face penalties and additional court action.

Budget Request Basis

The appropriation request is based on analysis of project spending and budget carryover amount.

Project Status

Chelan Ave CSO Control project will transfer to a capital project team in 2016. Preliminary alternative analysis for University and Montlake storage will start in 2020. The Water Quality Assessment/Monitoring Study will be completed in 2017.

Alternatives Analysis

Alternatives analysis at the planning level is being performed under the 2018 Long-term Control Plan Update. The CSO Program is re-evaluating recommended alternatives for the remaining CSO Projects not in design or pre-design.

Funding and Revenue Discussion

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WTC CSO CONTROL AND IMPRV

1038098

Other Agency Involvement

Coordination with Seattle Public Utilities (SPU) is being done through a large coordination effort agreed to by both agencies. Each future capital project may or may not have direct collaboration with SPU. Commitments to future collaboration are being identified in the 2018 Long-term CSO Control Plan Update.

Art Eligibility

No. Project is for capital planning.

Equity and Social Justice Impact

ESJ considerations are reviewed in the planning process. Project public involvement plan incorporates County best practices for equitable outreach (e.g. demographic analysis, collaboration with Community Based Organizations, increased educational opportunities and/or culturally appropriate information gathering as applicable). Information gathered during public involvement effort incorporated into County decision-making. WTD is implementing an ESJ Assessment protocol for all projects and developed an associated Assessment table and survey that fully implements ESJ practices into capital projects. Additional information is outlined in the 2017-2018 WTD Business Plan and ESJ work plan.

Strategic Climate Action Plan Alignment

SCAP considerations are incorporated in the planning efforts of new projects.

Operating Budget Impacts

Operating budgets will increase as new facilities for CSO control are completed. Life cycle costs are identified early in planning and shared with finance to include in upcoming operations budgets. Final operating costs are calculated prior to starting construction. Operations managers and planning staff will review information from the Mainsaver database periodically to update life cycle costs.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WTC MITIGATION SITE MAINT MON

1038099

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3611 WATER QUALITY CONST-UNRES
Class Code	STANDALONE
Substantial Completion	
Location	Various WTD facilities; Will try to have GIS locations at the end of 2016 for each site.
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$254	\$0	\$0	\$0	\$254
2 Preliminary Design	\$1,174	\$0	\$0	\$0	\$1,174
3 Final Design	\$26,848	\$27,080	\$28,728	\$15,014	\$97,670
4 Implementation	\$2,306,616	\$2,742,717	\$1,864,582	\$948,942	\$7,862,857
5 Closeout 05/06/14 - 12/31/23	\$12,252	\$0	\$200,000	\$73,966	\$286,218
6 Acquisition	\$1	\$0	\$0	\$0	\$1
Total Budget	\$2,347,145	\$2,769,797	\$2,093,310	\$1,037,922	\$8,248,174

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39199 - DEBT PROCEEDS TRANSFER	\$2,769,797	\$0	\$0	\$2,769,797
Total Revenue	\$2,769,797	\$0	\$0	\$2,769,797

EXPENSE

WTC MITIGATION SITE MAINT MON

1038099

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$344	\$0	\$0	\$0	\$0	\$344
2 Prelim Design	\$14,208	\$0	\$0	\$0	\$0	\$14,208
3 Final Design	\$32,103	\$12,951	\$27,080	\$28,728	\$15,014	\$115,876
4 Implementation	\$1,834,158	\$1,210,420	\$2,252,717	\$2,364,583	\$948,942	\$8,610,820
5 Closeout	\$60	\$147	\$0	\$0	\$273,966	\$274,173
6 Acquisition	\$493	\$0	\$0	\$0	\$0	\$493
Total Expense	\$1,881,366	\$1,223,518	\$2,279,797	\$2,393,311	\$1,237,922	\$9,015,914

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$344	\$254	\$344
2 Preliminary Design	\$0	\$0	\$14,208	\$1,174	\$14,208
3 Final Design	\$0	\$0	\$32,103	\$26,848	\$45,054
4 Implementation	\$0	\$0	\$1,834,158	\$2,306,616	\$3,044,578
5 Closeout	\$0	\$0	\$60	\$12,252	\$207
6 Acquisition	\$0	\$0	\$493	\$1	\$493
Total	\$0	\$0	\$1,881,366	\$2,347,145	\$3,104,884

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$90)	\$0	\$0	(\$90)
2 Preliminary Design	(\$13,034)	\$0	\$0	(\$13,034)
3 Final Design	(\$18,206)	\$27,080	\$27,080	(\$18,206)
4 Implementation	(\$737,962)	\$2,742,717	\$2,252,717	(\$247,962)
5 Closeout	\$12,045	\$0	\$0	\$12,045
6 Acquisition	(\$492)	\$0	\$0	(\$492)
Total	(\$757,739)	\$2,769,797	\$2,279,797	(\$267,739)

NARRATIVES

WTC MITIGATION SITE MAINT MON

1038099

Current Scope

Mitigation Site Maintenance Monitoring - For each mitigation site the following activities would be performed: 1. Maintenance and monitoring of mitigation site as required by the permit. 2. Monitoring report preparation. 3. Development of contingency measures if mitigation measures fail to meet the performance standard. 3. Coordination with permitting agencies for approval of monitoring report and contingency measures. 4. Installation of contingency measures with a work order contract. 5. Coordination with permitting agencies for final approval. 6. Perform Landscape maintenance on Green Stormwater Infrastructure sites (special training required). The Mitigation Site Maintenance and Monitoring Program is ongoing. Each year there is a potential for additional mitigation sites to be added if a Wastewater Treatment Division project will occur within critical areas or their buffers.

Project Justification

Many WTD projects with impacts in critical areas (e.g. streams, wetlands, steep slopes and their buffers) have conditions of permit approval that require long-term monitoring and maintenance of mitigation sites. Typically the permit prescribes performance standards that must be met for various mitigation measures for a period of three to five years. Performance standards must be met, typically on an annual basis and results submitted to the permitting agency. For sites that do not meet the prescribed performance measures, contingency measures must be implemented until the permitting agency issues a final approval of the mitigation site and the permit is closed. The time period between closeout of the construction project that impacts the critical area and final acceptance of the mitigation site can be up to ten years. The risk of not implementing the project would be a violation of the permit and would result in fines. The Program may have linkages to strategic plans such as the Strategic Climate Action Plan because many of the restored sites are in better condition once the work is complete. Carbon could be more readily sequestered at those sites.

Budget Request Basis

The appropriation request is based on analysis of project spending and budget carryover amount.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WTC MITIGATION SITE MAINT MON

1038099

Project Status

We have a total of 27 sites. Five have been closed out, and we will be closing out an additional five sites this year which will leave us with 12 active sites. In addition to the 12 active sites, three sites are still in the planning phases and two are currently under construction. We have recently amended eight work orders. There were several reasons for the change in project scope. Contingency measures requiring additional restoration needed to be taken at the Brightwater North 40 Mitigation site because we are not meeting performance standards and are out of compliance with permit conditions - this required additional staffing and supplies. There has been an increase in the number of monitoring sites due in part, to the Combined Sewer Overflow Program. Finally, the Mitigation Site Maintenance and Monitoring Program has been understaffed the last several years due to unforeseen staffing issues which caused an overall backlog in monitoring and regulatory reporting requirements to local, state and federal agencies.

Alternatives Analysis

N/A

Funding and Revenue Discussion

Other Agency Involvement

The Corps of Engineers, the Washington Department of Ecology (Ecology), the Washington Department of Fish and Wildlife, King County Department of Permitting and Environmental Review, and 13 local jurisdictions are directly involved in the project through conditions required under permit. Ecology has recently visited the North Kenmore Portal and the Brightwater North 40 and South Mitigation sites to determine if the projects are on track to meet performance standards identified in the permits.

Art Eligibility

No. Project is for post construction monitoring and mitigation.

Equity and Social Justice Impact

N/A. Project is for post construction monitoring.

Strategic Climate Action Plan Alignment

N/A. Project is for post construction monitoring.

Operating Budget Impacts

Impacts on the operating budget should be low. Once compliance objectives are met, and the monitoring period is complete, no further work is typically required. That said, there are some exceptions. The Brightwater North 40 Mitigation site will be overseen by our gardeners after monitoring is complete because of the Brightwater Education Center and high public use and visibility. Because there is currently a gardener onsite, no additional staffing should be required.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status: Approved

WTC SUNSET HEATH PS FM UPGRADE

1038122

MPA Reporting, Baseline Required, Green Building Reporting, Art Eligible

Department	NATURAL RESOURCES AND PARKS
Council District(s)	6
Fund	3611 WATER QUALITY CONST-UNRES
Class Code	STANDALONE
Substantial Completion	03/31/2020
Location	Sunset and Heathfield Pump Stations, Bellevue
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 07/19/10 - 02/22/11	\$2,511,674	\$0	\$0	\$0	\$2,511,674
2 Preliminary Design 02/22/11 - 04/14/15	\$5,000,516	\$0	\$0	\$0	\$5,000,516
3 Final Design 04/14/15 - 04/14/17	\$10,907,016	\$2,079,040	\$0	\$0	\$12,986,056
4 Implementation 04/14/17 - 08/01/20	\$1	\$48,273,071	\$0	\$0	\$48,273,072
5 Closeout 08/01/20 - 03/28/21	\$2	\$0	\$304,333	\$0	\$304,335
6 Acquisition 03/31/15 - 12/20/16	\$670,181	\$0	\$0	\$0	\$670,181
Total Budget	\$19,089,390	\$50,352,111	\$304,333	\$0	\$69,745,834

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39199 - DEBT PROCEEDS TRANSFER	\$50,352,111	\$0	\$0	\$50,352,111
Total Revenue	\$50,352,111	\$0	\$0	\$50,352,111

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		WTC SUNSET HEATH PS FM UPGRADE					1038122
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense	
1 Planning	\$2,495,049	\$0	\$0	\$0	\$0	\$2,495,049	
2 Prelim Design	\$5,499,877	\$0	\$0	\$0	\$0	\$5,499,877	
3 Final Design	\$4,533,121	\$2,616,716	\$2,079,040	\$0	\$0	\$9,228,877	
4 Implementation	\$132,766	\$443,814	\$23,551,125	\$23,197,415	\$4,401,176	\$51,726,296	
5 Closeout	\$64	\$7,638	\$0	\$170,630	\$133,703	\$312,035	
6 Acquisition	\$133,699	\$350,000	\$0	\$0	\$0	\$483,699	
Total Expense	\$12,794,576	\$3,418,168	\$25,630,165	\$23,368,045	\$4,534,879	\$69,745,833	

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$2,464,679	\$2,495,045	\$2,495,049	\$2,511,674	\$2,495,049
2 Preliminary Design	\$6,692,376	\$5,425,604	\$5,499,877	\$5,000,516	\$5,499,877
3 Final Design	\$5,993,235	\$9,178,875	\$4,533,121	\$10,907,016	\$7,149,837
4 Implementation	\$53,446,456	\$51,850,599	\$132,766	\$1	\$576,580
5 Closeout	\$788,903	\$312,021	\$64	\$2	\$7,702
6 Acquisition	\$368,842	\$483,691	\$133,699	\$670,181	\$483,699
Total	\$69,754,491	\$69,745,834	\$12,794,576	\$19,089,390	\$16,212,744

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$16,625	\$0	\$0	\$16,625
2 Preliminary Design	(\$499,361)	\$0	\$0	(\$499,361)
3 Final Design	\$3,757,179	\$2,079,040	\$2,079,040	\$3,757,179
4 Implementation	(\$576,579)	\$48,273,071	\$23,551,125	\$24,145,367
5 Closeout	(\$7,700)	\$0	\$0	(\$7,700)
6 Acquisition	\$186,482	\$0	\$0	\$186,482
Total	\$2,876,646	\$50,352,111	\$25,630,165	\$27,598,592

NARRATIVES WTC SUNSET HEATH PS FM UPGRADE 1038122

Current Scope

Sunset Heathfield Pump Station and Force Main Upgrade - The Sunset/Heathfield Pump Stations and Forcemain Project as planned will increase the pumping capacity of the stations to 30 million gallons per day (mgd). The 2007 Conveyance System Improvements Program Update recommended replacing the current pump stations and either paralleling or replacing the existing force mains.

Project Justification

The Sunset/Heathfield Pump Stations and Force main conveyance system were designed to convey a capacity of up to 24 million gallons per day (mgd). The current peak capacity of approximately 18 mgd represents an estimated 5-10 year peak flow level of service, well below the 20 year peak flow design standard stated in the RWSP conveyance policies. Increased population growth and influent flows have increased use of the large pumps, affecting overall reliability, performance and efficiency of the system. Projected future increases in sewer population and wastewater flow in the area served by the Sunset and Heathfield Pump Stations necessitate increasing the pumping capacity.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WTC SUNSET HEATH PS FM UPGRADE

1038122

Budget Request Basis

The appropriation request is based on analysis of project schedule, spending, contingency, budget carryover amount and the timing of property acquisition and implementation contracting.

Project Status

Finalizing the 100% design package, processing permits and finalizing easement negotiations in 2016 with Construction anticipated to start in 2017.

Alternatives Analysis

Evaluated storage (tunnel) option, larger pump station, upgrade of pump station and new force main.

Funding and Revenue Discussion

Other Agency Involvement

City of Bellevue, WSDOT, Army Corps of Engineers and Washington Department of Ecology.

Art Eligibility

Yes. All Art Budget has already been contributed by the project.

Equity and Social Justice Impact

Implementing robust community involvement, strategies including a career education program in project-area schools, engaging students/community for temporary construction fencing art project, etc., interpretive signage and replacement of the Sunset PS fence (currently chain-link) for improved aesthetics. We are implementing an ESJ Assessment protocol for all projects and developed an associated Assessment table and survey that fully implements ESJ practices into capital projects. Additional information is outlined in the 2017-2018 Wastewater Treatment Division Business Plan and ESJ work plan.

Strategic Climate Action Plan Alignment

Project is working towards a third-party verification through the Envision Sustainable Infrastructure Rating System. Design includes innovative energy efficiency and system corrosion reduction components, as well as robust site stormwater management (including a green roof) and community quality of life strategies. Project will also maximize construction and demolition waste diversion from landfills by striving for an 80% - 85% diversion rate. These actions contribute to SCAP Green Building Goal Area targets and strategies. The rating level targeted is for this project is Platinum. The additional cost associated with achieving LEED or scorecard certification is \$260,000. The green building and sustainable development strategies employed in this project are: replacement of pole lamps at the Sunset PS with ground-level bollards for improved views of Lake Sammamish and ease of maintenance, replacement of certain trees at the Sunset PS for improved aesthetics, improved views of Lake Sammamish and ease of maintenance, sustainable materials and waste management, energy efficiency in all systems (pumping, HVAC, odor control, lighting, etc.), exemplary corrosion control for system longevity, potable water efficiency, green stormwater infrastructure (including green roof on Sunset PS), habitat enhancement strategies throughout project area, climate change risk mitigation, and the Project is piloting the Envision Sustainability Rating System.

Operating Budget Impacts

Will increase the operating budget.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WTC LOWER DUWAMISH SUPERFUND

1038129

Department	NATURAL RESOURCES AND PARKS
Council District(s)	4, 5, 8
Fund	3611 WATER QUALITY CONST-UNRES
Class Code	STANDALONE
Substantial Completion	
Location	Lower Duwamish Waterway
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 03/01/01 - 12/30/20	\$8,416,150	\$1,090,428	\$75,961	\$0	\$9,582,539
2 Preliminary Design 03/01/01 - 12/30/20	\$1,993,390	\$859,694	\$0	\$0	\$2,853,084
3 Final Design 03/01/01 - 12/30/20	\$7,033,306	\$11,582,316	\$300,702	\$0	\$18,916,324
4 Implementation 03/01/01 - 12/30/20	\$18,822,009	\$831,754	\$801,728	\$0	\$20,455,491
5 Closeout 03/01/01 - 12/30/20	\$398,699	\$11,143	\$51,504	\$0	\$461,346
6 Acquisition 03/01/01 - 12/30/20	\$306	\$0	\$0	\$0	\$306
Total Budget	\$36,663,860	\$14,375,335	\$1,229,895	\$0	\$52,269,090

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39199 - DEBT PROCEEDS TRANSFER	\$14,375,335	\$0	\$0	\$14,375,335
Total Revenue	\$14,375,335	\$0	\$0	\$14,375,335

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		WTC LOWER DUWAMISH SUPERFUND				1038129
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$18,411,721	\$836,307	\$1,090,428	\$75,961	\$0	\$20,414,417
2 Prelim Design	\$158,327	\$5,315,240	\$859,694	\$0	\$0	\$6,333,261
3 Final Design	\$301,748	\$947,505	\$11,582,316	\$923,825	\$0	\$13,755,394
4 Implementation	\$9,189,831	\$263,015	\$831,754	\$1,410,926	\$0	\$11,695,526
5 Closeout	\$7,282	\$258	\$11,143	\$51,504	\$0	\$70,187
6 Acquisition	\$306	\$0	\$0	\$0	\$0	\$306
Total Expense	\$28,069,215	\$7,362,325	\$14,375,335	\$2,462,216	\$0	\$52,269,091

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$18,411,721	\$8,416,150	\$19,248,028
2 Preliminary Design	\$0	\$0	\$158,327	\$1,993,390	\$5,473,567
3 Final Design	\$0	\$0	\$301,748	\$7,033,306	\$1,249,253
4 Implementation	\$0	\$0	\$9,189,831	\$18,822,009	\$9,452,846
5 Closeout	\$0	\$0	\$7,282	\$398,699	\$7,540
6 Acquisition	\$0	\$0	\$306	\$306	\$306
Total	\$0	\$0	\$28,069,215	\$36,663,860	\$35,431,540

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$10,831,878)	\$1,090,428	\$1,090,428	(\$10,831,878)
2 Preliminary Design	(\$3,480,177)	\$859,694	\$859,694	(\$3,480,177)
3 Final Design	\$5,784,053	\$11,582,316	\$11,582,316	\$5,784,053
4 Implementation	\$9,369,163	\$831,754	\$831,754	\$9,369,163
5 Closeout	\$391,159	\$11,143	\$11,143	\$391,159
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$1,232,320	\$14,375,335	\$14,375,335	\$1,232,320

NARRATIVES WTC LOWER DUWAMISH SUPERFUND 1038129

Current Scope

Lower Duwamish Superfund - The project implements King County's shared responsibilities under a signed Administrative Order on Consent (AOC) to conduct a Remedial Investigation/Feasibility Study (RI/FS) for the Lower Duwamish Waterway Superfund Site and pay for Environmental Protection Agency and Washington State Department of Ecology oversight costs. The AOC is jointly signed by King County, the City of Seattle, the Port of Seattle, and Boeing. King County will also move ahead on cleanup of identified early actions areas at the site to quickly reduce risks. Phase 1: Existing RI data to define data gaps and early actions. Phase 2: Baseline and Residual risk assessments and RI; Early Action studies and cleanups. Phase 3: Feasibility study and proposed cleanup plan. Phase 4 Predesign Studies and allocation process. AOC amendments have added additional studies (phase 4): fisher, activated carbon pilot, and pre-design.

Project Justification

Signed Administrative Order of Consent (AOC) with EPA and Ecology

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WTC LOWER DUWAMISH SUPERFUND

1038129

Budget Request Basis

The appropriation request is based on analysis of project spending and budget carryover amount.

Project Status

Complete Fisher Study; hire new LDWG shared consultant and conduct workplan for predesign and waterway user survey; continue allocation support; complete Brandon, Green suspended solids, and synthesis source control studies; and submit revised Source Control Implementation Plan to Ecology. Start construction of the AC pilot project.

Alternatives Analysis

Feasibility Study analyzed alternatives per EPA guidance and selected remedy was published by EPA in the Record of Decision

Funding and Revenue Discussion

Other Agency Involvement

EPA, Ecology, USCOE, Muckelshoot and Suquamish Tribes, City of Seattle, Port of Seattle, WLRD, KCIA, Roads, FMD, DPH, PAO and PSD.

Art Eligibility

No. Project is for regulatory compliance.

Equity and Social Justice Impact

Conducted an Equity Impact Review on the selection of cleanup alternatives (see WTD website for document). Project public involvement plan incorporates County best practices for equitable outreach (e.g. demographic analysis, collaboration with Community Based Organizations, increased educational opportunities and/or culturally appropriate information gathering as applicable). Information gathered during public involvement effort incorporated into County decision-making. We are implementing an ESJ Assessment protocol for all projects and developed an associated Assessment table and survey that fully implements ESJ practices into capital projects. Additional information is outlined in the 2017-2018 Wastewater Treatment Division Business Plan and ESJ work plan.

Strategic Climate Action Plan Alignment

Effects are evaluated through Green remediation methods consideration during alternatives analysis, design and construction. Although the County is only partially responsible for the cleanup and not leading decisions, Green remediation methods are to be considered during implementation per the record of Decision.

Operating Budget Impacts

None that have been identified

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WTC ODOR CORROSION

1038273

Master Project

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3611 WATER QUALITY CONST-UNRES
Class Code	WTC ODOR CORROSION
Substantial Completion	
Location	Projects are located throughout the Wastewater Treatment Division's facilities.
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/01/01 - 12/31/22	\$133,472	\$216,613	\$536,362	\$422,959	\$1,309,406
2 Preliminary Design 01/01/01 - 12/31/22	\$289,439	\$327,554	\$804,542	\$634,440	\$2,055,975
3 Final Design 01/01/01 - 12/31/22	\$578,402	\$619,068	\$1,609,086	\$1,268,878	\$4,075,434
4 Implementation 01/01/01 - 12/31/22	\$13,968,248	\$3,077,112	\$1,758,750	\$1,394,089	\$20,198,199
5 Closeout 01/01/01 - 12/31/22	\$91,089	\$261,870	\$804,542	\$668,007	\$1,825,508
6 Acquisition	\$2,552	\$0	\$0	\$0	\$2,552
Total Budget	\$15,063,202	\$4,502,217	\$5,513,282	\$4,388,373	\$29,467,074

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39199 - DEBT PROCEEDS TRANSFER	\$4,502,217	\$0	\$0	\$4,502,217
Total Revenue	\$4,502,217	\$0	\$0	\$4,502,217

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		WTC ODOR CORROSION					1038273
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense	
1 Planning	\$799,917	\$104,060	\$216,613	\$536,362	\$422,959	\$2,079,911	
2 Prelim Design	\$1,334,765	\$634,435	\$327,554	\$804,542	\$634,440	\$3,735,736	
3 Final Design	\$1,353,115	\$1,388,355	\$1,119,068	\$1,609,086	\$1,268,878	\$6,738,502	
4 Implementation	\$5,018,042	\$2,285,103	\$4,143,114	\$1,758,750	\$1,394,089	\$14,599,098	
5 Closeout	\$30,344	\$344,440	\$461,870	\$804,542	\$668,007	\$2,309,203	
6 Acquisition	\$4,623	\$0	\$0	\$0	\$0	\$4,623	
Total Expense	\$8,540,807	\$4,756,393	\$6,268,219	\$5,513,282	\$4,388,373	\$29,467,074	

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$799,917	\$133,472	\$903,977
2 Preliminary Design	\$0	\$0	\$1,334,765	\$289,439	\$1,969,200
3 Final Design	\$0	\$0	\$1,353,115	\$578,402	\$2,741,470
4 Implementation	\$0	\$0	\$5,018,042	\$13,968,248	\$7,303,145
5 Closeout	\$0	\$0	\$30,344	\$91,089	\$374,784
6 Acquisition	\$0	\$0	\$4,623	\$2,552	\$4,623
Total	\$0	\$0	\$8,540,806	\$15,063,202	\$13,297,199

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$770,505)	\$216,613	\$216,613	(\$770,505)
2 Preliminary Design	(\$1,679,761)	\$327,554	\$327,554	(\$1,679,761)
3 Final Design	(\$2,163,068)	\$619,068	\$1,119,068	(\$2,663,068)
4 Implementation	\$6,665,102	\$3,077,112	\$4,143,114	\$5,599,100
5 Closeout	(\$283,695)	\$261,870	\$461,870	(\$483,695)
6 Acquisition	(\$2,071)	\$0	\$0	(\$2,071)
Total	\$1,766,002	\$4,502,217	\$6,268,219	\$0

NARRATIVES	WTC ODOR CORROSION	1038273
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Current Scope

Odor Corrosion - The Odor/Corrosion Control Program includes asset management projects that correct, mitigate or repair the effects of hydrogen sulfide damage; overhaul or replace failed odor/corrosion control equipment or odor/corrosion control equipment that has reached the end of its useful life; improve safety, reliability, efficiency or increase redundancy related to odor/corrosion control systems; and code required upgrades for odor/corrosion control equipment. This "Roll-Up Project" funds a number of odor/corrosion control sub-projects that vary in dollar value, but are typically less than \$1,000,000. The number of sub-projects fluctuates from one year to the next as projects are completed and new sub-projects are added through the engineering work request process. As a result, sub-projects contained with this project number are in various states of design, from planning to construction. In addition, this project number is used to initiate odor/corrosion control sub-projects throughout the year that develop into stand alone projects with their own unique project number.

Project Justification

To refurbish, modify, upgrade or replace miscellaneous odor and corrosion control equipment and systems; and equipment or systems damaged by H2S, or other corrosive elements.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WTC ODOR CORROSION

1038273

Budget Request Basis

The appropriation request is based on analysis of project schedule, spending, contingency, budget carryover amount and the timing of property acquisition and implementation contracting.

Project Status

Subprojects are in various phases of planning, design, implementation or closeout.

Alternatives Analysis

See individual subprojects for specific information.

Funding and Revenue Discussion

Other Agency Involvement

See individual subprojects for specific information.

Art Eligibility

No. Project is for equipment replacement and refurbishment.

Equity and Social Justice Impact

Subprojects will use WTD ESJ evaluation processes as part of project delivery. We are implementing an ESJ Assessment protocol for all projects and developed an associated Assessment table and survey that fully implements ESJ practices into capital projects. Additional information is outlined in the 2017-2018 Wastewater Treatment Division Business Plan and ESJ work plan

Strategic Climate Action Plan Alignment

Subprojects will strive for the Platinum level on their Sustainability Scorecards by considering energy efficiency, water conservation, use of sustainable materials, environmental health, community quality of life, equity and social justice. Subprojects will also maximize construction and demolition waste diversion from landfills by striving for an 80% - 85% diversion rate. These actions contribute to SCAP Green Building Goal Area targets and strategies. Applicable subprojects prepare Green Building Ordinance Scorecards and Annual Reports.

Operating Budget Impacts

See individual subprojects for specific information.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status: Approved

WTC NOAA NON PROJECT SPEC

1038294

Department	NATURAL RESOURCES AND PARKS
Council District(s)	4, 5, 8
Fund	3611 WATER QUALITY CONST-UNRES
Class Code	STANDALONE
Substantial Completion	
Location	Lower Duwamish Waterway, Denny, King
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$147,111	\$0	\$0	\$0	\$147,111
2 Preliminary Design	\$5,118	\$0	\$0	\$0	\$5,118
3 Final Design	\$10,689	\$0	\$0	\$0	\$10,689
4 Implementation 01/01/05 - 12/28/22	\$1,214,030	\$0	\$63,420	\$25,045	\$1,302,495
5 Closeout	\$28,365	\$0	\$16,809	\$17,889	\$63,063
6 Acquisition	\$33	\$0	\$0	\$0	\$33
Total Budget	\$1,405,346	\$0	\$80,229	\$42,934	\$1,528,509

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

EXPENSE WTC NOAA NON PROJECT SPEC 1038294

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$152,814	\$21,000	\$0	\$0	\$0	\$173,814
2 Prelim Design	\$6,012	\$0	\$0	\$0	\$0	\$6,012
3 Final Design	\$10,689	\$0	\$0	\$0	\$0	\$10,689
4 Implementation	\$1,093,930	\$37,035	\$7,875	\$138,914	\$25,045	\$1,302,799
5 Closeout	\$463	\$0	\$0	\$16,809	\$17,889	\$35,161
6 Acquisition	\$33	\$0	\$0	\$0	\$0	\$33
Total Expense	\$1,263,940	\$58,035	\$7,875	\$155,723	\$42,934	\$1,528,507

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$152,814	\$147,111	\$173,814
2 Preliminary Design	\$0	\$0	\$6,012	\$5,118	\$6,012
3 Final Design	\$0	\$0	\$10,689	\$10,689	\$10,689
4 Implementation	\$0	\$0	\$1,093,930	\$1,214,030	\$1,130,965
5 Closeout	\$0	\$0	\$463	\$28,365	\$463
6 Acquisition	\$0	\$0	\$33	\$33	\$33
Total	\$0	\$0	\$1,263,941	\$1,405,346	\$1,321,976

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$26,703)	\$0	\$0	(\$26,703)
2 Preliminary Design	(\$894)	\$0	\$0	(\$894)
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$83,065	\$0	\$7,875	\$75,190
5 Closeout	\$27,902	\$0	\$0	\$27,902
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$83,370	\$0	\$7,875	\$75,495

NARRATIVES

WTC NOAA NON PROJECT SPEC

1038294

Current Scope

National Oceanic and Atmospheric Administration Non-Project Specific - The Elliott Bay / Duwamish River Restoration program (EBDRP) panel convened by the National Oceanic and Atmospheric Administration meets four times per year to discuss issues related to work; reimbursement from the panel; stewardship of restoration sites under King County ownership; and monitoring of sediment remediation conducted by the County.

Project Justification

King County is a member of the panel assigned to oversee implementation of the consent decree. It also is responsible for monitoring the sediment cleanups it did for the panel.

Budget Request Basis

The appropriation request is based on analysis of project spending and budget carryover amount.

Project Status

Completion of data report for BO sampling at Denny. Completion of last data report for Diagonal/Duwamish. Continuation of EBDRP panel support including long-term stewardship contracting.

Alternatives Analysis

N/A

Funding and Revenue Discussion

Other Agency Involvement

EBDRP is an entity that consists of natural resource trustees, City and County - NOAA, FWS, WAFWS, Ecology, Muckleshoot Tribe, Suquamish Tribe and WADNR. Monitoring reports go to Ecology and WADNR.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	WTC NOAA NON PROJECT SPEC	1038294
Art Eligibility		
No. Project is for planning and monitoring work.		
Equity and Social Justice Impact		
EBDRP identified habitat, sediment cleanups and source control in the Lower Duwamish, which has communities that have been identified as having disproportionate impacts in several Determinants of Equity. That work has improved a couple determinants while having some short-term impacts on others.		
Strategic Climate Action Plan Alignment		
This project requires minimal effort to complete the remaining tasks. Monitoring does use vessel time which has been accounted for in current County emission projections. Project is for regulatory compliance so it has no Green Building components.		
Operating Budget Impacts		
None		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status: Approved

WTC BIOSOLIDS EQUIPMENT

1038295

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3611 WATER QUALITY CONST-UNRES
Class Code	STANDALONE
Substantial Completion	12/31/2017
Location	Snoqualmie Forest, Tiger Mountain State Forest, Marckworth State Forest, and Raging River forestlands
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$35,143	\$0	\$0	\$0	\$35,143
2 Preliminary Design	\$3,278	\$0	\$0	\$0	\$3,278
3 Final Design	\$7,052	\$0	\$0	\$0	\$7,052
4 Implementation 01/01/01 - 12/31/22	\$5,183,630	\$0	\$0	\$87,318	\$5,270,948
5 Closeout	\$27,740	\$0	\$0	\$25,822	\$53,562
6 Acquisition	\$1	\$0	\$0	\$0	\$1
Total Budget	\$5,256,844	\$0	\$0	\$113,140	\$5,369,984

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

EXPENSE WTC BIOSOLIDS EQUIPMENT 1038295

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$35,143	\$0	\$0	\$0	\$0	\$35,143
2 Prelim Design	\$26,608	\$0	\$0	\$0	\$0	\$26,608
3 Final Design	\$7,052	\$0	\$0	\$0	\$0	\$7,052
4 Implementation	\$4,195,865	\$220,446	\$350,363	\$192,224	\$253,513	\$5,212,411
5 Closeout	\$3	\$0	\$0	\$0	\$25,822	\$25,825
6 Acquisition	\$62,944	\$0	\$0	\$0	\$0	\$62,944
Total Expense	\$4,327,615	\$220,446	\$350,363	\$192,224	\$279,335	\$5,369,983

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$35,143	\$35,143	\$35,143
2 Preliminary Design	\$0	\$0	\$26,608	\$3,278	\$26,608
3 Final Design	\$0	\$0	\$7,052	\$7,052	\$7,052
4 Implementation	\$0	\$0	\$4,195,865	\$5,183,630	\$4,416,311
5 Closeout	\$0	\$0	\$3	\$27,740	\$3
6 Acquisition	\$0	\$0	\$62,944	\$1	\$62,944
Total	\$0	\$0	\$4,327,615	\$5,256,844	\$4,548,061

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	(\$23,330)	\$0	\$0	(\$23,330)
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$767,319	\$0	\$350,363	\$416,956
5 Closeout	\$27,737	\$0	\$0	\$27,737
6 Acquisition	(\$62,943)	\$0	\$0	(\$62,943)
Total	\$708,783	\$0	\$350,363	\$358,420

NARRATIVES

WTC BIOSOLIDS EQUIPMENT

1038295

Current Scope

Biosolids Equipment - The Biosolids Forestry Equipment project provides funding for the refurbishment and purchase of equipment for biosolids application in forestry environments. The schedule below reflects project activity that is comprised of numerous refurbishments and replacements, each of which may be in a different phase.

Project Justification

More than 25% of WTD's annual biosolids production goes to these sites. Equipment purchase/replacement and major capital repairs not covered by Fleet's revolving fund are funded by this project.

Budget Request Basis

The appropriation request is based on analysis of project spending and budget carryover amount.

Project Status

New excavator purchased. Meetings have occurred with contractor to build second spreader. PO should be issued June 2016.

Alternatives Analysis

N/A

Funding and Revenue Discussion

Other Agency Involvement

None.

Art Eligibility

No. Project is for equipment replacement.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	WTC BIOSOLIDS EQUIPMENT	1038295
Equity and Social Justice Impact		
Not applicable. Project is for equipment replacement.		
Strategic Climate Action Plan Alignment		
Section 1, Goal Area 5 (Forests and Agriculture) of the SCAP states that King County’s sustainable agriculture and forestry practices include improving soils. Specifically, “the Wastewater Treatment Division uses its soil amendment Loop biosolids on private and state-managed forests in King County to increase tree growth, store carbon in forest soils, and replace use of fossil fuel-based fertilizers.” (SCAP pg. 90) This capital project is integral to the process of applying Loop biosolids on forest land. The purchase of newer, more efficient equipment will also help satisfy the Section 1, Goal Area 1 (Transportation and Land Use) goal of lowering vehicle fuel use and associated greenhouse gas emissions. (SCAP pg. 46).		
Operating Budget Impacts		
None.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WTC E DIV SCNDRY TANK COATING

1038314

Department	NATURAL RESOURCES AND PARKS
Council District(s)	5
Fund	3611 WATER QUALITY CONST-UNRES
Class Code	STANDALONE
Substantial Completion	10/31/2021
Location	South Treatment Plant
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/01/99 - 03/01/99	\$7,991	\$0	\$0	\$0	\$7,991
2 Preliminary Design 03/01/99 - 06/01/99	\$13,967	\$0	\$0	\$0	\$13,967
3 Final Design 06/01/99 - 12/01/99	\$117,013	\$0	\$0	\$0	\$117,013
4 Implementation 01/01/00 - 04/29/22	\$4,804,175	\$0	\$0	\$210,980	\$5,015,155
5 Closeout 01/31/07 - 12/31/22	\$78,763	\$0	\$0	\$15,139	\$93,902
6 Acquisition	\$1	\$0	\$0	\$0	\$1
Total Budget	\$5,021,910	\$0	\$0	\$226,119	\$5,248,029

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

EXPENSE WTC E DIV SCNDRY TANK COATING 1038314

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$7,991	\$0	\$0	\$0	\$0	\$7,991
2 Prelim Design	\$13,967	\$0	\$0	\$0	\$0	\$13,967
3 Final Design	\$126,162	\$0	\$0	\$0	\$0	\$126,162
4 Implementation	\$3,144,416	\$0	\$0	\$790,538	\$1,114,520	\$5,049,474
5 Closeout	\$5,638	\$0	\$0	\$1,003	\$43,793	\$50,434
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$3,298,174	\$0	\$0	\$791,541	\$1,158,313	\$5,248,028

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$7,991	\$7,991	\$7,991
2 Preliminary Design	\$0	\$0	\$13,967	\$13,967	\$13,967
3 Final Design	\$0	\$0	\$126,162	\$117,013	\$126,162
4 Implementation	\$0	\$0	\$3,144,416	\$4,804,175	\$3,144,416
5 Closeout	\$0	\$0	\$5,638	\$78,763	\$5,638
6 Acquisition	\$0	\$0	\$0	\$1	\$0
Total	\$0	\$0	\$3,298,174	\$5,021,910	\$3,298,174

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	(\$9,149)	\$0	\$0	(\$9,149)
4 Implementation	\$1,659,759	\$0	\$0	\$1,659,759
5 Closeout	\$73,125	\$0	\$0	\$73,125
6 Acquisition	\$1	\$0	\$0	\$1
Total	\$1,723,736	\$0	\$0	\$1,723,736

NARRATIVES

WTC E DIV SCNDRY TANK COATING

1038314

Current Scope

East Division Secondary Tank Coating - This project addresses corrosion damage in the secondary sedimentation tanks at South Treatment Plant. These tanks were constructed between 1963-2000. They are subjected to acids, chemicals, and abrasion; and have considerable corrosion at the metal equipment and piping. This project will repair and re-coat corroded metal in four tanks each year. Work will be performed during summer months to minimize disruption of operations. Tanks are prepared by abrasive blasting and then a high solids epoxy coating is applied. The sweeper arms will be removed by Maintenance and taken off-site for galvanizing. These repairs will extend the service life of the metal in these tanks by 10 years. The repair and re-coating of metal components in twenty tanks have been completed, four remain to be completed.

Project Justification

Repairs to the tanks when corrosion is present is highly cost effective and will eliminate potential downtime for future more extensive repairs or replacement.

Budget Request Basis

Budget outside of 2017/2018 biennial.

Project Status

Project will remain on hold while assessing condition of coating.

Alternatives Analysis

This project had a single alternative, which was to repair and re-coat the existing assets.

Funding and Revenue Discussion

Other Agency Involvement

None.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	WTC E DIV SCNDRY TANK COATING	1038314
Art Eligibility		
No. Project is for equipment rehabilitation and refurbishment.		
Equity and Social Justice Impact		
N/A. Inside of existing plant boundaries. No odor or transportation impact.		
Strategic Climate Action Plan Alignment		
Will review when project restarts.		
Operating Budget Impacts		
None.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WTC ELECTRICAL I AND C

1038335

Master Project

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3611 WATER QUALITY CONST-UNRES
Class Code	WTC ELECTRICAL I AND C
Substantial Completion	
Location	Projects are located throughout the Wastewater Treatment Division's facilities.
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/01/01 - 12/31/22	\$1,760,287	\$412,471	\$628,893	\$540,000	\$3,341,651
2 Preliminary Design 01/01/01 - 12/31/22	\$3,153,142	\$658,744	\$952,379	\$810,000	\$5,574,265
3 Final Design 01/01/01 - 12/31/22	\$4,504,021	\$1,484,446	\$1,932,874	\$1,620,000	\$9,541,341
4 Implementation 01/01/01 - 12/31/22	\$21,213,156	\$5,183,404	\$2,681,939	\$1,620,000	\$30,698,499
5 Closeout 01/01/01 - 12/31/22	\$1,265,659	\$766,386	\$1,003,915	\$810,000	\$3,845,960
6 Acquisition	\$590,087	\$0	\$0	\$0	\$590,087
Total Budget	\$32,486,353	\$8,505,451	\$7,200,000	\$5,400,000	\$53,591,804

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39199 - DEBT PROCEEDS TRANSFER	\$8,505,451	\$0	\$0	\$8,505,451
Total Revenue	\$8,505,451	\$0	\$0	\$8,505,451

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		WTC ELECTRICAL I AND C				1038335
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$1,193,032	\$174,972	\$412,471	\$628,893	\$540,000	\$2,949,368
2 Prelim Design	\$2,824,687	\$458,813	\$658,744	\$952,379	\$810,000	\$5,704,623
3 Final Design	\$4,118,361	\$1,057,850	\$1,484,446	\$1,932,874	\$1,620,000	\$10,213,531
4 Implementation	\$16,305,678	\$5,742,616	\$5,416,550	\$2,681,939	\$1,620,000	\$31,766,783
5 Closeout	\$61,441	\$315,757	\$766,386	\$1,003,915	\$810,000	\$2,957,499
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$24,503,199	\$7,750,008	\$8,738,597	\$7,200,000	\$5,400,000	\$53,591,804

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$1,193,032	\$1,760,287	\$1,368,004
2 Preliminary Design	\$0	\$0	\$2,824,687	\$3,153,142	\$3,283,500
3 Final Design	\$0	\$0	\$4,118,361	\$4,504,021	\$5,176,211
4 Implementation	\$0	\$0	\$16,305,678	\$21,213,156	\$22,048,294
5 Closeout	\$0	\$0	\$61,441	\$1,265,659	\$377,198
6 Acquisition	\$0	\$0	\$0	\$590,087	\$0
Total	\$0	\$0	\$24,503,199	\$32,486,352	\$32,253,207

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$392,283	\$412,471	\$412,471	\$392,283
2 Preliminary Design	(\$130,358)	\$658,744	\$658,744	(\$130,358)
3 Final Design	(\$672,190)	\$1,484,446	\$1,484,446	(\$672,190)
4 Implementation	(\$835,138)	\$5,183,404	\$5,416,550	(\$1,068,284)
5 Closeout	\$888,461	\$766,386	\$766,386	\$888,461
6 Acquisition	\$590,087	\$0	\$0	\$590,087
Total	\$233,145	\$8,505,451	\$8,738,597	(\$1)

NARRATIVES WTC ELECTRICAL I AND C 1038335

Current Scope

Electrical Instrumentation and Control - The Electrical and Instrumentation and Control (I&C) Program includes asset management projects that enhance the treatment process, overhaul or replace failed electrical I&C equipment or electrical I&C equipment that has reached the end of its useful life, improve safety, reliability, efficiency or increase redundancy of the electrical I&C systems and code required upgrades for electrical I&C equipment. This "Rollup Project" funds a number of electrical and I&C subprojects that vary in dollar value, but are typically less than \$1,000,000. The number of subprojects fluctuates as projects are completed and new subprojects are added through the engineering work request process. As a result, subprojects contained within this project number are in various states of design, from planning to construction. In addition, this project number is used to initiate electrical I&C subprojects throughout the year that develop into stand alone projects with their own unique project number. Project schedule dates reflect activities of multiple subprojects.

Project Justification

To refurbish, modify, upgrade or replace miscellaneous electrical or instrumentation and control equipment and systems.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WTC ELECTRICAL I AND C

1038335

Budget Request Basis

The appropriation request is based on analysis of project schedule, spending, contingency, budget carryover amount and the timing of property acquisition and implementation contracting.

Project Status

The major projects and phases underway are VFD replacement program (implementation phase) , electrical lighting upgrades at South Plant (closeout phase) and Brightwater (implementation phase), West Point capacitor bank replacement (final design phase), West Point Administration and Maintenance building HVAC controls upgrade (final design phase) and the 63rd Ave Pump Station VFD replacement (implementation phase).

Alternatives Analysis

See individual subprojects for specific information.

Funding and Revenue Discussion

Other Agency Involvement

See individual subprojects for specific information.

Art Eligibility

No. Project is for equipment replacement and refurbishment.

Equity and Social Justice Impact

Subprojects will use WTD ESJ evaluation processes as part of project delivery. We are implementing an ESJ Assessment protocol for all projects and developed an associated Assessment table and survey that fully implements ESJ practices into capital projects. Additional information is outlined in the 2017-2018 Wastewater Treatment Division Business Plan and ESJ work plan.

Strategic Climate Action Plan Alignment

Subprojects include multiple facility energy efficiency upgrades, including a major lighting upgrade at the Brightwater Treatment Plant, and HVAC modifications for efficiency in a West Point Treatment Plant building. These actions contribute to reduced greenhouse gas emissions, and SCAP Buildings and Facilities Energy Goal Area targets and strategies through reduction of normalized energy use. Applicable subprojects prepare Green Building Ordinance Scorecards and Annual Reports.

Operating Budget Impacts

This is a rollup program and the majority of work is equipment replacement. This has a beneficial impact on plant operating budgets by reducing maintenance costs, improving electrical efficiency and standardizing equipment manufactures. The upgrading of lighting systems at South Plant and Brightwater will reduce overall ongoing energy costs and are eligible for utility energy conservation grants.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status: Approved

WTC WTD CIP CONTINGENCY FUND

1048049

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3611 WATER QUALITY CONST-UNRES
Class Code	STANDALONE
Substantial Completion	
Location	King Street Center
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$3	\$0	\$0	\$0	\$3
2 Preliminary Design	\$3	\$0	\$0	\$0	\$3
3 Final Design	\$3	\$0	\$0	\$0	\$3
4 Implementation 01/01/01 - 12/31/22	\$13,019,416	\$8,900,000	\$0	\$0	\$21,919,416
5 Closeout	\$4	\$0	\$0	\$0	\$4
6 Acquisition	\$3	\$0	\$0	\$0	\$3
Total Budget	\$13,019,432	\$8,900,000	\$0	\$0	\$21,919,432

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39199 - DEBT PROCEEDS TRANSFER	\$8,900,000	\$0	\$0	\$8,900,000
Total Revenue	\$8,900,000	\$0	\$0	\$8,900,000

EXPENSE

WTC WTD CIP CONTINGENCY FUND

1048049

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$4,117	\$0	\$0	\$0	\$0	\$4,117
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$4,117	\$0	\$0	\$0	\$0	\$4,117

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$3	\$0
2 Preliminary Design	\$0	\$0	\$0	\$3	\$0
3 Final Design	\$0	\$0	\$0	\$3	\$0
4 Implementation	\$0	\$0	\$4,117	\$13,019,416	\$4,117
5 Closeout	\$0	\$0	\$0	\$4	\$0
6 Acquisition	\$0	\$0	\$0	\$3	\$0
Total	\$0	\$0	\$4,117	\$13,019,432	\$4,117

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$3	\$0	\$0	\$3
2 Preliminary Design	\$3	\$0	\$0	\$3
3 Final Design	\$3	\$0	\$0	\$3
4 Implementation	\$13,015,299	\$8,900,000	\$0	\$21,915,299
5 Closeout	\$4	\$0	\$0	\$4
6 Acquisition	\$3	\$0	\$0	\$3
Total	\$13,015,315	\$8,900,000	\$0	\$21,915,315

NARRATIVES

WTC WTD CIP CONTINGENCY FUND

1048049

Current Scope

Wastewater Treatment Division Capital Improvement Program Contingency Fund - This project will provide contingent budget authority to be used according to the requirements established in ordinance 14122, Section 6F and hereby added as a new section to K.C.C. chapter 4.04. and revised in ordinance 17929 (November 2014).

Project Justification

This project will provide contingent budget authority to be used according to the requirements established in ordinance 14122, Section 6F and hereby added as a new section to K.C.C. chapter 4.04. and revised in ordinance 17929 (November 2014).

Budget Request Basis

The appropriation request is based on actual and remaining year anticipated contingency transfer needs to maintain the \$20 million balance as allowed by King County code.

Project Status

No change

Alternatives Analysis

N/A

Funding and Revenue Discussion

Other Agency Involvement

None.

Art Eligibility

No. Project is for funding only.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	WTC WTD CIP CONTINGENCY FUND	1048049
Equity and Social Justice Impact		
N/A. Project is for funding only.		
Strategic Climate Action Plan Alignment		
N/A. Project is for funding only.		
Operating Budget Impacts		
N/A. Project is for funding only.		


Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status: Approved

WTC CONVEYANCE H2S CORR REHAB

1048076

Master Project

Department	NATURAL RESOURCES AND PARKS	
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9	
Fund	3611 WATER QUALITY CONST-UNRES	
Class Code	WTC CONVEYANCE H2S CORR REHAB	
Substantial Completion	07/31/2019	
Location	Various WTD pipelines.	
Cap Status	Approved	

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/01/11 - 07/31/19	\$23,373	\$0	\$0	\$0	\$23,373
2 Preliminary Design 01/01/11 - 07/31/19	\$175,283	\$0	\$0	\$0	\$175,283
3 Final Design 01/01/11 - 07/31/19	\$31,402	\$240,037	\$0	\$0	\$271,439
4 Implementation 01/01/11 - 07/31/19	\$14,119,740	\$5,502,461	\$0	\$0	\$19,622,201
5 Closeout 01/01/11 - 07/31/19	\$124,241	\$59,190	\$0	\$0	\$183,431
6 Acquisition 01/01/11 - 07/31/19	\$19,541	\$76,384	\$0	\$0	\$95,925
Total Budget	\$14,493,580	\$5,878,072	\$0	\$0	\$20,371,652

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39199 - DEBT PROCEEDS TRANSFER	\$5,878,072	\$0	\$0	\$5,878,072
Total Revenue	\$5,878,072	\$0	\$0	\$5,878,072

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		WTC CONVEYANCE H2S CORR REHAB					1048076
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense	
1 Planning	\$329,265	\$0	\$0	\$0	\$0	\$329,265	
2 Prelim Design	\$1,069,206	\$0	\$0	\$0	\$0	\$1,069,206	
3 Final Design	\$943,344	\$512,424	\$240,038	\$0	\$0	\$1,695,806	
4 Implementation	\$4,263,670	\$6,888,256	\$5,145,420	\$739,252	\$0	\$17,036,598	
5 Closeout	\$12,242	\$14,895	\$59,190	\$15,123	\$0	\$101,450	
6 Acquisition	\$24,943	\$38,000	\$76,385	\$0	\$0	\$139,328	
Total Expense	\$6,642,670	\$7,453,575	\$5,521,033	\$754,375	\$0	\$20,371,653	

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$329,265	\$23,373	\$329,265
2 Preliminary Design	\$0	\$0	\$1,069,206	\$175,283	\$1,069,206
3 Final Design	\$0	\$0	\$943,344	\$31,402	\$1,455,768
4 Implementation	\$0	\$0	\$4,263,670	\$14,119,740	\$11,151,926
5 Closeout	\$0	\$0	\$12,242	\$124,241	\$27,137
6 Acquisition	\$0	\$0	\$24,943	\$19,541	\$62,943
Total	\$0	\$0	\$6,642,670	\$14,493,580	\$14,096,245

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$305,892)	\$0	\$0	(\$305,892)
2 Preliminary Design	(\$893,923)	\$0	\$0	(\$893,923)
3 Final Design	(\$1,424,366)	\$240,037	\$240,038	(\$1,424,367)
4 Implementation	\$2,967,814	\$5,502,461	\$5,145,420	\$3,324,855
5 Closeout	\$97,104	\$59,190	\$59,190	\$97,104
6 Acquisition	(\$43,402)	\$76,384	\$76,385	(\$43,403)
Total	\$397,335	\$5,878,072	\$5,521,033	\$754,374

NARRATIVES WTC CONVEYANCE H2S CORR REHAB 1048076

Current Scope

Conveyance Hydrogen Sulfide Corrosion Rehabilitation - The scope of the program is to rehabilitate conveyance pipeline damaged due to Hydrogen Sulfide corrosion. This project number is for program planning and a budget placeholder for future pipeline rehabilitation projects. No construction is being performed under this project number. Please see project numbers 1113154, 1114749, 1120695, 1122412, 1122413 and 1123983 for individual project information.

Project Justification

The Facilities Inspection group in WTD has a program to inspect WTD conveyance interceptors for condition. Based on these inspections a list of pipelines was identified and prioritized as the most severely corroded and needing rehabilitation. Hydrogen Sulfide corrosion causes structural damage to reinforced concrete pipe, which when left unabated can cause structural failure of the pipeline. This can result in emergencies such as overflows and/or sinkholes, which are costly to repair and are a public nuisance.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WTC CONVEYANCE H2S CORR REHAB

1048076

Budget Request Basis

The appropriation request is based on analysis of project schedule, spending, contingency, budget carryover amount and the timing of property acquisition and implementation contracting.

Project Status

This program currently has one project in construction and one in final design. The project in construction (1123983) will rehabilitate approximately 1,100 linear feet of 72" reinforced concrete pipe on the East Side Interceptor Section 13, located in Bellevue. The project in final design (1122412) will rehabilitate approximately 3,100 linear feet of reinforced concrete pipe in the Eastgate Interceptor located in Bellevue.

Alternatives Analysis

N/A

Funding and Revenue Discussion

Other Agency Involvement

None.

Art Eligibility

No. The projects rehabilitations underground sewer pipelines.

Equity and Social Justice Impact

Subprojects will use WTD ESJ evaluation processes as part of project delivery. We are implementing an ESJ Assessment protocol for all projects and developed an associated Assessment table and survey that fully implements ESJ practices into capital projects. Additional information is outlined in the 2017-2018 Wastewater Treatment Division Business Plan and ESJ work plan.

Strategic Climate Action Plan Alignment

Applicable subprojects prepare Green Building Ordinance Scorecards and Annual Reports. Applicable subprojects prepare Green Building Ordinance Scorecards and Annual Reports.

Operating Budget Impacts

None.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WTC ENVIR LAB ENERGY IMPROVMNT

1048077

Green Building Reporting

Department	NATURAL RESOURCES AND PARKS
Council District(s)	5
Fund	3611 WATER QUALITY CONST-UNRES
Class Code	STANDALONE
Substantial Completion	12/01/2017
Location	King County Environmental Lab, 322 West Ewing Street Seattle, WA 98119
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/01/11 - 01/11/11	\$32,734	\$0	\$0	\$0	\$32,734
2 Preliminary Design 01/11/11 - 07/29/16	\$117,048	\$0	\$0	\$0	\$117,048
3 Final Design 07/29/16 - 06/06/17	\$411,902	\$0	\$0	\$0	\$411,902
4 Implementation 06/06/17 - 04/02/18	\$3,506,208	\$1,694,239	\$0	\$0	\$5,200,447
5 Closeout 04/02/18 - 07/09/18	\$31,162	\$57,580	\$0	\$0	\$88,742
6 Acquisition	\$1	\$0	\$0	\$0	\$1
Total Budget	\$4,099,055	\$1,751,819	\$0	\$0	\$5,850,874

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39199 - DEBT PROCEEDS TRANSFER	\$1,751,819	\$0	\$0	\$1,751,819
Total Revenue	\$1,751,819	\$0	\$0	\$1,751,819

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		WTC ENVIR LAB ENERGY IMPROVMNT					1048077
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense	
1 Planning	\$28,811	\$0	\$0	\$0	\$0	\$28,811	
2 Prelim Design	\$269,163	\$185,004	\$87,178	\$0	\$0	\$541,345	
3 Final Design	\$1,169	\$225,365	\$544,829	\$0	\$0	\$771,363	
4 Implementation	\$0	\$23,320	\$4,380,064	\$0	\$0	\$4,403,384	
5 Closeout	\$0	\$0	\$105,971	\$0	\$0	\$105,971	
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0	
Total Expense	\$299,143	\$433,689	\$5,118,042	\$0	\$0	\$5,850,874	

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$28,811	\$32,734	\$28,811
2 Preliminary Design	\$0	\$0	\$269,163	\$117,048	\$454,167
3 Final Design	\$0	\$0	\$1,169	\$411,902	\$226,534
4 Implementation	\$0	\$0	\$0	\$3,506,208	\$23,320
5 Closeout	\$0	\$0	\$0	\$31,162	\$0
6 Acquisition	\$0	\$0	\$0	\$1	\$0
Total	\$0	\$0	\$299,143	\$4,099,055	\$732,832

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$3,923	\$0	\$0	\$3,923
2 Preliminary Design	(\$337,119)	\$0	\$87,178	(\$424,297)
3 Final Design	\$185,368	\$0	\$544,829	(\$359,461)
4 Implementation	\$3,482,888	\$1,694,239	\$4,380,064	\$797,063
5 Closeout	\$31,162	\$57,580	\$105,971	(\$17,229)
6 Acquisition	\$1	\$0	\$0	\$1
Total	\$3,366,223	\$1,751,819	\$5,118,042	\$0

NARRATIVES

Current Scope

Environmental Lab Energy Improvement - This project will replace aging fume hoods with new, more efficient hoods at the King County Environmental Lab.

Project Justification

The existing fume hoods have been in service since 1985 and are reaching the end of their useful lives. King County will replace or retrofit inefficient equipment with energy-efficient models to achieve energy savings and help meet the County's energy goals. Operational fume hoods are necessary for employees to perform their sample testing work safely.

Budget Request Basis

The appropriation request is based on analysis of project schedule, spending, contingency, budget carryover amount and the timing of property acquisition and implementation contracting.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WTC ENVIR LAB ENERGY IMPROVMNT

1048077

Project Status

Continuing work on project management and preliminary design activities

Alternatives Analysis

The following alternatives were identified: Alternative 1, Replace 15 fume hoods with auxiliary air fume hoods operating with a face velocity of 100 fpm. Alternative 2, Replace 15 fume hoods with high performance fume hoods operating at 70 fpm. Alternative 3, Replace 15 fume hoods with variable air volume hoods. Alternatives 2 and 3 were eliminated because they will not provide a beneficial payback due to the much higher capital cost. The amount of energy savings were not significant and they have substantial impacts on construction duration which are not feasible for the operations at the lab. Alternative 1 was analyzed further in Options 1A - 1D: Option 1A: Replace Fume Hoods and Exhaust Fans 100 fpm at Trace Organics and Conventionals; Option 1B: Replace Fume Hoods and add Exhaust Manifold 100 fpm at Trace Organics and Conventionals; Option 1C: Replace Fume Hoods and Exhaust Fans 80 fpm at Trace Organics and Conventionals; and Option 1D: Replace Fume Hoods and add Exhaust Manifold 80 fpm at Trace Organics and Conventionals. Recommended Alternative chosen was Option 1D: Replace 15 Fume Hoods primarily in Trace Organics and Conventionals with auxiliary air fume hoods operating with a face velocity of 80 fpm. This option combines the fume hood exhaust from Trace Organics and Conventionals so exhaust routes through primary \backup exhaust fan for each area.

Funding and Revenue Discussion

Other Agency Involvement

Water and Land Resources Division and the WTD Director's Office

Art Eligibility

No. Equipment replacement only project.

Equity and Social Justice Impact

N/A Project is inside an existing building.

Strategic Climate Action Plan Alignment

Energy savings is a key criteria in alternative selection which will contribute to SCAP Energy Area targets and strategies. As an energy only project, no GBO Scorecard is required but Annual Reports will be submitted. .

Operating Budget Impacts

Energy saving are expected to be realized.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WTC ROOF REPL WTD FACILITIES

1048079

Master Project

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3611 WATER QUALITY CONST-UNRES
Class Code	WTC ROOF REPL WTD FACILITIES
Substantial Completion	12/31/2018
Location	Countywide
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$52,404	\$0	\$0	\$0	\$52,404
2 Preliminary Design	\$75,968	\$0	\$0	\$0	\$75,968
3 Final Design	\$305,895	\$0	\$0	\$0	\$305,895
4 Implementation 01/03/11 - 12/31/17	\$2,242,304	\$1,753,490	\$0	\$0	\$3,995,794
5 Closeout	\$51,031	\$61,470	\$0	\$0	\$112,501
6 Acquisition	\$3	\$0	\$0	\$0	\$3
Total Budget	\$2,727,605	\$1,814,960	\$0	\$0	\$4,542,565

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39199 - DEBT PROCEEDS TRANSFER	\$1,814,960	\$0	\$0	\$1,814,960
Total Revenue	\$1,814,960	\$0	\$0	\$1,814,960

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		WTC ROOF REPL WTD FACILITIES					1048079
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense	
1 Planning	\$40,654	\$1,159	\$0	\$0	\$0	\$41,813	
2 Prelim Design	\$210,945	\$16,651	\$51,729	\$0	\$0	\$279,325	
3 Final Design	\$134,326	\$228,973	\$87,198	\$0	\$0	\$450,497	
4 Implementation	\$1,028,833	\$797,247	\$1,823,951	\$0	\$0	\$3,650,031	
5 Closeout	\$13,719	\$50,810	\$56,371	\$0	\$0	\$120,900	
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0	
Total Expense	\$1,428,477	\$1,094,840	\$2,019,249	\$0	\$0	\$4,542,566	

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$40,654	\$52,404	\$41,813
2 Preliminary Design	\$0	\$0	\$210,945	\$75,968	\$227,596
3 Final Design	\$0	\$0	\$134,326	\$305,895	\$363,299
4 Implementation	\$0	\$0	\$1,028,833	\$2,242,304	\$1,826,080
5 Closeout	\$0	\$0	\$13,719	\$51,031	\$64,529
6 Acquisition	\$0	\$0	\$0	\$3	\$0
Total	\$0	\$0	\$1,428,477	\$2,727,605	\$2,523,317

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$10,591	\$0	\$0	\$10,591
2 Preliminary Design	(\$151,628)	\$0	\$51,729	(\$203,357)
3 Final Design	(\$57,404)	\$0	\$87,198	(\$144,602)
4 Implementation	\$416,223	\$1,753,490	\$1,823,951	\$345,762
5 Closeout	(\$13,498)	\$61,470	\$56,371	(\$8,399)
6 Acquisition	\$3	\$0	\$0	\$3
Total	\$204,287	\$1,814,960	\$2,019,249	(\$2)

NARRATIVES WTC ROOF REPL WTD FACILITIES 1048079

Current Scope

Roof Replacements at Wastewater Treatment Division Facilities - Replace roofs on existing facilities as outlined each year in the Roof Inspection Annual Plan. This project is a Program made up of numerous individual subprojects See individual subprojects for specific details and information regarding scope, schedule and budget.

Project Justification

WTD owns numerous facilities and each year certain roofs exceed their useful life and require replacement. Failure to replace roofs when needed jeopardizes both the structures and equipment contained in the buildings.

Budget Request Basis

The appropriation request is based on analysis of project schedule, spending, contingency, budget carryover amount and the timing of property acquisition and implementation contracting.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	WTC ROOF REPL WTD FACILITIES	1048079
Project Status		
The project work is proceeding as planned.		
Alternatives Analysis		
Each roof replacement project conducts an alternatives analysis to determine the most appropriate roof replacement system and pursues that alternative.		
Funding and Revenue Discussion		
Other Agency Involvement		
Sometimes building permits are required from local jurisdictions, depending on where the individual roofs are located.		
Art Eligibility		
No. Project is for asset refurbishment and replacement.		
Equity and Social Justice Impact		
N/A. Project is for repair of existing structures.		
Strategic Climate Action Plan Alignment		
Applicable subprojects prepare Green Building Ordinance Scorecards and Annual Reports.		
Operating Budget Impacts		
None.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WTC PROCESS REPLACEMENT IMPROV

1113189

Master Project

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3611 WATER QUALITY CONST-UNRES
Class Code	WTC PROCESS REPLACEMENT IMPROV
Substantial Completion	
Location	Projects are located throughout the Wastewater Treatment Division's facilities.
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/01/01 - 12/31/22	\$1,478,477	\$403,187	\$660,518	\$476,895	\$3,019,077
2 Preliminary Design 01/01/01 - 12/31/22	\$2,417,010	\$604,779	\$990,777	\$715,343	\$4,727,909
3 Final Design 01/01/01 - 12/31/22	\$5,901,248	\$1,570,362	\$1,981,554	\$1,430,686	\$10,883,850
4 Implementation 01/01/01 - 12/31/22	\$22,528,826	\$7,748,267	\$2,576,374	\$1,928,321	\$34,781,788
5 Closeout 01/01/01 - 12/31/22	\$1,734,962	\$792,861	\$990,777	\$848,754	\$4,367,354
6 Acquisition	\$268	\$0	\$0	\$0	\$268
Total Budget	\$34,060,792	\$11,119,456	\$7,200,000	\$5,399,999	\$57,780,247

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39199 - DEBT PROCEEDS TRANSFER	\$11,119,456	\$0	\$0	\$11,119,456
Total Revenue	\$11,119,456	\$0	\$0	\$11,119,456

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		WTC PROCESS REPLACEMENT IMPROV					1113189
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense	
1 Planning	\$1,338,924	\$135,905	\$403,187	\$660,518	\$476,895	\$3,015,429	
2 Prelim Design	\$4,259,263	\$498,117	\$604,779	\$990,777	\$715,343	\$7,068,279	
3 Final Design	\$5,638,256	\$2,048,493	\$1,570,362	\$1,981,554	\$1,430,686	\$12,669,351	
4 Implementation	\$16,038,079	\$4,762,614	\$7,748,267	\$2,576,374	\$1,928,321	\$33,053,655	
5 Closeout	\$59,791	\$279,871	\$792,861	\$990,777	\$848,754	\$2,972,054	
6 Acquisition	\$247	\$0	\$0	\$0	\$0	\$247	
Total Expense	\$27,334,559	\$7,725,000	\$11,119,456	\$7,200,000	\$5,399,999	\$58,779,014	

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$1,338,924	\$1,478,477	\$1,474,829
2 Preliminary Design	\$0	\$0	\$4,259,263	\$2,417,010	\$4,757,380
3 Final Design	\$0	\$0	\$5,638,256	\$5,901,248	\$7,686,749
4 Implementation	\$0	\$0	\$16,038,079	\$22,528,826	\$20,800,693
5 Closeout	\$0	\$0	\$59,791	\$1,734,962	\$339,662
6 Acquisition	\$0	\$0	\$247	\$268	\$247
Total	\$0	\$0	\$27,334,560	\$34,060,791	\$35,059,560

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$3,649	\$403,187	\$403,187	\$3,649
2 Preliminary Design	(\$2,340,369)	\$604,779	\$604,779	(\$2,340,369)
3 Final Design	(\$1,785,501)	\$1,570,362	\$1,570,362	(\$1,785,501)
4 Implementation	\$1,728,133	\$7,748,267	\$7,748,267	\$1,728,133
5 Closeout	\$1,395,300	\$792,861	\$792,861	\$1,395,300
6 Acquisition	\$21	\$0	\$0	\$21
Total	(\$998,767)	\$11,119,456	\$11,119,456	(\$998,767)

NARRATIVES	WTC PROCESS REPLACEMENT IMPROV	1113189
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Current Scope

Process Replacement Improvement - The Process Replacement /Improvement projects in this asset management project are designed to enhance or improve the treatment process by adding redundancy, improving safety, or enhancing maintenance practices. This "Roll-Up Project" funds a number of process replacement and improvement sub-projects that vary in dollar value, but are typically less than \$1,000,000. The number of sub-projects fluctuates as projects are completed and new sub-projects are added through the engineering work request process. As a result, sub-projects contained within this project number are in various states of design, from planning to construction. In addition, this project number is used to initiate process replacement and improvement sub-projects throughout the year that develop into stand alone projects with their own unique project number. Project schedule dates reflect activities of multiple sub-projects.

Project Justification

These replacements, enhancements, and improvements to the treatment process are necessary to ensure the proper, adequate, and efficient treatment of wastewater.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	WTC PROCESS REPLACEMENT IMPROV	1113189
Budget Request Basis		
The appropriation request is based on analysis of project schedule, spending, contingency, budget carryover amount and the timing of property acquisition and implementation contracting.		
Project Status		
Subprojects are in various phases of planning, design, implementation or closeout.		
Alternatives Analysis		
See individual subprojects for specific information.		
Funding and Revenue Discussion		
Other Agency Involvement		
See individual subprojects for specific information.		
Art Eligibility		
No. Project is for equipment refurbishment and replacement.		
Equity and Social Justice Impact		
Subprojects will use WTD ESJ evaluation processes as part of project delivery. We are implementing an ESJ Assessment protocol for all projects and developed an associated Assessment table and survey that fully implements ESJ practices into capital projects. Additional information is outlined in the 2017-2018 Wastewater Treatment Division Business Plan and ESJ work plan.		
Strategic Climate Action Plan Alignment		
Subprojects include facility energy efficiency upgrades, including a major process improvement at the South Treatment Plant that will result in significant energy savings, and an effort to install improved energy monitoring in WTD facilities. These actions contribute to reduced greenhouse gas emissions, and SCAP Buildings and Facilities Energy Goal Area targets and strategies. Applicable subprojects prepare Green Building Ordinance Scorecards and Annual Reports.		
Operating Budget Impacts		
See individual subprojects for specific information.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WTC MECHANICAL UPGRADE AND REP

1113196

Master Project

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3611 WATER QUALITY CONST-UNRES
Class Code	WTC MECHANICAL UPGRADE AND REP
Substantial Completion	
Location	Projects are located throughout the Wastewater Treatment Division's facilities.
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/01/02 - 12/31/22	\$1,136,040	\$307,984	\$601,522	\$526,590	\$2,572,136
2 Preliminary Design 01/01/02 - 12/31/22	\$3,030,744	\$473,669	\$902,282	\$789,885	\$5,196,580
3 Final Design 01/01/02 - 12/31/22	\$7,446,858	\$1,155,841	\$1,804,565	\$1,579,771	\$11,987,035
4 Implementation 01/01/02 - 12/31/22	\$21,770,028	\$5,014,054	\$2,111,396	\$1,713,868	\$30,609,346
5 Closeout	\$1,675,788	\$598,025	\$914,687	\$789,885	\$3,978,385
6 Acquisition	\$24,606	\$0	\$0	\$0	\$24,606
Total Budget	\$35,084,064	\$7,549,573	\$6,334,452	\$5,399,999	\$54,368,088

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39199 - DEBT PROCEEDS TRANSFER	\$7,549,573	\$0	\$0	\$7,549,573
Total Revenue	\$7,549,573	\$0	\$0	\$7,549,573

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		WTC MECHANICAL UPGRADE AND REP					1113196
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense	
1 Planning	\$954,409	\$133,370	\$307,984	\$601,522	\$526,590	\$2,523,875	
2 Prelim Design	\$2,386,776	\$390,791	\$473,669	\$902,282	\$789,885	\$4,943,403	
3 Final Design	\$3,941,809	\$933,168	\$1,155,841	\$1,804,565	\$1,579,771	\$9,415,154	
4 Implementation	\$20,705,451	\$5,655,581	\$5,014,054	\$2,111,396	\$1,713,868	\$35,200,350	
5 Closeout	\$66,018	\$387,091	\$598,025	\$914,687	\$789,885	\$2,755,706	
6 Acquisition	\$12,292	\$0	\$0	\$0	\$0	\$12,292	
Total Expense	\$28,066,755	\$7,500,001	\$7,549,573	\$6,334,452	\$5,399,999	\$54,850,780	

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$954,409	\$1,136,040	\$1,087,779
2 Preliminary Design	\$0	\$0	\$2,386,776	\$3,030,744	\$2,777,567
3 Final Design	\$0	\$0	\$3,941,809	\$7,446,858	\$4,874,977
4 Implementation	\$0	\$0	\$20,705,451	\$21,770,028	\$26,361,032
5 Closeout	\$0	\$0	\$66,018	\$1,675,788	\$453,109
6 Acquisition	\$0	\$0	\$12,292	\$24,606	\$12,292
Total	\$0	\$0	\$28,066,755	\$35,084,064	\$35,566,756

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$48,261	\$307,984	\$307,984	\$48,261
2 Preliminary Design	\$253,177	\$473,669	\$473,669	\$253,177
3 Final Design	\$2,571,881	\$1,155,841	\$1,155,841	\$2,571,881
4 Implementation	(\$4,591,004)	\$5,014,054	\$5,014,054	(\$4,591,004)
5 Closeout	\$1,222,679	\$598,025	\$598,025	\$1,222,679
6 Acquisition	\$12,314	\$0	\$0	\$12,314
Total	(\$482,692)	\$7,549,573	\$7,549,573	(\$482,692)

NARRATIVES	WTC MECHANICAL UPGRADE AND REP	1113196
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Current Scope

Mechanical Upgrade and Replacement - These projects replace or upgrade mechanical systems at wastewater facilities that have served their useful life such as piping, hydraulic systems, and heating and ventilation systems. Mechanical projects are also implemented to improve efficiency, provide safety for operators, and to meet current codes. This "Roll-Up Project" funds a number of mechanical upgrade and replacement sub-projects that vary in dollar value, but are typically less than \$1,000,000. The number of sub-projects fluctuates as projects are completed and new sub-projects are added through the engineering work request process. As a result, sub-projects contained within this project number are in various states of design, from planning to construction. In addition, this project number is used to initiate mechanical upgrade and replacement sub-projects throughout the year that develop into stand alone projects with their own project number. Project schedule dates reflect activities of multiple sub-projects.

Project Justification

Refurbish, modify, upgrade or replace mechanical equipment.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	WTC MECHANICAL UPGRADE AND REP	1113196
Budget Request Basis		
The appropriation request is based on analysis of project schedule, spending, contingency, budget carryover amount and the timing of property acquisition and implementation contracting.		
Project Status		
Subprojects are in various phases of planning, design, implementation or closeout.		
Alternatives Analysis		
See individual subprojects for specific information.		
Funding and Revenue Discussion		
Other Agency Involvement		
See individual subprojects for specific information.		
Art Eligibility		
No. Project is for equipment replacement and refurbishment.		
Equity and Social Justice Impact		
Subprojects will use WTD ESJ evaluation processes as part of project delivery. We are implementing an ESJ Assessment protocol for all projects and developed an associated Assessment table and survey that fully implements ESJ practices into capital projects. Additional information is outlined in the 2017-2018 Wastewater Treatment Division Business Plan and ESJ work plan.		
Strategic Climate Action Plan Alignment		
Subprojects will strive for the Platinum level on their Sustainability Scorecards by considering energy efficiency, water conservation, use of sustainable materials, environmental health, community quality of life, equity and social justice. Subprojects will also maximize construction and demolition waste diversion from landfills by striving for an 80% - 85% diversion rate. These actions contribute to SCAP Green Building Goal Area targets and strategies. Applicable subprojects prepare Green Building Ordinance Scorecards and Annual Reports.		
Operating Budget Impacts		
See individual subprojects for specific information.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WTC PIPELINE REPLACEMENT

1113247

Master Project

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3611 WATER QUALITY CONST-UNRES
Class Code	WTC PIPELINE REPLACEMENT
Substantial Completion	
Location	Projects are located throughout the Wastewater Treatment Division's facilities.
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/01/01 - 12/31/22	\$2,298,927	\$0	\$590,873	\$543,702	\$3,433,502
2 Preliminary Design 01/01/01 - 12/31/22	\$3,402,825	\$0	\$886,310	\$815,552	\$5,104,687
3 Final Design 01/01/01 - 12/31/22	\$6,534,332	\$0	\$1,772,618	\$1,631,105	\$9,938,055
4 Implementation 01/01/01 - 12/31/22	\$14,913,816	\$721,639	\$1,953,600	\$1,670,870	\$19,259,925
5 Closeout 01/01/01 - 12/31/22	\$1,865,925	\$0	\$896,598	\$843,956	\$3,606,479
6 Acquisition	\$214,965	\$0	\$0	\$0	\$214,965
Total Budget	\$29,230,790	\$721,639	\$6,099,999	\$5,505,185	\$41,557,613

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39199 - DEBT PROCEEDS TRANSFER	\$721,639	\$0	\$0	\$721,639
Total Revenue	\$721,639	\$0	\$0	\$721,639

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		WTC PIPELINE REPLACEMENT					1113247
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense	
1 Planning	\$1,775,965	\$208,831	\$317,930	\$590,873	\$543,702	\$3,437,301	
2 Prelim Design	\$2,676,284	\$422,635	\$476,896	\$886,310	\$815,552	\$5,277,677	
3 Final Design	\$3,168,965	\$818,674	\$1,086,147	\$1,772,618	\$1,631,105	\$8,477,509	
4 Implementation	\$12,316,394	\$1,166,915	\$3,882,767	\$1,953,600	\$1,670,870	\$20,990,546	
5 Closeout	\$596,547	\$319,904	\$507,936	\$896,598	\$843,956	\$3,164,941	
6 Acquisition	\$200,530	\$0	\$0	\$0	\$0	\$200,530	
Total Expense	\$20,734,686	\$2,936,959	\$6,271,676	\$6,099,999	\$5,505,185	\$41,548,505	

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$1,775,965	\$2,298,927	\$1,984,796
2 Preliminary Design	\$0	\$0	\$2,676,284	\$3,402,825	\$3,098,919
3 Final Design	\$0	\$0	\$3,168,965	\$6,534,332	\$3,987,639
4 Implementation	\$0	\$0	\$12,316,394	\$14,913,816	\$13,483,309
5 Closeout	\$0	\$0	\$596,547	\$1,865,925	\$916,451
6 Acquisition	\$0	\$0	\$200,530	\$214,965	\$200,530
Total	\$0	\$0	\$20,734,685	\$29,230,790	\$23,671,644

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$314,131	\$0	\$317,930	(\$3,799)
2 Preliminary Design	\$303,906	\$0	\$476,896	(\$172,990)
3 Final Design	\$2,546,693	\$0	\$1,086,147	\$1,460,546
4 Implementation	\$1,430,507	\$721,639	\$3,882,767	(\$1,730,621)
5 Closeout	\$949,474	\$0	\$507,936	\$441,538
6 Acquisition	\$14,435	\$0	\$0	\$14,435
Total	\$5,559,146	\$721,639	\$6,271,676	\$9,109

NARRATIVES	WTC PIPELINE REPLACEMENT	1113247
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Current Scope

Pipeline Replacement - The pipeline replacement projects in this asset management project are primarily treatment process support systems. This piping conveys fluids such as potable and non-potable water, sludge, gases, chemicals, and air. This "Rollup Project" funds a number of pipeline replacement subprojects that vary in dollar value, but are typically less than \$1,000,000. The number of subprojects fluctuates as projects are completed and new subprojects are added through the engineering work request process. As a result, subprojects contained within this project number are in various states of design, from planning to construction. In addition, this project number is used to initiate pipeline replacement sub-projects throughout the year that develop into stand alone projects with their own unique project number. Project schedule dates reflect activities of multiple subprojects.

Project Justification

These pipeline replacements and upgrades are necessary to ensure that existing system continue to function properly to meet the required service levels.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	WTC PIPELINE REPLACEMENT	1113247
Budget Request Basis		
The appropriation request is based on analysis of project schedule, spending, contingency, budget carryover amount and the timing of property acquisition and implementation contracting.		
Project Status		
The major projects and phases underway are the Alaska Way Tunnel Relocations (Implementation phase), Kent ULID 1/5 Pipe Settlement Investigation (Planning phase), Brightwater Influent Screenings Grinder 3 (Implementation phase), and the Brightwater Storm Drain Alternative Flow (Final Design phase).		
Alternatives Analysis		
See individual subprojects for specific information.		
Funding and Revenue Discussion		
Other Agency Involvement		
See individual subprojects for specific information.		
Art Eligibility		
No. Project is for equipment replacement and refurbishment.		
Equity and Social Justice Impact		
Subprojects will use WTD ESJ evaluation processes as part of project delivery. We are implementing an ESJ Assessment protocol for all projects and developed an associated Assessment table and survey that fully implements ESJ practices into capital projects. Additional information is outlined in the 2017-2018 Wastewater Treatment Division Business Plan and ESJ work plan.		
Strategic Climate Action Plan Alignment		
Subprojects will strive for the Platinum level on their Sustainability Scorecards by considering energy efficiency, water conservation, use of sustainable materials, environmental health, community quality of life, equity and social justice. Subprojects will also maximize construction and demolition waste diversion from landfills by striving for an 80% - 85% diversion rate. These actions contribute to SCAP Green Building Goal Area targets and strategies. Applicable subprojects prepare Green Building Ordinance Scorecards and Annual Reports.		
Operating Budget Impacts		
This is a rollup program and the majority of work is equipment (process piping) replacement. This has a beneficial impact on plant operating budgets by reducing maintenance costs, improving plant efficiency and standardizing equipment manufactures.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status: Approved

WTC COMP PLANNING REPORTING

1113334

Master Project

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3611 WATER QUALITY CONST-UNRES
Class Code	WTC COMP PLANNING REPORTING
Substantial Completion	
Location	King Street Center
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/01/00 - 12/31/30	\$11,775,401	\$1,801,948	\$629,987	\$871,328	\$15,078,664
2 Preliminary Design	\$2,153,418	\$3,951,655	\$84,176	\$0	\$6,189,249
3 Final Design	\$7,916,965	\$3,090,190	\$4,592,790	\$1,530,230	\$17,130,175
4 Implementation	\$5,463,042	\$125,003	\$253,993	\$5,289,497	\$11,131,535
5 Closeout	\$380,672	\$36,313	\$28,543	\$248,467	\$693,995
6 Acquisition	\$6	\$0	\$0	\$0	\$6
Total Budget	\$27,689,504	\$9,005,109	\$5,589,489	\$7,939,522	\$50,223,624

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39199 - DEBT PROCEEDS TRANSFER	\$9,005,109	\$0	\$0	\$9,005,109
Total Revenue	\$9,005,109	\$0	\$0	\$9,005,109

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		WTC COMP PLANNING REPORTING					1113334
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense	
1 Planning	\$17,949,350	\$3,701,065	\$1,801,948	\$629,987	\$871,328	\$24,953,678	
2 Prelim Design	\$80,421	\$2,525,415	\$4,817,378	\$84,176	\$0	\$7,507,390	
3 Final Design	\$409,623	\$437,497	\$3,090,190	\$5,592,790	\$1,530,230	\$11,060,330	
4 Implementation	\$1,277,543	(\$562,698)	\$125,003	\$253,993	\$5,289,497	\$6,383,338	
5 Closeout	\$5,564	\$0	\$36,313	\$28,543	\$248,467	\$318,887	
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0	
Total Expense	\$19,722,502	\$6,101,279	\$9,870,832	\$6,589,489	\$7,939,522	\$50,223,624	

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$17,949,350	\$11,775,401	\$21,650,415
2 Preliminary Design	\$0	\$0	\$80,421	\$2,153,418	\$2,605,836
3 Final Design	\$0	\$0	\$409,623	\$7,916,965	\$847,120
4 Implementation	\$0	\$0	\$1,277,543	\$5,463,042	\$714,845
5 Closeout	\$0	\$0	\$5,564	\$380,672	\$5,564
6 Acquisition	\$0	\$0	\$0	\$6	\$0
Total	\$0	\$0	\$19,722,501	\$27,689,504	\$25,823,780

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$9,875,014)	\$1,801,948	\$1,801,948	(\$9,875,014)
2 Preliminary Design	(\$452,418)	\$3,951,655	\$4,817,378	(\$1,318,141)
3 Final Design	\$7,069,845	\$3,090,190	\$3,090,190	\$7,069,845
4 Implementation	\$4,748,197	\$125,003	\$125,003	\$4,748,197
5 Closeout	\$375,108	\$36,313	\$36,313	\$375,108
6 Acquisition	\$6	\$0	\$0	\$6
Total	\$1,865,724	\$9,005,109	\$9,870,832	\$1,000,001

NARRATIVES	WTC COMP PLANNING REPORTING	1113334
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Current Scope

Comprehensive Planning Reporting - This project funds and staffs the Wastewater Treatment Division's (WTD) comprehensive planning functions. The planning functions are on-going planning and reporting for combined sewer overflow control, monitoring, and update of the Regional Wastewater Services Plan (RWSP). This project also supports WTD planning for climate change and supports policy development and planning level coordination for WTD. The project tracks on-going coordination with Seattle Public Utilities (SPU), and budgets in the reimbursements from SPU for work WTD performs for SPU's benefit. Any new initiatives or capital planning efforts are scoped under this project as well.

Project Justification

WTD's comprehensive planning functions are required by the King County Council and Ordinance 13680 as amended and codified in King County Code Chapter 28.86. Additional planning functions are required in the National Pollution Discharge Elimination System (NPDES) Permits for municipal treatment plants, consent decrees, and King County Executive Policy.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	WTC COMP PLANNING REPORTING	1113334
Budget Request Basis		
The appropriation request is based on analysis of project spending and budget carryover amount.		
Project Status		
The 2018 CSO Long-term Control Plan kicked off in 2016. The Expert Review Panel has completed its review of the Georgetown project. The North Beach and South Magnolia CSO Control Project met their consent decree milestones.		
Alternatives Analysis		
N/A		
Funding and Revenue Discussion		
Other Agency Involvement		
A number of the subprojects deal with Comprehensive Planning work that includes all 34 component agencies as stakeholders in the work being done. Frequent briefings with the Metropolitan Water Pollution Abatement Advisory Committee and Regional Water Quality Committee occur under this project.		
Art Eligibility		
No. This project is for comprehensive planning and reporting as required by county code.		
Equity and Social Justice Impact		
N/A. Project is for report development.		
Strategic Climate Action Plan Alignment		
The Climate Change subproject is working on assessing impacts of sea level rise, urban flooding, heat island effects, extreme precipitation and greenhouse gas emissions.		
Operating Budget Impacts		
No direct operation budget impacts. Portions of this project provide budget for operations staff involvement in planning work. Comprehensive plans will identify new projects for future capital budgets as well.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status: Approved

WTC LAB ASSET MGMT PROGRAM

1113351

Department	NATURAL RESOURCES AND PARKS
Council District(s)	4
Fund	3611 WATER QUALITY CONST-UNRES
Class Code	STANDALONE
Substantial Completion	
Location	Environmental Lab
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$63,461	\$0	\$0	\$0	\$63,461
2 Preliminary Design	\$3,028	\$0	\$0	\$0	\$3,028
3 Final Design	\$43,383	\$0	\$0	\$0	\$43,383
4 Implementation 01/01/05 - 12/31/22	\$13,548,667	\$596,747	\$1,290,815	\$2,190,358	\$17,626,587
5 Closeout	\$65	\$0	\$0	\$0	\$65
6 Acquisition	\$1	\$0	\$0	\$0	\$1
Total Budget	\$13,658,605	\$596,747	\$1,290,815	\$2,190,358	\$17,736,525

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39199 - DEBT PROCEEDS TRANSFER	\$596,747	\$0	\$0	\$596,747
Total Revenue	\$596,747	\$0	\$0	\$596,747

EXPENSE WTC LAB ASSET MGMT PROGRAM 1113351

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$307,941	\$0	\$0	\$0	\$0	\$307,941
2 Prelim Design	\$60,712	\$0	\$0	\$0	\$0	\$60,712
3 Final Design	\$190,789	\$0	\$0	\$0	\$0	\$190,789
4 Implementation	\$10,786,163	\$1,021,964	\$1,396,747	\$1,776,976	\$2,190,358	\$17,172,208
5 Closeout	\$4,876	\$0	\$0	\$0	\$0	\$4,876
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$11,350,480	\$1,021,964	\$1,396,747	\$1,776,976	\$2,190,358	\$17,736,525

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$307,941	\$63,461	\$307,941
2 Preliminary Design	\$0	\$0	\$60,712	\$3,028	\$60,712
3 Final Design	\$0	\$0	\$190,789	\$43,383	\$190,789
4 Implementation	\$0	\$0	\$10,786,163	\$13,548,667	\$11,808,127
5 Closeout	\$0	\$0	\$4,876	\$65	\$4,876
6 Acquisition	\$0	\$0	\$0	\$1	\$0
Total	\$0	\$0	\$11,350,481	\$13,658,605	\$12,372,445

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$244,480)	\$0	\$0	(\$244,480)
2 Preliminary Design	(\$57,684)	\$0	\$0	(\$57,684)
3 Final Design	(\$147,406)	\$0	\$0	(\$147,406)
4 Implementation	\$1,740,540	\$596,747	\$1,396,747	\$940,540
5 Closeout	(\$4,811)	\$0	\$0	(\$4,811)
6 Acquisition	\$1	\$0	\$0	\$1
Total	\$1,286,160	\$596,747	\$1,396,747	\$486,160

NARRATIVES

WTC LAB ASSET MGMT PROGRAM

1113351

Current Scope

Lab Asset Management Program - This project includes the refurbishment or replacement of the capital assets of the Environmental Laboratory. Large building components, such as roofs and sidewalks, are not included. The schedule below reflects project activity that is comprised of numerous refurbishments and replacements, each of which may be in a different phase.

Project Justification

Replace and maintain lab equipment including some building systems. In determining a replacement date for laboratory equipment and instrumentation, several factors are taken into consideration: when repair costs exceed replacement costs; whether changes in regulatory requirements stipulate more stringent standards such as lower detection limits; and whether availability of repair service and replacement parts has become more limited as technologies become less utilized by the industry. The Lab CAMP is supported by an asset database. The Lab's ability to collect and analyze samples and generate quality data for DNRP programs is reliant upon equipment that is operating properly. This budget also supports the maintenance of building systems required for employee safety.

Budget Request Basis

The appropriation request is based on analysis of project spending and budget carryover amount.

Project Status

Continuing equipment replacement activities.

Alternatives Analysis

Each year the Environmental Lab reviews it's CAMP to identify which equipment needs to be replaced or new equipment that needs to be purchased.

Funding and Revenue Discussion

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	WTC LAB ASSET MGMT PROGRAM	1113351
Other Agency Involvement		
The Environmental Lab works with Executive Service Procurement for the issuance of RFPs, Waiver processes and other procurement activities.		
Art Eligibility		
No. Replacement of equipment.		
Equity and Social Justice Impact		
N/A Replacement of equipment.		
Strategic Climate Action Plan Alignment		
N/A Replacement of equipment.		
Operating Budget Impacts		
N/A		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WTC SP RPLS RS PMPS MTRS DRVS

1114367

Baseline Required, Green Building Reporting

Department	NATURAL RESOURCES AND PARKS
Council District(s)	2, 5
Fund	3611 WATER QUALITY CONST-UNRES
Class Code	STANDALONE
Substantial Completion	03/30/2017
Location	South Treatment Plant
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/02/12 - 03/05/12	\$368,266	\$0	\$0	\$0	\$368,266
2 Preliminary Design 10/09/12 - 05/17/13	\$36,291	\$0	\$0	\$0	\$36,291
3 Final Design 05/17/13 - 09/16/14	\$272,393	\$0	\$0	\$0	\$272,393
4 Implementation 09/16/14 - 10/16/17	\$12,055,932	\$2,042,114	\$0	\$0	\$14,098,046
5 Closeout 10/16/17 - 12/18/18	\$1,506	\$162,390	\$0	\$0	\$163,896
6 Acquisition	\$1	\$0	\$0	\$0	\$1
Total Budget	\$12,734,389	\$2,204,504	\$0	\$0	\$14,938,893

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39199 - DEBT PROCEEDS TRANSFER	\$2,204,504	\$0	\$0	\$2,204,504
Total Revenue	\$2,204,504	\$0	\$0	\$2,204,504

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		WTC SP RPLS RS PMPS MTRS DRVS					1114367
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense	
1 Planning	\$192,029	\$0	\$0	\$0	\$0	\$192,029	
2 Prelim Design	\$371,377	\$0	\$0	\$0	\$0	\$371,377	
3 Final Design	\$1,022,174	\$0	\$0	\$0	\$0	\$1,022,174	
4 Implementation	\$6,572,661	\$5,567,224	\$2,041,241	\$0	\$0	\$14,181,126	
5 Closeout	\$0	\$2,288	\$162,390	\$0	\$0	\$164,678	
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0	
Total Expense	\$8,158,242	\$5,569,512	\$2,203,631	\$0	\$0	\$15,931,385	

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$80,431	\$192,029	\$192,029	\$368,266	\$192,029
2 Preliminary Design	\$104,667	\$371,371	\$371,377	\$36,291	\$371,377
3 Final Design	\$820,851	\$1,022,171	\$1,022,174	\$272,393	\$1,022,174
4 Implementation	\$10,906,528	\$14,186,807	\$6,572,661	\$12,055,932	\$12,139,885
5 Closeout	\$205,620	\$159,007	\$0	\$1,506	\$2,288
6 Acquisition	\$0	\$0	\$0	\$1	\$0
Total	\$12,118,097	\$15,931,385	\$8,158,241	\$12,734,389	\$13,727,753

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$176,237	\$0	\$0	\$176,237
2 Preliminary Design	(\$335,086)	\$0	\$0	(\$335,086)
3 Final Design	(\$749,781)	\$0	\$0	(\$749,781)
4 Implementation	(\$83,953)	\$2,042,114	\$2,041,241	(\$83,080)
5 Closeout	(\$782)	\$162,390	\$162,390	(\$782)
6 Acquisition	\$1	\$0	\$0	\$1
Total	(\$993,364)	\$2,204,504	\$2,203,631	(\$992,491)

NARRATIVES WTC SP RPLS RS PMPS MTRS DRVS 1114367

Current Scope

South Plant Raw Sewage Pumps Motors and Drives - South Plant Raw Sewage Pumps No. 1, 4, and 6 were installed in 1965 and are at the end of their useful life. This project will assess, schedule and implement a multiyear replacement program for these pumps and their associated ancillary equipment including increased pumping capacity to meet future flow increases.

Project Justification

Maintenance has been needed to rebuild Raw Sewage Pumps 1, 4, & 6 over the years. The pumps are at the point where rebuilding is not an acceptable solution as documented in the assessment study conducted by Brown & Caldwell that indicated an increase in pump capacity will be needed to address increased flows at South Plant.

Budget Request Basis

The appropriation request is based on analysis of project schedule, spending, contingency, budget carryover amount and the timing of property acquisition and implementation contracting.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WTC SP RPLS RS PMPS MTRS DRVS

1114367

Project Status

The construction work is progressing according to schedule. Major work activities include completed demolition of remainder of the existing switchgear, continuing installation work on permanent switchgear side B. Started installation of Raw Sewage Pump 6, motor and Variable Frequency Drive.

Alternatives Analysis

There were three alternatives investigated for this project. Alternative 1 (recommended) proposed to replace the three Raw Sewage Pumps (RSPs) in kind with equipment from Flygt Pumps. This is the same manufacturer as the original pumps. All of the RSPs would have larger motors to increase pumping capacity and Variable Frequency Drives would be utilized to power the motors. Alternative 2 proposed to utilize Hitachi Pumps. All of the RSPs would have larger motors to increase pumping capacity and Variable Frequency Drives would be utilized to power the motors. Alternative 3 proposed to replace only the pumps and motors. Instead of using Variable Frequency Drives to power the motors the existing eddy current clutches would be rebuilt. Alternative 3 was dismissed because of increased energy costs and it did not conform to current King County Energy Conservation policy. Alternative 1 was selected as the preferred alternative based on lifecycle cost.

Funding and Revenue Discussion

Other Agency Involvement

South Plant operations are involved in the planning, development of redundant systems and execution of the project. The Raw Sewage Pumps and support systems are mission critical to the operation of the plant. Any unplanned outage to the remaining systems will have negative impacts to the ability of the plant to treat flows. There are no external agencies involved.

Art Eligibility

No. The reason this project is ineligible for the Arts is because it is an equipment replacement project.

Equity and Social Justice Impact

N/A. Inside of existing plant boundaries. No odor or transportation impact.

Strategic Climate Action Plan Alignment

Project will save a significant amount of energy at the South Treatment Plant through replacement of old, inefficient equipment with new, substantially more efficient equipment. It will contribute to reduced greenhouse gas emissions, and SCAP Buildings and Facilities Energy Goal Area targets and strategies through reduction of normalized energy use. The rating level targeted is for this project is Gold. The additional cost associated with achieving LEED or scorecard certification is \$15,000. The green building and sustainable development strategies employed in this project are use of existing space in the Pump Building to replace pumps, motors, controls and Variable Frequency Drives (VFDs). We have specified pumps that would not require major discharge/intake piping modifications. The existing pumps were clutch driven and are being replaced by energy efficient VFD motor control. Pump efficiency will be the same as existing pumps or slightly better.

Operating Budget Impacts

Completion of this work will increase reliability and operational flexibility for the Raw Sewage Pumping operation at South Plant. In addition the new pumps will have Variable Frequency Drives that make a significant reduction in the energy needed to operate the pumps from the existing clutch systems. Puget Sound Energy has awarded the project an energy conservation grant in the amount of \$894,970.00 (approximately 6% of the project cost). This is based on the plant saving approximately \$135,000.00 (approximately 2 million kilowatt hours) in annual energy costs. These savings will be ongoing for the plant.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WTC WP RPLC SOLIDS CNTRL SYS

1114374

Baseline Required, Green Building Reporting

Department	NATURAL RESOURCES AND PARKS
Council District(s)	4
Fund	3611 WATER QUALITY CONST-UNRES
Class Code	STANDALONE
Substantial Completion	12/30/2016
Location	West Point Treatment Plant
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$26,571	\$0	\$0	\$0	\$26,571
2 Preliminary Design	\$399,450	\$0	\$0	\$0	\$399,450
3 Final Design 08/08/11 - 07/14/15	\$1,737,938	\$0	\$0	\$0	\$1,737,938
4 Implementation 02/20/14 - 12/30/16	\$11,891,246	\$60,392	\$0	\$0	\$11,951,638
5 Closeout 02/15/17 - 05/31/17	\$199,067	\$0	\$0	\$0	\$199,067
6 Acquisition	\$1	\$0	\$0	\$0	\$1
Total Budget	\$14,254,273	\$60,392	\$0	\$0	\$14,314,665

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39199 - DEBT PROCEEDS TRANSFER	\$60,392	\$0	\$0	\$60,392
Total Revenue	\$60,392	\$0	\$0	\$60,392

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		WTC WP RPLC SOLIDS CNTRL SYS					1114374
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense	
1 Planning	\$5,513	\$0	\$0	\$0	\$0	\$5,513	
2 Prelim Design	\$6,026	\$0	\$0	\$0	\$0	\$6,026	
3 Final Design	\$5,607,164	\$312,730	\$78,182	\$0	\$0	\$5,998,076	
4 Implementation	\$4,303,044	\$3,210,015	\$682,987	\$0	\$0	\$8,196,046	
5 Closeout	\$962	\$99,132	\$8,909	\$0	\$0	\$109,003	
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0	
Total Expense	\$9,922,710	\$3,621,877	\$770,078	\$0	\$0	\$14,314,665	

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$32,796	\$5,507	\$5,513	\$26,571	\$5,513
2 Preliminary Design	\$0	\$6,023	\$6,026	\$399,450	\$6,026
3 Final Design	\$4,420,964	\$5,607,155	\$5,607,164	\$1,737,938	\$5,919,894
4 Implementation	\$9,624,804	\$8,592,986	\$4,303,044	\$11,891,246	\$7,513,059
5 Closeout	\$415,406	\$102,994	\$962	\$199,067	\$100,094
6 Acquisition	\$0	\$0	\$0	\$1	\$0
Total	\$14,493,970	\$14,314,665	\$9,922,709	\$14,254,273	\$13,544,586

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$21,058	\$0	\$0	\$21,058
2 Preliminary Design	\$393,424	\$0	\$0	\$393,424
3 Final Design	(\$4,181,956)	\$0	\$78,182	(\$4,260,138)
4 Implementation	\$4,378,187	\$60,392	\$682,987	\$3,755,592
5 Closeout	\$98,973	\$0	\$8,909	\$90,064
6 Acquisition	\$1	\$0	\$0	\$1
Total	\$709,687	\$60,392	\$770,078	\$1

NARRATIVES WTC WP RPLC SOLIDS CNTRL SYS 1114374

Current Scope

West Point Replace Solids Control System - Complete the design and construction for the replacement of obsolete control system equipment with equipment that conforms to WTD control system standards. The scope includes replacement of the existing PLCs (programmable logic controllers) with Emerson Ovation Controllers in the Solids process area.

Project Justification

The control system at the West Point Treatment Plant is obsolete and replacement parts are no longer manufactured. Since a complete replacement is required, there is an opportunity to ensure that the replacement system conforms to WTD control system standards. A common control system will enable enhanced reporting and operational control and will reduce maintenance.

Budget Request Basis

The appropriation request is based on analysis of project schedule, spending, contingency, budget carryover amount and the timing of property acquisition and implementation contracting.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	WTC WP RPLC SOLIDS CNTRL SYS	1114374
Project Status		
On schedule and on budget. All contracted work planned to be substantially complete by the end of 2016.		
Alternatives Analysis		
N/A		
Funding and Revenue Discussion		
Other Agency Involvement		
None.		
Art Eligibility		
No. Equipment replacement project.		
Equity and Social Justice Impact		
N/A. Inside of existing plant boundaries. No odor or transportation impact.		
Strategic Climate Action Plan Alignment		
A more sophisticated process control is being implemented as part of this project. These controls will allow Operations staff to refine their policies and procedures and will allow them to take advantages of opportunities to run equipment more efficiently. The rating level targeted is for this project is Platinum. The additional cost associated with achieving LEED or scorecard certification is \$0.		
Operating Budget Impacts		
Ongoing maintenance, staff training and software updates will be required to maintain the control system.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WTC RECLAIM H2O PLAN & INFSTRC

1114383

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3611 WATER QUALITY CONST-UNRES
Class Code	STANDALONE
Substantial Completion	
Location	Reclaimed water produced by Brightwater, Carnation and South Plant
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/01/12 - 12/31/22	\$1,918,180	\$0	\$112,551	\$115,927	\$2,146,658
2 Preliminary Design	\$6	\$907,509	\$28,138	\$0	\$935,653
3 Final Design	\$7	\$602,740	\$2,332,006	\$1,043,748	\$3,978,501
4 Implementation	\$2,914,249	\$0	\$929,620	\$2,106,629	\$5,950,498
5 Closeout	\$1	\$0	\$0	\$65,044	\$65,045
6 Acquisition	\$1	\$0	\$0	\$0	\$1
Total Budget	\$4,832,444	\$1,510,249	\$3,402,315	\$3,331,348	\$13,076,356

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39199 - DEBT PROCEEDS TRANSFER	\$1,510,249	\$0	\$0	\$1,510,249
Total Revenue	\$1,510,249	\$0	\$0	\$1,510,249

EXPENSE

WTC RECLAIM H2O PLAN & INFSTRC

1114383

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$827,941	\$473,845	\$0	\$112,551	\$115,927	\$1,530,264
2 Prelim Design	\$6,406	\$570,923	\$1,468,859	\$28,138	\$0	\$2,074,326
3 Final Design	\$199,847	\$50,000	\$997,965	\$2,332,006	\$1,043,748	\$4,623,566
4 Implementation	\$724,257	\$193,182	\$829,468	\$929,620	\$2,106,629	\$4,783,156
5 Closeout	\$0	\$0	\$0	\$0	\$65,044	\$65,044
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$1,758,451	\$1,287,950	\$3,296,292	\$3,402,315	\$3,331,348	\$13,076,356

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$827,941	\$1,918,180	\$1,301,786
2 Preliminary Design	\$0	\$0	\$6,406	\$6	\$577,329
3 Final Design	\$0	\$0	\$199,847	\$7	\$249,847
4 Implementation	\$0	\$0	\$724,257	\$2,914,249	\$917,439
5 Closeout	\$0	\$0	\$0	\$1	\$0
6 Acquisition	\$0	\$0	\$0	\$1	\$0
Total	\$0	\$0	\$1,758,451	\$4,832,444	\$3,046,401

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$616,394	\$0	\$0	\$616,394
2 Preliminary Design	(\$577,323)	\$907,509	\$1,468,859	(\$1,138,673)
3 Final Design	(\$249,840)	\$602,740	\$997,965	(\$645,065)
4 Implementation	\$1,996,810	\$0	\$829,468	\$1,167,342
5 Closeout	\$1	\$0	\$0	\$1
6 Acquisition	\$1	\$0	\$0	\$1
Total	\$1,786,043	\$1,510,249	\$3,296,292	\$0

NARRATIVES

WTC RECLAIM H2O PLAN & INFSTRC

1114383

Current Scope

Reclaimed Water Plan and Infrastructure - The project includes customer development and support for existing reclaimed water facilities, planning, negotiating agreements, obtaining initial permits, customer connections, and engineering planning for reclaimed water use from South Plant, Carnation, and Brightwater.

Project Justification

Required by RWSP planning policies, Council Ordinance, DNR outfall lease, SCAP, and Executive Initiative

Budget Request Basis

The appropriation request is based on analysis of project spending and budget carryover amount.

Project Status

The Kirkland reclaimed water feasibility study was initiated late summer 2015. It is currently underway with a final report expected mid to late summer. JB Lawns connection design is complete. Summer 2015 WTD created a temporary reclaimed water fill station and was used by the City of Kirkland to offset municipal uses during the drought. Contracting with and training of new reclaimed water fill station customers. Willows Run Golf Course reclaimed water and soil evaluation report complete. The 60 Acres Park permanent connection design was completed, equipment has been procured, customer contract signed, customer trained, and construction underway during June 2016. Summer of 2015 a temporary connection was made to assist the park during the drought. Two reclaimed water reliability projects have been designed for Brightwater regarding disinfection mixing and including an analyzers. Construction is expected summer and fall 2016. Hollywood and York pump stations irrigation system have been connected to reclaimed water.

Alternatives Analysis

N/A

Funding and Revenue Discussion

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WTC RECLAIM H2O PLAN & INFSTRC

1114383

Other Agency Involvement

WLRD provides reclaimed water and soil quality testing, provides farmer coordination assistance, and guidance on wetland, surface water, and groundwater associated with reclaimed water projects. Departments of Ecology and Health jointly permit reclaimed water facilities. New customer contracts and training are required by these departments.

Art Eligibility

No. Capital Planning and Program Development Project

Equity and Social Justice Impact

This project involves connecting customers where our existing reclaimed water distribution lines have already been installed. We are constrained by existing geography of distribution systems which are near the existing wastewater treatment plants. King County will be offering reclaimed water to all potential customers along the system that will use the water for uses approved by WA Department of Ecology and Health. We do provide customer training in the language preferred by the customer's employees and are reaching out to immigrant farmers in Sammamish Valley.

Strategic Climate Action Plan Alignment

Section 2 of the SCAP (Preparation for Climate Change Impacts) identifies expanding use of reclaimed water as a priority action by 2020. Specifically, "The Wastewater Treatment Division will further develop and expand its reclaimed water program in the Sammamish River Valley and near the South Treatment Plant to reduce reliance on Puget Sound for the discharge of treated effluent and provide a water source for agricultural irrigation and groundwater recharge." (SCAP pg. 123) All reclaimed water capital projects, including planning, studies, engineering reports, and customer connections, support this SCAP priority action. No buildings are being built as part of this project.

Operating Budget Impacts

As additional customers in the Sammamish Valley are connected to the reclaimed water system, operations staff is required to read the meters and maintain the meters and backflow preventers. In addition the billing department has additional invoicing to the bill the new customers. Reclaimed water program staff will spend additional time supporting the customers as they become long term customers and providing on-going training which is charged to the operating budget.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status: Approved

WTC N LK SAM FLOW DIVERSION

1116794

Green Building Reporting, Art Eligible

Department	NATURAL RESOURCES AND PARKS
Council District(s)	3
Fund	3611 WATER QUALITY CONST-UNRES
Class Code	STANDALONE
Substantial Completion	10/21/2021
Location	York Pump Station, Redmond
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 04/15/12 - 07/10/12	\$135,001	\$0	\$0	\$0	\$135,001
2 Preliminary Design 07/10/12 - 12/05/17	\$581,768	\$55,316	\$0	\$0	\$637,084
3 Final Design 12/05/17 - 05/21/19	\$1,316,760	\$5,216,431	\$0	\$0	\$6,533,191
4 Implementation 05/21/19 - 01/13/22	\$1,243,594	\$164,235	\$18,941,666	\$171,492	\$20,520,987
5 Closeout 01/13/22 - 12/31/22	\$2,210	\$36,943	\$302,367	\$20,695	\$362,215
6 Acquisition 12/06/17 - 06/05/18	\$327,818	\$281,377	\$0	\$0	\$609,195
Total Budget	\$3,607,151	\$5,754,302	\$19,244,033	\$192,187	\$28,797,673

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$15,262	\$0	\$0	\$15,262

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39199 - DEBT PROCEEDS TRANSFER	\$5,754,302	\$0	\$0	\$5,754,302
Total Revenue	\$5,754,302	\$0	\$0	\$5,754,302

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		WTC N LK SAM FLOW DIVERSION				1116794
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$213,309	\$0	\$0	\$0	\$0	\$213,309
2 Prelim Design	\$1,247,370	\$744,232	\$55,316	\$0	\$0	\$2,046,918
3 Final Design	\$1,351	\$163,510	\$2,879,877	\$426,553	\$0	\$3,471,291
4 Implementation	\$2,990	\$20,980	\$164,235	\$10,150,463	\$12,069,450	\$22,408,118
5 Closeout	\$15,763	\$891	\$36,943	\$302,367	\$20,695	\$376,659
6 Acquisition	\$0	\$0	\$281,377	\$0	\$0	\$281,377
Total Expense	\$1,480,783	\$929,613	\$3,417,748	\$10,879,383	\$12,090,145	\$28,797,672

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$213,309	\$135,001	\$213,309
2 Preliminary Design	\$0	\$0	\$1,247,370	\$581,768	\$1,991,602
3 Final Design	\$0	\$0	\$1,351	\$1,316,760	\$164,861
4 Implementation	\$0	\$0	\$2,990	\$1,243,594	\$23,970
5 Closeout	\$0	\$0	\$15,763	\$2,210	\$16,654
6 Acquisition	\$0	\$0	\$0	\$327,818	\$0
Total	\$0	\$0	\$1,480,783	\$3,607,151	\$2,410,396

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$78,308)	\$0	\$0	(\$78,308)
2 Preliminary Design	(\$1,409,834)	\$55,316	\$55,316	(\$1,409,834)
3 Final Design	\$1,151,899	\$5,216,431	\$2,879,877	\$3,488,453
4 Implementation	\$1,219,624	\$164,235	\$164,235	\$1,219,624
5 Closeout	(\$14,444)	\$36,943	\$36,943	(\$14,444)
6 Acquisition	\$327,818	\$281,377	\$281,377	\$327,818
Total	\$1,196,755	\$5,754,302	\$3,417,748	\$3,533,309

NARRATIVES	WTC N LK SAM FLOW DIVERSION	1116794
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Current Scope

North Lake Sammamish Flow Diversion - This project will divert up to 29 million gallons per day (mgd) of peak flow from the North Lake Sammamish (NLS) Basin to the Brightwater Treatment Plant (BWTP) by 2021 and up to 43 mgd of peak flow to the BWTP by 2050. The project must also allow for emergency flows from Brightwater to be diverted to the Eastside Interceptor (ESI). The planning alternative is to divert NLS flows through the North Creek force mains via the York Pump Station, essentially reversing the flow direction through York by adding valves and piping.

Project Justification

This project will construct modifications to existing wastewater facilities serving the North Lake Sammamish basin to accommodate increased wastewater flows as a result of population growth and to prevent sanitary sewer overflows. The project is needed to maintain the RWSP 20-year peak flow conveyance capacity standard at the ESI Section 1 from approximately 2021 and beyond. This project was identified by the Regional Wastewater Services Plan (RWSP) and included in the Conveyance System Improvement Program (CSI) Update.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WTC N LK SAM FLOW DIVERSION

1116794

Budget Request Basis

The appropriation request is based on analysis of project schedule, spending, contingency, budget carryover amount and the timing of property acquisition and implementation contracting.

Project Status

Re-procurement of design consultant is under way and expected to complete in 2016. Alternatives analysis is planned to be completed by end of 2017.

Alternatives Analysis

The initial consultant prepared alternatives but that contract is now closed. The project is being reevaluated and a new design consultant contract will be on board for Phase 2 of the project and alternatives will be prepared.

Funding and Revenue Discussion

Other Agency Involvement

The Brightwater Treatment Plant Capacity, the North Creek Force Mains Condition Assessment, the York and Hollywood Pump Station Condition Assessment and the Brightwater Influent Pump Station all have potential impacts on this project. List of external agencies that will be involved will be prepared for the final alternatives.

Art Eligibility

Yes.

Equity and Social Justice Impact

We are implementing an ESJ Assessment protocol for all projects and developed an associated Assessment table and survey that fully implements ESJ practices into capital projects. Additional information is outlined in the 2017-2018 Wastewater Treatment Division Business Plan and ESJ work plan.

Strategic Climate Action Plan Alignment

Project will strive for the Platinum level on the Sustainability Scorecard by considering energy efficiency, water conservation, use of sustainable materials, environmental health, community quality of life, equity and social justice. Project will also maximize construction and demolition waste diversion from landfills by striving for an 80% - 85% diversion rate. These actions contribute to SCAP Green Building Goal Area targets and strategies.

Operating Budget Impacts

Will be evaluated as part of alternative selection.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status: Approved

WTC SP RECLAIMED H2O FAC MODS

1116796

Baseline Required, Green Building Reporting, Art Eligible

Department	NATURAL RESOURCES AND PARKS
Council District(s)	5
Fund	3611 WATER QUALITY CONST-UNRES
Class Code	STANDALONE
Substantial Completion	04/25/2018
Location	South Treatment Plant
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/02/13 - 02/04/13	\$15,681	\$0	\$0	\$0	\$15,681
2 Preliminary Design 02/04/13 - 10/13/15	\$41,102	\$0	\$0	\$0	\$41,102
3 Final Design 10/13/15 - 07/24/17	\$205,143	\$194,847	\$0	\$0	\$399,990
4 Implementation 07/24/17 - 08/31/18	\$1,571,480	\$1,733,807	\$0	\$0	\$3,305,287
5 Closeout 08/31/18 - 04/09/19	\$78,905	\$57,368	\$0	\$0	\$136,273
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$1,912,311	\$1,986,022	\$0	\$0	\$3,898,333

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$19,720	\$0	\$0	\$19,720

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39199 - DEBT PROCEEDS TRANSFER	\$1,986,022	\$0	\$0	\$1,986,022
Total Revenue	\$1,986,022	\$0	\$0	\$1,986,022

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		WTC SP RECLAIMED H2O FAC MODS					1116796
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense	
1 Planning	\$183,906	\$0	\$0	\$0	\$0	\$183,906	
2 Prelim Design	\$896,886	\$0	\$0	\$0	\$0	\$896,886	
3 Final Design	\$76,528	\$650,884	\$194,847	\$0	\$0	\$922,259	
4 Implementation	\$9,356	\$9,041	\$1,267,300	\$585,127	\$0	\$1,870,824	
5 Closeout	\$0	\$1,413	\$6,006	\$2,986	\$0	\$10,405	
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0	
Total Expense	\$1,166,676	\$661,338	\$1,468,153	\$588,113	\$0	\$3,884,280	

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$183,901	\$183,905	\$183,906	\$15,681	\$183,906
2 Preliminary Design	\$781,148	\$896,886	\$896,886	\$41,102	\$896,886
3 Final Design	\$899,513	\$907,186	\$76,528	\$205,143	\$727,412
4 Implementation	\$1,967,704	\$1,886,454	\$9,356	\$1,571,480	\$18,397
5 Closeout	\$81,983	\$9,848	\$0	\$78,905	\$1,413
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$3,914,248	\$3,884,280	\$1,166,676	\$1,912,311	\$1,828,014

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$168,225)	\$0	\$0	(\$168,225)
2 Preliminary Design	(\$855,784)	\$0	\$0	(\$855,784)
3 Final Design	(\$522,269)	\$194,847	\$194,847	(\$522,269)
4 Implementation	\$1,553,083	\$1,733,807	\$1,267,300	\$2,019,590
5 Closeout	\$77,492	\$57,368	\$6,006	\$128,854
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$84,297	\$1,986,022	\$1,468,153	\$602,166

NARRATIVES WTC SP RECLAIMED H2O FAC MODS 1116796

Current Scope

South Plant Reclaimed Water Facility Modifications - Upgrade the existing reclaimed water system at South Plant to replace the pilot facility with a permanent facility, improve the reliability of reclaimed water produced and provide safety enhancements for WTD staff. The work includes: 1. Replace the existing temporary chemical pump building with a permanent building, 2. Modify the existing storage tank to meet current system requirements, 3. Provide a permanent chemical storage tank, 4. Provide spray washing system at the chlorine tanks and the reclaimed water storage tank, 5. Provide fill stations for the sodium hypochloride and the coagulant.

Project Justification

The existing system is housed in a pilot facility that is at the end of its useful life. This project provides a permanent facility and will improve the reliability of reclaimed water produced and improve operator safety.

Budget Request Basis

The appropriation request is based on analysis of project schedule, spending, contingency, budget carryover amount and the timing of property acquisition and implementation contracting.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WTC SP RECLAIMED H2O FAC MODS

1116796

Project Status

The project is proceeding as planned. The project is anticipated to complete final design in the third quarter of 2016 and will proceed with Advertising and Bidding in early 2017 when additional project funding is available.

Alternatives Analysis

Several different alternatives were evaluated including using ultraviolet light for disinfection. Ultimately WTD management determined that the current scope of work, to upgrade the existing Pilot facility to a permanent facility and provide upgraded safety features and reclaimed water reliability was the selected alternative.

Funding and Revenue Discussion

Other Agency Involvement

The City of Renton will provide a building permit.

Art Eligibility

Yes.

Equity and Social Justice Impact

N/A. Inside of existing plant boundaries. No odor or transportation impact.

Strategic Climate Action Plan Alignment

The rating level targeted is for this project is Gold. The additional cost associated with achieving LEED or scorecard certification is \$0. The possible green building and sustainable development strategies employed in this project are 1) Minimizing light pollution/trespass 2) Design for disassembly 3) plan, design and build with pre-fabricated elements 4) Measurement & Verification of Energy use 5) Variable Capacity Design 6) Construction Waste Management 7) Use of FSC wood 8) Construction IAQ 9) low - emitting paints and adhesives 10) increase ventilation 11) maximize daylight 12) controllability of systems.

Operating Budget Impacts

Staff labor for maintaining the existing reclaimed water facility should be reduced when the new and improved facility is up and running.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WTC JAM/ARC BLDG REPLACEMENT

1116797

Department	NATURAL RESOURCES AND PARKS
Council District(s)	4
Fund	3611 WATER QUALITY CONST-UNRES
Class Code	STANDALONE
Substantial Completion	08/01/2021
Location	Jameson/Arcweld Building replacement in location to be determined.
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 05/10/16 - 07/12/16	\$88,178	\$0	\$0	\$0	\$88,178
2 Preliminary Design 07/12/16 - 08/28/17	\$153,130	\$0	\$0	\$0	\$153,130
3 Final Design 08/28/17 - 08/01/20	\$580,012	\$0	\$0	\$0	\$580,012
4 Implementation 08/01/20 - 08/01/22	\$3,470,265	\$0	\$0	\$59,757	\$3,530,022
5 Closeout 08/01/22 - 12/31/22	\$13,894	\$0	\$0	\$143,240	\$157,134
6 Acquisition 08/01/20 - 12/29/17	\$206,000	\$0	\$0	\$0	\$206,000
Total Budget	\$4,511,479	\$0	\$0	\$202,997	\$4,714,476

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

EXPENSE WTC JAM/ARC BLDG REPLACEMENT 1116797

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$61,440	\$23,813	\$11,346	\$0	\$0	\$96,599
2 Prelim Design	\$19,483	\$25,536	\$106,373	\$75,650	\$0	\$227,042
3 Final Design	\$0	\$0	\$127,773	\$404,915	\$0	\$532,688
4 Implementation	\$20,042	\$493	\$32,071	\$1,659,014	\$1,653,740	\$3,365,360
5 Closeout	\$0	\$0	\$39,921	\$6,459	\$145,106	\$191,486
6 Acquisition	\$30,000	\$0	\$21,218	\$250,081	\$0	\$301,299
Total Expense	\$130,966	\$49,842	\$338,702	\$2,396,119	\$1,798,846	\$4,714,475

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$61,440	\$88,178	\$85,253
2 Preliminary Design	\$0	\$0	\$19,483	\$153,130	\$45,019
3 Final Design	\$0	\$0	\$0	\$580,012	\$0
4 Implementation	\$0	\$0	\$20,042	\$3,470,265	\$20,535
5 Closeout	\$0	\$0	\$0	\$13,894	\$0
6 Acquisition	\$0	\$0	\$30,000	\$206,000	\$30,000
Total	\$0	\$0	\$130,965	\$4,511,479	\$180,807

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$2,925	\$0	\$11,346	(\$8,421)
2 Preliminary Design	\$108,111	\$0	\$106,373	\$1,738
3 Final Design	\$580,012	\$0	\$127,773	\$452,239
4 Implementation	\$3,449,730	\$0	\$32,071	\$3,417,659
5 Closeout	\$13,894	\$0	\$39,921	(\$26,027)
6 Acquisition	\$176,000	\$0	\$21,218	\$154,782
Total	\$4,330,672	\$0	\$338,702	\$3,991,970

NARRATIVES

WTC JAM/ARC BLDG REPLACEMENT

1116797

Current Scope

Jameson/Arcweld Building Replacement - This project will incorporate information previously gathered in the Planning Level Alternatives Analysis developed in June of 2012, performed under a separate Minor Asset Management project. Re-evaluate and update current and future organizational business needs and requirements. Perform alternatives analysis and develop a recommended alternative. Upon approval from Capital Systems Team (CST), implement the recommended alternative.

Project Justification

The Jameson and ArcWeld buildings are beyond their useful life. These facilities, which currently house West Section Off-Site Facilities operations staff and the North Satellite Construction Management office staff, have numerous problems that impact productivity, such as insufficient space for the number of employees, rodent infestation, substandard heavy machine maintenance work areas. The Jameson facility does not meet codes for ADA Compliance, and current International Building and Seismic Codes. The ArcWeld building is comprised of an 85-year-old house connected to a 35-year-old construction trailer. The operational need and justification for this project is to provide a safe, healthy, and functional work environment for our employees

Budget Request Basis

The appropriation request is based on analysis of project schedule, spending, contingency, budget carryover amount and the timing of property acquisition and implementation contracting.

Project Status

Fine tuning stakeholder requirements for the mid, 2016 Gate 1 presentation. Engaging real estate acquisition leads to initiate the property search so the preliminary alternatives to be considered can be defined.

Alternatives Analysis

Preliminary alternatives to be considered will be defined in the mid 2016 CST Gate 1 presentation.

Funding and Revenue Discussion

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	WTC JAM/ARC BLDG REPLACEMENT	1116797
Other Agency Involvement		
Not currently engaging other agency involvement.		
Art Eligibility		
No. Project is too early in the planning stage to determine art eligibility; will be determined by the 2019/2020 budget cycle.		
Equity and Social Justice Impact		
To be determined as project definition is determined in Alternative Analysis. .		
Strategic Climate Action Plan Alignment		
Project is one of the few regularly occupied space projects that WTD implements, and therefore provides an opportunity for application of LEED or Living Building Challenge criteria. Will contribute to SCAP Green Building Goal Area targets and strategies. The project will explore GSI and energy efficiencies in the design stage. If a new building is selected, the new building will comply with the Green Building ordinance.		
Operating Budget Impacts		
To be determined based on alternative selected.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WTC WP OGADS REPLACEMENT

1116798

Green Building Reporting

Department	NATURAL RESOURCES AND PARKS
Council District(s)	4
Fund	3611 WATER QUALITY CONST-UNRES
Class Code	STANDALONE
Substantial Completion	09/29/2020
Location	West Point Treatment Plant
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 11/27/12 - 04/09/13	\$138,728	\$0	\$0	\$0	\$138,728
2 Preliminary Design 04/09/13 - 07/12/16	\$581,659	\$201,654	\$0	\$0	\$783,313
3 Final Design 07/12/16 - 05/07/18	\$2,432,368	\$5,591,327	\$0	\$0	\$8,023,695
4 Implementation 05/12/16 - 08/31/21	\$725,112	\$40,143,525	\$1,721,433	\$1,038,192	\$43,628,262
5 Closeout 09/01/21 - 08/05/22	\$0	\$5,681	\$1,890	\$279,795	\$287,366
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$3,877,867	\$45,942,187	\$1,723,323	\$1,317,987	\$52,861,364

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39199 - DEBT PROCEEDS TRANSFER	\$45,942,187	\$0	\$0	\$45,942,187
Total Revenue	\$45,942,187	\$0	\$0	\$45,942,187

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		WTC WP OGADS REPLACEMENT					1116798
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense	
1 Planning	\$193,152	\$0	\$0	\$0	\$0	\$193,152	
2 Prelim Design	\$1,265,946	\$827,550	\$201,654	\$0	\$0	\$2,295,150	
3 Final Design	\$2,912	\$514,099	\$3,329,731	\$2,261,596	\$0	\$6,108,338	
4 Implementation	\$14,542	\$205,753	\$13,689,160	\$16,643,676	\$13,424,225	\$43,977,356	
5 Closeout	\$0	\$0	\$5,681	\$1,890	\$279,795	\$287,366	
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0	
Total Expense	\$1,476,552	\$1,547,402	\$17,226,226	\$18,907,162	\$13,704,020	\$52,861,362	

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$193,152	\$138,728	\$193,152
2 Preliminary Design	\$0	\$0	\$1,265,946	\$581,659	\$2,093,496
3 Final Design	\$0	\$0	\$2,912	\$2,432,368	\$517,011
4 Implementation	\$0	\$0	\$14,542	\$725,112	\$220,295
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$1,476,552	\$3,877,867	\$3,023,954

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$54,424)	\$0	\$0	(\$54,424)
2 Preliminary Design	(\$1,511,837)	\$201,654	\$201,654	(\$1,511,837)
3 Final Design	\$1,915,357	\$5,591,327	\$3,329,731	\$4,176,953
4 Implementation	\$504,817	\$40,143,525	\$13,689,160	\$26,959,182
5 Closeout	\$0	\$5,681	\$5,681	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$853,913	\$45,942,187	\$17,226,226	\$29,569,874

NARRATIVES	WTC WP OGADS REPLACEMENT	1116798
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Current Scope

West Point Oxygen Generation and Dissolution System Replacement - This project evaluated the replacement of the oxygen generation and dissolution equipment at the West Point Treatment Plant and will proceed with design and construction of the replacement if authorized by the WTD Capital Systems Team (CST). The West Point Treatment Plant requires oxygen to meet the aeration demands of the secondary treatment process. For both oxygen generation and dissolution equipment, the project will implement alternatives that will reduce overall energy consumption.

Project Justification

The existing oxygen generating equipment at West Point is early generation equipment that is energy intensive and expensive to operate. The system also needs expensive on-going maintenance and the adsorption media will need to be replaced at significant cost. The existing aeration mixers were installed in 1995 and are anticipated to have a remaining life of about 10 years. Together, the oxygen generation and mixing systems use approximately 45 percent of West Point's total electricity usage. This project evaluated and recommended alternatives which are anticipated to reduce energy consumption and improve the cost-effectiveness of operating the system.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WTC WP OGADS REPLACEMENT

1116798

Budget Request Basis

The appropriation request is based on analysis of project schedule, spending, contingency, budget carryover amount and the timing of property acquisition and implementation contracting.

Project Status

During 2016 and 2017, the project will complete preliminary and final design for the selected oxygen generation and dissolution alternatives. In 2016, the project will complete implementation of liquid oxygen system control upgrade.

Alternatives Analysis

The WTD Capital Systems Team selected the design alternative in June 2015. This project evaluated several alternatives for both oxygen generation and dissolution. The alternatives were narrowed down to the best apparent alternatives on the basis of capital cost, design risk, construction risk, operational complexity, energy efficiency, system safety, project schedule, long-term community impact, consent decree impact, scalability and permitting. The best apparent alternatives were evaluated on the basis of life cycle cost and energy savings.

Funding and Revenue Discussion

Other Agency Involvement

None.

Art Eligibility

No. This project is an equipment replacement project.

Equity and Social Justice Impact

N/A. Inside of existing plant boundaries. No odor or transportation impact.

Strategic Climate Action Plan Alignment

Project will save a significant amount of energy at the West Point Treatment Plant through replacement of old, inefficient equipment with new, substantially more efficient equipment. It will contribute to SCAP Buildings and Facilities Energy Goal Area targets and strategies through reduction of normalized energy use. The rating level targeted for this project is Platinum. The additional cost associated with achieving LEED or scorecard certification is \$0. The green building and sustainable development strategies employed in this project are: Project is currently still in preliminary design. The planned sustainable development strategies include Planning for Efficient Construction Delivery, Designing for Disassembly, Building with Prefabricated Elements, Optimization of Energy Performance, Ongoing Commissioning Plan, Measurement and Verification of Energy Use, Variable Capacity Design, Building Reuse, Construction Waste Management, Construction IAQ Management and Monitoring, the Use of Low Emitting Materials, Minimizing Fugitive Noise, the use of Sustainability Accredited Professionals, Providing Process & Sustainability Education, and the Reduction of Interior Noise.

Operating Budget Impacts

This project is anticipated to reduce operating costs through energy savings and reduction in maintenance costs.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WTC N MERCER ENATAI INT PAR

1116800

Green Building Reporting, Art Eligible

Department	NATURAL RESOURCES AND PARKS
Council District(s)	6
Fund	3611 WATER QUALITY CONST-UNRES
Class Code	STANDALONE
Substantial Completion	08/03/2022
Location	North Mercer Island and southwest Bellevue
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 11/02/12 - 03/12/13	\$98,715	\$0	\$0	\$0	\$98,715
2 Preliminary Design 03/12/13 - 05/23/17	\$4,347,977	\$233,430	\$0	\$0	\$4,581,407
3 Final Design 05/23/17 - 08/03/19	\$1,609,633	\$6,876,820	\$953,841	\$0	\$9,440,294
4 Implementation 08/03/19 - 12/28/22	\$2,724,481	\$1,224,634	\$63,060,545	\$4,849,586	\$71,859,246
5 Closeout 12/28/22 - 12/04/23	\$0	\$38,674	\$5,846	\$225,367	\$269,887
6 Acquisition	\$0	\$1,548,506	\$0	\$0	\$1,548,506
Total Budget	\$8,780,806	\$9,922,064	\$64,020,232	\$5,074,953	\$87,798,055

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$50,000	\$0	\$0	\$50,000

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39199 - DEBT PROCEEDS TRANSFER	\$9,922,064	\$0	\$0	\$9,922,064
Total Revenue	\$9,922,064	\$0	\$0	\$9,922,064

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		WTC N MERCER ENATAI INT PAR				1116800
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$378,132	\$0	\$0	\$0	\$0	\$378,132
2 Prelim Design	\$3,306,254	\$2,186,832	\$233,430	\$0	\$0	\$5,726,516
3 Final Design	\$0	\$392,085	\$5,329,256	\$953,840	\$0	\$6,675,181
4 Implementation	\$4,790	\$36,496	\$1,224,633	\$23,069,046	\$41,364,869	\$65,699,834
5 Closeout	\$0	\$0	\$38,674	\$5,846	\$225,367	\$269,887
6 Acquisition	\$0	\$0	\$1,548,506	\$0	\$0	\$1,548,506
Total Expense	\$3,689,175	\$2,615,413	\$8,374,499	\$24,028,732	\$41,590,236	\$80,298,055

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$378,132	\$98,715	\$378,132
2 Preliminary Design	\$0	\$0	\$3,306,254	\$4,347,977	\$5,493,086
3 Final Design	\$0	\$0	\$0	\$1,609,633	\$392,085
4 Implementation	\$0	\$0	\$4,790	\$2,724,481	\$41,286
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$3,689,176	\$8,780,806	\$6,304,589

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$279,417)	\$0	\$0	(\$279,417)
2 Preliminary Design	(\$1,145,109)	\$233,430	\$233,430	(\$1,145,109)
3 Final Design	\$1,217,548	\$6,876,820	\$5,329,256	\$2,765,112
4 Implementation	\$2,683,195	\$1,224,634	\$1,224,633	\$2,683,196
5 Closeout	\$0	\$38,674	\$38,674	\$0
6 Acquisition	\$0	\$1,548,506	\$1,548,506	\$0
Total	\$2,476,217	\$9,922,064	\$8,374,499	\$4,023,782

NARRATIVES WTC N MERCER ENATAI INT PAR 1116800

Current Scope

North Mercer Island and Enatai Interceptor Parallel - This project will increase the capacity of the existing North Mercer Island and Enatai Interceptor components of the regional wastewater system to convey the 20-year peak wastewater flows projected through the year 2060 from sewer basins in north Mercer Island and the southwest portion of the City of Bellevue.

Project Justification

King County Conveyance System Policy CP-1 (KCC 28.86.060) directs the county to design and construct wastewater conveyance facilities to meet the 20-year peak flow standard to avoid sanitary sewer overflows.

Budget Request Basis

The appropriation request is based on analysis of project schedule, spending, contingency, budget carryover amount and the timing of property acquisition and implementation contracting.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WTC N MERCER ENATAI INT PAR

1116800

Project Status

Project is in preliminary design and will be baselined in May 2017.

Alternatives Analysis

The project team analyzed project alternatives in a multi-stage process to identify a limited number of best apparent alternatives. In Stage 1 of the alternatives analysis, sets of segment options were developed for each of three geographic portions of the project: Mercer Island, the East Channel, and the Enatai neighborhood of Bellevue. The general characteristics of the alternatives are listed below by the location: 1. Mercer island: a) In water route, following the existing pipeline, b) Upland route including I()Trail and North Mercer Way, 2. East Channel Crossing: a)In water trenchless construction, b)In water open cut construction, 3. Bellevue section: a) In water construction following the existing pipeline, b) Trenchless construction from Enatai Beach park to Swayolocken pump station. The categories of evaluation criteria used to screen the alternatives included impacts related to; North Mercer Pump Station capacity and total dynamic head, technical considerations, constructability, operation and maintenance, permitting, rights of way, easements and rights of entry, environment, community, and cost. After extensive criteria -based evaluation performed in multiple stages the WTD Capital Systems Team selected the alternative that includes an upland route in Mercer Island, open cut East channel crossing and trenchless construction in Bellevue.

Funding and Revenue Discussion

Other Agency Involvement

City of Mercer Island, City of Bellevue, WA Department of Ecology, WA Department of Natural Resources, WA Department of Fish & Wildlife, WA Recreation and Conservation Office, WA Department of Transportation, US Army Corps of Engineers, US Coast Guard, Tribes, Individual property owners & various interest groups, Sound Transit

Art Eligibility

Yes.

Equity and Social Justice Impact

An Equity and Social Justice (ESJ) plan is currently being developed to access and assist in addressing any ESJ impacts related to this project. Project area's access to equity determinants was assessed prior to alternative selection. Project public involvement plan incorporates County best practices for equitable outreach (e.g. demographic analysis, collaboration with Community Based Organizations, increased educational opportunities and/or culturally appropriate information gathering as applicable). Information gathered during public involvement effort incorporated into County decision-making. We are implementing an ESJ Assessment protocol for all projects and developed an associated Assessment table and survey that fully implements ESJ practices into capital projects. Additional information is outlined in the 2017-2018 Wastewater Treatment Division Business Plan and ESJ work plan.

Strategic Climate Action Plan Alignment

Project will strive for the Platinum level on the Sustainability Scorecard by considering energy efficiency, water conservation, use of sustainable materials, environmental health, community quality of life, equity and social justice. Project will also maximize construction and demolition waste diversion from landfills by striving for an 80% - 85% diversion rate. These actions contribute to SCAP Green Building Goal Area targets and strategies. The additional cost associated with achieving LEED or scorecard certification is \$360,000. The green building and sustainable development strategies employed in this project are to be determined. Eco-charrette has not yet occurred, but will happen before the end of 2016.

Operating Budget Impacts

The project's potential net impact – increase or decrease – on the operating budget is to be determined in the future design phases.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WTC LK HILLS&NW LK SAM INTCP

1116801

Green Building Reporting

Department	NATURAL RESOURCES AND PARKS
Council District(s)	3, 6
Fund	3611 WATER QUALITY CONST-UNRES
Class Code	STANDALONE
Substantial Completion	05/17/2022
Location	City of Redmond and unincorporated King County
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 11/02/12 - 05/07/14	\$167,525	\$0	\$0	\$0	\$167,525
2 Preliminary Design 05/07/14 - 02/14/17	\$463,253	\$3,137,421	\$0	\$0	\$3,600,674
3 Final Design 02/14/17 - 08/15/19	\$5,039,629	\$8,381,582	\$2,509,133	\$0	\$15,930,344
4 Implementation 08/15/19 - 09/01/22	\$1,405,849	\$355,182	\$64,488,814	\$3,666,942	\$69,916,787
5 Closeout 09/01/22 - 12/31/23	\$1,750	\$38,331	\$4,157	\$347,601	\$391,839
6 Acquisition 03/08/17 - 11/29/18	\$2,153,627	\$250,000	\$0	\$0	\$2,403,627
Total Budget	\$9,231,633	\$12,162,516	\$67,002,104	\$4,014,543	\$92,410,796

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39199 - DEBT PROCEEDS TRANSFER	\$12,162,516	\$0	\$0	\$12,162,516
Total Revenue	\$12,162,516	\$0	\$0	\$12,162,516

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		WTC LK HILLS&NW LK SAM INTCP				1116801
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$202,257	\$0	\$0	\$0	\$0	\$202,257
2 Prelim Design	\$1,180,490	\$4,078,656	\$485,151	\$85,830	\$0	\$5,830,127
3 Final Design	\$509	\$749,999	\$5,815,142	\$2,454,499	\$54,634	\$9,074,783
4 Implementation	\$3,171	\$21,850	\$385,618	\$27,466,482	\$35,396,419	\$63,273,540
5 Closeout	\$0	\$0	\$38,331	\$4,157	\$347,601	\$390,089
6 Acquisition	\$0	\$0	\$250,000	\$0	\$0	\$250,000
Total Expense	\$1,386,427	\$4,850,505	\$6,974,242	\$30,010,968	\$35,798,654	\$79,020,796

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$202,257	\$167,525	\$202,257
2 Preliminary Design	\$0	\$0	\$1,180,490	\$463,253	\$5,259,146
3 Final Design	\$0	\$0	\$509	\$5,039,629	\$750,508
4 Implementation	\$0	\$0	\$3,171	\$1,405,849	\$25,021
5 Closeout	\$0	\$0	\$0	\$1,750	\$0
6 Acquisition	\$0	\$0	\$0	\$2,153,627	\$0
Total	\$0	\$0	\$1,386,427	\$9,231,633	\$6,236,932

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$34,732)	\$0	\$0	(\$34,732)
2 Preliminary Design	(\$4,795,893)	\$3,137,421	\$485,151	(\$2,143,623)
3 Final Design	\$4,289,121	\$8,381,582	\$5,815,142	\$6,855,561
4 Implementation	\$1,380,828	\$355,182	\$385,618	\$1,350,392
5 Closeout	\$1,750	\$38,331	\$38,331	\$1,750
6 Acquisition	\$2,153,627	\$250,000	\$250,000	\$2,153,627
Total	\$2,994,701	\$12,162,516	\$6,974,242	\$8,182,975

NARRATIVES WTC LK HILLS&NW LK SAM INTCP 1116801

Current Scope

Lake Hills and Northwest Lake Sammamish Interceptor - This project will increase the capacity of the Lake Hills Trunk and NW Lake Sammamish Interceptor sewers to convey the 20 year peak flow capacity through the year 2060. Available data on condition of the existing pipes will be used to verify which portions of the pipes should be replaced, refurbished, or paralleled. The project is located in the City of Redmond and unincorporated King County. The sewer includes 4.5 miles of gravity pipe and two siphon sections.

Project Justification

King County Conveyance System Policy CP-1 (KCC 28.86.060) directs the county to design and construct wastewater conveyance facilities to meet the 20-year peak flow standard to avoid sanitary sewer overflows.

Budget Request Basis

The appropriation request is based on analysis of project schedule, spending, contingency, budget carryover amount and the timing of property acquisition and implementation contracting.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WTC LK HILLS&NW LK SAM INTCPT

1116801

Project Status

The project team is currently conducting field investigations needed to support the preliminary design process. The project manager anticipates that project baselines will be set in the first quarter of 2017.

Alternatives Analysis

Alternative analysis is complete. The CST approved the Gate 2 recommended alternative in December 2015.

Funding and Revenue Discussion

Other Agency Involvement

The project is located in the City of Redmond and unincorporated King County (near Marymoor Park).The project team has briefed City staff representing various departments, including public works, parks, transportation and permitting. The project manager briefed City Council in January 2016. Coordination is ongoing. The project team has held several meetings with King County DNRP Parks, due to proximity of the project to Marymoor Park and the location of the existing pipe in the Sammamish River Trail. The project team will need to obtain an access agreement from King County Parks. One manhole is located in the City of Bellevue, and coordination will be required. Permits and access agreements will also be required from King County Dept. of Permits and Environmental Review, WSDOT (to cross under SR 520), and WDNR (to cross under the Sammamish River).

Art Eligibility

No. The project upgrades an underground sewer pipeline.

Equity and Social Justice Impact

An Equity Determinants Assessment has been completed, and no racial and/or social economic disparity issues were identified. The project team will update and evaluate issues as the project is developed. Project area's demographics and access to equity determinants was assessed prior to alternative selection. Project public involvement plan incorporates County best practices for equitable outreach (e.g. demographic analysis, collaboration with Community Based Organizations, increased educational opportunities and/or culturally appropriate information gathering as applicable). Information gathered during the public involvement effort incorporated into County decision-making. We are implementing an ESJ Assessment protocol for all projects and developed an associated Assessment table and survey that fully implements ESJ practices into capital projects. Additional information is outlined in the 2017-2018 Wastewater Treatment Division Business Plan and ESJ work plan.

Strategic Climate Action Plan Alignment

Project will strive for the Platinum level on the Sustainability Scorecard by considering energy efficiency, water conservation, use of sustainable materials, environmental health, community quality of life, equity and social justice. Project will also maximize construction and demolition waste diversion from landfills by striving for an 80% - 85% diversion rate. These actions contribute to SCAP Green Building Goal Area targets and strategies. The additional cost associated with achieving LEED or scorecard certification is \$444,000. The green building and sustainable development strategies employed in this project will include: Sustainable sites (integrate with community, habitat restoration). Climate - reduce vulnerability to river flooding. Recycled water - facilitate collaboration. Environmental quality (construction). Innovation - sustainability education.

Operating Budget Impacts

None.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WTC HANFD AT RAINIER & BVIEW N

1116802

Baseline Required, Green Building Reporting, Art Eligible

Department	NATURAL RESOURCES AND PARKS
Council District(s)	2
Fund	3611 WATER QUALITY CONST-UNRES
Class Code	STANDALONE
Substantial Completion	11/20/2017
Location	Located in the south central Seattle area; 2700 and 2720 South Hanford Street. Bayview location: 2347 Rainier Avenue South
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 08/28/12 - 11/13/12	\$57,372	\$0	\$0	\$0	\$57,372
2 Preliminary Design 11/13/12 - 05/13/14	\$125,579	\$0	\$0	\$0	\$125,579
3 Final Design 05/13/14 - 05/16/16	\$2,597,162	\$70,738	\$0	\$0	\$2,667,900
4 Implementation 05/16/16 - 04/04/18	\$26,850,567	\$1,484,934	\$0	\$0	\$28,335,501
5 Closeout 04/04/18 - 06/28/21	\$55,931	\$0	\$0	\$0	\$55,931
6 Acquisition 01/28/12 - 10/30/15	\$2,946,843	\$0	\$0	\$0	\$2,946,843
Total Budget	\$32,633,454	\$1,555,672	\$0	\$0	\$34,189,126

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39199 - DEBT PROCEEDS TRANSFER	\$1,555,672	\$0	\$0	\$1,555,672
Total Revenue	\$1,555,672	\$0	\$0	\$1,555,672

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		WTC HANFD AT RAINIER & BVIEW N					1116802
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense	
1 Planning	\$155,103	\$0	\$0	\$0	\$0	\$155,103	
2 Prelim Design	\$2,140,617	\$0	\$0	\$0	\$0	\$2,140,617	
3 Final Design	\$2,674,703	\$1,127,783	\$70,738	\$0	\$0	\$3,873,224	
4 Implementation	\$213,104	\$8,708,266	\$13,595,219	\$1,215,025	\$0	\$23,731,614	
5 Closeout	\$0	\$12,780	\$203,307	\$0	\$0	\$216,087	
6 Acquisition	\$3,672,481	\$400,000	\$0	\$0	\$0	\$4,072,481	
Total Expense	\$8,856,008	\$10,248,829	\$13,869,264	\$1,215,025	\$0	\$34,189,126	

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$134,271	\$155,095	\$155,103	\$57,372	\$155,103
2 Preliminary Design	\$2,647,584	\$2,140,612	\$2,140,617	\$125,579	\$2,140,617
3 Final Design	\$1,865,022	\$3,865,221	\$2,674,703	\$2,597,162	\$3,802,486
4 Implementation	\$24,698,679	\$23,739,629	\$213,104	\$26,850,567	\$8,921,370
5 Closeout	\$842,208	\$216,087	\$0	\$55,931	\$12,780
6 Acquisition	\$2,919,641	\$4,072,480	\$3,672,481	\$2,946,843	\$4,072,481
Total	\$33,107,404	\$34,189,125	\$8,856,008	\$32,633,454	\$19,104,837

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$97,731)	\$0	\$0	(\$97,731)
2 Preliminary Design	(\$2,015,038)	\$0	\$0	(\$2,015,038)
3 Final Design	(\$1,205,324)	\$70,738	\$70,738	(\$1,205,324)
4 Implementation	\$17,929,197	\$1,484,934	\$13,595,219	\$5,818,912
5 Closeout	\$43,151	\$0	\$203,307	(\$160,156)
6 Acquisition	(\$1,125,638)	\$0	\$0	(\$1,125,638)
Total	\$13,528,617	\$1,555,672	\$13,869,264	\$1,215,025

NARRATIVES

Current Scope

Hanford at Rainier and Bayview North - This project will construct a 0.34-million gallon, off-line storage tank and install conveyance that will divert flows during storm events from the Hanford trunk to the Bayview tunnel. The main components of this project include:
Hanford@Rainier CSO -- 1) 0.34-MG offline storage tank with pumps to empty the storage tank; 2) Modifications to the existing Hanford@Rainier Overflow Structure
Bayview North CSO -- 1) Conveyance from Bayview North Overflow Structure to Bayview Tunnel; 2) Modifications to the existing Bayview North Overflow Structure

Project Justification

The Hanford and Bayview conveyance systems do not currently meet Ecology requirements for a controlled facility and is required under consent decree to comply. Completing this project will bring the facility under control and into compliance with Ecology standards and protects public health and safety by reducing overflows and improving water quality in the Duwamish waterway.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WTC HANFD AT RAINIER & BVIEW N

1116802

Budget Request Basis

The appropriation request is based on analysis of project schedule, spending, contingency, budget carryover amount and the timing of property acquisition and implementation contracting.

Project Status

Construction notice to proceed was issued May 16, 2016.

Alternatives Analysis

For the Bayview site, different pipeline diversion layouts were evaluated. The preferred alternative was selected due to construction cost, length of diversion, and the least utility impacts. This alternative was also chosen, because it reused a mostly abandoned 48-inch brick sewer which significantly reduced construction costs and impacts to the surrounding community. For the Hanford site, different tank and building configurations were evaluated including equipment fully below grade, equipment partially below grade, and equipment fully above grade. The selected alternative was for equipment partially below grade due to reduced above ground impacts, while keeping critical equipment above grade and out of flooding risk (i.e. generator).

Funding and Revenue Discussion

Other Agency Involvement

The Washington State Department of Ecology is involved due to a the CSO consent decree, and SRF loan funding of the project. City of Seattle is involved for numerous permits on the project. Contractor-obtained permits from the City of Seattle could impact the project schedule if permit delays occur.

Art Eligibility

Yes. The art budget for this project has already been contributed.

Equity and Social Justice Impact

The social justice and equity aspects of this project include engagement and support of local organizations. Our project is sponsoring a mentoring program through the Vietnamese Friendship Association for Franklin High school students to provide exposure to our work through job shadowing and community relations efforts related to our project. Our project will also include street and sidewalk improvement to enhance mobility and access to existing facilities such as the Mt. Baker transit station. Project area's access to equity determinants assessed prior to alternative selection. Project public involvement plan incorporates County best practices for equitable outreach (e.g. demographic analysis, collaboration with Community Based Organizations, increased educational opportunities and/or culturally appropriate information gathering as applicable). Information gathered during public involvement effort incorporated into County decision-making. We are implementing an ESJ Assessment protocol for all projects and developed an associated Assessment table and survey that fully implements ESJ practices into capital projects. Additional information is outlined in the 2017-2018 Wastewater Treatment Division Business Plan and ESJ work plan.

Strategic Climate Action Plan Alignment

Project will strive for the Platinum level on the Sustainability Scorecard by considering energy efficiency, water conservation, use of sustainable materials, environmental health, community quality of life, equity and social justice. Project will also maximize construction and demolition waste diversion from landfills by striving for an 80% - 85% diversion rate. These actions contribute to SCAP Green Building Goal Area targets and strategies. The additional cost associated with achieving LEED or scorecard certification is \$0. The green building and sustainable development strategies employed in this project are: use low emitting materials and paints; FSC Certified wood; use of variable capacity design; use of pre-fabricated elements; erosion and sediment management beyond required code; minimized environmental impacts in site design; use of Green Stormwater Infrastructure site drainage design; all new energized equipment to meet or exceed WTD target for energy efficiency; facility only operates 8-10 times per year; replaced impervious area with 65% native landscaping; building footprint and paved area is reduced by 53%; minimized impervious area and building footprint to reduce runoff to less than 5,000 sf of new impervious surfaces.

Operating Budget Impacts

No operating budget impacts are expected.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WTC GEORGETOWN WET WEATHER TS

1121402

MPA Reporting, Baseline Required, Green Building Reporting, Art Eligible

Department	NATURAL RESOURCES AND PARKS
Council District(s)	8, 9
Fund	3611 WATER QUALITY CONST-UNRES
Class Code	STANDALONE
Substantial Completion	02/28/2022
Location	A site has been selected for the treatment facility at the intersection of 4th Ave S, S Michigan and East Marginal Way.
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/07/13 - 06/11/13	\$579,223	\$0	\$0	\$0	\$579,223
2 Preliminary Design 06/11/13 - 04/19/16	\$13,267,393	\$0	\$0	\$0	\$13,267,393
3 Final Design 04/19/16 - 11/21/17	\$17,520,893	\$26,127,044	\$0	\$0	\$43,647,937
4 Implementation 11/03/17 - 12/23/22	\$3,150,001	\$187,250,048	\$0	\$0	\$190,400,049
5 Closeout 12/23/22 - 12/17/24	\$1	\$0	\$0	\$818,510	\$818,511
6 Acquisition 04/18/15 - 12/16/16	\$12,000,000	\$0	\$0	\$0	\$12,000,000
Total Budget	\$46,517,511	\$213,377,092	\$0	\$818,510	\$260,713,113

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$730,036	\$0	\$0	\$730,036

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39199 - DEBT PROCEEDS TRANSFER	\$213,377,092	\$0	\$0	\$213,377,092
Total Revenue	\$213,377,092	\$0	\$0	\$213,377,092

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		WTC GEORGETOWN WET WEATHER TS				1121402
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$579,223	\$0	\$0	\$0	\$0	\$579,223
2 Prelim Design	\$11,424,655	\$0	\$0	\$0	\$0	\$11,424,655
3 Final Design	\$0	\$13,208,319	\$14,472,286	\$2,391,882	\$111,254	\$30,183,741
4 Implementation	\$9,221	\$337,336	\$28,137,314	\$68,929,116	\$107,947,643	\$205,360,630
5 Closeout	\$0	\$0	\$0	\$0	\$625,223	\$625,223
6 Acquisition	\$4,767,082	\$3,421,422	\$3,524,065	\$0	\$0	\$11,712,569
Total Expense	\$16,780,182	\$16,967,077	\$46,133,665	\$71,320,998	\$108,684,120	\$259,886,042

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$579,218	\$579,218	\$579,223	\$579,223	\$579,223
2 Preliminary Design	\$11,352,431	\$11,352,431	\$11,424,655	\$13,267,393	\$11,424,655
3 Final Design	\$26,364,748	\$30,235,590	\$0	\$17,520,893	\$13,208,319
4 Implementation	\$208,751,871	\$206,140,386	\$9,221	\$3,150,001	\$346,557
5 Closeout	\$1,952,276	\$692,919	\$0	\$1	\$0
6 Acquisition	\$11,712,569	\$11,712,569	\$4,767,082	\$12,000,000	\$8,188,504
Total	\$260,713,113	\$260,713,113	\$16,780,181	\$46,517,511	\$33,747,258

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$1,842,738	\$0	\$0	\$1,842,738
3 Final Design	\$4,312,574	\$26,127,044	\$14,472,286	\$15,967,332
4 Implementation	\$2,803,444	\$187,250,048	\$28,137,314	\$161,916,178
5 Closeout	\$1	\$0	\$0	\$1
6 Acquisition	\$3,811,496	\$0	\$3,524,065	\$287,431
Total	\$12,770,253	\$213,377,092	\$46,133,665	\$180,013,680

NARRATIVES	WTC GEORGETOWN WET WEATHER TS	1121402
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Current Scope

Georgetown Wet Weather Treatment Station - The project consists of building a Wet Weather Treatment Station (WWTS), conveyance pipelines, and outfall structure to treat Combined Sewer Overflows (CSO's) prior to discharge into the Lower Duwamish Waterway. The WWTS includes an influent pump station, equalization basin, screening facility, CSO treatment process, and disinfection. Modifications to both the S. Brandon St. and S. Michigan St. Regulator Stations will be required for diversion of flows to the WWTS. Ancillary facilities include an odor control facility, electrical/controls building, and emergency generator. CSO treatment will consist of high rate primary treatment followed by ultra violet disinfection prior to discharge.

Project Justification

The 2012 CSO Control Plan calls for completion of 9 CSO projects by 2030 and the Georgetown project is one of two CSO treatment facilities in the Lower Duwamish. The project has stipulated schedule milestones under a Consent Decree with the Department of Justice. The project schedule and sizing incorporates the requirements set forth in the Consent Decree.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WTC GEORGETOWN WET WEATHER TS

1121402

Budget Request Basis

The appropriation request is based on analysis of project schedule, spending, contingency, budget carryover amount and the timing of property acquisition and implementation contracting..

Project Status

Optimization (value engineering) of the 30% design was completed in January of 2016. Gate 3 baseline approved April, 2016. 60% design is estimated to be complete in late September of 2016. Site demolition contract will be put out to bid by December of 2016. Construction for the treatment station package will be advertised in mid-2017.

Alternatives Analysis

As part of an independent review of the project, Carollo Engineers re-evaluated the assumptions identified in the project Charter and Long-term CSO Control Plan and identified several alternatives including GSI, storage, and treatment. This review concluded that CSO treatment was the most appropriate alternative. The team identified several conveyance alternatives coupled with treatment station locations and received Gate 2 approval on the recommended alternative. Another independent team, MWH consulting engineers, evaluated the alternatives and concurred with Carollo's assessment.

Funding and Revenue Discussion

Other Agency Involvement

WLRD -Superfund coordination, conducting CSO sampling, Duwamish current monitoring and assisting with sediment sampling to support design. SWD - Assisting with demolition plans. KC Auditor - Providing project oversight. KC Industrial Waste - Construction dewatering and stormwater discharge permitting. City of Seattle - Permitting, utility coordination. United States Army Corp - Permitting. Muckleshoot Indian Tribe - Permitting. WSDOT - Permitting and design coordination. Washington Department of Ecology - Permitting, Facility Plan review, construction document review, and Consent Decree administration. EPA - Superfund coordination and Consent Decree administration. WDFW - Permitting. PSCAA - Permitting.

Art Eligibility

Yes.

Equity and Social Justice Impact

An Equity and Social Justice (ESJ) plan has been developed to access and assist in addressing any ESJ impacts related to the development and operation of this wastewater treatment facility. Project area's demographics and access to equity determinants assessed for use in facility design. Project-specific ESJ plan developed. Project public involvement plan incorporates County best practices for equitable outreach (e.g. demographic analysis, collaboration with Community Based Organizations, increased educational opportunities and/or culturally appropriate information gathering as applicable). Information gathered during public involvement effort incorporated into County decision-making. We are implementing an ESJ Assessment protocol for all projects and developed an associated Assessment table and survey that fully implements ESJ practices into capital projects. Additional information is outlined in the 2017-2018 Wastewater Treatment Division Business Plan and ESJ work plan.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WTC GEORGETOWN WET WEATHER TS

1121402

Strategic Climate Action Plan Alignment

In preparing for climate change, the Facility will increase WTD system operational flexibility. It builds system resiliency in the face of potential increased (# and duration) rain events. It increases system treatment for CSO's. Project is working towards a third-party verification through the Envision Sustainable Infrastructure Rating System. Design includes energy efficiency, renewable energy (solar panels) and potable water conservation components, as well as robust site stormwater management (including a green roof) and community quality of life/equity and social justice strategies. Project will also maximize construction and demolition waste diversion from landfills by striving for an 80% - 85% diversion rate. These actions contribute to SCAP Green Building Goal Area targets and strategies. The rating level targeted for this project is Platinum. The additional cost associated with achieving LEED or scorecard certification is \$700,000. The green building and sustainable development strategies employed in this project are Equity and Social Justice Plan, including increasing vegetation in and around the project site, reducing air pollution (eliminated two large generators, etc.), creating quality educational opportunities during design, construction and operations, keeping relocated businesses in Georgetown, providing job training where possible, engaging and employing minority-owned businesses and consultants, etc. Will engage children in construction fencing mural project, and providing public art. Power monitoring, and maximized energy efficiency via minimization of enclosed building areas, use of VFD's, etc. Maximized construction and demolition waste diversion, use of LED lights, minimized light pollution, environmental mitigation, GSI elements onsite, incorporating sea-level rise projections into design, etc.

Operating Budget Impacts

Anticipated to increase the overall operating budget as Georgetown is a completely new facility. The first year of operations is expected to occur in 2022. Annual operating expenses are expected to be approximately \$850,000.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WTC IPS HIGH VOLT SG REPL

1121404

Green Building Reporting

Department	NATURAL RESOURCES AND PARKS
Council District(s)	5
Fund	3611 WATER QUALITY CONST-UNRES
Class Code	STANDALONE
Substantial Completion	12/31/2018
Location	South Treatment Plant
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 05/30/13 - 08/12/14	\$29,775	\$0	\$0	\$0	\$29,775
2 Preliminary Design 08/12/14 - 10/03/16	\$143,478	\$92,297	\$0	\$0	\$235,775
3 Final Design 10/03/16 - 07/14/17	\$635,228	\$797,880	\$0	\$0	\$1,433,108
4 Implementation 07/14/17 - 06/17/19	\$2,108,442	\$2,617,947	\$79,568	\$0	\$4,805,957
5 Closeout 06/17/19 - 12/31/19	\$93,277	\$4,023	\$45,861	\$0	\$143,161
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$3,010,200	\$3,512,147	\$125,429	\$0	\$6,647,776

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39199 - DEBT PROCEEDS TRANSFER	\$3,512,147	\$0	\$0	\$3,512,147
Total Revenue	\$3,512,147	\$0	\$0	\$3,512,147

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		WTC IPS HIGH VOLT SG REPL				1121404
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$34,935	\$0	\$0	\$0	\$0	\$34,935
2 Prelim Design	\$94,117	\$263,950	\$92,297	\$0	\$0	\$450,364
3 Final Design	\$0	\$96,599	\$1,016,123	\$56,197	\$0	\$1,168,919
4 Implementation	\$0	\$20,206	\$3,752,561	\$1,169,809	\$0	\$4,942,576
5 Closeout	\$0	\$1,097	\$4,023	\$45,861	\$0	\$50,981
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$129,052	\$381,852	\$4,865,004	\$1,271,867	\$0	\$6,647,775

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$34,935	\$29,775	\$34,935
2 Preliminary Design	\$0	\$0	\$94,117	\$143,478	\$358,067
3 Final Design	\$0	\$0	\$0	\$635,228	\$96,599
4 Implementation	\$0	\$0	\$0	\$2,108,442	\$20,206
5 Closeout	\$0	\$0	\$0	\$93,277	\$1,097
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$129,052	\$3,010,200	\$510,904

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$5,160)	\$0	\$0	(\$5,160)
2 Preliminary Design	(\$214,589)	\$92,297	\$92,297	(\$214,589)
3 Final Design	\$538,629	\$797,880	\$1,016,123	\$320,386
4 Implementation	\$2,088,236	\$2,617,947	\$3,752,561	\$953,622
5 Closeout	\$92,180	\$4,023	\$4,023	\$92,180
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$2,499,296	\$3,512,147	\$4,865,004	\$1,146,439

NARRATIVES WTC IPS HIGH VOLT SG REPL 1121404

Current Scope

Influent Pump Station High Voltage Switchgear Replacement - This project is to replace the high voltage (15kV) switchgear 137,035 in the South Treatment Plant Influent Pump Building that supports the Raw Sewage Pumping equipment.

Project Justification

Switchgear 137,035 has been in service since 1964 and is beyond its estimated useful life. The "B" side of the switchgear has failed twice which reduces the plants pumping capacity by 50% until repairs are made. Fortunately these two failures were in the dry season which avoided overflows. Any failure of the A or B switchgear during high flow periods (150MGD+) would most likely result in overflows and discharge of raw sewage into the Green River, violating the NPDES Permit. Maintenance of the switchgear is difficult due to lack of availability of spare parts.

Budget Request Basis

The appropriation request is based on analysis of project schedule, spending, contingency, budget carryover amount and the timing of property acquisition and implementation contracting.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WTC IPS HIGH VOLT SG REPL

1121404

Project Status

Alternatives analysis was completed and Gate 2 was approved February 9, 2016 by the WTD Capital Systems Team. Design to be completed by mid 2017 followed by construction contract advertisement. Consultant procurement will start in July 2016.

Alternatives Analysis

There were seven alternatives originally considered. Two were eliminated in the preliminary stage due to building structural limitations and plant operational issues. The remaining five were developed more fully to identify constraints, costs and alignment with the evaluation criteria. Three alternatives were located in the existing building and two were located outside the building in self-contained equipment enclosures. The evaluation criteria were operations, maintenance, construction cost, and plant operational risk during construction. Based on these criteria the alternative of locating the switchgear outside of the existing facility in an equipment enclosure was selected. The overriding differentiator was the reduction of plant operational risk. This equipment powers the raw sewage pumps and support systems and is mission critical to the operation of the plant. Existing equipment needs to be in service at all times or an alternative source of power would have to be supplied. By locating the new equipment outside of the building it allows the construction to proceed while minimizing the risk to the operation of the plant.

Funding and Revenue Discussion

Other Agency Involvement

There are no external to agencies involved in this project.

Art Eligibility

No. Project is for equipment replacement.

Equity and Social Justice Impact

N/A. Inside of existing plant boundaries. No odor or transportation impact.

Strategic Climate Action Plan Alignment

Project will strive for the Platinum level on the Sustainability Scorecard by considering energy efficiency, water conservation, use of sustainable materials, environmental health, community quality of life, equity and social justice. Project will also maximize construction and demolition waste diversion from landfills by striving for an 80% - 85% diversion rate. These actions contribute to SCAP Green Building Goal Area targets and strategies. The additional cost associated with achieving LEED or scorecard certification is \$25,000. The green building and sustainable development strategies employed in this project are not yet defined because conceptual design has not yet been performed. The project will ensure the equipment enclosure is insulated and has energy meters installed.

Operating Budget Impacts

The plant operating budget would see minor reduction in costs associated with switchgear maintenance and operation. The newer switchgear will not require the level of maintenance that is currently necessary for the existing switchgear because of its age, condition and component design. The design of the new switchgear incorporates a greater level of fault protection and switching capability which will address operational limitations due to safety requirements placed on the existing switchgear.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WTC WEST DUWAMISH CSO CONTROL

1121409

Green Building Reporting, Art Eligible

Department	NATURAL RESOURCES AND PARKS
Council District(s)	8
Fund	3611 WATER QUALITY CONST-UNRES
Class Code	STANDALONE
Substantial Completion	12/31/2020
Location	West Michigan and T115 CSO basins. Highland Park and South Park neighborhoods.
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 06/01/15 - 06/10/15	\$76,861	\$0	\$0	\$0	\$76,861
2 Preliminary Design 06/10/15 - 03/14/17	\$412,438	\$827,926	\$0	\$0	\$1,240,364
3 Final Design 03/14/17 - 02/01/19	\$789,770	\$3,064,427	\$0	\$0	\$3,854,197
4 Implementation 02/01/19 - 03/31/21	\$9,782,921	\$8,009,334	\$28,287	\$0	\$17,820,542
5 Closeout 03/31/21 - 12/31/21	\$1	\$22,426	\$173,519	\$0	\$195,946
6 Acquisition 06/30/16 - 12/30/16	\$1	\$0	\$0	\$0	\$1
Total Budget	\$11,061,992	\$11,924,113	\$201,806	\$0	\$23,187,911

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39199 - DEBT PROCEEDS TRANSFER	\$11,924,113	\$0	\$0	\$11,924,113
Total Revenue	\$11,924,113	\$0	\$0	\$11,924,113

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		WTC WEST DUWAMISH CSO CONTROL					1121409
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense	
1 Planning	\$952,123	\$0	\$0	\$0	\$0	\$952,123	
2 Prelim Design	\$25,926	\$1,062,429	\$170,643	\$0	\$0	\$1,258,998	
3 Final Design	\$0	\$286,176	\$2,407,144	\$433,613	\$0	\$3,126,933	
4 Implementation	\$30,426	\$18,918	\$1,126,771	\$7,797,851	\$8,669,006	\$17,642,972	
5 Closeout	\$2,290	\$8,650	\$22,426	\$143,715	\$29,805	\$206,886	
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0	
Total Expense	\$1,010,766	\$1,376,173	\$3,726,984	\$8,375,179	\$8,698,811	\$23,187,913	

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$952,123	\$76,861	\$952,123
2 Preliminary Design	\$0	\$0	\$25,926	\$412,438	\$1,088,355
3 Final Design	\$0	\$0	\$0	\$789,770	\$286,176
4 Implementation	\$0	\$0	\$30,426	\$9,782,921	\$49,344
5 Closeout	\$0	\$0	\$2,290	\$1	\$10,940
6 Acquisition	\$0	\$0	\$0	\$1	\$0
Total	\$0	\$0	\$1,010,765	\$11,061,992	\$2,386,938

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$875,262)	\$0	\$0	(\$875,262)
2 Preliminary Design	(\$675,917)	\$827,926	\$170,643	(\$18,634)
3 Final Design	\$503,594	\$3,064,427	\$2,407,144	\$1,160,877
4 Implementation	\$9,733,577	\$8,009,334	\$1,126,771	\$16,616,140
5 Closeout	(\$10,939)	\$22,426	\$22,426	(\$10,939)
6 Acquisition	\$1	\$0	\$0	\$1
Total	\$8,675,054	\$11,924,113	\$3,726,984	\$16,872,183

NARRATIVES WTC WEST DUWAMISH CSO CONTROL 1121409

Current Scope

West Duwamish Combined Sewer Overflow Control - Use current modeling data to determine the lowest life cycle cost approach to control West Michigan and T115 using green stormwater infrastructure, storage or some combination of the two.

Project Justification

Based on modeled and monitored data, the West Michigan CSO overflows on average 5.2 times per year and the T-115 CSO overflows on average 2.6 times per year. Both CSOs do not meet the control standard of one event per year on 20-year moving average. Controlling these two overflows is required under a federal consent decree issued by the Department of Justice and US EPA. The federal consent decree encourages, but does not mandate, the use of GSI to substitute for gray storage projects. The consent decree provides for the use of GSI when it provides a greater level of control in terms of gallons controlled and number of events in a typical year.

Budget Request Basis

The appropriation request is based on analysis of project schedule, spending, contingency, budget carryover amount and the timing of property acquisition and implementation contracting.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WTC WEST DUWAMISH CSO CONTROL

1121409

Project Status

The project team is currently conducting field measurements, additional field modeling, hydraulic analysis, preparing alternative selection criteria, identifying alternatives, and developing cost forecasts.

Alternatives Analysis

Alternative analyses are considering the use of Green Storm Water (GSI), grey water storage, system separation and combinations of all. Evaluation criteria is being prepared.

Funding and Revenue Discussion

Other Agency Involvement

EPA, Washington Department of Ecology in administration of the CSO consent decree compliance. City of Seattle, Port of Seattle, City of Seattle Parks are potentially impacted stakeholders and are being coordinated with. Other permitting agencies will be identified as the project progresses.

Art Eligibility

Yes. Art to be transferred at Alternative Analysis per agreement with 4Culture.

Equity and Social Justice Impact

An Equity and Social Justice (ESJ) plan is in development to access and assist in addressing any ESJ impacts related to the development of green stormwater infrastructure (GSI). Project area's demographics and access to equity determinants assessed for use in alternative selection. Project-specific ESJ plan will be developed. Project-specific ESJ plan developed Project public involvement plan incorporates County best practices for equitable outreach (e.g. demographic analysis, collaboration with Community Based Organizations, increased educational opportunities and/or culturally appropriate information gathering as applicable). Information gathered during public involvement effort incorporated into County decision-making. We are implementing an ESJ Assessment protocol for all projects and developed an associated Assessment table and survey that fully implements ESJ practices into capital projects. Additional information is outlined in the 2017-2018 Wastewater Treatment Division Business Plan and ESJ work plan.

Strategic Climate Action Plan Alignment

Project will strive for the Platinum level on the Sustainability Scorecard by considering energy efficiency, water conservation, use of sustainable materials, environmental health, community quality of life, equity and social justice. Project will also maximize construction and demolition waste diversion from landfills by striving for an 80% - 85% diversion rate. These actions contribute to SCAP Green Building Goal Area targets and strategies. The additional cost associated with achieving LEED or scorecard certification is \$88,000. The green building and sustainable development strategies employed in this project are to be determined -- project is pre-Eco Charrette.

Operating Budget Impacts

The operating budget has not been calculated. This project is expected to increase the operating budget because of the new infrastructure installation.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WTC UNIVERSITY GSI

1121410

Art Eligible

Department	NATURAL RESOURCES AND PARKS
Council District(s)	4
Fund	3611 WATER QUALITY CONST-UNRES
Class Code	STANDALONE
Substantial Completion	10/30/2020
Location	University CSO Basin. Green Lake, Ravenna and University neighborhoods.
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 09/30/12 - 09/05/16	\$183,335	\$81,270	\$0	\$0	\$264,605
2 Preliminary Design 09/05/16 - 09/05/17	\$356,975	\$1,989,369	\$0	\$0	\$2,346,344
3 Final Design 09/05/17 - 10/31/18	\$18,315	\$3,998,725	\$0	\$0	\$4,017,040
4 Implementation 10/31/18 - 12/31/20	\$1,569,133	\$21,028,759	\$1,376,885	\$0	\$23,974,777
5 Closeout 12/31/20 - 04/30/21	\$1	\$0	\$79,746	\$0	\$79,747
6 Acquisition	\$1	\$0	\$0	\$0	\$1
Total Budget	\$2,127,760	\$27,098,123	\$1,456,631	\$0	\$30,682,514

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39199 - DEBT PROCEEDS TRANSFER	\$27,098,123	\$0	\$0	\$27,098,123
Total Revenue	\$27,098,123	\$0	\$0	\$27,098,123

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		WTC UNIVERSITY GSI				1121410
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$810,494	\$193,748	\$81,270	\$0	\$0	\$1,085,512
2 Prelim Design	\$8,182	\$345,253	\$1,116,232	\$0	\$0	\$1,469,667
3 Final Design	\$0	\$193,327	\$2,791,421	\$334,166	\$0	\$3,318,914
4 Implementation	\$33,073	\$1,896	\$652,636	\$22,041,070	\$2,000,000	\$24,728,675
5 Closeout	\$0	\$0	\$36,563	\$43,182	\$0	\$79,745
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$851,749	\$734,224	\$4,678,122	\$22,418,418	\$2,000,000	\$30,682,513

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$810,494	\$183,335	\$1,004,242
2 Preliminary Design	\$0	\$0	\$8,182	\$356,975	\$353,435
3 Final Design	\$0	\$0	\$0	\$18,315	\$193,327
4 Implementation	\$0	\$0	\$33,073	\$1,569,133	\$34,969
5 Closeout	\$0	\$0	\$0	\$1	\$0
6 Acquisition	\$0	\$0	\$0	\$1	\$0
Total	\$0	\$0	\$851,749	\$2,127,760	\$1,585,973

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$820,907)	\$81,270	\$81,270	(\$820,907)
2 Preliminary Design	\$3,540	\$1,989,369	\$1,116,232	\$876,677
3 Final Design	(\$175,012)	\$3,998,725	\$2,791,421	\$1,032,292
4 Implementation	\$1,534,164	\$21,028,759	\$652,636	\$21,910,287
5 Closeout	\$1	\$0	\$36,563	(\$36,562)
6 Acquisition	\$1	\$0	\$0	\$1
Total	\$541,787	\$27,098,123	\$4,678,122	\$22,961,788

NARRATIVES WTC UNIVERSITY GSI 1121410

Current Scope

University Green Stormwater Infrastructure - The Combined Sewer Overflow (CSO) Long-term Control Plan (LTCP) recommends green stormwater infrastructure (GSI) and a wet weather storage facility to control the University CSO location to the state standard of one event per year. The size and cost of this storage facility may be reduced through the use of GSI. This project is for the GSI element of control facilities at the University CSO location.

Project Justification

The University CSO location does not meet the control standard of one event per year over a 20-year moving average. Under the CSO LTCP, GSI is identified to reduce the size of the planned University CSO wet weather storage. University GSI is recommended as part of the Council-approved 2012 CSO LTCP.

Budget Request Basis

The appropriation request is based on analysis of project schedule, spending, contingency, budget carryover amount and the timing of property acquisition and implementation contracting.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WTC UNIVERSITY GSI

1121410

Project Status

Geotechnical explorations occurred fourth quarter 2015 and first and second quarter 2016. Engineering teams have been evaluating rights of way for GSI accommodation and selection of different best management practices. A planning level implementation report is due third quarter 2016. RainWise has been active in this area since second quarter 2015. For more information about the RainWise Program see <http://www.700milliongallons.org/rainwise/learn-about-rainwise/>

Alternatives Analysis

Alternatives analysis for GSI will be part of the design scope of work to start first quarter 2017. A contract for consultant support for design is estimated to be issued in fourth quarter 2016.

Funding and Revenue Discussion

Other Agency Involvement

Streets identified for GSI will be shared with Seattle Department of Transportation (SDOT) for any potential partnership opportunities.

Art Eligibility

Yes. Art to be transferred at Alternative Analysis per agreement with 4Culture.

Equity and Social Justice Impact

An Equity and Social Justice (ESJ) plan is in development to access and assist in addressing any ESJ impacts related to the development of GSI. WTD is implementing an ESJ assessment protocol for all projects and developed an associated assessment table and survey that fully implements ESJ practices into capital projects. Additional information is outlined in the 2017-2018 WTD Business Plan and ESJ work plan.

Strategic Climate Action Plan Alignment

This project will strive for the Platinum level on the Sustainability Scorecard by considering energy efficiency, water conservation, and use of sustainable materials, environmental health, community quality of life, equity and social justice. Greenhouse gas (GHG) emissions will be compared to a storage only alternative to identify GHG savings from the use of GSI. These actions contribute to SCAP targets and strategies. This project will incorporate Envision sustainability rating system strategies into design and consider pursuing certification under the Envision Rating System. The green building and sustainable development strategies considered in this project are energy efficiency, water conservation, use of sustainable materials, environmental health, community quality of life, equity and social justice.

Operating Budget Impacts

GSI installations are maintained by WTD. At this time, landscape maintenance work is contracted out to a third party. During design an estimated maintenance cost will be given to the finance office for inclusion in operating budgets once the project construction is complete.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WTC MONTLAKE GSI

1121411

Art Eligible

Department	NATURAL RESOURCES AND PARKS
Council District(s)	2
Fund	3611 WATER QUALITY CONST-UNRES
Class Code	STANDALONE
Substantial Completion	10/30/2020
Location	Montlake CSO Basin. Madison Park and Garfield neighborhoods.
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 09/30/12 - 09/05/16	\$183,335	\$36,490	\$0	\$0	\$219,825
2 Preliminary Design 09/05/16 - 09/05/17	\$356,975	\$1,940,390	\$0	\$0	\$2,297,365
3 Final Design 09/05/17 - 10/31/18	\$18,315	\$4,042,107	\$0	\$0	\$4,060,422
4 Implementation 10/31/18 - 12/31/20	\$1,473,000	\$20,442,761	\$294,651	\$0	\$22,210,412
5 Closeout 12/31/20 - 04/30/21	\$1	\$0	\$63,859	\$0	\$63,860
6 Acquisition	\$1	\$0	\$0	\$0	\$1
Total Budget	\$2,031,627	\$26,461,748	\$358,510	\$0	\$28,851,885

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39199 - DEBT PROCEEDS TRANSFER	\$26,461,748	\$0	\$0	\$26,461,748
Total Revenue	\$26,461,748	\$0	\$0	\$26,461,748

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		WTC MONTLAKE GSI				1121411
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$570,684	\$218,506	\$36,490	\$0	\$0	\$825,680
2 Prelim Design	\$0	\$346,267	\$965,195	\$0	\$0	\$1,311,462
3 Final Design	\$0	\$182,438	\$2,725,099	\$341,813	\$0	\$3,249,350
4 Implementation	\$938	\$2,335	\$462,489	\$21,361,230	\$1,574,541	\$23,401,533
5 Closeout	\$0	\$0	\$14,260	\$49,599	\$0	\$63,859
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$571,622	\$749,546	\$4,203,533	\$21,752,642	\$1,574,541	\$28,851,884

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$570,684	\$183,335	\$789,190
2 Preliminary Design	\$0	\$0	\$0	\$356,975	\$346,267
3 Final Design	\$0	\$0	\$0	\$18,315	\$182,438
4 Implementation	\$0	\$0	\$938	\$1,473,000	\$3,273
5 Closeout	\$0	\$0	\$0	\$1	\$0
6 Acquisition	\$0	\$0	\$0	\$1	\$0
Total	\$0	\$0	\$571,622	\$2,031,627	\$1,321,168

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$605,855)	\$36,490	\$36,490	(\$605,855)
2 Preliminary Design	\$10,708	\$1,940,390	\$965,195	\$985,903
3 Final Design	(\$164,123)	\$4,042,107	\$2,725,099	\$1,152,885
4 Implementation	\$1,469,727	\$20,442,761	\$462,489	\$21,449,999
5 Closeout	\$1	\$0	\$14,260	(\$14,259)
6 Acquisition	\$1	\$0	\$0	\$1
Total	\$710,459	\$26,461,748	\$4,203,533	\$22,968,674

NARRATIVES	WTC MONTLAKE GSI	1121411
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Current Scope

Montlake Green Stormwater Infrastructure - The Combined Sewer Overflow (CSO) Long-term Control Plan (LTCP) recommends green stormwater infrastructure (GSI) and a wet weather storage facility to control the Montlake CSO location to the state standard of one event per year. The size and cost of this storage facility may be reduced through the use of GSI. This project is for the GSI element of control facilities at the Montlake CSO location.

Project Justification

The Montlake CSO location does not meet the control standard of one event per year over a 20-year moving average. Under the CSO LTCP, GSI is identified to reduce the size of the planned Montlake CSO wet weather storage. Montlake GSI is recommended as part of the Council-approved 2012 CSO LTCP.

Budget Request Basis

The appropriation request is based on analysis of project schedule, spending, contingency, budget carryover amount and the timing of property acquisition and implementation contracting.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WTC MONTLAKE GSI

1121411

Project Status

Geotechnical explorations occurred fourth quarter 2015 and first and second quarter 2016. Engineering teams have been evaluating rights of way for GSI accommodation and selection of different best management practices. A planning level implementation report is due third quarter 2016. RainWise has been active in this area since second quarter 2015. For more information about the RainWise Program see <http://www.700milliongallons.org/rainwise/learn-about-rainwise/>

Alternatives Analysis

Alternatives analysis for GSI will be part of the design scope of work to start first quarter 2017. A contract for consultant support for design is estimated to be issued in fourth quarter 2016.

Funding and Revenue Discussion

Other Agency Involvement

Streets identified for GSI will be shared with Seattle Department of Transportation (SDOT) for any potential partnership opportunities.

Art Eligibility

Yes. Art to be transferred at Alternative Analysis per agreement with 4Culture.

Equity and Social Justice Impact

An Equity and Social Justice (ESJ) plan is in development to access and assist in addressing any ESJ impacts related to the development of GSI. WTD is implementing an ESJ assessment protocol for all projects and developed an associated assessment table and survey that fully implements ESJ practices into capital projects. Additional information is outlined in the 2017-2018 WTD Business Plan and ESJ work plan.

Strategic Climate Action Plan Alignment

This project will strive for the Platinum level on the Sustainability Scorecard by considering energy efficiency, water conservation, and use of sustainable materials, environmental health, community quality of life, equity and social justice. Greenhouse gas (GHG) emissions will be compared to a storage only alternative to identify GHG savings from the use of GSI. These actions contribute to SCAP targets and strategies. This project will incorporate Envision sustainability rating system strategies into design and consider pursuing certification under the Envision Rating System. The green building and sustainable development strategies considered in this project are energy efficiency, water conservation, use of sustainable materials, environmental health, community quality of life, equity and social justice.

Operating Budget Impacts

GSI installations are maintained by WTD. At this time, landscape maintenance work is contracted out to a third party. During design an estimated maintenance cost will be given to the finance office for inclusion in operating budgets once the project construction is complete.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WTC E FLEET MAINT FAC REPLCMNT

1123517

Green Building Reporting, Art Eligible

Department	NATURAL RESOURCES AND PARKS
Council District(s)	3
Fund	3611 WATER QUALITY CONST-UNRES
Class Code	STANDALONE
Substantial Completion	08/31/2018
Location	46900 SE 146th, North Bend, WA 98045 Parcels 226750-0030 and 226750-0040
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 09/01/14 - 03/09/15	\$25,000	\$0	\$0	\$0	\$25,000
2 Preliminary Design 03/09/15 - 10/11/16	\$359,763	\$0	\$0	\$0	\$359,763
3 Final Design 10/11/16 - 10/27/17	\$1,706,537	\$629,329	\$0	\$0	\$2,335,866
4 Implementation 10/27/17 - 10/31/18	\$2,923,364	\$1,742,491	\$0	\$0	\$4,665,855
5 Closeout 10/31/18 - 04/26/19	\$1	\$27,081	\$0	\$0	\$27,082
6 Acquisition 09/30/14 - 02/16/15	\$2,610,000	\$0	\$0	\$0	\$2,610,000
Total Budget	\$7,624,665	\$2,398,901	\$0	\$0	\$10,023,566

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$63,139	\$0	\$0	\$63,139

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39199 - DEBT PROCEEDS TRANSFER	\$2,398,901	\$0	\$0	\$2,398,901
Total Revenue	\$2,398,901	\$0	\$0	\$2,398,901

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		WTC E FLEET MAINT FAC REPLCMNT					1123517
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense	
1 Planning	\$140,069	\$0	\$0	\$0	\$0	\$140,069	
2 Prelim Design	\$43,862	\$375,327	\$0	\$0	\$0	\$419,189	
3 Final Design	\$0	\$391,618	\$629,329	\$0	\$0	\$1,020,947	
4 Implementation	\$0	\$40,909	\$6,007,590	\$0	\$0	\$6,048,499	
5 Closeout	\$0	\$0	\$27,081	\$0	\$0	\$27,081	
6 Acquisition	\$2,344,029	\$0	\$0	\$0	\$0	\$2,344,029	
Total Expense	\$2,527,960	\$807,854	\$6,664,000	\$0	\$0	\$9,999,814	

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$140,069	\$25,000	\$140,069
2 Preliminary Design	\$0	\$0	\$43,862	\$359,763	\$419,189
3 Final Design	\$0	\$0	\$0	\$1,706,537	\$391,618
4 Implementation	\$0	\$0	\$0	\$2,923,364	\$40,909
5 Closeout	\$0	\$0	\$0	\$1	\$0
6 Acquisition	\$0	\$0	\$2,344,029	\$2,610,000	\$2,344,029
Total	\$0	\$0	\$2,527,960	\$7,624,665	\$3,335,814

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$115,069)	\$0	\$0	(\$115,069)
2 Preliminary Design	(\$59,426)	\$0	\$0	(\$59,426)
3 Final Design	\$1,314,919	\$629,329	\$629,329	\$1,314,919
4 Implementation	\$2,882,455	\$1,742,491	\$6,007,590	(\$1,382,644)
5 Closeout	\$1	\$27,081	\$27,081	\$1
6 Acquisition	\$265,971	\$0	\$0	\$265,971
Total	\$4,288,851	\$2,398,901	\$6,664,000	\$23,752

NARRATIVES

WTC E FLEET MAINT FAC REPLCMNT

1123517

Current Scope

East Fleet Maintenance Facility Replacement - This project entails acquiring property, obtaining permits and constructing a new biosolids truck parking, maintenance, and repair facility. The site will accommodate a vehicle maintenance building, vehicle parking, vehicle electrification, materials storage, and landscaping.

Project Justification

WTD must find a replacement site for the existing leased biosolids truck staging/maintenance facility in Georgetown. The King County Airport is required to allow Seattle City Light to redevelop our current maintenance shop site to make way for a new Georgetown Steam Plant Museum & Community Center. It will be vitally important that the new site is located in an area that will reduce driving times between Regional Treatment Plants and Eastern Washington where the biosolids are offloaded.

Budget Request Basis

The appropriation request is based on analysis of project schedule, spending, contingency, budget carryover amount and the timing of property acquisition and implementation contracting.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	WTC E FLEET MAINT FAC REPLCMNT	1123517
Project Status		
The project is planned to proceed through preliminary design, baseline, and 60% design milestones in 2016. Baseline establishment is planned for October 2016. Construction planned to advertise mid-2017.		
Alternatives Analysis		
The ROW group evaluated different properties in determining the final site location. In addition, the project team evaluated the current alternative against the "do nothing" alternative.		
Funding and Revenue Discussion		
Other Agency Involvement		
City of North Bend will be the permitting agency on this project.		
Art Eligibility		
Yes.		
Equity and Social Justice Impact		
We are implementing an ESJ Assessment protocol for all projects and developed an associated Assessment table and survey that fully implements ESJ practices into capital projects. Additional information is outlined in the 2017-2018 Wastewater Treatment Division Business Plan and ESJ work plan.		
Strategic Climate Action Plan Alignment		
This project anticipates lowering the consumption of fuel for the trucks by lowering the total travel mileage required. The building will be LEED certified. The rating level targeted for this project is Platinum. The additional cost associated with achieving LEED or scorecard certification is \$200,000. The green building and sustainable development strategies employed in this project will be determined with design development.		
Operating Budget Impacts		
No impacts are expected.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WTC COAL CRK SIPHON TRUNK PARA

1123624

Green Building Reporting

Department	NATURAL RESOURCES AND PARKS
Council District(s)	9
Fund	3611 WATER QUALITY CONST-UNRES
Class Code	STANDALONE
Substantial Completion	08/14/2024
Location	Bellevue, Coal Creek Trunk
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/01/15 - 08/26/16	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design 08/26/16 - 08/31/18	\$763,874	\$6,572,304	\$0	\$0	\$7,336,178
3 Final Design 08/31/18 - 07/07/21	\$625,441	\$6,081,121	\$3,227,208	\$357,230	\$10,291,000
4 Implementation 07/07/21 - 12/31/24	\$0	\$108,447	\$10,355,594	\$57,484,962	\$67,949,003
5 Closeout 12/31/24 - 05/30/25	\$0	\$0	\$5,177	\$1,337	\$6,514
6 Acquisition	\$0	\$0	\$225,102	\$0	\$225,102
Total Budget	\$1,389,315	\$12,761,872	\$13,813,081	\$57,843,529	\$85,807,797

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39199 - DEBT PROCEEDS TRANSFER	\$12,761,872	\$0	\$0	\$12,761,872
Total Revenue	\$12,761,872	\$0	\$0	\$12,761,872

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		WTC COAL CRK SIPHON TRUNK PARA					1123624
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense	
1 Planning	\$8,913	\$0	\$0	\$0	\$0	\$8,913	
2 Prelim Design	\$16,530	\$546,126	\$2,572,304	\$0	\$0	\$3,134,960	
3 Final Design	\$0	\$286,435	\$2,081,121	\$4,227,208	\$357,230	\$6,951,994	
4 Implementation	\$0	\$43,938	\$108,447	\$688,454	\$27,438,718	\$28,279,557	
5 Closeout	\$0	\$0	\$0	\$5,177	\$1,337	\$6,514	
6 Acquisition	\$0	\$0	\$0	\$225,102	\$0	\$225,102	
Total Expense	\$25,442	\$876,499	\$4,761,872	\$5,145,941	\$27,797,285	\$38,607,039	

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$8,913	\$0	\$8,913
2 Preliminary Design	\$0	\$0	\$16,530	\$763,874	\$562,656
3 Final Design	\$0	\$0	\$0	\$625,441	\$286,435
4 Implementation	\$0	\$0	\$0	\$0	\$43,938
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$25,443	\$1,389,315	\$901,942

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$8,913)	\$0	\$0	(\$8,913)
2 Preliminary Design	\$201,218	\$6,572,304	\$2,572,304	\$4,201,218
3 Final Design	\$339,006	\$6,081,121	\$2,081,121	\$4,339,006
4 Implementation	(\$43,938)	\$108,447	\$108,447	(\$43,938)
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$487,373	\$12,761,872	\$4,761,872	\$8,487,373

NARRATIVES	WTC COAL CRK SIPHON TRUNK PARA	1123624
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Current Scope

Coal Creek Siphon Trunk Parallel - This project will increase the capacity of the downstream half of Coal Creek Trunk. The trunk to be upgraded is 7,100 lineal feet, ranges in diameter from 15 to 21 inches, and ranges in flow from 7 to 10 million gallons per day (MGD). The upgraded sewer will be required to convey between 11 and 19 MGD to meet the year 2060, 20 year peak flow criteria.

Project Justification

King County Conveyance System Policy CP-1 (KCC 28.86.060) directs the County to design and construct wastewater facilities to the 20-year peak flow standard to avoid sanitary sewer overflows. The County adopted Policy CP-1 as the measure for designing and building conveyance facilities intended to meet the NPDES permit requirement that prohibits overflow of untreated wastewater from the separated portion of the County's regional conveyance system. Currently, the Coal Creek Trunk is under capacity with respect to the Conveyance System Policy CP-1. The typical level of service in year 2000 was considered to be at the two- to five-year peak flow indicating there is a 20-50% chance of overflowing each year because of insufficient capacity. The limited capacity of the Coal Creek Trunk creates a risk of sanitary sewer overflow and violation of the County's NPDES permit.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WTC COAL CRK SIPHON TRUNK PARA

1123624

Budget Request Basis

The appropriation request is based on analysis of project schedule, spending, contingency, budget carryover amount and the timing of property acquisition and implementation contracting.

Project Status

The project was chartered on March 8, 2016. We are currently negotiating an A/E Design Contract with Brown & Caldwell. Work planned for the remainder of 2016 includes issuing notice to proceed to the A/E Consultant and starting the Alternative Evaluation Phase of the project.

Alternatives Analysis

Alternative analysis is planned to start in August of this year.

Funding and Revenue Discussion

Other Agency Involvement

Washington State Department of Ecology - SRF loan funding of the Construction Phase will be pursued. Other agency involvement will be identified as the project completes the planning phase.

Art Eligibility

No. Project is improves the capacity of an underground sewer pipeline system.

Equity and Social Justice Impact

Project area's demographics and access to equity determinants assessed for use in alternative analysis. Project public involvement plan incorporates County best practices for equitable outreach (e.g. demographic analysis, collaboration with Community Based Organizations, increased educational opportunities and/or culturally appropriate information gathering as applicable). County decisions will be informed by information gathered during public involvement effort. We are implementing an ESJ Assessment protocol for all projects and developed an associated Assessment table and survey that fully implements ESJ practices into capital projects. Additional information is outlined in the 2017-2018 Wastewater Treatment Division Business Plan and ESJ work plan..

Strategic Climate Action Plan Alignment

Project will strive for the Platinum level on the Sustainability Scorecard by considering energy efficiency, water conservation, use of sustainable materials, environmental health, community quality of life, equity and social justice. Project will also maximize construction and demolition waste diversion from landfills by striving for an 80% - 85% diversion rate. These actions contribute to SCAP Green Building Goal Area targets and strategies. The additional cost associated with achieving LEED or scorecard certification is estimated at \$189,000. The green building and sustainable development strategies employed in this project are TBD -- project has not yet begun design.

Operating Budget Impacts

None expected

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WTC SP HYPO CAUSTIC CHEM STORE

1123625

Green Building Reporting

Department	NATURAL RESOURCES AND PARKS
Council District(s)	5
Fund	3611 WATER QUALITY CONST-UNRES
Class Code	STANDALONE
Substantial Completion	08/06/2018
Location	Renton - South Plant
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/01/15 - 04/14/15	\$1	\$0	\$0	\$0	\$1
2 Preliminary Design 04/14/15 - 07/12/16	\$849,518	\$0	\$0	\$0	\$849,518
3 Final Design 07/12/16 - 07/05/17	\$357,146	\$1,200,983	\$0	\$0	\$1,558,129
4 Implementation 07/05/17 - 01/07/19	\$2,809,971	\$555,140	\$0	\$0	\$3,365,111
5 Closeout 01/07/19 - 07/02/19	\$1	\$58,406	\$0	\$0	\$58,407
6 Acquisition	\$1	\$0	\$0	\$0	\$1
Total Budget	\$4,016,638	\$1,814,529	\$0	\$0	\$5,831,167

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39199 - DEBT PROCEEDS TRANSFER	\$1,814,529	\$0	\$0	\$1,814,529
Total Revenue	\$1,814,529	\$0	\$0	\$1,814,529

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		WTC SP HYPO CAUSTIC CHEM STORE				1123625
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$77,134	\$0	\$0	\$0	\$0	\$77,134
2 Prelim Design	\$65,579	\$247,451	\$0	\$0	\$0	\$313,030
3 Final Design	\$0	\$934,339	\$547,224	\$0	\$0	\$1,481,563
4 Implementation	\$0	\$0	\$3,543,518	\$357,515	\$0	\$3,901,033
5 Closeout	\$0	\$0	\$0	\$58,407	\$0	\$58,407
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$142,712	\$1,181,790	\$4,090,742	\$415,922	\$0	\$5,831,166

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$77,134	\$1	\$77,134
2 Preliminary Design	\$0	\$0	\$65,579	\$849,518	\$313,030
3 Final Design	\$0	\$0	\$0	\$357,146	\$934,339
4 Implementation	\$0	\$0	\$0	\$2,809,971	\$0
5 Closeout	\$0	\$0	\$0	\$1	\$0
6 Acquisition	\$0	\$0	\$0	\$1	\$0
Total	\$0	\$0	\$142,713	\$4,016,638	\$1,324,503

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$77,133)	\$0	\$0	(\$77,133)
2 Preliminary Design	\$536,488	\$0	\$0	\$536,488
3 Final Design	(\$577,193)	\$1,200,983	\$547,224	\$76,566
4 Implementation	\$2,809,971	\$555,140	\$3,543,518	(\$178,407)
5 Closeout	\$1	\$58,406	\$0	\$58,407
6 Acquisition	\$1	\$0	\$0	\$1
Total	\$2,692,135	\$1,814,529	\$4,090,742	\$415,922

NARRATIVES WTC SP HYPO CAUSTIC CHEM STORE 1123625

Current Scope

South Plant Hypo and Caustic Chemical Storage - Relocate or provide new localized storage tanks as well as associated pumps, instrumentation and controls for hypo and caustic odor control chemicals at the South Plant DAFTS and Dewatering process areas.

Project Justification

Currently the DAFTS and Dewatering areas odor control chemicals are supplied from centralized bulk storage tanks. The odor control chemical distribution piping is and has been experiencing a large amount of leaks for several years. The maintenance staff spends a substantial amount of time and resource searching for and repairing leaks in the odor control chemical piping and its associated instrumentation. Most leaks are located underground or encased in concrete making finding and repairing them difficult and costly. Current piping condition inside the tunnels shows numerous hypo and caustic leaks throughout the system. Both of these chemicals are hazardous and can cause significant chemical burns if they come in contact with an employees' body making this situation a safety a hazard to personnel.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WTC SP HYPO CAUSTIC CHEM STORE

1123625

Budget Request Basis

The appropriation request is based on analysis of project schedule, spending, contingency, budget carryover amount and the timing of property acquisition and implementation contracting.

Project Status

Completing final design with construction starting in mid-2017.

Alternatives Analysis

Funding and Revenue Discussion

Other Agency Involvement

None.

Art Eligibility

No. Project is for equipment replacement.

Equity and Social Justice Impact

WTD continues to work on developing best practices for incorporating equity and social justice into the siting, design, mitigation and construction of our capital projects. We are striving to include King County equity and social justice principles, demographic assessment information and equity determinants into capital project decisions. Additional information is outlined in the 2015-2016 Wastewater Treatment Division Business Plan.

Strategic Climate Action Plan Alignment

Project will strive for the Gold level on the Sustainability Scorecard by considering energy efficiency, water conservation, use of sustainable materials, environmental health, community quality of life, equity and social justice. Project will also maximize construction and demolition waste diversion from landfills by striving for an 80% - 85% diversion rate. These actions contribute to SCAP Green Building Goal Area targets and strategies. The is no additional cost associated with achieving LEED or scorecard certification. The green building and sustainable development strategies employed in this project are tol remediate contaminated soils (if found) and choose energy efficient pumps. .

Operating Budget Impacts

None.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WTC SP BIOGAS HEAT SYS IMPROVE

1123626

Green Building Reporting

Department	NATURAL RESOURCES AND PARKS
Council District(s)	5
Fund	3611 WATER QUALITY CONST-UNRES
Class Code	STANDALONE
Substantial Completion	05/28/2020
Location	Renton - South Plant
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 02/23/15 - 05/12/15	\$1	\$0	\$0	\$0	\$1
2 Preliminary Design 11/24/15 - 12/13/16	\$2,127,461	\$664,276	\$0	\$0	\$2,791,737
3 Final Design 12/13/16 - 01/10/19	\$3,782,008	\$3,012,863	\$100,411	\$0	\$6,895,282
4 Implementation 01/10/19 - 06/25/20	\$1	\$14,455,496	\$435,697	\$0	\$14,891,194
5 Closeout 06/25/20 - 08/12/20	\$1	\$0	\$128,845	\$0	\$128,846
6 Acquisition	\$1	\$0	\$0	\$0	\$1
Total Budget	\$5,909,473	\$18,132,635	\$664,953	\$0	\$24,707,061

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39199 - DEBT PROCEEDS TRANSFER	\$18,132,635	\$0	\$0	\$18,132,635
Total Revenue	\$18,132,635	\$0	\$0	\$18,132,635

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		WTC SP BIOGAS HEAT SYS IMPROVE					1123626
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense	
1 Planning	\$65,678	\$0	\$0	\$0	\$0	\$65,678	
2 Prelim Design	\$74,829	\$1,590,508	\$664,276	\$0	\$0	\$2,329,613	
3 Final Design	\$0	\$27,392	\$2,812,863	\$300,411	\$0	\$3,140,666	
4 Implementation	\$0	\$0	\$6,254,829	\$12,787,429	\$0	\$19,042,258	
5 Closeout	\$0	\$0	\$0	\$128,845	\$0	\$128,845	
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0	
Total Expense	\$140,507	\$1,617,900	\$9,731,968	\$13,216,685	\$0	\$24,707,060	

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$65,678	\$1	\$65,678
2 Preliminary Design	\$0	\$0	\$74,829	\$2,127,461	\$1,665,337
3 Final Design	\$0	\$0	\$0	\$3,782,008	\$27,392
4 Implementation	\$0	\$0	\$0	\$1	\$0
5 Closeout	\$0	\$0	\$0	\$1	\$0
6 Acquisition	\$0	\$0	\$0	\$1	\$0
Total	\$0	\$0	\$140,507	\$5,909,473	\$1,758,407

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$65,677)	\$0	\$0	(\$65,677)
2 Preliminary Design	\$462,124	\$664,276	\$664,276	\$462,124
3 Final Design	\$3,754,616	\$3,012,863	\$2,812,863	\$3,954,616
4 Implementation	\$1	\$14,455,496	\$6,254,829	\$8,200,668
5 Closeout	\$1	\$0	\$0	\$1
6 Acquisition	\$1	\$0	\$0	\$1
Total	\$4,151,066	\$18,132,635	\$9,731,968	\$12,551,733

NARRATIVES WTC SP BIOGAS HEAT SYS IMPROVE 1123626

Current Scope

South Plant Biogas Heat System Improvement - Implement modifications identified in the recently completed South Plant Biogas Utilization Study. Modifications include: Replacement of the existing gas scrubbing system (installed in 1987) with a new gas scrubbing system (Pressure Swing Adsorption or alternative) and upgrading the current plant heating systems to meet year-round plant heat demand with one unit out of service using either raw-gas boilers or new high-temperature heat extractors. Ref: SP Biogas Utilization Study final report (Dec 2013)

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WTC SP BIOGAS HEAT SYS IMPROVE

1123626

Project Justification

Major elements of the current gas scrubbing system are reaching the end of their useful life and the system will need costly replacements and upgrades to keep it running. The existing system has very high power demands compared to other alternatives, has not been integrated into the plant Ovation Control System and has a substantial Green House Gas footprint that needs to be corrected. The plant heating system, which currently relies on scrubbed biogas, is insufficient to meet peak heat demand with the primary unit out of service. The gas turbine combined heat and power system is currently used as an emergency backup to the boiler but it is inefficient, as well as expensive to operate as a backup system.

Budget Request Basis

The appropriation request is based on analysis of project schedule, spending, contingency, budget carryover amount and the timing of property acquisition and implementation contracting.

Project Status

Alternatives Analysis is in progress. Following WTD Capital Systems Team approval of recommended alternatives for replacing process heating equipment and biogas scrubbing equipment, predesign, final design, and implementation will follow.

Alternatives Analysis

The alternative analysis is in progress and is evaluating several options for replacement of process and space heating equipment, and of biogas scrubbing equipment.

Funding and Revenue Discussion

Other Agency Involvement

Permits from the City of Renton and from the Puget Sound Clean Air Agency will be required.

Art Eligibility

No. Project is for equipment replacement.

Equity and Social Justice Impact

N/A. Inside of existing plant boundaries. No odor or transportation impact.

Strategic Climate Action Plan Alignment

Reducing greenhouse gas emissions and increasing facility energy efficiency. Project includes evaluation of lower emission alternatives for facility heat and evaluates tapping in to renewable energy through sewage heat recovery. Upgrades the biogas scrubber to increase productivity and use of renewable biogas energy. The rating level targeted for this project is Platinum. The additional cost associated with achieving LEED or scorecard certification is \$0. The green building and sustainable development strategies employed in this project are TBD -- project is pre-Eco Charrette.

Operating Budget Impacts

In the short term, the project is likely to reduce the South Treatment Plant maintenance costs by replacing worn out equipment with new.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WTC WP 2ND MIX LIQ BLOWER REPL

1123627

Green Building Reporting

Department	NATURAL RESOURCES AND PARKS
Council District(s)	4
Fund	3611 WATER QUALITY CONST-UNRES
Class Code	STANDALONE
Substantial Completion	08/20/2019
Location	West Point Treatment Plant, Seattle
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 06/09/14 - 11/10/15	\$15,234	\$0	\$0	\$0	\$15,234
2 Preliminary Design 11/10/15 - 08/08/17	\$60,942	\$76,648	\$0	\$0	\$137,590
3 Final Design 08/08/17 - 10/18/18	\$106,648	\$147,519	\$0	\$0	\$254,167
4 Implementation 10/18/18 - 09/20/19	\$640,297	\$223,010	\$0	\$0	\$863,307
5 Closeout 09/20/19 - 12/24/19	\$78,462	\$199	\$0	\$0	\$78,661
6 Acquisition	\$1	\$0	\$0	\$0	\$1
Total Budget	\$901,584	\$447,376	\$0	\$0	\$1,348,960

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39199 - DEBT PROCEEDS TRANSFER	\$447,376	\$0	\$0	\$447,376
Total Revenue	\$447,376	\$0	\$0	\$447,376

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		WTC WP 2ND MIX LIQ BLOWER REPL				1123627
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$13,558	\$49,767	\$0	\$0	\$0	\$63,325
2 Prelim Design	\$0	\$69,222	\$76,648	\$0	\$0	\$145,870
3 Final Design	\$0	\$44,299	\$147,519	\$27,318	\$0	\$219,136
4 Implementation	\$0	\$3,649	\$265,384	\$645,627	\$0	\$914,660
5 Closeout	\$0	\$216	\$199	\$5,553	\$0	\$5,968
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$13,558	\$167,153	\$489,750	\$678,498	\$0	\$1,348,959

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$13,558	\$15,234	\$63,325
2 Preliminary Design	\$0	\$0	\$0	\$60,942	\$69,222
3 Final Design	\$0	\$0	\$0	\$106,648	\$44,299
4 Implementation	\$0	\$0	\$0	\$640,297	\$3,649
5 Closeout	\$0	\$0	\$0	\$78,462	\$216
6 Acquisition	\$0	\$0	\$0	\$1	\$0
Total	\$0	\$0	\$13,558	\$901,584	\$180,711

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$48,091)	\$0	\$0	(\$48,091)
2 Preliminary Design	(\$8,280)	\$76,648	\$76,648	(\$8,280)
3 Final Design	\$62,349	\$147,519	\$147,519	\$62,349
4 Implementation	\$636,648	\$223,010	\$265,384	\$594,274
5 Closeout	\$78,246	\$199	\$199	\$78,246
6 Acquisition	\$1	\$0	\$0	\$1
Total	\$720,873	\$447,376	\$489,750	\$678,499

NARRATIVES	WTC WP 2ND MIX LIQ BLOWER REPL	1123627
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Current Scope

West Point 2nd Mix Liquid Blower Replacement - This project will evaluate the replacement of two existing centrifugal mixed liquor channel air blowers with alternative technology such as high-speed turbo blowers. The Variable Frequency Drive (VFD) equipped turbo blowers are a newer and more energy efficient technology, and can generate more cubic feet per minute (CFM) of air per kilowatt (kW) than the existing centrifugal blowers. This project will evaluate: the air requirements for the secondary mixed liquor channel physical/biological processes; and alternative air delivery system efficiencies and cost data. Based on those findings, the project will determine what equipment (blowers, piping, valves, etc) requires replacement.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WTC WP 2ND MIX LIQ BLOWER REPL

1123627

Project Justification

Mixed liquor channel aeration at West Point is required to keep solids in suspension prior to flow entering the secondary clarifiers. Currently, the secondary agitation air blower system at West Point uses an estimated 2.6 million kWh annually with two 200 Horse Power (HP) centrifugal blowers operating 24/7. Replacing two blowers with new high speed turbo blowers could save 800,000-1,000,000 Kilowatt-hours (kWh) annually, saving \$48,000 - \$60,000 in energy costs. The project would help WTD meet energy efficiency targets and be in compliance with the County's Energy Plan and Strategic Climate Action Plan.

Budget Request Basis

The appropriation request is based on analysis of project schedule, spending, contingency, budget carryover amount and the timing of property acquisition and implementation contracting.

Project Status

Project is in the Planning phase. Request for Proposal for engineering services will be re-issued since the initial solicitation failed to attract responses for the consulting community.

Alternatives Analysis

Expected to be completed mid-2017.

Funding and Revenue Discussion

Other Agency Involvement

None.

Art Eligibility

No. Project is for equipment replacement.

Equity and Social Justice Impact

N/A. Inside of existing plant boundaries. No odor or transportation impact.

Strategic Climate Action Plan Alignment

Project will save energy at the West Point Treatment Plant through replacement of old, inefficient equipment with new, efficient equipment. It will contribute to SCAP Buildings and Facilities Energy Goal Area targets and strategies through reduction of normalized energy use. The rating level targeted for this project is Platinum. The additional cost associated with achieving LEED or scorecard certification is \$0. The green building and sustainable development strategies employed in this project are Energy efficient equipment.

Operating Budget Impacts

Project anticipates reduction in the Operating cost for electricity.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WTC DENNY RS BACKUP POWER

1123629

Green Building Reporting

Department	NATURAL RESOURCES AND PARKS
Council District(s)	4
Fund	3611 WATER QUALITY CONST-UNRES
Class Code	STANDALONE
Substantial Completion	10/30/2020
Location	Denny Way Regulator Station
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 06/09/15 - 09/08/15	\$1	\$0	\$0	\$0	\$1
2 Preliminary Design 09/08/15 - 02/13/18	\$1	\$63,932	\$0	\$0	\$63,933
3 Final Design 02/13/18 - 01/24/20	\$1	\$297,624	\$55,704	\$0	\$353,329
4 Implementation 01/24/20 - 12/25/20	\$923,265	\$11,169	\$580,127	\$0	\$1,514,561
5 Closeout 12/25/20 - 04/30/21	\$1	\$0	\$52,336	\$0	\$52,337
6 Acquisition	\$1	\$0	\$0	\$0	\$1
Total Budget	\$923,270	\$372,725	\$688,167	\$0	\$1,984,162

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39199 - DEBT PROCEEDS TRANSFER	\$372,725	\$0	\$0	\$372,725
Total Revenue	\$372,725	\$0	\$0	\$372,725

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		WTC DENNY RS BACKUP POWER					1123629
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense	
1 Planning	\$18,597	\$0	\$0	\$0	\$0	\$18,597	
2 Prelim Design	\$1,586	\$60,782	\$63,932	\$0	\$0	\$126,300	
3 Final Design	\$0	\$332	\$297,624	\$55,704	\$0	\$353,660	
4 Implementation	\$0	\$500	\$11,169	\$1,421,601	\$0	\$1,433,270	
5 Closeout	\$0	\$0	\$1,514	\$50,821	\$0	\$52,335	
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0	
Total Expense	\$20,183	\$61,614	\$374,239	\$1,528,126	\$0	\$1,984,162	

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$18,597	\$1	\$18,597
2 Preliminary Design	\$0	\$0	\$1,586	\$1	\$62,368
3 Final Design	\$0	\$0	\$0	\$1	\$332
4 Implementation	\$0	\$0	\$0	\$923,265	\$500
5 Closeout	\$0	\$0	\$0	\$1	\$0
6 Acquisition	\$0	\$0	\$0	\$1	\$0
Total	\$0	\$0	\$20,183	\$923,270	\$81,797

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$18,596)	\$0	\$0	(\$18,596)
2 Preliminary Design	(\$62,367)	\$63,932	\$63,932	(\$62,367)
3 Final Design	(\$331)	\$297,624	\$297,624	(\$331)
4 Implementation	\$922,765	\$11,169	\$11,169	\$922,765
5 Closeout	\$1	\$0	\$1,514	(\$1,513)
6 Acquisition	\$1	\$0	\$0	\$1
Total	\$841,473	\$372,725	\$374,239	\$839,959

NARRATIVES WTC DENNY RS BACKUP POWER 1123629

Current Scope

Denny Regulator Station Backup Power - Provide permanent back-up power at the Denny Way Regulator Station Facility, which in addition to the regulator station also houses the effluent dechlorination and sampling systems for the Elliott West Combined Sewer Overflow (CSO) effluent outfall.

Project Justification

The Denny Way Regulator Facility currently has a portable generator as the standby power source. The portable unit was installed with the expectation that it would be replaced under a generator replacement program. Temporary connections, temporary fencing, susceptibility to vandalism, and being unsightly to park users (Myrtle Edwards Park) all contribute to the need for replacement. Reliable power is necessary to ensure reliable operation of the Denny Way Regulator Station as well as the dechlorination and sampling systems for the Elliott West CSO effluent outfall.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	WTC DENNY RS BACKUP POWER	1123629
Budget Request Basis		
The appropriation request is based on analysis of project schedule, spending, contingency, budget carryover amount and the timing of property acquisition and implementation contracting.		
Project Status		
Alternatives Analysis expected to complete mid 2017 followed by final design.		
Alternatives Analysis		
The project is in consultant selection and the alternatives analysis has not started yet.		
Funding and Revenue Discussion		
Other Agency Involvement		
None.		
Art Eligibility		
No. Project is for equipment replacement.		
Equity and Social Justice Impact		
We are implementing an ESJ Assessment protocol for all projects and developed an associated Assessment table and survey that fully implements ESJ practices into capital projects. Additional information is outlined in the 2017-2018 Wastewater Treatment Division Business Plan and ESJ work plan.		
Strategic Climate Action Plan Alignment		
Project will strive for the Gold level on the Sustainability Scorecard by considering energy efficiency, water conservation, use of sustainable materials, environmental health, community quality of life, equity and social justice. Project will also maximize construction and demolition waste diversion from landfills by striving for an 80% - 85% diversion rate. These actions contribute to SCAP Green Building Goal Area targets and strategies. The additional cost associated with achieving LEED or scorecard certification is \$0. The green building and sustainable development strategies employed in this project are to be determined during preliminary design.		
Operating Budget Impacts		
To be determined later in the project.		


Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WTC ESI SECT 2 REHAB PHASE II

1123630

Green Building Reporting

Department	NATURAL RESOURCES AND PARKS	
Council District(s)	5	
Fund	3611 WATER QUALITY CONST-UNRES	
Class Code	STANDALONE	
Substantial Completion	10/31/2021	
Location	Renton	
Cap Status	Approved	

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/01/15 - 01/12/16	\$109,092	\$0	\$0	\$0	\$109,092
2 Preliminary Design 01/12/16 - 11/08/16	\$204,145	\$1,319,709	\$0	\$0	\$1,523,854
3 Final Design 11/08/16 - 05/09/18	\$104,941	\$2,066,111	\$0	\$0	\$2,171,052
4 Implementation 05/09/18 - 12/31/19	\$2,000,000	\$12,827,412	\$171,742	\$0	\$14,999,154
5 Closeout 12/31/19 - 12/31/20	\$1	\$0	\$91,890	\$0	\$91,891
6 Acquisition	\$1	\$53,046	\$54,635	\$0	\$107,682
Total Budget	\$2,418,180	\$16,266,278	\$318,267	\$0	\$19,002,725

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39199 - DEBT PROCEEDS TRANSFER	\$16,266,278	\$0	\$0	\$16,266,278
Total Revenue	\$16,266,278	\$0	\$0	\$16,266,278

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		WTC ESI SECT 2 REHAB PHASE II				1123630
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$17,064	\$0	\$0	\$0	\$0	\$17,064
2 Prelim Design	\$0	\$501,937	\$319,709	\$0	\$0	\$821,646
3 Final Design	\$0	\$134,035	\$983,359	\$488,013	\$0	\$1,605,407
4 Implementation	\$0	\$0	\$5,410,950	\$10,948,087	\$0	\$16,359,037
5 Closeout	\$0	\$0	\$46,780	\$45,110	\$0	\$91,890
6 Acquisition	\$0	\$0	\$53,045	\$54,636	\$0	\$107,681
Total Expense	\$17,064	\$635,972	\$6,813,843	\$11,535,846	\$0	\$19,002,725

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$17,064	\$109,092	\$17,064
2 Preliminary Design	\$0	\$0	\$0	\$204,145	\$501,937
3 Final Design	\$0	\$0	\$0	\$104,941	\$134,035
4 Implementation	\$0	\$0	\$0	\$2,000,000	\$0
5 Closeout	\$0	\$0	\$0	\$1	\$0
6 Acquisition	\$0	\$0	\$0	\$1	\$0
Total	\$0	\$0	\$17,064	\$2,418,180	\$653,036

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$92,028	\$0	\$0	\$92,028
2 Preliminary Design	(\$297,792)	\$1,319,709	\$319,709	\$702,208
3 Final Design	(\$29,094)	\$2,066,111	\$983,359	\$1,053,658
4 Implementation	\$2,000,000	\$12,827,412	\$5,410,950	\$9,416,462
5 Closeout	\$1	\$0	\$46,780	(\$46,779)
6 Acquisition	\$1	\$53,046	\$53,045	\$2
Total	\$1,765,144	\$16,266,278	\$6,813,843	\$11,217,579

NARRATIVES WTC ESI SECT 2 REHAB PHASE II 1123630

Current Scope

Eastside Interceptor Section 2 Rehabilitation Phase II - The scope of this project is to evaluate alternatives and implement the rehabilitation of approximately 3,900 linear feet of the Eastside Interceptor Section 2 (ESI 2), located in Renton.

Project Justification

The primary objective of this project is to maintain reliable sewage conveyance and extend the useful life of existing sewers by the structural rehabilitation or replacement of conveyance system pipelines and/or structures suffering from severe Hydrogen Sulfide (H2S) corrosion. If this project is not implemented, it may result in failure of the pipeline.

Budget Request Basis

The appropriation request is based on analysis of project schedule, spending, contingency, budget carryover amount and the timing of property acquisition and implementation contracting.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	WTC ESI SECT 2 REHAB PHASE II	1123630
Project Status		
During this biennium, the project is anticipated to complete alternatives analysis, preliminary design and final design.		
Alternatives Analysis		
This project has not completed alternatives analysis yet.		
Funding and Revenue Discussion		
Other Agency Involvement		
This project is anticipated to require property access from the Boeing Company and permits from City of Renton.		
Art Eligibility		
No. This project will rehabilitate an underground sewer pipeline.		
Equity and Social Justice Impact		
We are implementing an ESJ Assessment protocol for all projects and developed an associated Assessment table and survey that fully implements ESJ practices into capital projects. Additional information is outlined in the 2017-2018 Wastewater Treatment Division Business Plan and ESJ work plan.		
Strategic Climate Action Plan Alignment		
Project will strive for the Platinum level on the Sustainability Scorecard by considering energy efficiency, water conservation, use of sustainable materials, environmental health, community quality of life, equity and social justice. Project will also maximize construction and demolition waste diversion from landfills by striving for an 80% - 85% diversion rate. These actions contribute to SCAP Green Building Goal Area targets and strategies.		
Operating Budget Impacts		
None.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WTC KENT AUBURN PHASE B

1123632

Baseline Required, Green Building Reporting

Department	NATURAL RESOURCES AND PARKS
Council District(s)	5
Fund	3611 WATER QUALITY CONST-UNRES
Class Code	STANDALONE
Substantial Completion	06/08/2019
Location	Auburn, Pacific and Algona areas of the Green River South Planning Area.
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$1	\$0	\$0	\$0	\$1
2 Preliminary Design	\$1	\$0	\$0	\$0	\$1
3 Final Design 09/08/15 - 01/27/17	\$1,333,245	\$1,040,287	\$0	\$0	\$2,373,532
4 Implementation 01/27/17 - 12/08/19	\$25,972,551	\$12,194,985	\$41,947	\$0	\$38,209,483
5 Closeout 12/08/19 - 07/08/20	\$1	\$17,529	\$78,652	\$0	\$96,182
6 Acquisition	\$1	\$182,101	\$0	\$0	\$182,102
Total Budget	\$27,305,800	\$13,434,902	\$120,599	\$0	\$40,861,301

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39199 - DEBT PROCEEDS TRANSFER	\$13,434,902	\$0	\$0	\$13,434,902
Total Revenue	\$13,434,902	\$0	\$0	\$13,434,902

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		WTC KENT AUBURN PHASE B					1123632
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense	
1 Planning	\$3,455	\$0	\$0	\$0	\$0	\$3,455	
2 Prelim Design	\$281,436	\$0	\$0	\$0	\$0	\$281,436	
3 Final Design	\$1,851,422	\$2,062,330	\$1,038,038	\$22,510	\$0	\$4,974,300	
4 Implementation	\$475	\$524,500	\$30,644,158	\$3,973,480	\$0	\$35,142,613	
5 Closeout	\$0	\$0	\$17,529	\$78,652	\$0	\$96,181	
6 Acquisition	\$90,574	\$90,640	\$171,597	\$10,504	\$0	\$363,315	
Total Expense	\$2,227,362	\$2,677,470	\$31,871,322	\$4,085,146	\$0	\$40,861,300	

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$2,589	\$3,455	\$3,455	\$1	\$3,455
2 Preliminary Design	\$206,158	\$281,436	\$281,436	\$1	\$281,436
3 Final Design	\$4,837,933	\$5,068,830	\$1,851,422	\$1,333,245	\$3,913,752
4 Implementation	\$35,232,328	\$35,064,020	\$475	\$25,972,551	\$524,975
5 Closeout	\$244,882	\$80,246	\$0	\$1	\$0
6 Acquisition	\$337,507	\$363,315	\$90,574	\$1	\$181,214
Total	\$40,861,397	\$40,861,302	\$2,227,362	\$27,305,800	\$4,904,832

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$3,454)	\$0	\$0	(\$3,454)
2 Preliminary Design	(\$281,435)	\$0	\$0	(\$281,435)
3 Final Design	(\$2,580,507)	\$1,040,287	\$1,038,038	(\$2,578,258)
4 Implementation	\$25,447,576	\$12,194,985	\$30,644,158	\$6,998,403
5 Closeout	\$1	\$17,529	\$17,529	\$1
6 Acquisition	(\$181,213)	\$182,101	\$171,597	(\$170,709)
Total	\$22,400,968	\$13,434,902	\$31,871,322	\$3,964,548

NARRATIVES	WTC KENT AUBURN PHASE B	1123632
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Current Scope

Kent Auburn Phase B - The scope of this project is to complete the final design, prepare bidding documents and construct the Pacific Pump Station Discharge and Auburn West Interceptor Parallel pipelines. The pipelines total about 3 miles in length and include regions of both force main and gravity sewer, ranging in diameter from 16 inches to 48 inches.

Project Justification

Work was identified as a high priority project under the RWSP, as part of the SW Interceptor project. Construction of the new pipelines in accordance with the current schedule will reduce the incidence of pipe surcharging and overflows in the Auburn planning area.

Budget Request Basis

The appropriation request is based on analysis of project schedule, spending, contingency, budget carryover amount and the timing of property acquisition and implementation contracting.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WTC KENT AUBURN PHASE B

1123632

Project Status

Completion of final design, permitting, acquisition, and advertisement for construction is planned for 2016.

Alternatives Analysis

The alternative analysis was completed in 2007 as part of the SW Interceptor Project. The original concept was to build a new interceptor in Kent and Auburn to relieve capacity constraints. The alternative analysis resulted in a more economical series of pipeline segments that transfer flows from overcapacity pipelines to pipelines with capacity, including the purchase and re-purposing of an existing sewer on Boeing property in Auburn.

Funding and Revenue Discussion

Other Agency Involvement

An Army Corps of Engineers permit related to wetlands impacts has been obtained. The project is currently seeking permits from the Cities of Auburn, Algona and Pacific. The project plans to apply for a State Revolving Fund loan through the Department of Ecology.

Art Eligibility

No. This is a sewer installation project.

Equity and Social Justice Impact

Project public involvement plan incorporates County best practices for equitable outreach (e.g. demographic analysis, collaboration with Community Based Organizations, increased educational opportunities and/or culturally appropriate information gathering as applicable). Information gathered during public involvement effort incorporated into County decision-making. We are implementing an ESJ Assessment protocol for all projects and developed an associated Assessment table and survey that fully implements ESJ practices into capital projects. Additional information is outlined in the 2017-2018 Wastewater Treatment Division Business Plan and ESJ work plan.

Strategic Climate Action Plan Alignment

The rating level targeted is for this project is Silver. The additional cost associated with achieving LEED or scorecard certification is \$0. The green building and sustainable development strategies employed in this project are that the contractor prepare a sediment and erosion control plan. The conveyance structures include precast vaults, precast walls and precast manholes. The project has established a goal of diverting a minimum of 75 percent of the total weight of non-hazardous construction waste material for recycling. Compost; local, native plants; and biosolids for soil amendment will be used. Fly ash will be used in concrete and steel. Locally-sourced materials will be used to the maximum extent possible. Biosolids will be used for soil amendment. Instead of installing a new pipe, KC purchased approximately 2,400 feet of an existing 24-inch-diameter sewer from Boeing to reuse as part of this project. The project also sized the new force main to extend the life of the existing pumps such that the pumps and suction/discharge headers do not require modification. Contaminated groundwater will be treated before discharge to minimize impacts.

Operating Budget Impacts

None anticipated

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WTC NB OUTFALL REPLACEMENT

1123633

Department	NATURAL RESOURCES AND PARKS
Council District(s)	4
Fund	3611 WATER QUALITY CONST-UNRES
Class Code	STANDALONE
Substantial Completion	01/24/2027
Location	9921 Triton Dr NW Seattle, WA 98117
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/31/19 - 06/01/19	\$0	\$0	\$191,227	\$0	\$191,227
2 Preliminary Design 06/01/19 - 06/01/21	\$0	\$0	\$791,498	\$0	\$791,498
3 Final Design 06/01/21 - 01/01/23	\$0	\$0	\$300,136	\$3,497,143	\$3,797,279
4 Implementation 01/01/23 - 06/30/27	\$0	\$0	\$0	\$21,943,894	\$21,943,894
5 Closeout 06/30/27 - 12/31/27	\$0	\$0	\$0	\$204,976	\$204,976
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$0	\$1,282,861	\$25,646,013	\$26,928,874

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

EXPENSE WTC NB OUTFALL REPLACEMENT 1123633

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$191,227	\$0	\$191,227
2 Prelim Design	\$0	\$0	\$0	\$791,498	\$0	\$791,498
3 Final Design	\$0	\$0	\$0	\$300,136	\$3,497,143	\$3,797,279
4 Implementation	\$0	\$0	\$0	\$0	\$995,043	\$995,043
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$0	\$0	\$0	\$1,282,861	\$4,492,186	\$5,775,047

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0

NARRATIVES

WTC NB OUTFALL REPLACEMENT

1123633

Current Scope

North Beach Outfall Replacement - Design and construct the replacement of the North Beach Outfall. This project will explore alternative procurement strategies, such as design-build. This project will also require coordination and negotiations with Burlington Northern Santa Fe railway (BNSF) because the alignment of the outfall is in the BNSF right-of-way.

Project Justification

The North Beach Pump Station has both on and offshore outfalls. The offshore outfall has reached the end of its useful life and has limited capacity. The limited capacity of the offshore outfall increases the risk of onshore overflows on the beach at North Beach. A new 30" outfall pipe would reduce the chance of overflows on the beach to less than 5% in a given year. The beach outfall would remain as a safety valve in extreme storms.

Budget Request Basis

Slated for the 2019/2020 budget.

Project Status

Project slated to start in 2019.

Alternatives Analysis

Not conducted yet. To be completed in the course of project delivery.

Funding and Revenue Discussion

Other Agency Involvement

To be determined.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	WTC NB OUTFALL REPLACEMENT	1123633
Art Eligibility		
No. Underground/offshore outfall sewer replacement.		
Equity and Social Justice Impact		
We are implementing an ESJ Assessment protocol for all projects and developed an associated Assessment table and survey that fully implements ESJ practices into capital projects. Additional information is outlined in the 2017-2018 Wastewater Treatment Division Business Plan and ESJ work plan.		
Strategic Climate Action Plan Alignment		
Project will strive for the Platinum level on the Sustainability Scorecard by considering energy efficiency, water conservation, use of sustainable materials, environmental health, community quality of life, equity and social justice. Project will also maximize construction and demolition waste diversion from landfills by striving for an 80% - 85% diversion rate. These actions contribute to SCAP Green Building Goal Area targets and strategies.		
Operating Budget Impacts		
Will evaluate during design phase.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status: Approved

WTC CAPITAL PROJECTS CLOSEOUT

1126444

Master Project

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3611 WATER QUALITY CONST-UNRES
Class Code	WTC CAPITAL PROJECTS CLOSEOUT
Substantial Completion	12/31/2021
Location	Various WTD locations
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$2,267,551	\$2,534,646	\$346,058	\$5,148,255
5 Closeout 01/03/16 - 03/31/22	\$3,399,000	\$0	\$0	\$0	\$3,399,000
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$3,399,000	\$2,267,551	\$2,534,646	\$346,058	\$8,547,255

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39199 - DEBT PROCEEDS TRANSFER	\$2,267,551	\$0	\$0	\$2,267,551
Total Revenue	\$2,267,551	\$0	\$0	\$2,267,551

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		WTC CAPITAL PROJECTS CLOSEOUT					1126444
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense	
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0	
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0	
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0	
4 Implementation	\$0	\$3,396,197	\$2,252,001	\$2,534,646	\$346,058	\$8,528,902	
5 Closeout	\$18,354	\$0	\$0	\$0	\$0	\$18,354	
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0	
Total Expense	\$18,354	\$3,396,197	\$2,252,001	\$2,534,646	\$346,058	\$8,547,256	

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$3,396,197
5 Closeout	\$0	\$0	\$18,354	\$3,399,000	\$18,354
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$18,354	\$3,399,000	\$3,414,551

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	(\$3,396,197)	\$2,267,551	\$2,252,001	(\$3,380,647)
5 Closeout	\$3,380,646	\$0	\$0	\$3,380,646
6 Acquisition	\$0	\$0	\$0	\$0
Total	(\$15,551)	\$2,267,551	\$2,252,001	(\$1)

NARRATIVES	WTC CAPITAL PROJECTS CLOSEOUT	1126444
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Current Scope

Capital Projects Closeout - The project will fund and track costs incurred by WTD capital projects after they have been completed and closed out in the accounting system.

Project Justification

There are occasions when, after a project has been constructed and operations are fully under way, additional costs directly related to the project are incurred. Some cannot be foreseen. These might include costs related to subsequent insurance claims, litigation, late invoices etc. Additionally, costs for items such as long term monitoring required by permitting conditions will also be captured by this project. It isn't feasible to keep the original project open for a 10 year monitoring requirement. In order to effectively prevent unnecessary or incorrect charges from being made to the original project, it is essential that the original project number be closed in the accounting system as soon as the vast majority of construction and startup expenses are complete. To meet the needs of WTD to address these subsequent charges, funding and cost tracking must be made available. Only items approved by the Project Planning and Delivery Section Manager will be allowed to be charged to this project.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	WTC CAPITAL PROJECTS CLOSEOUT	1126444
Budget Request Basis		
The appropriation request is based on analysis of project spending and budget carryover amount.		
Project Status		
Continuing Consent Decree monitoring activities and Brightwater administrative work.		
Alternatives Analysis		
N/A. Projects have completed construction.		
Funding and Revenue Discussion		
Other Agency Involvement		
None		
Art Eligibility		
No. This is a Planning/Administrative project for closeout activities.		
Equity and Social Justice Impact		
N/A. Subprojects have completed construction so no opportunities exists.		
Strategic Climate Action Plan Alignment		
N/A. Subprojects have completed construction so no opportunities exists.		
Operating Budget Impacts		
None.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WTC JOINT SHIP CANAL CSO

1127126

Department	NATURAL RESOURCES AND PARKS
Council District(s)	4
Fund	3611 WATER QUALITY CONST-UNRES
Class Code	STANDALONE
Substantial Completion	03/15/2025
Location	In Seattle, along north side of Ship Canal, roughly between Fremont and Ballard neighborhoods.
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 02/13/15 - 04/30/15	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design 05/04/15 - 06/30/16	\$0	\$2,202,465	\$0	\$0	\$2,202,465
3 Final Design 07/05/16 - 01/29/18	\$0	\$0	\$1,524,937	\$2,478,894	\$4,003,831
4 Implementation 07/05/16 - 06/30/25	\$0	\$12,858,934	\$43,682,486	\$57,232,277	\$113,773,697
5 Closeout 07/01/25 - 11/30/26	\$0	\$0	\$0	\$94,052	\$94,052
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$15,061,399	\$45,207,423	\$59,805,223	\$120,074,045

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39199 - DEBT PROCEEDS TRANSFER	\$15,061,399	\$0	\$0	\$15,061,399
Total Revenue	\$15,061,399	\$0	\$0	\$15,061,399

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		WTC JOINT SHIP CANAL CSO				1127126
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$865,000	\$0	\$0	\$0	\$865,000
2 Prelim Design	\$0	\$50,000	\$1,808,628	\$393,837	\$0	\$2,252,465
3 Final Design	\$0	\$83,333	\$0	\$1,524,937	\$2,035,627	\$3,643,897
4 Implementation	\$0	\$12,055,095	\$12,858,934	\$43,682,486	\$39,382,599	\$107,979,114
5 Closeout	\$0	\$16,667	\$0	\$0	\$0	\$16,667
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$0	\$13,070,095	\$14,667,562	\$45,601,260	\$41,418,226	\$114,757,143

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$865,000
2 Preliminary Design	\$0	\$0	\$0	\$0	\$50,000
3 Final Design	\$0	\$0	\$0	\$0	\$83,333
4 Implementation	\$0	\$0	\$0	\$0	\$12,055,095
5 Closeout	\$0	\$0	\$0	\$0	\$16,667
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$13,070,095

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$865,000)	\$0	\$0	(\$865,000)
2 Preliminary Design	(\$50,000)	\$2,202,465	\$1,808,628	\$343,837
3 Final Design	(\$83,333)	\$0	\$0	(\$83,333)
4 Implementation	(\$12,055,095)	\$12,858,934	\$12,858,934	(\$12,055,095)
5 Closeout	(\$16,667)	\$0	\$0	(\$16,667)
6 Acquisition	\$0	\$0	\$0	\$0
Total	(\$13,070,095)	\$15,061,399	\$14,667,562	(\$12,676,258)

NARRATIVES WTC JOINT SHIP CANAL CSO 1127126

Current Scope

Joint Ship Canal Combined Sewer Overflow - This project will fund King County's share of the capital costs for the Joint Ship Canal Water Quality Project (SCWQP), a Combined Sewer Overflow (CSO) control project with Seattle Public Utilities (SPU). SPU is the lead agency for design, construction and operation of this facility.

Project Justification

King County and SPU have each entered into federal court ordered consent decrees requiring control of combined sewer overflows to the Lake Washington Ship Canal, Duwamish River and Elliott Bay. The parties have jointly identified a storage tunnel along the Ship Canal as the preferred option to meet each jurisdiction's consent decree requirements.

Budget Request Basis

The appropriation request is based on analysis of project schedule, spending, contingency, budget carryover amount and the timing of property acquisition and implementation contracting.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WTC JOINT SHIP CANAL CSO

1127126

Project Status

Awaiting final approval of Joint Project Agreement by King County Council to formalize project funding and oversight. Ongoing activities continue with Wastewater Treatment Division (WTD) staff support. 30% Design review and Value Engineering participation by WTD subject experts for storage tunnel and effluent pump station currently in progress. Initial meetings of Joint Oversight Committee and Project Review and Change Management Committee have occurred.

Alternatives Analysis

Originally WTD's Consent Decree specified two CSO projects (3rd Ave. W. and 11th Ave. NW), though it allowed a joint project with SPU if proposed. Internal WTD analysis and County Executive decision resulted in direction to participate in this joint project, based on lower community impact than separate projects and similar costs.

Funding and Revenue Discussion

Other Agency Involvement

Seattle Public Utilities. (SPU)

Art Eligibility

No. Project is Seattle Public Utilities (SPU) owned and managed and WTD is contributing reimbursable charges only.

Equity and Social Justice Impact

Seattle is the lead agency for this project and has ESJ components in their project delivery.

Strategic Climate Action Plan Alignment

Not applicable to project as Seattle is the lead agency.

Operating Budget Impacts

Operations will be the responsibility of SPU.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WTC PRIMARY SED ROOF STRUCTURE

1127489

Green Building Reporting

Department	NATURAL RESOURCES AND PARKS
Council District(s)	4
Fund	3611 WATER QUALITY CONST-UNRES
Class Code	STANDALONE
Substantial Completion	05/12/2021
Location	West Point Treatment Plant
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 08/28/15 - 10/16/15	\$100,000	\$0	\$0	\$0	\$100,000
2 Preliminary Design 10/16/15 - 12/12/17	\$1,000,000	\$675,616	\$0	\$0	\$1,675,616
3 Final Design 12/12/17 - 04/12/19	\$0	\$3,693,560	\$0	\$0	\$3,693,560
4 Implementation 04/12/19 - 11/29/21	\$0	\$268,971	\$20,022,870	\$268,312	\$20,560,153
5 Closeout 11/29/21 - 11/30/22	\$0	\$15,677	\$5,898	\$5,067	\$26,642
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$1,100,000	\$4,653,824	\$20,028,768	\$273,379	\$26,055,971

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39199 - DEBT PROCEEDS TRANSFER	\$4,653,824	\$0	\$0	\$4,653,824
Total Revenue	\$4,653,824	\$0	\$0	\$4,653,824

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		WTC PRIMARY SED ROOF STRUCTURE				1127489
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$34,072	\$122,511	\$0	\$0	\$0	\$156,583
2 Prelim Design	\$230	\$771,367	\$227,616	\$0	\$0	\$999,213
3 Final Design	\$0	\$76,102	\$3,000,709	\$262,851	\$0	\$3,339,662
4 Implementation	\$0	\$43,903	\$285,900	\$14,629,420	\$6,574,650	\$21,533,873
5 Closeout	\$0	\$0	\$15,677	\$5,898	\$5,067	\$26,642
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$34,302	\$1,013,883	\$3,529,902	\$14,898,169	\$6,579,717	\$26,055,973

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$34,072	\$100,000	\$156,583
2 Preliminary Design	\$0	\$0	\$230	\$1,000,000	\$771,597
3 Final Design	\$0	\$0	\$0	\$0	\$76,102
4 Implementation	\$0	\$0	\$0	\$0	\$43,903
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$34,302	\$1,100,000	\$1,048,185

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$56,583)	\$0	\$0	(\$56,583)
2 Preliminary Design	\$228,403	\$675,616	\$227,616	\$676,403
3 Final Design	(\$76,102)	\$3,693,560	\$3,000,709	\$616,749
4 Implementation	(\$43,903)	\$268,971	\$285,900	(\$60,832)
5 Closeout	\$0	\$15,677	\$15,677	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$51,815	\$4,653,824	\$3,529,902	\$1,175,737

NARRATIVES	WTC PRIMARY SED ROOF STRUCTURE	1127489
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Current Scope

Primary Sedimentary Roof Structure - Remove or retrofit the roof structure over the primary sedimentation area of West Point Plant. The West Point Treatment Plant was constructed in the early 1960s. The primary sedimentation area roof structure had a seismic upgrade in the 1990s for the East- West oriented frames. The North- South frames were not upgraded. Analysis in 2010 showed the East- West frames meet a Life Safety performance level but the North- South frames do not; therefore, the roof structure as a whole does not meet a Life Safety performance level.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WTC PRIMARY SED ROOF STRUCTURE

1127489

Project Justification

The West Point Treatment Plant was constructed in the early 1960s. The primary sedimentation area roof structure had a seismic upgrade in the 1990s for the East- West oriented frames. The North- South frames were not upgraded. Analysis in 2010 showed the East- West frames meet a Life Safety performance level but the North- South frames do not; therefore, the roof structure as a whole does not meet a Life Safety performance level and is vulnerable to collapse during a major seismic event. Collapse or damage could render the primary treatment process inoperable, resulting in raw sewage discharging to Puget Sound. The project will evaluate and implement alternatives to enhance the seismic resiliency of the primary sedimentation area during a major earthquake.

Budget Request Basis

The appropriation request is based on analysis of project schedule, spending, contingency, budget carryover amount and the timing of property acquisition and implementation contracting.

Project Status

Negotiated of the consultant contract is complete. Final execution of the contract is expected by the end of the second quarter 2016. The project team to will develop criteria to evaluate alternatives. Alternative analysis will be the focus for 2016 in preparation for Gate 2 Alternative Selection in early 2017.

Alternatives Analysis

Alternatives to be evaluated include seismic retrofits of the existing roof structure as well as demolition of the existing roof.

Funding and Revenue Discussion

Other Agency Involvement

An alternative hasn't been selected so a determination of other agency involvement is unknown at this phase.

Art Eligibility

Yes. Art to be tranferred at Alternative Analysis per agreement with 4Culture.

Equity and Social Justice Impact

N/A. Inside of existing plant boundaries. No odor or transportation impact.

Strategic Climate Action Plan Alignment

Project will strive for the Platinum level on the Sustainability Scorecard by considering energy efficiency, water conservation, use of sustainable materials, environmental health, community quality of life, equity and social justice. Project will also maximize construction and demolition waste diversion from landfills by striving for an 80% - 85% diversion rate. These actions contribute to SCAP Green Building Goal Area targets and strategies.

Operating Budget Impacts

When completed there should be no increase to the operating budget.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WTC INTERBY PS PARTIAL FM RPLC

1128354

Green Building Reporting

Department	NATURAL RESOURCES AND PARKS
Council District(s)	4
Fund	3611 WATER QUALITY CONST-UNRES
Class Code	STANDALONE
Substantial Completion	08/02/2021
Location	Interbay Pump Station
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 06/01/16 - 09/13/16	\$100,000	\$0	\$0	\$0	\$100,000
2 Preliminary Design 09/13/16 - 09/12/17	\$600,000	\$2,197,118	\$0	\$0	\$2,797,118
3 Final Design 09/12/17 - 08/01/19	\$0	\$3,289,110	\$3,501,404	\$0	\$6,790,514
4 Implementation 08/01/19 - 02/01/22	\$0	\$4,689	\$17,561,542	\$1,849,518	\$19,415,749
5 Closeout 02/01/22 - 06/01/22	\$0	\$0	\$0	\$58,916	\$58,916
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$700,000	\$5,490,917	\$21,062,946	\$1,908,434	\$29,162,297

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39199 - DEBT PROCEEDS TRANSFER	\$5,490,917	\$0	\$0	\$5,490,917
Total Revenue	\$5,490,917	\$0	\$0	\$5,490,917

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		WTC INTERBY PS PARTIAL FM RPLC					1128354
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense	
1 Planning	\$0	\$149,292	\$0	\$0	\$0	\$149,292	
2 Prelim Design	\$0	\$347,965	\$1,110,062	\$0	\$0	\$1,458,027	
3 Final Design	\$0	\$5,463	\$2,565,561	\$3,137,896	\$0	\$5,708,920	
4 Implementation	\$0	\$2,482	\$23,077	\$6,400,672	\$15,054,585	\$21,480,816	
5 Closeout	\$0	\$0	\$938	\$0	\$61,604	\$62,542	
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0	
Total Expense	\$0	\$505,202	\$3,699,638	\$9,538,568	\$15,116,189	\$28,859,597	

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$100,000	\$149,292
2 Preliminary Design	\$0	\$0	\$0	\$600,000	\$347,965
3 Final Design	\$0	\$0	\$0	\$0	\$5,463
4 Implementation	\$0	\$0	\$0	\$0	\$2,482
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$700,000	\$505,202

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$49,292)	\$0	\$0	(\$49,292)
2 Preliminary Design	\$252,035	\$2,197,118	\$1,110,062	\$1,339,091
3 Final Design	(\$5,463)	\$3,289,110	\$2,565,561	\$718,086
4 Implementation	(\$2,482)	\$4,689	\$23,077	(\$20,870)
5 Closeout	\$0	\$0	\$938	(\$938)
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$194,798	\$5,490,917	\$3,699,638	\$1,986,077

NARRATIVES WTC INTERBY PS PARTIAL FM RPLC 1128354

Current Scope

Interbay Pump Station Partial Force Main Replacement - The project will determine the locations and length and of the Interbay Pump Station force main segments to be replaced. Following WTD Capital Systems Team approval the project will proceed with design and construction of the needed replacements.

Project Justification

The condition of the Interbay Pump Station is known to be deteriorating. A section of the Interbay Pump Station force mains failed in December 2013 resulting in a sewage spill. This project will correct all found deficiencies in the force main. Without correction there is high probability of continuing emergency situations and the need to respond to sewage spills along the force main alignment.

Budget Request Basis

The appropriation request is based on analysis of project schedule, spending, contingency and the timing of property acquisition and implementation contracting.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	WTC INTERBY PS PARTIAL FM RPLC	1128354
Project Status		
Project chartering mid-2016 followed by alternative analysis activities in 2017.		
Alternatives Analysis		
Not conducted yet. To be completed in the course of project delivery.		
Funding and Revenue Discussion		
Other Agency Involvement		
To be determined.		
Art Eligibility		
No. Project is for underground sewer refurbishment.		
Equity and Social Justice Impact		
We are implementing an ESJ Assessment protocol for all projects and developed an associated Assessment table and survey that fully implements ESJ practices into capital projects. Additional information is outlined in the 2017-2018 Wastewater Treatment Division Business Plan and ESJ work plan.		
Strategic Climate Action Plan Alignment		
Project will strive for the Platinum level on the Sustainability Scorecard by considering energy efficiency, water conservation, use of sustainable materials, environmental health, community quality of life, equity and social justice. Project will also maximize construction and demolition waste diversion from landfills by striving for an 80% - 85% diversion rate. These actions contribute to SCAP Green Building Goal Area targets and strategies.		
Operating Budget Impacts		
Not evaluated yet		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WTC WP LSG PIPING REPLACEMENT

1129526

Department	NATURAL RESOURCES AND PARKS
Council District(s)	4
Fund	3611 WATER QUALITY CONST-UNRES
Class Code	STANDALONE
Substantial Completion	06/19/2021
Location	West Point TP
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/01/17 - 06/01/17	\$0	\$122,766	\$0	\$0	\$122,766
2 Preliminary Design 06/01/17 - 02/01/18	\$0	\$1,023,393	\$0	\$0	\$1,023,393
3 Final Design 02/01/18 - 01/01/19	\$0	\$1,369,364	\$377,479	\$0	\$1,746,843
4 Implementation 01/01/19 - 12/31/21	\$0	\$0	\$8,761,179	\$887,692	\$9,648,871
5 Closeout 01/31/22 - 12/31/22	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$2,515,523	\$9,138,658	\$887,692	\$12,541,873

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39199 - DEBT PROCEEDS TRANSFER	\$2,515,523	\$0	\$0	\$2,515,523
Total Revenue	\$2,515,523	\$0	\$0	\$2,515,523

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		WTC WP LSG PIPING REPLACEMENT					1129526
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense	
1 Planning	\$0	\$0	\$122,766	\$0	\$0	\$122,766	
2 Prelim Design	\$0	\$0	\$1,023,393	\$0	\$0	\$1,023,393	
3 Final Design	\$0	\$0	\$183,930	\$1,523,187	\$39,726	\$1,746,843	
4 Implementation	\$0	\$0	\$0	\$4,872,395	\$4,776,478	\$9,648,873	
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0	
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0	
Total Expense	\$0	\$0	\$1,330,089	\$6,395,582	\$4,816,204	\$12,541,875	

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$122,766	\$122,766	\$0
2 Preliminary Design	\$0	\$1,023,393	\$1,023,393	\$0
3 Final Design	\$0	\$1,369,364	\$183,930	\$1,185,434
4 Implementation	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$2,515,523	\$1,330,089	\$1,185,434

NARRATIVES WTC WP LSG PIPING REPLACEMENT 1129526

Current Scope

West Point Low Pressure Biogas Piping Replacement - Replace the Low Pressure Biogas (LSG) piping system at the West Point Treatment Plant (WPTP). Recent inspections identified not less than six holes in the LSG piping. Temporary patches have been installed at these locations. The LSG pipe system at West Point was installed during the original plant construction in the 1960 for Digesters 1-3. The system was expanded in the mid 1980's with the construction of Digesters 4 and 5; and again in the 1990's with the addition of Digester 6.

Project Justification

The biogas systems are crucial to the operation of the treatment facility. Leaking gas pipes compromises safety and operation of the plant.

Budget Request Basis

The appropriation request is based on analysis of project schedule, spending, contingency and the timing of property acquisition and implementation contracting.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	WTC WP LSG PIPING REPLACEMENT	1129526
Project Status		
Project starting in 2017.		
Alternatives Analysis		
Not conducted yet. To be completed in the course of project delivery. .		
Funding and Revenue Discussion		
Other Agency Involvement		
To be determined.		
Art Eligibility		
No. Project is for equipment replacement.		
Equity and Social Justice Impact		
N/A. Inside of existing plant boundaries. No odor or transportation impact.		
Strategic Climate Action Plan Alignment		
Project will strive for the Platinum level on the Sustainability Scorecard by considering energy efficiency, water conservation, use of sustainable materials, environmental health, community quality of life, equity and social justice. Project will also maximize construction and demolition waste diversion from landfills by striving for an 80% - 85% diversion rate. These actions contribute to SCAP Green Building Goal Area targets and strategies.		
Operating Budget Impacts		
Expected to reduce maintenance costs.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WTC IBAY PS FM ODOR/CORR CNTRL

1129527

Department	NATURAL RESOURCES AND PARKS
Council District(s)	4
Fund	3611 WATER QUALITY CONST-UNRES
Class Code	STANDALONE
Substantial Completion	09/22/2019
Location	Interbay force main discharge structure
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/01/17 - 06/19/17	\$0	\$21,705	\$0	\$0	\$21,705
2 Preliminary Design 06/19/17 - 03/19/18	\$0	\$376,202	\$0	\$0	\$376,202
3 Final Design 03/19/18 - 02/19/19	\$0	\$485,207	\$185,490	\$0	\$670,697
4 Implementation 02/19/19 - 12/19/19	\$0	\$0	\$1,500,703	\$0	\$1,500,703
5 Closeout 12/19/19 - 06/19/20	\$0	\$0	\$2,589	\$0	\$2,589
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$883,114	\$1,688,782	\$0	\$2,571,896

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39199 - DEBT PROCEEDS TRANSFER	\$883,114	\$0	\$0	\$883,114
Total Revenue	\$883,114	\$0	\$0	\$883,114

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		WTC IBAY PS FM ODOR/CORR CNTRL					1129527
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense	
1 Planning	\$0	\$0	\$21,705	\$0	\$0	\$21,705	
2 Prelim Design	\$0	\$0	\$176,202	\$0	\$0	\$176,202	
3 Final Design	\$0	\$0	\$285,207	\$185,490	\$0	\$470,697	
4 Implementation	\$0	\$0	\$0	\$1,900,703	\$0	\$1,900,703	
5 Closeout	\$0	\$0	\$0	\$2,589	\$0	\$2,589	
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0	
Total Expense	\$0	\$0	\$483,114	\$2,088,782	\$0	\$2,571,896	

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$21,705	\$21,705	\$0
2 Preliminary Design	\$0	\$376,202	\$176,202	\$200,000
3 Final Design	\$0	\$485,207	\$285,207	\$200,000
4 Implementation	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$883,114	\$483,114	\$400,000

NARRATIVES WTC IBAY PS FM ODOR/CORR CNTRL 1129527

Current Scope

Interbay Pump Station Force Main Odor/Corrosion Control - Evaluate odor control alternatives at the Interbay Force Main Transition Structure (Wheeler Street). Design and construct recommended alternative.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WTC IBAY PS FM ODOR/CORR CNTRL

1129527

Project Justification

This project is to evaluate alternatives to control odors and H2S corrosion at the Interbay Force Main Discharge Structure (Wheeler Street); and to design and construct the recommended alternative. Evaluation is to include consideration for continuing the practice of utilizing a mobile odor control unit, versus a permanent odor control facility. Perform engineering investigation to provide a Predesign Design Report. The Predesign Report will look at different alternatives, including permanent facility, and mobile odor control unit. The evaluation shall investigate permitting, siting and environmental compliance requirements for any odor control installed at this site. Odor control, and mitigation of H2S corrosion, is needed at this site, but questions as to what is the most appropriate form of odor control; what permitting requirements are expected; and probable project cost need to be evaluated to determine the most appropriate course of action. Currently there is a mobile odor control unit (MOCU) at this location. WTD's fleet of MOCUs have reached the end of their useful life. A separate project is pursuing replacement of the MOCUs, however the final quantity of units is still a question. This project will design and construct a permanent odor control facility, provided, that is the recommended alternative. Project driver is cost. Constraints: Project site is constrained by BNSF rail corridor to the west, and a public golf course to the east.

Budget Request Basis

The appropriation request is based on analysis of project schedule, spending, contingency and the timing of property acquisition and implementation contracting.

Project Status

Project starting in 2017.

Alternatives Analysis

Not conducted yet. To be completed in the course of project delivery.

Funding and Revenue Discussion

Other Agency Involvement

To be determined.

Art Eligibility

No. Project is for equipment replacement.

Equity and Social Justice Impact

We are implementing an ESJ Assessment protocol for all projects and developed an associated Assessment table and survey that fully implements ESJ practices into capital projects. Additional information is outlined in the 2017-2018 Wastewater Treatment Division Business Plan and ESJ work plan.

Strategic Climate Action Plan Alignment

Project will strive for the Platinum level on the Sustainability Scorecard by considering energy efficiency, water conservation, use of sustainable materials, environmental health, community quality of life, equity and social justice. Project will also maximize construction and demolition waste diversion from landfills by striving for an 80% - 85% diversion rate. These actions contribute to SCAP Green Building Goal Area targets and strategies.

Operating Budget Impacts

To be determined.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WTC OFFSITE REPLACE SMALL GENS

1129528

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3611 WATER QUALITY CONST-UNRES
Class Code	STANDALONE
Substantial Completion	09/19/2021
Location	Countywide
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/02/17 - 06/09/17	\$0	\$144,515	\$0	\$0	\$144,515
2 Preliminary Design 06/12/17 - 12/26/17	\$0	\$539,303	\$702,960	\$0	\$1,242,263
3 Final Design 12/27/17 - 06/01/18	\$0	\$0	\$1,655,075	\$1,753,659	\$3,408,734
4 Implementation 06/04/18 - 12/09/22	\$0	\$377,605	\$3,359,598	\$3,990,303	\$7,727,506
5 Closeout 12/12/22 - 12/09/23	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$1,061,423	\$5,717,633	\$5,743,962	\$12,523,018

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39199 - DEBT PROCEEDS TRANSFER	\$1,061,423	\$0	\$0	\$1,061,423
Total Revenue	\$1,061,423	\$0	\$0	\$1,061,423

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		WTC OFFSITE REPLACE SMALL GENS					1129528
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense	
1 Planning	\$0	\$0	\$144,515	\$0	\$0	\$144,515	
2 Prelim Design	\$0	\$0	\$433,303	\$702,960	\$0	\$1,136,263	
3 Final Design	\$0	\$0	\$0	\$749,075	\$1,753,659	\$2,502,734	
4 Implementation	\$0	\$0	\$377,604	\$3,359,598	\$3,990,302	\$7,727,504	
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0	
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0	
Total Expense	\$0	\$0	\$955,422	\$4,811,633	\$5,743,961	\$11,511,016	

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$144,515	\$144,515	\$0
2 Preliminary Design	\$0	\$539,303	\$433,303	\$106,000
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$377,605	\$377,604	\$1
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$1,061,423	\$955,422	\$106,001

NARRATIVES WTC OFFSITE REPLACE SMALL GENS 1129528

Current Scope

Offsite Replacement of Small Generators - Replacement of small generators at various offsite stations. The work involves the design and construction of replacement generators at the following facilities: 8th Avenue .Regulator Station, Brandon Outfall, Brandon Regulator Station, Chelan Regulator Station, Connecticut Regulator Station, Dexter Regulator Station, Hanford Regulator Station, Hanford Outfall, Harbor Regulator Station, King Street Regulator Station, Lake City Tunnel Regulator Station, Montlake Regulator Station, Norfolk Regulator Station, South Michigan Outfall, South Michigan Regulator Station, West Michigan Regulator Station, and the Ballard Regulator Station.

Project Justification

Back-up power is required at WTD facilities to remain operational during power disruptions. Many of the Regulator Stations have generators that are beyond their useful life and are obsolete. The project goal is to ensure adequate back-up electrical power is available at these stations.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	WTC OFFSITE REPLACE SMALL GENS	1129528
Budget Request Basis		
The appropriation request is based on analysis of project schedule, spending, contingency and the timing of property acquisition and implementation contracting.		
Project Status		
N/A		
Alternatives Analysis		
Not conducted yet. To be completed in the course of project delivery.		
Funding and Revenue Discussion		
Other Agency Involvement		
May involve permitting with local jurisdictions for building permits.		
Art Eligibility		
No. Project is for equipment replacement.		
Equity and Social Justice Impact		
To be determined as location impacts are identified. We are implementing an ESJ Assessment protocol for all projects and developed an associated Assessment table and survey that fully implements ESJ practices into capital projects. Additional information is outlined in the 2017-2018 Wastewater Treatment Division Business Plan and ESJ work plan.		
Strategic Climate Action Plan Alignment		
Project will strive for the Platinum level on the Sustainability Scorecard by considering energy efficiency, water conservation, use of sustainable materials, environmental health, community quality of life, equity and social justice. Project will also maximize construction and demolition waste diversion from landfills by striving for an 80% - 85% diversion rate. These actions contribute to SCAP Green Building Goal Area targets and strategies.		
Operating Budget Impacts		
The project should provide new generators that are more reliable and require less maintenance and repair, thereby reducing Operating staff hours to maintain them.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WTC WP REFURB PE & RAS PIPES

1129529

Department	NATURAL RESOURCES AND PARKS
Council District(s)	4
Fund	3611 WATER QUALITY CONST-UNRES
Class Code	STANDALONE
Substantial Completion	06/19/2021
Location	West Point TP
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/01/17 - 03/19/17	\$0	\$35,258	\$0	\$0	\$35,258
2 Preliminary Design 03/19/17 - 06/19/17	\$0	\$316,494	\$0	\$0	\$316,494
3 Final Design 06/19/17 - 12/31/17	\$0	\$58,434	\$774,038	\$26,491	\$858,963
4 Implementation 01/01/18 - 12/31/21	\$0	\$4,256,665	\$166,366	\$287,727	\$4,710,758
5 Closeout 01/01/22 - 06/19/22	\$0	\$0	\$0	\$2,126	\$2,126
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$4,666,851	\$940,404	\$316,344	\$5,923,599

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39199 - DEBT PROCEEDS TRANSFER	\$4,666,851	\$0	\$0	\$4,666,851
Total Revenue	\$4,666,851	\$0	\$0	\$4,666,851

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		WTC WP REFURB PE & RAS PIPES					1129529
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense	
1 Planning	\$0	\$0	\$35,258	\$0	\$0	\$35,258	
2 Prelim Design	\$0	\$0	\$316,494	\$0	\$0	\$316,494	
3 Final Design	\$0	\$0	\$58,434	\$774,038	\$26,491	\$858,963	
4 Implementation	\$0	\$0	\$484,432	\$2,025,780	\$2,200,545	\$4,710,757	
5 Closeout	\$0	\$0	\$0	\$0	\$2,126	\$2,126	
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0	
Total Expense	\$0	\$0	\$894,618	\$2,799,818	\$2,229,162	\$5,923,598	

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$35,258	\$35,258	\$0
2 Preliminary Design	\$0	\$316,494	\$316,494	\$0
3 Final Design	\$0	\$58,434	\$58,434	\$0
4 Implementation	\$0	\$4,256,665	\$484,432	\$3,772,233
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$4,666,851	\$894,618	\$3,772,233

NARRATIVES WTC WP REFURB PE & RAS PIPES 1129529

Current Scope

West Point Refurbish Primary Effluent and Return Activated Sludge Pipes - Restore and/or replace portions of the Primary Effluent (PE) and Return Activated Sludge (RAS) lines in the secondary process area at the West Point Treatment Plant.

Project Justification

An evaluation and inspection of the PE and RAS piping was conducted during 2015 under project 1122766. The inspection identified several sections of piping that have suffered significant loss of metal. Of particular concern is the PE pipes serving Aeration Trains 1-6. These pipe are 42-inch diameter and approximately 160 ft in length. Trains 1, 3, and 5 are exposed, while Trains 2, 4 and 6 are buried in the aeration basin landscaping. Train 4 has metal loss of approx.1/8 inch in the crown of the pipe, with localized pits that have wall loss up to 80%. Train 6 is similar. Trains 3 and 5 have coating failure; they have also experienced metal loss, however it is not as severe as Train 4 or 6. Trains 1-2 were not inspected in 2015, but are assumed to be in similar poor condition.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WTC WP REFURB PE & RAS PIPES

1129529

Budget Request Basis

The appropriation request is based on analysis of project schedule, spending, contingency and the timing of property acquisition and implementation contracting.

Project Status

Project starting in 2017.

Alternatives Analysis

Not conducted yet. To be completed in the course of project delivery.

Funding and Revenue Discussion

Other Agency Involvement

To be determined.

Art Eligibility

No. Equipment (pipe) replacement/restoration.

Equity and Social Justice Impact

N/A. Inside of existing plant boundaries. No odor or transportation impact.

Strategic Climate Action Plan Alignment

Project will strive for the Platinum level on the Sustainability Scorecard by considering energy efficiency, water conservation, use of sustainable materials, environmental health, community quality of life, equity and social justice. Project will also maximize construction and demolition waste diversion from landfills by striving for an 80% - 85% diversion rate. These actions contribute to SCAP Green Building Goal Area targets and strategies.

Operating Budget Impacts

Expected to reduce maintenance costs.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WTC SP C2/C3 PIPE REPLACEMENT

1129531

Department	NATURAL RESOURCES AND PARKS
Council District(s)	5
Fund	3611 WATER QUALITY CONST-UNRES
Class Code	STANDALONE
Substantial Completion	09/29/2019
Location	South Treatment Plant
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$34,892	\$0	\$0	\$34,892
2 Preliminary Design	\$0	\$166,366	\$0	\$0	\$166,366
3 Final Design	\$0	\$270,094	\$0	\$0	\$270,094
4 Implementation 03/23/17 - 02/19/18	\$0	\$3,624,503	\$0	\$0	\$3,624,503
5 Closeout 02/19/18 - 09/04/18	\$0	\$14,020	\$0	\$0	\$14,020
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$4,109,875	\$0	\$0	\$4,109,875

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39199 - DEBT PROCEEDS TRANSFER	\$4,109,875	\$0	\$0	\$4,109,875
Total Revenue	\$4,109,875	\$0	\$0	\$4,109,875

EXPENSE

WTC SP C2/C3 PIPE REPLACEMENT

1129531

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$34,892	\$0	\$0	\$34,892
2 Prelim Design	\$0	\$0	\$166,366	\$0	\$0	\$166,366
3 Final Design	\$0	\$0	\$270,094	\$0	\$0	\$270,094
4 Implementation	\$0	\$0	\$3,624,502	\$0	\$0	\$3,624,502
5 Closeout	\$0	\$0	\$14,020	\$0	\$0	\$14,020
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$0	\$0	\$4,109,874	\$0	\$0	\$4,109,874

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$34,892	\$34,892	\$0
2 Preliminary Design	\$0	\$166,366	\$166,366	\$0
3 Final Design	\$0	\$270,094	\$270,094	\$0
4 Implementation	\$0	\$3,624,503	\$3,624,502	\$1
5 Closeout	\$0	\$14,020	\$14,020	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$4,109,875	\$4,109,874	\$1

NARRATIVES

WTC SP C2/C3 PIPE REPLACEMENT

1129531

Current Scope

South Plant C2/C3 Pipe Replacement - Provide funding and a stand alone project number for the implementation phase of the previously initiated South Plant C2/C3 Header Replacement Project #1122486. That project scope is to replace 1,900 linear feet of C2/C3 header piping in the South Plant aeration gallery.

Project Justification

The existing C2, C3 Low pressure and C3 High pressure process piping in the South Plant aeration gallery is leaking and needs to be replaced before a catastrophic failure occurs that will severely impact South Plant operations.

Budget Request Basis

The appropriation request is based on analysis of project schedule, spending, contingency and the timing of property acquisition and implementation contracting.

Project Status

Project starting in 2017.

Alternatives Analysis

Different piping materials were considered during Alternative Analysis and only the recommended alternative, grooved end steel pipe was found to be acceptable.

Funding and Revenue Discussion

Other Agency Involvement

None.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	WTC SP C2/C3 PIPE REPLACEMENT	1129531
Art Eligibility		
No. Project is for equipment replacement.		
Equity and Social Justice Impact		
N/A. Inside of existing plant boundaries. No odor or transportation impact.		
Strategic Climate Action Plan Alignment		
Project will strive for the Platinum level on the Sustainability Scorecard by considering energy efficiency, water conservation, use of sustainable materials, environmental health, community quality of life, equity and social justice. Project will also maximize construction and demolition waste diversion from landfills by striving for an 80% - 85% diversion rate. These actions contribute to SCAP Green Building Goal Area targets and strategies.		
Operating Budget Impacts		
The operating labor costs should be somewhat reduced to do the replacement of existing piping that currently requires excessive ongoing maintenance to keep operational.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WTC BW OPTIMIZE AERATION BASIN

1129532

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3611 WATER QUALITY CONST-UNRES
Class Code	STANDALONE
Substantial Completion	01/19/2021
Location	Brightwater Treatment Plant
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/01/17 - 06/30/17	\$0	\$96,791	\$0	\$0	\$96,791
2 Preliminary Design 07/01/17 - 12/31/17	\$0	\$1,277,589	\$0	\$0	\$1,277,589
3 Final Design 01/01/18 - 06/30/18	\$0	\$0	\$2,543,056	\$0	\$2,543,056
4 Implementation 07/01/18 - 06/30/22	\$0	\$1,213,412	\$7,883,541	\$804,294	\$9,901,247
5 Closeout 07/01/22 - 07/31/23	\$0	\$0	\$0	\$71,916	\$71,916
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$2,587,792	\$10,426,597	\$876,210	\$13,890,599

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39199 - DEBT PROCEEDS TRANSFER	\$2,587,792	\$0	\$0	\$2,587,792
Total Revenue	\$2,587,792	\$0	\$0	\$2,587,792

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		WTC BW OPTIMIZE AERATION BASIN					1129532
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense	
1 Planning	\$0	\$0	\$96,791	\$0	\$0	\$96,791	
2 Prelim Design	\$0	\$0	\$589,075	\$108,514	\$0	\$697,589	
3 Final Design	\$0	\$0	\$0	\$1,391,121	\$571,935	\$1,963,056	
4 Implementation	\$0	\$0	\$1,213,412	\$3,380,494	\$6,467,342	\$11,061,248	
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0	
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0	
Total Expense	\$0	\$0	\$1,899,278	\$4,880,129	\$7,039,277	\$13,818,684	

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$96,791	\$96,791	\$0
2 Preliminary Design	\$0	\$1,277,589	\$589,075	\$688,514
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$1,213,412	\$1,213,412	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$2,587,792	\$1,899,278	\$688,514

NARRATIVES WTC BW OPTIMIZE AERATION BASIN 1129532

Current Scope

Brightwater Optimize Aeration Basin - At the Brightwater Treatment Plant (BW), optimize the three aeration basins to improve diffuser and zone control and to reduce process chemical costs, energy usage, and foaming.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WTC BW OPTIMIZE AERATION BASIN

1129532

Project Justification

Experience with operating the Brightwater Treatment Plant since coming online in 2012 has shown that the design of the aeration basins is not optimal. Because of low alkalinity, Brightwater spends \$1.2 million dollars annually for caustic addition to meet discharge permit limits for pH. The ability to fully or partially denitrify would decrease the demand for caustic addition and air. Modification of the anoxic zones in each basin could reduce the annual cost of chemical addition by about 50 percent. In addition to the cost for caustic addition, the current aeration air flow is as much as 20% higher than expected during high load periods of the day. A more efficient diffuser system could result in substantial energy savings as well improving the plant processes noted above. Brightwater experiences foaming events that affect flow through the aeration basins and membrane filterability. Foam is usually the result of filamentous bacteria, that thrive with long sludge ages and when aeration is not well controlled. Revisions to the aeration diffuser layouts, headers and valving can improve foam control, the economic life of the diffusers, and reduce energy usage. Foam control would also be improved with modifications to the aeration basin scum channels.

Budget Request Basis

The appropriation request is based on analysis of project schedule, spending, contingency and the timing of property acquisition and implementation contracting.

Project Status

N/A

Alternatives Analysis

Not conducted yet. To be completed in the course of project delivery.

Funding and Revenue Discussion

Other Agency Involvement

This will be developed during the project planning phase. A preliminary list would include permitting, flow modeling, environmental, community planning, plant operations, Washington State Department of Ecology and Snohomish County Planning and Development Services.

Art Eligibility

No. Project is for equipment replacement.

Equity and Social Justice Impact

N/A. Inside of existing plant boundaries. No odor or transportation impact.

Strategic Climate Action Plan Alignment

Project will strive for the Platinum level on the Sustainability Scorecard by considering energy efficiency, water conservation, use of sustainable materials, environmental health, community quality of life, equity and social justice. Project will also maximize construction and demolition waste diversion from landfills by striving for an 80% - 85% diversion rate. These actions contribute to SCAP Green Building Goal Area targets and strategies.

Operating Budget Impacts

This project is expected to significantly reduce operating costs. Because of low alkalinity, Brightwater spends \$1.2 million dollars annually for caustic addition to meet discharge permit limits for pH. The ability to fully or partially denitrify would decrease the demand for caustic addition and air. Modification of the anoxic zones in each basin could reduce the annual cost of chemical addition by about 50 percent. In addition to the cost for caustic addition, the current aeration air flow is as much as 20% higher than expected during high load periods of the day. A more efficient diffuser system could result in substantial energy savings as well improving the plant processes noted above.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status: Approved

WTC CHELAN AVE CSO

1129533

Art Eligible

Department	NATURAL RESOURCES AND PARKS
Council District(s)	8
Fund	3611 WATER QUALITY CONST-UNRES
Class Code	STANDALONE
Substantial Completion	12/01/2022
Location	Near the Duwamish River, at the base of the hill to West Seattle
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 11/10/15 - 09/13/16	\$0	\$468,419	\$0	\$0	\$468,419
2 Preliminary Design 09/13/16 - 03/13/18	\$0	\$7,842,092	\$0	\$0	\$7,842,092
3 Final Design 03/13/18 - 09/02/19	\$0	\$776,327	\$13,920,811	\$351,951	\$15,049,089
4 Implementation 09/02/19 - 12/08/23	\$0	\$0	\$29,138,994	\$24,615,994	\$53,754,988
5 Closeout 12/08/23 - 08/08/24	\$0	\$0	\$0	\$28,239	\$28,239
6 Acquisition 01/08/17 - 06/08/18	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$9,086,838	\$43,059,805	\$24,996,184	\$77,142,827

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39199 - DEBT PROCEEDS TRANSFER	\$9,086,838	\$0	\$0	\$9,086,838
Total Revenue	\$9,086,838	\$0	\$0	\$9,086,838

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		WTC CHELAN AVE CSO				1129533
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$468,419	\$0	\$0	\$468,419
2 Prelim Design	\$0	\$0	\$4,204,799	\$0	\$0	\$4,204,799
3 Final Design	\$0	\$0	\$776,327	\$10,283,517	\$351,951	\$11,411,795
4 Implementation	\$0	\$0	\$0	\$29,138,994	\$31,890,581	\$61,029,575
5 Closeout	\$0	\$0	\$0	\$0	\$28,239	\$28,239
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$0	\$0	\$5,449,545	\$39,422,511	\$32,270,771	\$77,142,827

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$468,419	\$468,419	\$0
2 Preliminary Design	\$0	\$7,842,092	\$4,204,799	\$3,637,293
3 Final Design	\$0	\$776,327	\$776,327	\$0
4 Implementation	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$9,086,838	\$5,449,545	\$3,637,293

NARRATIVES WTC CHELAN AVE CSO 1129533

Current Scope

Chelan Avenue Combined Sewer Overflow - This consent decree driven project will control the Chelan Combined Sewer Overflow (CSO) to no more than one overflow per year on a rolling twenty year average. It will include the construction of a storage facility for an estimated 4-5 million gallons of mixed storm and wastewater (as determined by the WTD's modeling group), related conveyance lines and required support facilities including odor control and emergency power generation. This project may also include some elements of Green Stormwater Infrastructure (GSI).

Project Justification

This project will prevent CSO overflows into the lower Duwamish River, protect health and public safety, and meet the requirements of the consent decree between King County, the Environmental Protection Agency and the Department of Ecology.

Budget Request Basis

The appropriation request is based on analysis of project schedule, spending, contingency and the timing of property acquisition and implementation contracting.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WTC CHELAN AVE CSO

1129533

Project Status

N/A

Alternatives Analysis

The Wastewater Treatment Division's planning group is currently completing a final review of alternatives to address overflows at Chelan. Alternatives include storage facilities of different types, inline conveyance system storage and Green Stormwater Infrastructure (GSI) systems. At the same time the modeling group is working to determine the exact volumes of stormwater that will need to be controlled. By the end of August of 2016 this information will be transferred to the capital project team with an identified preferred alternative. The preferred alternative(s) will then be further refined and the Facility Plan developed as design moves to 30%.

Funding and Revenue Discussion

Other Agency Involvement

WTD management is currently in discussion with Seattle Public Utilities (SPU) to determine if efficiencies of stormwater management can be gained by working in coordination. A determination should be made later this summer (2016).

Art Eligibility

Yes. Art to be transferred at Alternative Analysis per agreement with 4Culture.

Equity and Social Justice Impact

This project will increase water quality in the Duwamish River for the region as a whole but also directly affect and improve conditions for the minority populations that (in the greatest majority) use the river for fishing and recreating. We are implementing an ESJ Assessment protocol for all projects and developed an associated Assessment table and survey that fully implements ESJ practices into capital projects. Additional information is outlined in the 2017-2018 Wastewater Treatment Division Business Plan and ESJ work plan.

Strategic Climate Action Plan Alignment

Project will strive for the Platinum level on the Sustainability Scorecard by considering energy efficiency, water conservation, use of sustainable materials, environmental health, community quality of life, equity and social justice. Project will also maximize construction and demolition waste diversion from landfills by striving for an 80% - 85% diversion rate. These actions contribute to SCAP Green Building Goal Area targets and strategies.

Operating Budget Impacts

This facility when completed will cause an increase to the divisions operating budget, the cost is not known at this time. This facility is required by the Consent Decree between King County and the EPA.

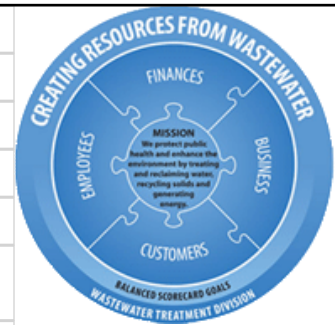
Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status: Approved

WTC SAMMAMISH PLATEAU DIV

1129534

Department	NATURAL RESOURCES AND PARKS
Council District(s)	3
Fund	3611 WATER QUALITY CONST-UNRES
Class Code	STANDALONE
Substantial Completion	06/19/2023
Location	Along the east side of Lake Sammamish located within E. Lake Sammamish. Parkway NE
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/01/18 - 12/31/18	\$0	\$223,861	\$0	\$0	\$223,861
2 Preliminary Design 01/01/19 - 06/30/19	\$0	\$3,019,411	\$1,498,870	\$0	\$4,518,281
3 Final Design 07/01/19 - 06/30/20	\$0	\$0	\$4,465,224	\$5,973,155	\$10,438,379
4 Implementation 07/01/20 - 12/31/23	\$0	\$0	\$29,178	\$5,026,847	\$5,056,025
5 Closeout 06/01/24 - 12/31/24	\$0	\$0	\$0	\$0	\$0
6 Acquisition 01/01/19 - 06/30/20	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$3,243,272	\$5,993,272	\$11,000,002	\$20,236,546

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39199 - DEBT PROCEEDS TRANSFER	\$3,243,272	\$0	\$0	\$3,243,272
Total Revenue	\$3,243,272	\$0	\$0	\$3,243,272

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		WTC SAMMAMISH PLATEAU DIV					1129534
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense	
1 Planning	\$0	\$0	\$223,861	\$0	\$0	\$223,861	
2 Prelim Design	\$0	\$0	\$226,139	\$1,498,870	\$0	\$1,725,009	
3 Final Design	\$0	\$0	\$0	\$1,671,952	\$5,973,155	\$7,645,107	
4 Implementation	\$0	\$0	\$0	\$29,178	\$5,026,847	\$5,056,025	
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0	
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0	
Total Expense	\$0	\$0	\$450,000	\$3,200,000	\$11,000,002	\$14,650,002	

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$223,861	\$223,861	\$0
2 Preliminary Design	\$0	\$3,019,411	\$226,139	\$2,793,272
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$3,243,272	\$450,000	\$2,793,272

NARRATIVES WTC SAMMAMISH PLATEAU DIV 1129534

Current Scope

Sammamish Plateau Diversion - Development of an approximately 24-inch pipeline extending about 18,500 feet along the east side of Lake Sammamish located within E. Lake Sammamish Parkway NE from Inglewood Hills road to the NE Lake Sammamish Interceptor.

Project Justification

This project is a part of the Conveyance System Improvement program to address capacity needs. The need for the project was verified through the Flow Monitoring Program in 2009 and 2011.

Budget Request Basis

The appropriation request is based on analysis of project schedule, spending, contingency and the timing of property acquisition and implementation contracting.

Project Status

N/A

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WTC SAMMAMISH PLATEAU DIV

1129534

Alternatives Analysis

Not conducted yet. To be completed in the course of project delivery.

Funding and Revenue Discussion

Other Agency Involvement

This will be developed during the planning phase. A preliminary list would include permitting, flow modeling, environmental, community planning, plant operations, Washington State Department of Ecology, King County Department of Permitting and Environmental Review and City of Sammamish.

Art Eligibility

No. This project is an underground sewer pipeline.

Equity and Social Justice Impact

We are implementing an ESJ Assessment protocol for all projects and developed an associated Assessment table and survey that fully implements ESJ practices into capital projects. Additional information is outlined in the 2017-2018 Wastewater Treatment Division Business Plan and ESJ work plan.

Strategic Climate Action Plan Alignment

Project will strive for the Platinum level on the Sustainability Scorecard by considering energy efficiency, water conservation, use of sustainable materials, environmental health, community quality of life, equity and social justice. Project will also maximize construction and demolition waste diversion from landfills by striving for an 80% - 85% diversion rate. These actions contribute to SCAP Green Building Goal Area targets and strategies.

Operating Budget Impacts

This project will increase system operational budgets because of the new facilities that will be placed in service.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status: Approved

WTC FUTURE CSI PROJECT

1129535

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3611 WATER QUALITY CONST-UNRES
Class Code	STANDALONE
Substantial Completion	06/19/2022
Location	To be determined.
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/01/19 - 12/31/19	\$0	\$0	\$151,249	\$0	\$151,249
2 Preliminary Design 01/01/20 - 06/30/20	\$0	\$0	\$3,752,679	\$0	\$3,752,679
3 Final Design 07/01/20 - 06/30/21	\$0	\$0	\$2,621,342	\$3,396,208	\$6,017,550
4 Implementation 07/01/21 - 12/31/23	\$0	\$0	\$0	\$2,603,792	\$2,603,792
5 Closeout 01/01/24 - 12/31/24	\$0	\$0	\$0	\$0	\$0
6 Acquisition 06/01/19 - 06/30/21	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$0	\$6,525,270	\$6,000,000	\$12,525,270

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

EXPENSE WTC FUTURE CSI PROJECT 1129535

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$151,249	\$0	\$151,249
2 Prelim Design	\$0	\$0	\$0	\$1,390,044	\$0	\$1,390,044
3 Final Design	\$0	\$0	\$0	\$258,707	\$3,396,208	\$3,654,915
4 Implementation	\$0	\$0	\$0	\$0	\$2,603,792	\$2,603,792
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$0	\$0	\$0	\$1,800,000	\$6,000,000	\$7,800,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0

NARRATIVES

WTC FUTURE CSI PROJECT

1129535

Current Scope

Future Conveyance System Improvement Projects - This project is a place holder for a future Conveyance System Improvement (CSI) project starting in 2018. Potential projects include 1) Richmond Beach Storage 2) Thornton Creek Parallel 3) Medina Storage 4) Garrison Creek Parallel or 5) ULID #1 Contract 4 .

Project Justification

The regional system in the areas stated in the scope of work are currently below a 5 year capacity level of service and need additional capacity to meet the Wastewater Treatment Division standard of a 20 year capacity level of service.

Budget Request Basis

The appropriation request is based on analysis of project schedule, spending, contingency and the timing of property acquisition and implementation contracting.

Project Status

N/A

Alternatives Analysis

This is a new project and is set to begin project planning in 2019. Alternatives will be developed in 2019.

Funding and Revenue Discussion

Other Agency Involvement

This will be developed during the planning phase. A preliminary list would include permitting, flow modeling, environmental, community planning, plant operations, Washington State Department of Ecology and King County Department of Permitting and Environmental Review.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	WTC FUTURE CSI PROJECT	1129535
Art Eligibility		
No. This project is an underground sewer pipeline and storage structure.		
Equity and Social Justice Impact		
We are implementing an ESJ Assessment protocol for all projects and developed an associated Assessment table and survey that fully implements ESJ practices into capital projects. Additional information is outlined in the 2017-2018 Wastewater Treatment Division Business Plan and ESJ work plan.		
Strategic Climate Action Plan Alignment		
Project will strive for the Platinum level on the Sustainability Scorecard by considering energy efficiency, water conservation, use of sustainable materials, environmental health, community quality of life, equity and social justice. Project will also maximize construction and demolition waste diversion from landfills by striving for an 80% - 85% diversion rate. These actions contribute to SCAP Green Building Goal Area targets and strategies.		
Operating Budget Impacts		
This project will likely increase system operational budgets because of the new facilities that will be placed in service.		

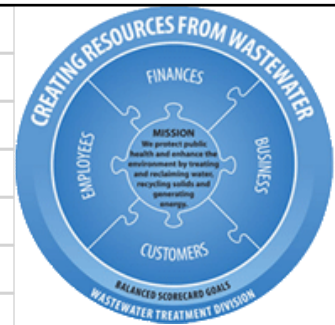
Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WTC CAPITAL PROJECT FORMULATE

1129536

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3611 WATER QUALITY CONST-UNRES
Class Code	STANDALONE
Substantial Completion	
Location	King Street Center
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/02/17 - 12/30/22	\$0	\$171,272	\$0	\$0	\$171,272
2 Preliminary Design 01/02/17 - 12/30/22	\$0	\$1,585,228	\$0	\$0	\$1,585,228
3 Final Design	\$0	\$4,925,676	\$0	\$0	\$4,925,676
4 Implementation	\$0	\$780,334	\$0	\$0	\$780,334
5 Closeout	\$0	\$94,788	\$0	\$0	\$94,788
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$7,557,298	\$0	\$0	\$7,557,298

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39199 - DEBT PROCEEDS TRANSFER	\$7,557,298	\$0	\$0	\$7,557,298
Total Revenue	\$7,557,298	\$0	\$0	\$7,557,298

EXPENSE

WTC CAPITAL PROJECT FORMULATE

1129536

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$171,272	\$0	\$0	\$171,272
2 Prelim Design	\$0	\$0	\$1,585,228	\$0	\$0	\$1,585,228
3 Final Design	\$0	\$0	\$4,925,676	\$0	\$0	\$4,925,676
4 Implementation	\$0	\$0	\$780,334	\$0	\$0	\$780,334
5 Closeout	\$0	\$0	\$94,788	\$0	\$0	\$94,788
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$0	\$0	\$7,557,298	\$0	\$0	\$7,557,298

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$171,272	\$171,272	\$0
2 Preliminary Design	\$0	\$1,585,228	\$1,585,228	\$0
3 Final Design	\$0	\$4,925,676	\$4,925,676	\$0
4 Implementation	\$0	\$780,334	\$780,334	\$0
5 Closeout	\$0	\$94,788	\$94,788	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$7,557,298	\$7,557,298	\$0

NARRATIVES

WTC CAPITAL PROJECT FORMULATE

1129536

Current Scope

Capital Project Formulate - Develop capital projects to a Planning level of scope, schedule, and budget.

Project Justification

This master project request is the result of Council feedback on process improvements in the development of project scope and cost estimating. As needs are identified, subprojects will be used to identify an optimal solution. For those solutions requiring capital investment, a planning level scope of work, schedule and cost estimate will be developed before a standalone project is launched. This process improvement will reduce the volatility of updates to the standalone project scope, schedule and estimate at completion. Wastewater Treatment Division will use the results to better inform future capital budget processes and launch the new projects.

Budget Request Basis

The appropriation request is based on analysis of project spending.

Project Status

N/A

Alternatives Analysis

Not conducted yet. To be completed in the course of project delivery.

Funding and Revenue Discussion

Other Agency Involvement

Depending on the project, other jurisdictions may be involved in aspects of the projects such as permitting, SEPA, or community involvement.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	WTC CAPITAL PROJECT FORMULATE	1129536
Art Eligibility		
No. Project is for planning.		
Equity and Social Justice Impact		
We are implementing an ESJ Assessment protocol for all projects and developed an associated Assessment table and survey that fully implements ESJ practices into capital projects. Additional information is outlined in the 2017-2018 Wastewater Treatment Division Business Plan and ESJ work plan.		
Strategic Climate Action Plan Alignment		
Includes SCAP related efforts relating to solar-ready facilities and compliance with most stringent energy code application.		
Operating Budget Impacts		
Depending on the project definition, Operating budgets may be affected.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WTC H2S CORR REHAB 2020-2021

1129537

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3611 WATER QUALITY CONST-UNRES
Class Code	STANDALONE
Substantial Completion	
Location	Locations to be determined through system analysis
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/01/18 - 12/31/21	\$0	\$111,498	\$0	\$0	\$111,498
2 Preliminary Design 01/01/18 - 12/31/21	\$0	\$634,494	\$0	\$0	\$634,494
3 Final Design 01/01/18 - 12/31/21	\$0	\$0	\$1,193,094	\$0	\$1,193,094
4 Implementation 01/01/20 - 12/31/20	\$0	\$0	\$3,770,012	\$1,174,848	\$4,944,860
5 Closeout 01/01/21 - 12/31/21	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$745,992	\$4,963,106	\$1,174,848	\$6,883,946

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39199 - DEBT PROCEEDS TRANSFER	\$745,992	\$0	\$0	\$745,992
Total Revenue	\$745,992	\$0	\$0	\$745,992

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		WTC H2S CORR REHAB 2020-2021					1129537
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense	
1 Planning	\$0	\$0	\$111,498	\$0	\$0	\$111,498	
2 Prelim Design	\$0	\$0	\$334,494	\$0	\$0	\$334,494	
3 Final Design	\$0	\$0	\$0	\$893,094	\$0	\$893,094	
4 Implementation	\$0	\$0	\$0	\$3,770,012	\$1,774,848	\$5,544,860	
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0	
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0	
Total Expense	\$0	\$0	\$445,992	\$4,663,106	\$1,774,848	\$6,883,946	

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$111,498	\$111,498	\$0
2 Preliminary Design	\$0	\$634,494	\$334,494	\$300,000
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$745,992	\$445,992	\$300,000

NARRATIVES WTC H2S CORR REHAB 2020-2021 1129537

Current Scope

Hydrogen Sulfide Corrosion Rehabilitation 2020-2021 - The scope of the program is to rehabilitate conveyance pipeline damaged due to Hydrogen Sulfide corrosion. This project number is for program planning and a budget placeholder for future pipeline rehabilitation projects. No construction will be performed under this project number.

Project Justification

The primary objective of this project is to maintain reliable sewage conveyance and extend the useful life of existing sewers by the structural rehabilitation or replacement of conveyance system pipelines and/or structures suffering from severe Hydrogen Sulfide (H2S) corrosion. If this project is not implemented, it may result in failure of the pipeline.

Budget Request Basis

The appropriation request is based on analysis of project schedule, spending, contingency and the timing of property acquisition and implementation contracting.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	WTC H2S CORR REHAB 2020-2021	1129537
Project Status		
Project starting in 2018		
Alternatives Analysis		
Not conducted yet. To be completed in the course of project delivery.		
Funding and Revenue Discussion		
Other Agency Involvement		
To be determined.		
Art Eligibility		
No. This project takes place within an existing sewer and is not visible or accessible to the public.		
Equity and Social Justice Impact		
We are implementing an ESJ Assessment protocol for all projects and developed an associated Assessment table and survey that fully implements ESJ practices into capital projects. Additional information is outlined in the 2017-2018 Wastewater Treatment Division Business Plan and ESJ work plan.		
Strategic Climate Action Plan Alignment		
Subprojects will strive for the Platinum level on their Sustainability Scorecards by considering energy efficiency, water conservation, use of sustainable materials, environmental health, community quality of life, equity and social justice. Subprojects will also maximize construction and demolition waste diversion from landfills by striving for an 80% - 85% diversion rate. These actions contribute to SCAP Green Building Goal Area targets and strategies. Applicable subprojects prepare Green Building Ordinance Scorecards and Annual Reports.		
Operating Budget Impacts		
None.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WTC TECH ASSESS & INNOVATION

1129538

Department	NATURAL RESOURCES AND PARKS
Council District(s)	4
Fund	3611 WATER QUALITY CONST-UNRES
Class Code	STANDALONE
Substantial Completion	
Location	West Point Treatment Plant
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/02/17 - 12/31/22	\$0	\$485,016	\$0	\$0	\$485,016
2 Preliminary Design	\$0	\$1,303,252	\$0	\$0	\$1,303,252
3 Final Design	\$0	\$14,587	\$1,912,650	\$519,354	\$2,446,591
4 Implementation 01/02/17 - 12/31/22	\$0	\$213,430	\$226,428	\$1,669,669	\$2,109,527
5 Closeout	\$0	\$0	\$0	\$80,324	\$80,324
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$2,016,285	\$2,139,078	\$2,269,347	\$6,424,710

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39199 - DEBT PROCEEDS TRANSFER	\$2,016,285	\$0	\$0	\$2,016,285
Total Revenue	\$2,016,285	\$0	\$0	\$2,016,285

EXPENSE

WTC TECH ASSESS & INNOVATION

1129538

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$485,016	\$0	\$0	\$485,016
2 Prelim Design	\$0	\$0	\$1,303,252	\$0	\$0	\$1,303,252
3 Final Design	\$0	\$0	\$14,587	\$1,912,650	\$519,354	\$2,446,591
4 Implementation	\$0	\$0	\$213,430	\$226,428	\$1,669,669	\$2,109,527
5 Closeout	\$0	\$0	\$0	\$0	\$80,324	\$80,324
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$0	\$0	\$2,016,285	\$2,139,078	\$2,269,347	\$6,424,710

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$485,016	\$485,016	\$0
2 Preliminary Design	\$0	\$1,303,252	\$1,303,252	\$0
3 Final Design	\$0	\$14,587	\$14,587	\$0
4 Implementation	\$0	\$213,430	\$213,430	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$2,016,285	\$2,016,285	\$0

NARRATIVES

WTC TECH ASSESS & INNOVATION

1129538

Current Scope

Technology Assessment and Innovation - The Technology Assessment and Innovation Program is involved in numerous concurrent testing and assessment activities. In 2017-18, this work will include evaluation of the cost and effectiveness of technologies and process changes that can improve the performance or reduce the costs of wastewater treatment. The recent interest in new ideas/proposals in the energy production/recovery, biosolids management, and nutrient recovery fields is anticipated to continue through 2017 and 2018. This project is a continuation of Project No. 1037769 which will close at the end of 2016.

Project Justification

Make informed decisions regarding new technologies with the potential to improve performance and reduce costs and/or impacts of WTD facilities.

Budget Request Basis

The appropriation request is based on analysis of project spending.

Project Status

This project is a continuation of Project No. 1037769. It is scheduled to start in 2017. It is anticipated that the project scope will include evaluation of the cost and effectiveness of technologies and process changes that can improve the performance or reduce the costs of wastewater treatment. The recent interest in new ideas/proposals in the energy production/recovery, biosolids management, and nutrient recovery fields is anticipated to continue through 2017 and 2018.

Alternatives Analysis

N/A

Funding and Revenue Discussion

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	WTC TECH ASSESS & INNOVATION	1129538
Other Agency Involvement		
None.		
Art Eligibility		
No. Capital Planning Project.		
Equity and Social Justice Impact		
N/A. Project is a technology study.		
Strategic Climate Action Plan Alignment		
Plays a significant role in evaluating new technologies including those pertaining to renewable energy production; biosolids and associated carbon sequestration. Preparing for climate change - helps advance technological and operational resilience in a changing world (climate, regulatory, infrastructure demands etc.).		
Operating Budget Impacts		
N/A.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WTC MEDINA FM ODOR CONTROL

1129756

Art Eligible

Department	NATURAL RESOURCES AND PARKS
Council District(s)	6
Fund	3611 WATER QUALITY CONST-UNRES
Class Code	STANDALONE
Substantial Completion	09/19/2021
Location	Medina Forcemain and Siphon, Bellevue
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$94,961	\$3,554	\$0	\$98,515
2 Preliminary Design 03/06/17 - 10/10/17	\$0	\$1,235,711	\$0	\$0	\$1,235,711
3 Final Design 10/10/17 - 02/25/19	\$0	\$1,096,269	\$956,839	\$26,101	\$2,079,209
4 Implementation 02/25/19 - 09/28/20	\$0	\$21,411	\$8,446,121	\$249,810	\$8,717,342
5 Closeout 09/28/20 - 03/07/21	\$0	\$0	\$3,412	\$18,813	\$22,225
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$2,448,352	\$9,409,926	\$294,724	\$12,153,002

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39199 - DEBT PROCEEDS TRANSFER	\$2,448,352	\$0	\$0	\$2,448,352
Total Revenue	\$2,448,352	\$0	\$0	\$2,448,352

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		WTC MEDINA FM ODOR CONTROL					1129756
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense	
1 Planning	\$0	\$0	\$94,961	\$3,554	\$0	\$98,515	
2 Prelim Design	\$0	\$0	\$685,422	\$88,289	\$0	\$773,711	
3 Final Design	\$0	\$0	\$634,269	\$956,839	\$26,101	\$1,617,209	
4 Implementation	\$0	\$0	\$27,985	\$3,437,995	\$6,175,361	\$9,641,341	
5 Closeout	\$0	\$0	\$0	\$3,412	\$18,813	\$22,225	
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0	
Total Expense	\$0	\$0	\$1,442,637	\$4,490,089	\$6,220,275	\$12,153,001	

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$94,961	\$94,961	\$0
2 Preliminary Design	\$0	\$1,235,711	\$685,422	\$550,289
3 Final Design	\$0	\$1,096,269	\$634,269	\$462,000
4 Implementation	\$0	\$21,411	\$27,985	(\$6,574)
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$2,448,352	\$1,442,637	\$1,005,715

NARRATIVES WTC MEDINA FM ODOR CONTROL 1129756

Current Scope

Medina Force Main Odor Control - This project is to design and construct the selected alternative from project # 1127392 -Medina Force main and Siphon Odor Control project (alternative analysis only) for the Medina Pump Station force main and siphon. Design and construct the selected alternative.

Project Justification

Currently there is a mobile odor control unit at this location. The mobile odor control unit has reached the end of its useful life. This location is not planned to receive a new mobile odor control unit. An increase in odor complaints can be anticipated as performance of the existing mobile odor control unit declines. This project location is in a commercial development area in Bellevue that is sensitive to odors as well as being directly adjacent to a planned regional trail that will bring the public in direct proximity to the Medina Force Main Discharge structure and its odor control facilities. There is a current project being conducted under the Minor Asset Management program, #1127392, that is conducting a study and alternative analysis for Medina Forcemain and Siphon odor control needs. This new project will continue with the design and construction after the Gate 2 Alternative Selection of the previous project is completed in 2016.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	WTC MEDINA FM ODOR CONTROL	1129756
Budget Request Basis		
The appropriation request is based on analysis of project schedule, spending, contingency and the timing of property acquisition and implementation contracting.		
Project Status		
N/A		
Alternatives Analysis		
Not conducted yet. To be completed in the course of project delivery.		
Funding and Revenue Discussion		
Other Agency Involvement		
To be determined.		
Art Eligibility		
Yes. Art to be tranferred at Alternative Analysis per agreement with 4Culture.		
Equity and Social Justice Impact		
We are implementing an ESJ Assessment protocol for all projects and developed an associated Assessment table and survey that fully implements ESJ practices into capital projects. Additional information is outlined in the 2017-2018 Wastewater Treatment Division Business Plan and ESJ work plan.		
Strategic Climate Action Plan Alignment		
Project will strive for the Platinum level on the Sustainability Scorecard by considering energy efficiency, water conservation, use of sustainable materials, environmental health, community quality of life, equity and social justice. Project will also maximize construction and demolition waste diversion from landfills by striving for an 80% - 85% diversion rate. These actions contribute to SCAP Green Building Goal Area targets and strategies.		
Operating Budget Impacts		
To be determined.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TD REGIONAL SIGNAL PRIORITY

1028617

TA

Department	TRANSPORTATION
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3641 PUBLIC TRANS CONST-UNREST
Class Code	STANDALONE
Substantial Completion	
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$500,884	\$0	\$0	\$0	\$500,884
2 Preliminary Design	\$314,266	\$0	\$0	\$0	\$314,266
3 Final Design	\$1,273,401	\$0	\$0	\$0	\$1,273,401
4 Implementation	\$4,404,335	(\$2,467)	\$0	\$0	\$4,401,868
5 Closeout	\$16,957	(\$1)	\$0	\$0	\$16,956
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$6,509,843	(\$2,468)	\$0	\$0	\$6,507,375

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	(\$2,468)	\$0	\$0	(\$2,468)
Total Revenue	(\$2,468)	\$0	\$0	(\$2,468)

EXPENSE

TD REGIONAL SIGNAL PRIORITY

1028617

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$500,884		\$0	\$0	\$0	\$500,884
2 Prelim Design	\$314,266		\$0	\$0	\$0	\$314,266
3 Final Design	\$1,273,401		\$0	\$0	\$0	\$1,273,401
4 Implementation	\$4,401,868		\$0	\$0	\$0	\$4,401,868
5 Closeout	\$16,957		\$0	\$0	\$0	\$16,957
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$6,507,376		\$0	\$0	\$0	\$6,507,376

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$500,884	\$500,884	\$500,884
2 Preliminary Design	\$0	\$0	\$314,266	\$314,266	\$314,266
3 Final Design	\$0	\$0	\$1,273,401	\$1,273,401	\$1,273,401
4 Implementation	\$0	\$0	\$4,401,868	\$4,404,335	\$4,401,868
5 Closeout	\$0	\$0	\$16,957	\$16,957	\$16,957
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$6,507,376	\$6,509,843	\$6,507,376

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$2,467	(\$2,467)	\$0	\$0
5 Closeout	\$1	(\$1)	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$2,468	(\$2,468)	\$0	\$0

NARRATIVES

TD REGIONAL SIGNAL PRIORITY

1028617

Current Scope

Regional Signal Priority - The project is completed. Disappropriating remaining funds.

Project Justification

Budget Request Basis

Project Status

Alternatives Analysis

Funding and Revenue Discussion

Other Agency Involvement

Art Eligibility

Equity and Social Justice Impact

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	TD REGIONAL SIGNAL PRIORITY	1028617
Strategic Climate Action Plan Alignment		
Operating Budget Impacts		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TD TRANSIT ORIENTED DEVELOP 1028620

Department	TRANSPORTATION
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3641 PUBLIC TRANS CONST-UNREST
Class Code	STANDALONE
Substantial Completion	
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/01/17 - 12/31/18	\$1,882,787	\$478,451	\$0	\$0	\$2,361,238
2 Preliminary Design	\$3,405,342	\$0	\$0	\$0	\$3,405,342
3 Final Design	\$4,635,290	\$0	\$0	\$0	\$4,635,290
4 Implementation 01/01/17 - 12/31/18	\$21,270,562	\$510,000	\$510,000	\$510,000	\$22,800,562
5 Closeout	\$16,815	\$0	\$0	\$0	\$16,815
6 Acquisition	\$674,421	\$0	\$0	\$0	\$674,421
Total Budget	\$31,885,218	\$988,451	\$510,000	\$510,000	\$33,893,669

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$896,315	(\$7,687,726)	\$510,000	(\$6,281,411)
36999 - OTHER MISC REVENUE	\$92,117	\$97,726	\$0	\$189,843
39512 - SALE OF LAND	\$0	\$8,100,000	\$0	\$8,100,000
Total Revenue	\$988,432	\$510,000	\$510,000	\$2,008,432

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		TD TRANSIT ORIENTED DEVELOP					1028620
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense	
1 Planning	\$1,882,903		\$481,010	\$0	\$0	\$2,363,913	
2 Prelim Design	\$3,402,667		\$0	\$0	\$0	\$3,402,667	
3 Final Design	\$4,635,290		\$0	\$0	\$0	\$4,635,290	
4 Implementation	\$21,015,562	\$255,000	\$510,000	\$510,000	\$510,000	\$22,800,562	
5 Closeout	\$16,815		\$0	\$0	\$0	\$16,815	
6 Acquisition	\$674,421		\$0	\$0	\$0	\$674,421	
Total Expense	\$31,627,659	\$255,000	\$991,010	\$510,000	\$510,000	\$33,893,669	

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$1,882,903	\$1,882,787	\$1,882,903
2 Preliminary Design	\$0	\$0	\$3,402,667	\$3,405,342	\$3,402,667
3 Final Design	\$0	\$0	\$4,635,290	\$4,635,290	\$4,635,290
4 Implementation	\$0	\$0	\$21,015,562	\$21,270,562	\$21,270,562
5 Closeout	\$0	\$0	\$16,815	\$16,815	\$16,815
6 Acquisition	\$0	\$0	\$674,421	\$674,421	\$674,421
Total	\$0	\$0	\$31,627,658	\$31,885,217	\$31,882,658

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$116)	\$478,451	\$481,010	(\$2,675)
2 Preliminary Design	\$2,675	\$0	\$0	\$2,675
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$510,000	\$510,000	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$2,559	\$988,451	\$991,010	\$0

NARRATIVES TD TRANSIT ORIENTED DEVELOP 1028620

Current Scope

Transit Oriented Development (TOD) Project - This project currently covers capital lease payments for a former TOD effort, a parking garage in Renton. The new project scope expands this to include a planning effort to identify and evaluate other TOD opportunities within King County. The Long Range Plan identifies many new high capacity transit hubs which would need to be constructed around King County to meet the 2025 vision of the plan. These hubs offer excellent opportunities for TOD. The program will develop a methodology for assessing development potential, which will then be applied to both existing park and rides and high capacity transit centers identified in the long-range plan. Near-term efforts are likely to focus on redevelopment of Redondo and Shoreline Park and Rides.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

TD TRANSIT ORIENTED DEVELOP

1028620

Project Justification

The Transit Oriented Development (TOD) program is a countywide effort initiated in 1998 to increase housing and other development near transit facilities. The goals of the development are to increase transit ridership, and meet broader growth management goals such as mixed use, urban center development, increased jobs/housing balance, greater affordability of housing, and greenhouse gas reduction. The program has concentrated on development above or near transit centers and park and ride lots. Side benefits of the program are improved park and ride location, increased capacity, increased passenger loading and layover facilities, and increased sales of bus passes. The program has completed projects around the County, including major projects in Seattle, Redmond, Kirkland, and Renton. Over 100 million in private capital has been invested in over 1000 housing units. Most recent projects include the completion of the South Kirkland Transit Oriented Development project which created 58 affordable and 185 market rate units and a new transit facility and expanded park and ride capacity by 250 stalls. The County is currently working on the development of the Northgate Park and Ride.

Budget Request Basis

The current request is to fund both future existing capital lease payments, as well an additional \$500,000 for the biennium (see project scope).

Project Status

The ongoing expense is for a 30 year lease in the Metropolitan Place garage in Renton, a former TOD effort. The new funding will be to expand the program to consider additional sites consistent with the long range plan.

Alternatives Analysis

In lieu of expanding the program, currently under utilized park and rides would continue as financial costs to Transit. Development opportunities at the new transit hubs envisioned by the long range plan would not be realized.

Funding and Revenue Discussion

The project receives about \$40,000/ year in Overlake lease payments, thru 2020. Other funding would be provided by the Public Transportation Fund.

Other Agency Involvement

Metro Transit will work closely with Sound Transit and local jurisdictions to implement additional TOD projects around the County. Ongoing work with Department of Community and Human Services around issues like affordable housing will continue.

Art Eligibility

As the projects are identified and funded, they would become eligible for art.

Equity and Social Justice Impact

Affordable housing will be a key component of new TOD projects. Discussions are already underway with the Department of Community and Human Services about providing funding for affordable housing at some of the locations noted above. For other TOD projects, Metro Transit has worked with local providers to provide significant affordable housing.

Strategic Climate Action Plan Alignment

Locating residents adjacent to high capacity has numerous climate benefits. Residents of TOD projects drive far less than residents of other projects. For example, a recent study of the Redmond TOD indicated that Redmond TOD has 1.7 times more trips made by walking and 3 times more trips made by transit than the regional average. Also the Redmond TOD only generates about 37 percent of the vehicle trips estimated by ITE Trip Generation manual. The actual residential parking demand at the Redmond TOD is only 65 percent of ITE's average. The actual commercial parking demand at the Redmond TOD is only 27 percent of the ITE average. This is due to mode shifts away from the automobile, and maybe to some degree to internal capture of trips within the mixed use site. In addition to reduced vehicular trips, King County TOD's also incorporate high quality buildings which reduce energy consumption.

Operating Budget Impacts

N/A.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TDC TOD CONVENTION PLACE

1028624

Master Project

Department	TRANSPORTATION
Council District(s)	8
Fund	3641 PUBLIC TRANS CONST-UNREST
Class Code	TDC TOD CONVENTION PLACE
Substantial Completion	
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$294,917	\$120,067	\$0	\$0	\$414,984
2 Preliminary Design	\$1,496,188	\$1,916,051	\$0	\$0	\$3,412,239
3 Final Design	\$1,059,820	\$680,839	\$0	\$0	\$1,740,659
4 Implementation	\$1,588,332	\$3,398,123	\$0	\$0	\$4,986,455
5 Closeout	\$0	\$529,098	\$0	\$0	\$529,098
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$4,439,257	\$6,644,178	\$0	\$0	\$11,083,435

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$6,644,178	\$0	\$0	\$6,644,178
Total Revenue	\$6,644,178	\$0	\$0	\$6,644,178

EXPENSE TDC TOD CONVENTION PLACE 1028624

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$408,736	\$0	\$6,248	\$0	\$0	\$414,984
2 Prelim Design	\$3,226,310	\$0	\$185,929	\$0	\$0	\$3,412,239
3 Final Design	\$150,104	\$1,195,527	\$395,028	\$0	\$0	\$1,740,659
4 Implementation	\$51,321	\$0	\$5,066,744	\$0	\$0	\$5,118,065
5 Closeout	\$0	\$0	\$529,098	\$0	\$0	\$529,098
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$3,836,471	\$1,195,527	\$6,183,047	\$0	\$0	\$11,215,045

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$408,736	\$294,917	\$408,736
2 Preliminary Design	\$0	\$0	\$3,226,310	\$1,496,188	\$3,226,310
3 Final Design	\$0	\$0	\$150,104	\$1,059,820	\$1,345,631
4 Implementation	\$0	\$0	\$51,321	\$1,588,332	\$51,321
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$3,836,471	\$4,439,257	\$5,031,998

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$113,819)	\$120,067	\$6,248	\$0
2 Preliminary Design	(\$1,730,122)	\$1,916,051	\$185,929	\$0
3 Final Design	(\$285,811)	\$680,839	\$395,028	\$0
4 Implementation	\$1,537,011	\$3,398,123	\$5,066,744	(\$131,610)
5 Closeout	\$0	\$529,098	\$529,098	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	(\$592,741)	\$6,644,178	\$6,183,047	(\$131,610)

NARRATIVES

TDC TOD CONVENTION PLACE

1028624

Current Scope

Convention Place Transit Oriented Development (TOD) Project - This project involves planning and other activities in support of redevelopment of the existing Convention Place Station (CPS) to include: (1) an expansion of the existing Washington State Convention Center (WSCC); (2) retention of Transit assets of bus layover, passenger load/unload, and tunnel access as long as possible; (3) addition of a hotel and/or residential and/or commercial buildings; and (4) public space. To date, project planning and administration costs have been funded to support development of the Purchase and Sale Agreement. This budget request funds continuation of that work as well as the relocation of low voltage and communication systems.

Project Justification

In June, 2011 the state legislature voted not to fund this project. In 2013, the Washington State Convention Center (WSCC) re-established discussion with Metro Transit to start planning for the project based upon an alternative funding strategy. A Memorandum of Understanding was updated in May 2013, which outlined near term work and funding for both parties. The King County (KC) team has collaborated with WSCC and their consultants on alternative analyses, preliminary planning level design and phasing. Metro procured a consultant team with a RFP process to work on the negotiation, analyses, reports and review of the design.

The schedule for the project is to continue project negotiations in 2016 and to bring to the King County Council a proposed transaction during that time.

Budget Request Basis

The current plan for this project is to continue operation of the Transit at CPS as long as possible after the sale of the property and during the construction of the WSCC's project and then remove the buses from the Downtown Seattle Transit Tunnel which will not be any earlier than September 2018 and the project will be closing in 2019.

The budget was developed from the estimation of staff hours and the consultants cost for the final negotiations, operation modification and technical investigation that is needed for design and environmental studies and reviews.

Budget includes funds to relocate low voltage and communication systems from CPS property to downtown Seattle Transit Tunnel.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

TDC TOD CONVENTION PLACE

1028624

Project Status

In June, 2011 the state legislature voted not to fund this project. In 2013, the Washington State Convention Center (WSCC) re-established discussion with Metro Transit to start planning for the project based upon an alternative funding strategy. A Memorandum of Understanding was updated in May 2013, which outlined near term work and funding for both parties. The King County (KC) team has collaborated with WSCC and their consultants on alternative analyses, preliminary planning level design and phasing. Metro procured a consultant team with a RFP process to work on the negotiation, analyses and reports. The schedule for the project is to continue project negotiations in 2015-2016 and to bring to the King County Council a proposed transaction during that time.

Alternatives Analysis

Preliminary financial analysis has been conducted for several development scenarios for this property. The proposed WSCC project, coupled with other private sector uses, offers the best potential long-term source of income to Metro Transit, while preserving necessary Transit functions on site.

Funding and Revenue Discussion

During 2013, a Memorandum of Understanding (MOU) was developed between WSCC and KC. WSCC will reimburse \$.6 million for King County's expenses during 2013 and 2014. The current funding assumption is that a development agreement will also fund \$.8 million of 2015/16 expense.

Other Agency Involvement

No other agencies are involved in this project.

Art Eligibility

This effort is only for planning and real-estate transaction so is not eligible for the art contribution. Another component of the project (relocation of low voltage and communication systems from CPS property to downtown Seattle Transit Tunnel) is not visible to the public.

Equity and Social Justice Impact

Strategic Climate Action Plan Alignment

Operating Budget Impacts

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TD BUS VAPOR CLASS ADJ PEDALS

1028636

TA

Department	TRANSPORTATION
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3641 PUBLIC TRANS CONST-UNREST
Class Code	STANDALONE
Substantial Completion	
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$2,770	\$0	\$0	\$0	\$2,770
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$1,637,083	(\$2,998)	\$0	\$0	\$1,634,085
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$80,089	\$0	\$0	\$0	\$80,089
Total Budget	\$1,719,943	(\$2,998)	\$0	\$0	\$1,716,945

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	(\$2,998)	\$0	\$0	(\$2,998)
Total Revenue	(\$2,998)	\$0	\$0	(\$2,998)

EXPENSE TD BUS VAPOR CLASS ADJ PEDALS 1028636

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$2,770		\$0	\$0	\$0	\$2,770
2 Prelim Design	\$0		\$0	\$0	\$0	\$0
3 Final Design	\$0		\$0	\$0	\$0	\$0
4 Implementation	\$1,634,086		\$0	\$0	\$0	\$1,634,086
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$80,089		\$0	\$0	\$0	\$80,089
Total Expense	\$1,716,945		\$0	\$0	\$0	\$1,716,945

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$2,770	\$2,770	\$2,770
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$1,634,086	\$1,637,083	\$1,634,086
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$80,089	\$80,089	\$80,089
Total	\$0	\$0	\$1,716,945	\$1,719,942	\$1,716,945

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$2,998	(\$2,998)	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$2,998	(\$2,998)	\$0	\$0

NARRATIVES

TD BUS VAPOR CLASS ADJ PEDALS

1028636

Current Scope

Bus Vapor Contact-Less Acoustic Sensing System (CLASS) and Adjustable Pedals Project - The project is completed. Disappropriating remaining funds.

Project Justification

Budget Request Basis

Project Status

Alternatives Analysis

Funding and Revenue Discussion

Other Agency Involvement

Art Eligibility

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	TD BUS VAPOR CLASS ADJ PEDALS	1028636
Equity and Social Justice Impact		
Strategic Climate Action Plan Alignment		
Operating Budget Impacts		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TD SO KIRKLAND TOD

1028637

TA, Art Eligible

Department	TRANSPORTATION
Council District(s)	6
Fund	3641 PUBLIC TRANS CONST-UNREST
Class Code	STANDALONE
Substantial Completion	
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$7,398	\$266,102	\$0	\$0	\$273,500
2 Preliminary Design	\$521,538	(\$128,066)	\$0	\$0	\$393,472
3 Final Design	\$2,086	\$18,140	\$0	\$0	\$20,226
4 Implementation	\$8,263,238	(\$7,732,350)	\$0	\$0	\$530,888
5 Closeout	\$30,000	\$251,441	\$0	\$0	\$281,441
6 Acquisition	\$0	\$7,299,897	\$0	\$0	\$7,299,897
Total Budget	\$8,824,260	(\$24,836)	\$0	\$0	\$8,799,424

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	(\$24,836)	\$0	\$0	(\$24,836)
Total Revenue	(\$24,836)	\$0	\$0	(\$24,836)

EXPENSE

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$273,500		\$0	\$0	\$0	\$273,500
2 Prelim Design	\$393,472		\$0	\$0	\$0	\$393,472
3 Final Design	\$20,226		\$0	\$0	\$0	\$20,226
4 Implementation	\$530,888		\$0	\$0	\$0	\$530,888
5 Closeout	\$281,441		\$0	\$0	\$0	\$281,441
6 Acquisition	\$7,299,897		\$0	\$0	\$0	\$7,299,897
Total Expense	\$8,799,424		\$0	\$0	\$0	\$8,799,424

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$273,500	\$7,398	\$273,500
2 Preliminary Design	\$0	\$0	\$393,472	\$521,538	\$393,472
3 Final Design	\$0	\$0	\$20,226	\$2,086	\$20,226
4 Implementation	\$0	\$0	\$530,888	\$8,263,238	\$530,888
5 Closeout	\$0	\$0	\$281,441	\$30,000	\$281,441
6 Acquisition	\$0	\$0	\$7,299,897	\$0	\$7,299,897
Total	\$0	\$0	\$8,799,424	\$8,824,260	\$8,799,424

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$266,102)	\$266,102	\$0	\$0
2 Preliminary Design	\$128,066	(\$128,066)	\$0	\$0
3 Final Design	(\$18,140)	\$18,140	\$0	\$0
4 Implementation	\$7,732,350	(\$7,732,350)	\$0	\$0
5 Closeout	(\$251,441)	\$251,441	\$0	\$0
6 Acquisition	(\$7,299,897)	\$7,299,897	\$0	\$0
Total	\$24,836	(\$24,836)	\$0	\$0

NARRATIVES

TD SO KIRKLAND TOD

1028637

Current Scope

South Kirkland Transit Oriented Development (TOD) - This project is completed. Disappropriating remaining funds.

Project Justification

Budget Request Basis

Project Status

Alternatives Analysis

Funding and Revenue Discussion

Other Agency Involvement

Art Eligibility

Equity and Social Justice Impact

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	TD SO KIRKLAND TOD	1028637
Strategic Climate Action Plan Alignment		
Operating Budget Impacts		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TDC MDT REPLACEMENT

1028644

Department	TRANSPORTATION
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3641 PUBLIC TRANS CONST-UNREST
Class Code	STANDALONE
Substantial Completion	
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$300,000	\$0	\$300,000
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$1,442,550	\$0	\$5,170,000	\$0	\$6,612,550
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$1,442,550	\$0	\$5,470,000	\$0	\$6,912,550

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$5,470,000	\$0	\$5,470,000

EXPENSE TDC MDT REPLACEMENT 1028644

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$0	\$300,000	\$0	\$300,000
2 Prelim Design	\$0		\$0	\$0	\$0	\$0
3 Final Design	\$0		\$0	\$0	\$0	\$0
4 Implementation	\$1,404,041		\$0	\$5,170,000	\$0	\$6,574,041
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$339		\$0	\$0	\$0	\$339
Total Expense	\$1,404,380		\$0	\$5,470,000	\$0	\$6,874,380

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$1,404,041	\$1,442,550	\$1,404,041
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$339	\$0	\$339
Total	\$0	\$0	\$1,404,380	\$1,442,550	\$1,404,380

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$38,509	\$0	\$0	\$38,509
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	(\$339)	\$0	\$0	(\$339)
Total	\$38,170	\$0	\$0	\$38,170

NARRATIVES

TDC MDT REPLACEMENT

1028644

Current Scope

Mobile Data Terminals (MDTs) Replacement Project - This projects funds the purchase of replacement mobile data terminals (MDTs), aka mobile data computers (MDCs), and dispatching system for the Access Transportation paratransit fleet and paratransit control center. King County Metro provides paratransit service in accordance with the Federal Americans with Disabilities Act (ADA) requirements and King County Ordinances. The Access Transportation revenue fleet currently consists of 317 vehicles equipped with MDCs. The Access Transportation control center currently utilizes 8 dispatch consoles to oversee the delivery of revenue service. The Project also encompasses the purchase of project consulting services to assist King County staff during the duration of the project. Consulting services will assist staff with market research, development of system requirements, preliminary system design, and implementation support.

Project Justification

Budget Request Basis

Project Status

Alternatives Analysis

Funding and Revenue Discussion

Other Agency Involvement

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	TDC MDT REPLACEMENT	1028644
Art Eligibility		
Equity and Social Justice Impact		
Strategic Climate Action Plan Alignment		
Operating Budget Impacts		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TD NON REV VEHICLE REPLACEMENT

1028718

Department	TRANSPORTATION
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3641 PUBLIC TRANS CONST-UNREST
Class Code	STANDALONE
Substantial Completion	
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$138	\$0	\$0	\$0	\$138
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$24,907,020	\$1,861,832	\$4,371,031	\$4,679,373	\$35,819,256
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$24,907,158	\$1,861,832	\$4,371,031	\$4,679,373	\$35,819,394

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$1,661,832	\$4,171,031	\$4,479,373	\$10,312,236
39513 - SALE OF EQUIPMENT	\$200,000	\$200,000	\$200,000	\$600,000
Total Revenue	\$1,861,832	\$4,371,031	\$4,679,373	\$10,912,236

EXPENSE

TD NON REV VEHICLE REPLACEMENT

1028718

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$138		\$0	\$0	\$0	\$138
2 Prelim Design	\$0		\$0	\$0	\$0	\$0
3 Final Design	\$0		\$0	\$0	\$0	\$0
4 Implementation	\$20,849,220	\$2,675,640	\$3,243,991	\$4,371,031	\$4,679,373	\$35,819,255
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$20,849,358	\$2,675,640	\$3,243,991	\$4,371,031	\$4,679,373	\$35,819,393

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$138	\$138	\$138
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$20,849,220	\$24,907,020	\$23,524,860
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$20,849,358	\$24,907,158	\$23,524,998

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$1,382,160	\$1,861,832	\$3,243,991	\$1
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$1,382,160	\$1,861,832	\$3,243,991	\$1

NARRATIVES

TD NON REV VEHICLE REPLACEMENT

1028718

Current Scope

Non-Revenue Vehicle (NRV) Program - The NRV program provides for both on and off road vehicles to support the King County Metro Transit revenue fleet and transit service. This project provides for the replacement of existing transit non-revenue equipment that have either met or exceeded the expected life or are no longer economical/effective to maintain. Using an established life as the base for the replacement schedule, the criteria for equipment replacement is adjusted based on the type of vehicle, utilization, and application. Transit currently has 589 non-revenue vehicles in operation.

Project Justification

This is an ongoing, master project that replaces non-revenue vehicles. In 2016, 60 vehicles will be replaced. 48 vehicles are planned for replacement in 2017 and 40 are planned for replacement in 2018.

Budget Request Basis

The mix of vehicles planned for replacement does change year to year, because actual vehicle mileage varies from the projected miles used for the plan.

Project Status

This project is in the implementation phase. This is an ongoing, master project for the purchase of replacement non-revenue vehicles. In 2016, 60 vehicles will be replaced. 48 vehicles are planned for replacement in 2017 and 40 are planned for replacement in 2018.

Alternatives Analysis

Alternatives to new vehicle purchases are constantly being evaluated. For example, scheduling efficiencies increased the number of road reliefs and not enough base cars are available to perform all scheduled road reliefs. Vehicles are being rented rather than purchased to perform the road reliefs as this is anticipated to be a short term need.

Funding and Revenue Discussion

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	TD NON REV VEHICLE REPLACEMENT	1028718
Other Agency Involvement		
No other agencies are involved in this project.		
Art Eligibility		
Vehicle purchases are exempt from the 1% for art program.		
Equity and Social Justice Impact		
N/A		
Strategic Climate Action Plan Alignment		
Timely replacement of vehicles supports SCAP goals as it helps ensure that vehicles are operating efficiently. New replacements also enable the purchase of more energy-efficient vehicles.		
Operating Budget Impacts		
The project is replacing existing vehicles; therefore incremental operating budget impact is minimal.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TD BUS 40FT MB08 1 HYBRID

1028723

Master Project

Department	TRANSPORTATION
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3641 PUBLIC TRANS CONST-UNREST
Class Code	TD BUS 40FT MB08 1 HYBRID
Substantial Completion	
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$552,592	\$0	\$0	\$0	\$552,592
2 Preliminary Design	\$3,018	\$0	\$0	\$0	\$3,018
3 Final Design	\$9,759	\$0	\$0	\$0	\$9,759
4 Implementation	\$271,442,145	\$0	\$0	\$0	\$271,442,145
5 Closeout	\$63,901	\$0	\$0	\$0	\$63,901
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$272,071,415	\$0	\$0	\$0	\$272,071,415

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$0	\$0	\$0	\$0
33118 - FED TRANSIT CAP INVEST	\$0	\$0	\$0	\$0
Total Revenue	\$0	\$0	\$0	\$0

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		TD BUS 40FT MB08 1 HYBRID				1028723
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$445,404	\$0	\$0	\$0	\$0	\$445,404
2 Prelim Design	\$3,019	\$0	\$0	\$0	\$0	\$3,019
3 Final Design	\$9,759	\$0	\$0	\$0	\$0	\$9,759
4 Implementation	\$143,679,987	\$0	\$0	\$0	\$0	\$143,679,987
5 Closeout	\$63	\$0	\$0	\$0	\$0	\$63
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$144,138,232	\$0	\$0	\$0	\$0	\$144,138,232

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$445,404	\$552,592	\$445,404
2 Preliminary Design	\$0	\$0	\$3,019	\$3,018	\$3,019
3 Final Design	\$0	\$0	\$9,759	\$9,759	\$9,759
4 Implementation	\$0	\$0	\$143,679,987	\$271,442,145	\$143,679,987
5 Closeout	\$0	\$0	\$63	\$63,901	\$63
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$144,138,232	\$272,071,415	\$144,138,232

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$107,188	\$0	\$0	\$107,188
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$127,762,158	\$0	\$0	\$127,762,158
5 Closeout	\$63,838	\$0	\$0	\$63,838
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$127,933,184	\$0	\$0	\$127,933,184

NARRATIVES	TD BUS 40FT MB08 1 HYBRID	1028723
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Current Scope

40-Ft Hybrid Bus Purchase Program (Legacy Program) - For 2017-2018 and forward, revenue fleet purchases will be executed through newly created project in the fleet revenue fund. This project will be closed during the 2017-2018 biennium, and the remaining budget will be appropriated.

Project Justification

This project provides for the replacement and expansion of revenue service buses. This supports the Transit goal of Financial Stewardship, and maintaining assets in a state of good repair. Bus replacement is based on the Fleet Plan, which is based on the service plan and the expected useful life of the asset. A low floor bus will also meet the Human Potential goals, by being easier for passengers in mobility aid devices (low floor buses use a ramp compared to the lift in the forward door on the present buses) to enter and exit the buses. The replacement of diesel and hybrid buses with hybrid buses featuring all-electric accessories reduces fuel consumption and buses advances King County's commitment to low- and no-emission transit and contributes toward the Environmental Sustainability goal.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

TD BUS 40FT MB08 1 HYBRID

1028723

Budget Request Basis

No budget adjustments are requested at this time. Consistent with the Fund Management Policies for Public Transportation, revenue fleet appropriation will be migrated to new projects in a new Revenue Fleet Capital fund. Any appropriation remaining in this project at the end of 2016 will be disappropriated in the 2017/2018 biennium.

Project Status

Manufacturing and assembly of the new 40ft hybrid buses is expected to start in January of 2017. All 181 buses are expected to be delivered and placed into service before the end of 2018. Bus payments, factory inspection costs, post-delivery inspection costs, service preparation and commissioning costs will be incurred and paid during 2017 and 2018.

Alternatives Analysis

Operating costs should remain flat or decrease with the replacement of vehicles. The new hybrid vehicles with electrically-driven accessories will provide improved fuel economy compared to the existing fleet, and accordingly will improve energy efficiency. Not implementing the project would affect delay the expansion of the hybrid bus fleet and delay the advancement of low-emission, fuel efficient transit vehicles.

Funding and Revenue Discussion

Federal grant funds support this project. Remaining funds come from the Public Transportation Fund, capital sub fund.

Other Agency Involvement

The State of Washington through its Department of Enterprise Services acting on behalf of the Washington State Department of Transportation has put in place a contract for a consortium of Washington State transit agencies to purchase heavy duty transit buses. King County has been an active member of and participant in the Washington State Purchasing Cooperative for several years. King County Metro was a major contributor to the development of technical specifications for the WSDOT Consortium contract over the past few years. King County Metro will purchase the 40ft hybrid buses through the WSDOT Consortium contract.

Art Eligibility

Bus replacements are not eligible for art contribution.

Equity and Social Justice Impact

The new 40ft Hybrid buses will operate on various routes throughout the County and will serve communities of color and communities with limited English proficiency and low income communities. These routes serve a broad spectrum of demographics including a mix of socio-economic, race and low income groups.

Strategic Climate Action Plan Alignment

Fleet procurement projects involve the acquisition of rolling stock only, and do not involve the acquisition or capital investment in buildings and/or facilities.

Operating Budget Impacts

Annual operating costs are recovered through operating revenue.
Year operating costs will begin: 2017

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TD SIGNAGE REPLACEMENT

1028777

Art Eligible

Department	TRANSPORTATION
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3641 PUBLIC TRANS CONST-UNREST
Class Code	STANDALONE
Substantial Completion	12/31/2020
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$41,269	\$3,831	\$0	\$0	\$45,100
2 Preliminary Design	\$67,400	\$65,779	\$0	\$0	\$133,179
3 Final Design	\$1,926,822	(\$367,214)	\$61,600	\$0	\$1,621,208
4 Implementation	\$2,862,857	\$1,430,667	\$185,724	\$0	\$4,479,248
5 Closeout	\$13,659	\$68,585	\$0	\$0	\$82,244
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$4,912,007	\$1,201,648	\$247,324	\$0	\$6,360,979

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$11,882	\$2,464	\$0	\$14,346

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$1,201,648	\$247,324	\$0	\$1,448,972
Total Revenue	\$1,201,648	\$247,324	\$0	\$1,448,972

EXPENSE TD SIGNAGE REPLACEMENT 1028777

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$45,100		\$0	\$0	\$0	\$45,100
2 Prelim Design	\$133,179		\$0	\$0	\$0	\$133,179
3 Final Design	\$1,095,048	\$269,000	\$195,560	\$61,600	\$0	\$1,621,208
4 Implementation	\$1,694,957	\$676,119	\$1,922,448	\$185,724	\$0	\$4,479,249
5 Closeout	\$3,345		\$78,899	\$0	\$0	\$82,244
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$2,971,630	\$945,119	\$2,196,907	\$247,324	\$0	\$6,360,980

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$45,100	\$41,269	\$45,100
2 Preliminary Design	\$0	\$0	\$133,179	\$67,400	\$133,179
3 Final Design	\$0	\$0	\$1,095,048	\$1,926,822	\$1,364,048
4 Implementation	\$0	\$0	\$1,694,957	\$2,862,857	\$2,371,077
5 Closeout	\$0	\$0	\$3,345	\$13,659	\$3,345
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$2,971,629	\$4,912,007	\$3,916,749

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$3,831)	\$3,831	\$0	\$0
2 Preliminary Design	(\$65,779)	\$65,779	\$0	\$0
3 Final Design	\$562,774	(\$367,214)	\$195,560	\$0
4 Implementation	\$491,780	\$1,430,667	\$1,922,448	\$0
5 Closeout	\$10,314	\$68,585	\$78,899	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$995,258	\$1,201,648	\$2,196,907	\$0

NARRATIVES

TD SIGNAGE REPLACEMENT

1028777

Current Scope

Signage Replacement Project - Since 2012, this project has been replacing and updating bus route information signs at King County bus stops and transit facilities. The project includes new and additional database tools to provide destination information on each sign, a new design, new information holders, new frames and changeable hard-copy information. A new Signage Standards Manual has also been produced. The project will replace or retro-fit all large kiosk signs throughout the system by the end of 2018 and a portion of the remaining permanent small bus flag signs as funds permit.

As the Transit system continues to grow and change, there will be new stops added and changes to existing stops that will require new signs, information holders, and changeable hard-copy information. In addition, large signs currently placed at some bus stops may no longer be required due to changes in service and could be repurposed to other stops. Projections point to a net gain in the total number of bus stops and locations that will require large information signs. Additional funds are being requested to address these potential changes and to keep the entire system current.

Project Justification

The old system of signage was implemented in 1990 and included hard signs, information displays and changeable hard-copy information. It was expected to last 10 years. Since then, ridership has increased, the number of routes has increased and the system links with regional partners have increased. The new design includes more customer information right at the bus stop and includes route destination, customer assistance phone number and web address. New design elements make the information easier to read and understand.

The project supports Transit Strategic Plan Goal 5.1 Service Excellence – Customer Satisfaction and helps the system better meet the requirements of the Americans with Disabilities Act.

Budget Request Basis

Funds are required to complete purchase and installation of the new style signs and provide this functionality throughout the County.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

TD SIGNAGE REPLACEMENT

1028777

Project Status

Current phase: Implementation

Completed through May 2015. Some design functions are still being performed for individual sites where large signs will be installed. Design of the signs themselves is complete. Work on the database tools has been completed. 268 large or medium signs have been installed. Structural retrofit has been completed on 47 signs. There are approximately 100 remaining locations for new signs to be installed and 163 existing sign bases that need retrofitting.

To be completed next year: Continue schedule planning, permit processes and installations for the next 50 locations. Continue procurement and assembly processes as needed.

Funding was approved to replace system-wide large and medium-size signs in years 2013-2017 at about 50 signs per year. Transit Design and Construction has recommended structural retro-fit work on 163 signs that will require extra time and resources.

Alternatives Analysis

Funding and Revenue Discussion

\$1.4 million of Federal Transit Administration grant funding supported the first several years of the project. Current and future funding for the project comes from the Public Transportation Fund, capital sub-fund.

Other Agency Involvement

This proposal impacts only Metro signs, but the new signs identify each route operated by our partner agencies when they serve a particular bus stop. Old-style signs provided only the partner logo but new signs also identify the route number.

Art Eligibility

N/A

Equity and Social Justice Impact

This project provides more customer information in an easier-to-read format to individuals throughout the County so that they can better understand and use transit service.

Strategic Climate Action Plan Alignment

N/A

Operating Budget Impacts

Database tools developed by this project have streamlined the process of updating and maintaining signage information. Staff are better able to keep up with the increasing number and complexity of changes required by the system. It appears to be somewhat easier and faster to change out signage information and customers have noted and voiced appreciation for the improved information.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TD ADA VAN PURCHASES

1028793

Master Project

Department	TRANSPORTATION
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3641 PUBLIC TRANS CONST-UNREST
Class Code	TD ADA VAN PURCHASES
Substantial Completion	
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$350,546	\$0	\$0	\$0	\$350,546
2 Preliminary Design	\$1,259	\$0	\$0	\$0	\$1,259
3 Final Design	\$284	\$0	\$0	\$0	\$284
4 Implementation	\$55,676,898	\$0	\$0	\$0	\$55,676,898
5 Closeout	\$1	\$0	\$0	\$0	\$1
6 Acquisition	\$37,726	\$0	\$0	\$0	\$37,726
Total Budget	\$56,066,714	\$0	\$0	\$0	\$56,066,714

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$0	\$0	\$0	\$0
Total Revenue	\$0	\$0	\$0	\$0

EXPENSE

TD ADA VAN PURCHASES

1028793

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$350,546	\$0	\$0	\$0	\$0	\$350,546
2 Prelim Design	\$1,259	\$0	\$0	\$0	\$0	\$1,259
3 Final Design	\$284	\$0	\$0	\$0	\$0	\$284
4 Implementation	\$52,844,044	\$2,816,897	\$0	\$0	\$0	\$55,660,941
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$37,726	\$0	\$0	\$0	\$0	\$37,726
Total Expense	\$53,233,860	\$2,816,897	\$0	\$0	\$0	\$56,050,757

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$350,546	\$350,546	\$350,546
2 Preliminary Design	\$0	\$0	\$1,259	\$1,259	\$1,259
3 Final Design	\$0	\$0	\$284	\$284	\$284
4 Implementation	\$0	\$0	\$52,844,044	\$55,676,898	\$55,660,941
5 Closeout	\$0	\$0	\$0	\$1	\$0
6 Acquisition	\$0	\$0	\$37,726	\$37,726	\$37,726
Total	\$0	\$0	\$53,233,859	\$56,066,714	\$56,050,756

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$15,957	\$0	\$0	\$15,957
5 Closeout	\$1	\$0	\$0	\$1
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$15,958	\$0	\$0	\$15,958

NARRATIVES

TD ADA VAN PURCHASES

1028793

Current Scope

Americans with Disabilities Act (ADA) Van Purchase Program (Legacy Program) - For 2017-2018 and forward, revenue fleet purchases will be executed through newly created projects in the Revenue Fleet Capital fund. During the 2017-2018 biennium, this project will be closed and the remaining budget will be disappropriated.

Project Justification

Replacing the older vehicles minimizes the cost of vehicle operations, equipment failures and safety concerns. Scheduled vehicle replacement is based on age, mileage accumulation, vehicle operating expense, vehicle downtime or availability and functionality. These criteria are designed to minimize the number of road calls; insure availability and maintain service productivity. Fleet expansion is based on growth predictions and/or changes in service.

Budget Request Basis

No budget adjustments are requested at this time. Consistent with the Fund Management Policies for Public Transportation, revenue fleet appropriation will be migrated to new projects in a new Revenue Fleet Capital fund. Any appropriation remaining in this project at the end of 2016 will be disappropriated in the 2017/2018 biennium.

Project Status

This is a vehicle replacement program.

Alternatives Analysis

- One alternative to replacing vehicles within the prescribed mileage and life guidelines is to continue using the vehicles in service. This is not recommended because it increases operating costs, break downs and the risk of equipment failure.
 - Vans using different types of fuel, diesel, gas or alternatives and type of vehicles are periodically reviewed.
- If the replacement plan is not implemented the CAT program will continue to operate older vehicles, subject to more breakdowns and increased maintenance costs.
- If the expansion vehicle request is deferred or disapproved, the CAT program will not expand service in 2017-2018.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

TD ADA VAN PURCHASES

1028793

Funding and Revenue Discussion

This project is funded by the Public Transportation Fund, capital sub fund. Additional revenue source is WSDOT Special Needs Grant.

Other Agency Involvement

No other agencies are involved in this project.

Art Eligibility

Vehicle purchases are not eligible for art contribution.

Equity and Social Justice Impact

1. The Paratransit program provides travel opportunities for historically disadvantaged populations, such as low-income people, seniors, people of color, people with disabilities and others with limited transportation options.
2. CAT agencies target people with disabilities or seniors on a low-income, such as Sound Generations that support Ethnic Meal lunch programs or Circle of Friends/Nikkei Concerns that serve a large percentage of non-English speaking customers.

Strategic Climate Action Plan Alignment

N/A

Operating Budget Impacts

This is vehicle replacement program. No significant impact on operating budget is expected.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TD BUS 60FT MB06 2 HYBRID

1028816

Master Project

Department	TRANSPORTATION
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3641 PUBLIC TRANS CONST-UNREST
Class Code	TD BUS 60FT MB06 2 HYBRID
Substantial Completion	
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$317,623	\$0	\$0	\$0	\$317,623
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$597,868,252	\$0	\$0	\$0	\$597,868,252
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$598,185,875	\$0	\$0	\$0	\$598,185,875

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$0	\$0	\$0	\$0
33436 - WA ST DEPT TRANSPORTATION	\$0	\$0	\$0	\$0
Total Revenue	\$0	\$0	\$0	\$0

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		TD BUS 60FT MB06 2 HYBRID				1028816
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$272,400	\$0	\$0	\$0	\$0	\$272,400
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$237,777,634	\$108,588,000	\$0	\$0	\$0	\$346,365,634
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$238,050,034	\$108,588,000	\$0	\$0	\$0	\$346,638,034

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$272,400	\$317,623	\$272,400
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$237,777,634	\$597,868,252	\$346,365,634
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$238,050,034	\$598,185,875	\$346,638,034

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$45,224	\$0	\$0	\$45,224
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$251,502,618	\$0	\$0	\$251,502,618
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$251,547,842	\$0	\$0	\$251,547,842

NARRATIVES TD BUS 60FT MB06 2 HYBRID 1028816

Current Scope

60-Ft Hybrid Bus Purchase Program (Legacy Program) - For 2017-2018 and forward, revenue fleet purchases will be executed through newly created projects in the revenue fleet capital fund. During the 2017-2018 biennium, this project will be closed and the remaining budget will be disappropriated.

Project Justification

Budget Request Basis

No budget adjustments are requested at this time. Consistent with the Fund Management Policies for Public Transportation, revenue fleet appropriation will be migrated to new projects in a new Revenue Fleet Capital fund. Any appropriation remaining in this project at the end of 2016 will be disappropriated in the 2017/2018 biennium.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	TD BUS 60FT MB06 2 HYBRID	1028816
Project Status		
Alternatives Analysis		
Funding and Revenue Discussion		
Other Agency Involvement		
Art Eligibility		
Equity and Social Justice Impact		
Strategic Climate Action Plan Alignment		
Operating Budget Impacts		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TD CAPITAL PROJECT OVERSIGHT

1028827

Department	TRANSPORTATION
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3641 PUBLIC TRANS CONST-UNREST
Class Code	ADMIN
Substantial Completion	
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$313,766	\$318,211	\$320,000	\$320,000	\$1,271,977
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$313,766	\$318,211	\$320,000	\$320,000	\$1,271,977

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$318,211	\$320,000	\$320,000	\$958,211
Total Revenue	\$318,211	\$320,000	\$320,000	\$958,211

EXPENSE

TD CAPITAL PROJECT OVERSIGHT

1028827

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$180,476	\$22,853	\$318,212	\$45,000	\$45,000	\$611,541
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$180,476	\$22,853	\$318,212	\$45,000	\$45,000	\$611,541

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$180,476	\$313,766	\$203,329
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$180,476	\$313,766	\$203,329

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$110,437	\$318,211	\$318,212	\$110,436
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$110,437	\$318,211	\$318,212	\$110,436

NARRATIVES

TD CAPITAL PROJECT OVERSIGHT

1028827

Current Scope

Capital Project Oversight Project - This project funds oversight costs allocated to Transit.

Project Justification

This project is to pay for auditor related costs for the CIP program.

Budget Request Basis

Budget requested based on model for allocating these auditor costs to agencies.

Project Status

Alternatives Analysis

Funding and Revenue Discussion

Other Agency Involvement

Art Eligibility

Equity and Social Justice Impact

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	TD CAPITAL PROJECT OVERSIGHT	1028827
Strategic Climate Action Plan Alignment		
Operating Budget Impacts		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TD TRANSIT PRIORITY IMPROVEMET

1028830

Master Project

Department	TRANSPORTATION
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3641 PUBLIC TRANS CONST-UNREST
Class Code	TD TRANSIT PRIORITY IMPROVEMET
Substantial Completion	
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$285,644	\$970,861	\$190,000	\$652,000	\$2,098,505
2 Preliminary Design	\$976,709	\$1,327,998	\$0	\$935,000	\$3,239,707
3 Final Design	\$701,069	\$262,354	\$440,000	\$890,000	\$2,293,423
4 Implementation	\$1,440,504	(\$461,338)	\$125,000	\$275,000	\$1,379,166
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$3,403,925	\$2,099,875	\$755,000	\$2,752,000	\$9,010,800

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$2,099,875	\$755,000	\$2,752,000	\$5,606,875
Total Revenue	\$2,099,875	\$755,000	\$2,752,000	\$5,606,875

EXPENSE TD TRANSIT PRIORITY IMPROVEMET 1028830

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$209,497	\$82,000	\$552,008	\$603,000	\$652,000	\$2,098,505
2 Prelim Design	\$382,758	\$240,000	\$991,949	\$690,000	\$935,000	\$3,239,707
3 Final Design	\$314,023	\$30,000	\$209,401	\$850,000	\$890,000	\$2,293,424
4 Implementation	\$569,165	\$75,000	\$200,000	\$260,000	\$275,000	\$1,379,165
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$1,475,443	\$427,000	\$1,953,358	\$2,403,000	\$2,752,000	\$9,010,801

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$209,497	\$285,644	\$291,497
2 Preliminary Design	\$0	\$0	\$382,758	\$976,709	\$622,758
3 Final Design	\$0	\$0	\$314,023	\$701,069	\$344,023
4 Implementation	\$0	\$0	\$569,165	\$1,440,504	\$644,165
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$1,475,443	\$3,403,926	\$1,902,443

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$5,853)	\$970,861	\$552,008	\$413,000
2 Preliminary Design	\$353,951	\$1,327,998	\$991,949	\$690,000
3 Final Design	\$357,046	\$262,354	\$209,401	\$409,999
4 Implementation	\$796,338	(\$461,338)	\$200,000	\$135,000
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$1,501,482	\$2,099,875	\$1,953,358	\$1,647,999

NARRATIVES

TD TRANSIT PRIORITY IMPROVEMET

1028830

Current Scope

Transit Priority Improvement Program - The Transit Priority Improvement program covers corridor planning studies and conceptual development activities for high-ridership corridor improvements and also includes design and implementation phases for localized improvements. Efforts range from small, low cost to large, high cost projects. Small sized and low cost projects typically involve constructing spot improvements at chokepoints where buses experience blockages or delays approaching intersections or merging back into traffic after serving a bus stop. Medium cost projects include transit priority improvements for a portion of a high ridership route corridor, such as bus lanes along a particular arterial shared by several different routes, or re-timing traffic signals along a corridor. High cost projects include a variety of speed and reliability improvements along the entire length of a route corridor, such as transit signal priority and fiber communication infrastructure. Typically, high cost projects are part of larger capital projects such as early implementation of the transit priority treatment in the RapidRide program.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

TD TRANSIT PRIORITY IMPROVEMET

1028830

Project Justification

The Transit Priority Improvement program identifies and prioritizes projects to improve transit performance and increase ridership. The program focuses on working with our partner cities to increase the operating efficiency of existing bus service by improving transit speed and reliability on highly congested corridors. Over the previous five years this program has made investments throughout the county on several corridors and over 70 individual hot spot locations. When seeking corridor grant funding, this program provides local match to leverage both federal and state funding opportunities.

In addition to the corridor program, this program also covers localized hot spot improvements and also helps with the service change process for areas needing transit priority treatments. Most recently, this program also helps promote the safety culture in transit section by prioritizing the implementation of the roadway and signal improvements for locations identified by transit safety section.

The program supports Transit Strategic Goal 5.1 Service Excellence, Strategy 5.1.3 Improve transit speed and reliability by maintaining or improving bus travel times and reliability through capital investments. As the Puget Sound region continues to grow in population and employment, the traffic congestion is expected to get worse. Maintaining transit mobility in the region is one of the options to attract new transit riders as well as increase transit ridership as the region is becoming more congested. The roadway and signal improvements covered in this program may result in operating and capital cost savings by delaying the need to add more buses to the fleet as well as operating savings due to the reductions in running time variability.

If the Transit Priority Improvement program is not approved, Metro will no longer have the resources to proactively maintain transit speed and reliability in the region. Metro will no longer be able to leverage and shape project outcomes and will rely heavily on local jurisdictions. Future service change efforts may not be successful if improvements cannot be installed to accommodate new bus routing and turns. Metro's vision as a regional transit provider and maintaining transit service and reliability is a high priority for the Puget Sound region. The performance measure of emphasis is on-time performance and reliability.

Budget Request Basis

Funds are required to leverage local match to seek both federal and state grant funding opportunity for transit priority treatments throughout the County. In the past five years, this program has secured \$5.6 million dollars grant fund to cover three transit corridors (Route 101, 8, and 150). The Route 245 corridor was awarded \$2.2M state fund last year. This year, there will be a decision pending for receiving additional \$5.1M to cover Route 169/180 and Route 271/234/235. If this program continues to be funded, the program will continue to leverage federal and state dollars to implement transit priority treatments along high congested transit corridors. In addition to the local match, this program pays for the planning, project development, design, and implementation of the hot spot and safety related improvements.

Project Status

- Current phase: multiple phases
- # of hot spot and safety improvement locations currently active: 35
- # hot spot locations completed in 2015: 10
- # hot spot locations completed till April 2016: 6
- Corridors receiving federal funding in 2015: 8, 101, 150
- Corridor already receiving state award in 2015: Route 245
- Corridors seeking federal funding this year: Route 169/180 and Route 234/235/255/271

Alternatives Analysis

N/A

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	TD TRANSIT PRIORITY IMPROVEMET	1028830
Funding and Revenue Discussion		
\$548,000 of funding will be moved a new project appropriation for Route 245 Corridor Improvement to provide matching funds for a state grant. \$1.1M matching funds remain in the program for Route 169/180 and Route 234/235/255/271 grant if awarded in fall 2017.		
Other Agency Involvement		
City of Seattle, City of Shoreline, City of Redmond, City of Renton, City of Kirkland, City of Burien, City of Tukwila, City of Bellevue, City of SeaTac, City of Des Moines, City of Kent, City of Auburn, WSDOT, Sound Transit, Community Transit, and other cities supporting the Transit Priority implementation.		
Art Eligibility		
This project is not eligible for art because the funding is for roadway and signal improvements belonging to other jurisdictions.		
Equity and Social Justice Impact		
Maintaining and improving transit service throughout King County benefits communities of color and low income which are disproportionately transit-dependent.		
Strategic Climate Action Plan Alignment		
Not applicable to this project. Roadway and signal infrastructures are owned and maintained by local jurisdictions.		
Operating Budget Impacts		
Not applicable to this project.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TD VANPOOL VEHICLE PURCHASE

1028854

Department	TRANSPORTATION
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3641 PUBLIC TRANS CONST-UNREST
Class Code	STANDALONE
Substantial Completion	
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 05/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$1,968	\$0	\$0	\$0	\$1,968
2 Preliminary Design	\$126	\$0	\$0	\$0	\$126
3 Final Design	\$50,500	\$0	\$0	\$0	\$50,500
4 Implementation	\$92,692,491	\$0	\$0	\$0	\$92,692,491
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$92,745,085	\$0	\$0	\$0	\$92,745,085

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$0	\$0	\$0	\$0
33436 - WA ST DEPT TRANSPORTATION	\$0	\$0	\$0	\$0
39513 - SALE OF EQUIPMENT	\$0	\$0	\$0	\$0
Total Revenue	\$0	\$0	\$0	\$0

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		TD VANPOOL VEHICLE PURCHASE					1028854
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense	
1 Planning	\$1,968	\$0	\$0	\$0	\$0	\$1,968	
2 Prelim Design	\$126	\$0	\$0	\$0	\$0	\$126	
3 Final Design	\$50,500	\$0	\$0	\$0	\$0	\$50,500	
4 Implementation	\$90,314,354	\$2,378,137	\$0	\$0	\$0	\$92,692,491	
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0	
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0	
Total Expense	\$90,366,948	\$2,378,137	\$0	\$0	\$0	\$92,745,085	

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 05/2016	ITD Budget thru 05/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$1,968	\$1,968	\$1,968
2 Preliminary Design	\$0	\$0	\$126	\$126	\$126
3 Final Design	\$0	\$0	\$50,500	\$50,500	\$50,500
4 Implementation	\$0	\$0	\$88,799,239	\$92,692,491	\$92,692,491
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$67	\$0	\$0
Total	\$0	\$0	\$88,851,900	\$92,745,085	\$92,745,085

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0

NARRATIVES TD VANPOOL VEHICLE PURCHASE 1028854

Current Scope

Vanpool Vehicle Purchase Project - For 2017-18 and forward, revenue fleet purchases will be executed through newly created projects in the fleet revenue fund. This project will be closed and the remaining budget will be disappropriated.

Project Justification

This is an on-going project where the number and type of vehicles changes yearly based on projected service assumptions, customer usage and preference, and vehicle manufacturer capacity and availability. Each budget year, a multi-year fleet plan is created that identifies the quantity, seating capacity and unit cost of vans.

Budget Request Basis

During the biennium, 383 vans reach the end of their useful life and will be replaced. In addition, the number of operating vanpool groups is expected to increase by 140 groups and based on this level of service, this project provides for the purchase of 70 expansion vans in each year of the biennium.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	TD VANPOOL VEHICLE PURCHASE	1028854
Project Status		
The project is in the implementation phase. 243 replacement and 60 expansion vans were purchased in 2015. In 2016, 27 replacement vans and 70 expansion vans have been ordered.		
Alternatives Analysis		
N/A		
Funding and Revenue Discussion		
Fares from vanpool riders cover the cost of replacement vans. King County Code requires that vanpool rider fares recover 100 percent of capital costs, 100 percent of operating expenses and at least 25 percent of administrative costs. It is expected that the State of Washington will reimburse the division \$3.5 million in 2016. Future amounts estimated at just over \$2 million each year through 2026 from its Vanpool Investment Program. This estimate is based on the average reimbursement from WDSOT since 2006. Revenue from the sale of vans is estimated at \$149,000 in 2017 and \$1.6 million 2018.		
Other Agency Involvement		
No other agencies are involved in this project.		
Art Eligibility		
Purchase of vehicles is ineligible for 1% for art.		
Equity and Social Justice Impact		
N/A		
Strategic Climate Action Plan Alignment		
N/A		
Operating Budget Impacts		
N/A		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TD CIP CONTINGENCY

1111770

Department	TRANSPORTATION
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3641 PUBLIC TRANS CONST-UNREST
Class Code	ADMIN
Substantial Completion	
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$1,126	\$0	\$0	\$1,126
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$802,405	\$14,876,907	\$0	\$0	\$15,679,312
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$802,405	\$14,878,033	\$0	\$0	\$15,680,438

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$14,878,033	\$0	\$0	\$14,878,033
Total Revenue	\$14,878,033	\$0	\$0	\$14,878,033

EXPENSE TD CIP CONTINGENCY 1111770

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$1,126	\$0	\$0	\$0	\$0	\$1,126
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$679,312	\$15,000,000	\$0	\$0	\$15,679,312
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$1,126	\$679,312	\$15,000,000	\$0	\$0	\$15,680,438

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$1,126	\$0	\$1,126
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$802,405	\$679,312
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$1,126	\$802,405	\$680,438

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	(\$1,126)	\$1,126	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$123,093	\$14,876,907	\$15,000,000	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$121,967	\$14,878,033	\$15,000,000	\$0

NARRATIVES

TD CIP CONTINGENCY

1111770

Current Scope

CIP Emergent Need Contingency - This is an overall Transit contingency project that can be used to fund emergent needs in specific projects. If needed, appropriation authority in this project would be transferred to other projects.

Project Justification

Budget Request Basis

Project Status

Alternatives Analysis

Funding and Revenue Discussion

Other Agency Involvement

Art Eligibility

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	TD CIP CONTINGENCY	1111770
Equity and Social Justice Impact		
Strategic Climate Action Plan Alignment		
Operating Budget Impacts		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TD RADIO ALASKAN WAY TUNNEL

1111771

TA

Department	TRANSPORTATION
Council District(s)	4, 8
Fund	3641 PUBLIC TRANS CONST-UNREST
Class Code	STANDALONE
Substantial Completion	
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$500,000	(\$500,000)	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$500,000	(\$500,000)	\$0	\$0	\$0

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	(\$500,000)	\$0	\$0	(\$500,000)
Total Revenue	(\$500,000)	\$0	\$0	(\$500,000)

EXPENSE TD RADIO ALASKAN WAY TUNNEL 1111771

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$0	\$0	\$0	\$0
2 Prelim Design	\$0		\$0	\$0	\$0	\$0
3 Final Design	\$0		\$0	\$0	\$0	\$0
4 Implementation	\$0		\$0	\$0	\$0	\$0
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$0		\$0	\$0	\$0	\$0

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$500,000	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$500,000	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$500,000	(\$500,000)	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$500,000	(\$500,000)	\$0	\$0

NARRATIVES

TD RADIO ALASKAN WAY TUNNEL

1111771

Current Scope

Alaska Way Radio Project - Project was cancelled. Disappropriating remaining funds. The WashDOT engineering team for the SR-99 tunnel chose a different technological approach that did not require KCM's involvement.

Project Justification

Budget Request Basis

Project Status

Alternatives Analysis

Funding and Revenue Discussion

Other Agency Involvement

Art Eligibility

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	TD RADIO ALASKAN WAY TUNNEL	1111771
Equity and Social Justice Impact		
Strategic Climate Action Plan Alignment		
Operating Budget Impacts		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TD CUSTOMER INFO SYS PLATFORM

1111785

Master Project

Department	TRANSPORTATION
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3641 PUBLIC TRANS CONST-UNREST
Class Code	TD CUSTOMER INFO SYS PLATFORM
Substantial Completion	12/31/2019
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$8,918	\$95,531	\$0	\$0	\$104,449
2 Preliminary Design	\$0	\$181,657	\$0	\$0	\$181,657
3 Final Design	\$1,334,415	(\$44,289)	\$0	\$0	\$1,290,126
4 Implementation	\$2,553,892	\$478,505	\$467,000	\$0	\$3,499,397
5 Closeout	\$0	\$53,990	\$19,633	\$0	\$73,623
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$3,897,225	\$765,394	\$486,633	\$0	\$5,149,252

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$765,394	\$486,633	\$0	\$1,252,027
Total Revenue	\$765,394	\$486,633	\$0	\$1,252,027

EXPENSE TD CUSTOMER INFO SYS PLATFORM 1111785

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$104,449	\$0	\$0	\$0	\$0	\$104,449
2 Prelim Design	\$45,657	\$0	\$0	\$0	\$0	\$45,657
3 Final Design	\$753,600	\$0	\$0	\$0	\$0	\$753,600
4 Implementation	\$806,190	\$741,809	\$2,209,644	\$486,633	\$0	\$4,244,276
5 Closeout	\$1,269	\$0	\$0	\$0	\$0	\$1,269
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$1,711,165	\$741,809	\$2,209,644	\$486,633	\$0	\$5,149,251

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$104,449	\$8,918	\$104,449
2 Preliminary Design	\$0	\$0	\$45,657	\$0	\$45,657
3 Final Design	\$0	\$0	\$753,600	\$1,334,415	\$753,600
4 Implementation	\$0	\$0	\$806,190	\$2,553,892	\$1,547,999
5 Closeout	\$0	\$0	\$1,269	\$0	\$1,269
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$1,711,165	\$3,897,225	\$2,452,974

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$95,531)	\$95,531	\$0	\$0
2 Preliminary Design	(\$45,657)	\$181,657	\$0	\$136,000
3 Final Design	\$580,815	(\$44,289)	\$0	\$536,526
4 Implementation	\$1,005,893	\$478,505	\$2,209,644	(\$725,246)
5 Closeout	(\$1,269)	\$53,990	\$0	\$52,721
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$1,444,251	\$765,394	\$2,209,644	\$1

NARRATIVES

TD CUSTOMER INFO SYS PLATFORM

1111785

Current Scope

Customer Information System Platform Project - The Customer Information Systems project develops and implements an architecture for customer related information and applications. This will provide internal and external customers with a means to access regional transportation information and present it through a variety of contemporary communication methods. This project will:

- Provide an integration software architecture for Transit's customer information systems that permits the sharing of data and message content facilitating consistent information across systems.
- Replace or upgrade legacy at risk systems with proven off-the-shelf vendor products, open source technologies, and/or in-house developed systems, achieving the best solution and use of resources. These include Automated Trip Planning, Customer Relations Management, Lost and Found, IVR, Tracker, and printed and electronic bus schedules.
- Introduce new customer information tools and independent information delivery mechanisms that use the latest technology, which may include mapping and real time information, and will permit the introduction of new ways to provide customer information that can grow and change as technology advances.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

TD CUSTOMER INFO SYS PLATFORM

1111785

Project Justification

The purpose of this project is to implement a customer information systems architecture that supports the deployment of modular and open systems to support Metro's wide-ranging customer information needs. The project will periodically refresh Metro's family of customer information systems in a cycle that will keep these applications up to date and supportable; reduce redundant data entry; improve the efficiency of Metro's customer information staff; provide timely delivery of customer information and accurate information on service interruptions and other changes.

Currently Transit has several key issues with its customer information systems:

- Data being used by customer information systems can be inaccurate, incomplete, or inappropriate to the purpose for which it is used.
- Technology limitations and the subsequent business processes from the old systems present challenges to effective sharing of data and messages between systems and work teams.
- The information customers most request is not readily available in the forms that they anticipate being able to consume it.

These issues lead to variable data "fixing" within each system resulting in manual and duplicative work, inconsistent and delayed messages being communicated to customers, and messages that often times do not meet customer's needs. For the most part, Transit's customer information systems were implemented prior to the broad use of cell phones, social networking sites, and the availability of near real-time information. Many exist on old, proprietary hardware that cannot be replaced without replacing the entire system.

The resulting systems will significantly improve the accuracy and consistency of customer information, provide services that are integrated, useful, and effective to transit customers, and be adaptable to changing technologies and data flows. This project is in line with the following Transit Strategies: 5.2.1 using available tools, new technologies and new methods to improve communication with customers and 6.2.2, maintaining capital assets to support efficient and effective service delivery.

Risk of not implementing: Several of Transit's current customer information systems must be replaced or they will fail. This is due to antiquated hardware that the systems are required to use as part of their proprietary nature. Also, the existing systems are not equipped to provide customer information in mobile environments or to make use of near real-time information. Deferral or denial means customer will not be able to get current transit information whenever and wherever they need it most.

Budget Request Basis

Programmatic expenses were determined by the projects and their phases that are planned to occur during the 2017-18 biennium. These are identified in Section 2 of this document. Each project estimate is based on the combination of Project Manager, staff, and KCIT resources. Projected solution and vendor costs are based on past experience and current market research. Potential hardware/equipment needs and contingency are also taken into consideration.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

TD CUSTOMER INFO SYS PLATFORM

1111785

Project Status

- What was accomplished in 2015: The project was rebaselined in May 2015. Details of the rebaseline are in section 6 of this document. The iOS/Android apps for the Puget Sound Trip Planner were launched early 2015 with additional accessibility improvement updates rolled out through the year. As part of Trip Planner Phase 2, new tablet devices were procured for the Trip Planner support team to enhance and improve responsiveness, testing and administration of the 3 new trip planning tools. Initial implementation of the new Customer Relations Management (CRM) system was accomplished before the end of 2015. Additional features are being rolled out in 2016. Planning and Design work for the Downtown Seattle Transit Tunnel (DSTT) Wifi access points was completed. Planning efforts for the SMS (text) Departure Information project was kicked off.
- What will be accomplished in 2016: Final implementation and close out of the new CRM system project (1114304). Continued Design and Implementation of phase 2 trip planner enhancements (1126660). Completion of the DSTT Wifi Access Points project (1126661) implementing public wifi in the transit tunnel. Design and Implementation of the SMS Departure Info system (1126684).
- What is planned to be accomplished in 2017: Complete analysis of online timetables for future improvements. Continued Implementation and close out of phase 2 trip planner enhancements (1126660). Analysis and review of customer requests and new systems, identifying and implementing needed enhancements as part of Future Enhancements & Responses to Customer Requests. Begin evaluation and analysis for Trip Planner and Tracker refresh.

The project was rebaselined in May 2015 to account for necessary changes. Overall budget was not affected by this change. The Customer Information System Refresh project scope and schedule were rebaselined to:

1. Account for the consolidated implementation of the Upgrade ATIS Trip Planner and Tracker Replacement components,
2. Remove the technologically obsolete Upgrade IVR for Telephone Trip Planning component, and
3. Add new, relevant and useful customer information systems and improvements. The following components were added to the scope, utilizing the money previously budgeted for Upgrade IVR for Telephone Trip Planning and Tracker Replacement; new components are:
 - a. Trip Planner – Phase 2 Enhancements,
 - b. SMS (text) Departure Info,
 - c. Online Timetables – analysis phase,
 - d. Install 4.9 GHz wifi access points in DSTT, and
 - e. Future Enhancements and Responses to Customer Requests.

Alternatives Analysis

Alternatives continue to be explored at this time. Some alternatives explored include stand-alone vendor product suites and “best of breed” tools integrated through well-defined interfaces. Recent research suggests that it is no longer necessary to invest in a single-solution, proprietary vendor suite, and that it is now possible to obtain off-the-shelf products from a variety of vendors that are already designed to support an integrated solution. Mature open source products are also being considered to provide low-cost supportable solutions for specific customer information systems.

Funding and Revenue Discussion

This project is funded by \$505K of Federal Grant funds with the remaining funding coming from the Public Transportation Fund, capital sub fund.

Other Agency Involvement

There are no expected impacts to other King County agencies or regional partners (Community Transit, Pierce Transit, and Sound Transit) at this time.

Art Eligibility

This project is not visible to the public, so it is exempt from art contributions.

Equity and Social Justice Impact

Not applicable to project.

Strategic Climate Action Plan Alignment

Not applicable to project.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	TD CUSTOMER INFO SYS PLATFORM	1111785
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Operating Budget Impacts

Annual operating costs associated with the project are estimated at \$290,000, beginning in 2017. These costs represent vendor maintenance payments and annual license fees for implemented systems: Trip Planner, Salesforce (C3 – customer relations management). There is also an expected additional staff to maintain the new web based environment to be requested at a future date.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TD FACILITY MASTER PLAN

1111786

TA, Art Eligible

Department	TRANSPORTATION
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3641 PUBLIC TRANS CONST-UNREST
Class Code	STANDALONE
Substantial Completion	
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$354,271	(\$1,619)	\$0	\$0	\$352,652
2 Preliminary Design	\$875	\$0	\$0	\$0	\$875
3 Final Design	\$186	\$0	\$0	\$0	\$186
4 Implementation	\$2,338	(\$13,162)	\$0	\$0	(\$10,824)
5 Closeout	\$597	\$9,105	\$0	\$0	\$9,702
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$358,267	(\$5,676)	\$0	\$0	\$352,591

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	(\$5,676)	\$0	\$0	(\$5,676)
Total Revenue	(\$5,676)	\$0	\$0	(\$5,676)

EXPENSE

TD FACILITY MASTER PLAN

1111786

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$352,652		\$0	\$0	\$0	\$352,652
2 Prelim Design	\$875		\$0	\$0	\$0	\$875
3 Final Design	\$186		\$0	\$0	\$0	\$186
4 Implementation	\$3,606	(\$14,430)	\$0	\$0	\$0	(\$10,824)
5 Closeout	\$9,702		\$0	\$0	\$0	\$9,702
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$367,020	(\$14,430)	\$0	\$0	\$0	\$352,590

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$352,652	\$354,271	\$352,652
2 Preliminary Design	\$0	\$0	\$875	\$875	\$875
3 Final Design	\$0	\$0	\$186	\$186	\$186
4 Implementation	\$0	\$0	\$3,606	\$2,338	(\$10,824)
5 Closeout	\$0	\$0	\$9,702	\$597	\$9,702
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$367,021	\$358,267	\$352,591

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$1,619	(\$1,619)	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$13,162	(\$13,162)	\$0	\$0
5 Closeout	(\$9,105)	\$9,105	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$5,676	(\$5,676)	\$0	\$0

NARRATIVES

TD FACILITY MASTER PLAN

1111786

Current Scope

Facility Master Plan Project - This project is completed. Disappropriating remaining funds.

Project Justification

Budget Request Basis

Project Status

Alternatives Analysis

Funding and Revenue Discussion

Other Agency Involvement

Art Eligibility

Equity and Social Justice Impact

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	TD FACILITY MASTER PLAN	1111786
Strategic Climate Action Plan Alignment		
Operating Budget Impacts		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TDC BATTERY DOMINANT BUS

1111971

Master Project

Department	TRANSPORTATION
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3641 PUBLIC TRANS CONST-UNREST
Class Code	TDC BATTERY DOMINANT BUS
Substantial Completion	
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$201,434	\$0	\$0	\$0	\$201,434
2 Preliminary Design	\$25,000	\$0	\$0	\$0	\$25,000
3 Final Design	\$75,000	\$0	\$0	\$0	\$75,000
4 Implementation 01/01/17 - 12/31/17	\$4,989,566	\$0	\$0	\$0	\$4,989,566
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$5,291,000	\$0	\$0	\$0	\$5,291,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$0	\$0	\$0	\$0
Total Revenue	\$0	\$0	\$0	\$0

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		TDC BATTERY DOMINANT BUS				1111971
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$393,798	\$0	\$0	\$0	\$0	\$393,798
2 Prelim Design	\$28,056	\$0	\$0	\$0	\$0	\$28,056
3 Final Design	\$1,362	\$0	\$0	\$0	\$0	\$1,362
4 Implementation	\$601,619	\$3,907,351	\$0	\$0	\$0	\$4,508,970
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$1,024,835	\$3,907,351	\$0	\$0	\$0	\$4,932,186

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$393,798	\$201,434	\$393,798
2 Preliminary Design	\$0	\$0	\$28,056	\$25,000	\$28,056
3 Final Design	\$0	\$0	\$1,362	\$75,000	\$1,362
4 Implementation	\$0	\$0	\$601,619	\$4,989,566	\$4,508,970
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$1,024,835	\$5,291,000	\$4,932,186

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$192,364)	\$0	\$0	(\$192,364)
2 Preliminary Design	(\$3,056)	\$0	\$0	(\$3,056)
3 Final Design	\$73,638	\$0	\$0	\$73,638
4 Implementation	\$480,596	\$0	\$0	\$480,596
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$358,814	\$0	\$0	\$358,814

NARRATIVES TDC BATTERY DOMINANT BUS 1111971

Current Scope

Battery Dominant Bus Purchase Program (Legacy Program) - For 2017-2018 and forward, revenue fleet purchases will be executed through newly created projects in the revenue fleet capital fund. During the 2017-2018 biennium, this project will be closed, and the remaining budget will be disappropriated.

Project Justification

Budget Request Basis

No budget adjustments are requested at this time. Consistent with the Fund Management Policies for Public Transportation, revenue fleet appropriation will be migrated to new projects in a new Revenue Fleet Capital fund. Any appropriation remaining in this project at the end of 2016 will be disappropriated in the 2017/2018 biennium.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	TDC BATTERY DOMINANT BUS	1111971
Project Status		
Alternatives Analysis		
Funding and Revenue Discussion		
Other Agency Involvement		
Art Eligibility		
Equity and Social Justice Impact		
Strategic Climate Action Plan Alignment		
Operating Budget Impacts		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TD RT 120 TRANSIT IMPROVEMENTS

1111975

TA

Department	TRANSPORTATION
Council District(s)	8
Fund	3641 PUBLIC TRANS CONST-UNREST
Class Code	STANDALONE
Substantial Completion	
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$1,125	(\$318,740)	\$0	\$0	(\$317,615)
2 Preliminary Design	\$38,824	\$88,637	\$0	\$0	\$127,461
3 Final Design	\$489,401	(\$169,202)	\$0	\$0	\$320,199
4 Implementation	\$2,255,650	\$386,252	\$0	\$0	\$2,641,902
5 Closeout	\$0	\$4,009	\$0	\$0	\$4,009
6 Acquisition	\$0	\$973	\$0	\$0	\$973
Total Budget	\$2,785,000	(\$8,071)	\$0	\$0	\$2,776,929

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	(\$8,071)	\$0	\$0	(\$8,071)
Total Revenue	(\$8,071)	\$0	\$0	(\$8,071)

EXPENSE TD RT 120 TRANSIT IMPROVEMENTS 1111975

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	(\$317,615)		\$0	\$0	\$0	(\$317,615)
2 Prelim Design	\$127,461		\$0	\$0	\$0	\$127,461
3 Final Design	\$320,200		\$0	\$0	\$0	\$320,200
4 Implementation	\$2,641,902		\$0	\$0	\$0	\$2,641,902
5 Closeout	\$4,009		\$0	\$0	\$0	\$4,009
6 Acquisition	\$973		\$0	\$0	\$0	\$973
Total Expense	\$2,776,929		\$0	\$0	\$0	\$2,776,929

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	(\$317,615)	\$1,125	(\$317,615)
2 Preliminary Design	\$0	\$0	\$127,461	\$38,824	\$127,461
3 Final Design	\$0	\$0	\$320,200	\$489,401	\$320,200
4 Implementation	\$0	\$0	\$2,641,902	\$2,255,650	\$2,641,902
5 Closeout	\$0	\$0	\$4,009	\$0	\$4,009
6 Acquisition	\$0	\$0	\$973	\$0	\$973
Total	\$0	\$0	\$2,776,930	\$2,785,000	\$2,776,930

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$318,740	(\$318,740)	\$0	\$0
2 Preliminary Design	(\$88,637)	\$88,637	\$0	\$0
3 Final Design	\$169,202	(\$169,202)	\$0	\$0
4 Implementation	(\$386,252)	\$386,252	\$0	\$0
5 Closeout	(\$4,009)	\$4,009	\$0	\$0
6 Acquisition	(\$973)	\$973	\$0	\$0
Total	\$8,071	(\$8,071)	\$0	\$0

NARRATIVES

TD RT 120 TRANSIT IMPROVEMENTS

1111975

Current Scope

Route 120 Transit Improvement Project - The project is completed. Disappropriating remaining funds.

Project Justification

Budget Request Basis

Project Status

Alternatives Analysis

Funding and Revenue Discussion

Other Agency Involvement

Art Eligibility

Equity and Social Justice Impact

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	TD RT 120 TRANSIT IMPROVEMENTS	1111975
Strategic Climate Action Plan Alignment		
Operating Budget Impacts		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TD DSTT ESCALATOR REFURB

1111992

TA

Department	TRANSPORTATION
Council District(s)	2
Fund	3641 PUBLIC TRANS CONST-UNREST
Class Code	STANDALONE
Substantial Completion	
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$538	\$1,326	\$0	\$0	\$1,864
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$6,724,462	(\$382,800)	\$0	\$0	\$6,341,662
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$6,725,000	(\$381,474)	\$0	\$0	\$6,343,526

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	(\$381,474)	\$0	\$0	(\$381,474)
Total Revenue	(\$381,474)	\$0	\$0	(\$381,474)

EXPENSE TD DSTT ESCALATOR REFURB 1111992

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$1,864		\$0	\$0	\$0	\$1,864
2 Prelim Design	\$0		\$0	\$0	\$0	\$0
3 Final Design	\$0		\$0	\$0	\$0	\$0
4 Implementation	\$6,341,662		\$0	\$0	\$0	\$6,341,662
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$6,343,526		\$0	\$0	\$0	\$6,343,526

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$1,864	\$538	\$1,864
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$6,341,662	\$6,724,462	\$6,341,662
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$6,343,526	\$6,725,000	\$6,343,526

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$1,326)	\$1,326	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$382,800	(\$382,800)	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$381,474	(\$381,474)	\$0	\$0

NARRATIVES

TD DSTT ESCALATOR REFURB

1111992

Current Scope

Downtown Seattle Transit Tunnel Escalator Refurbishment Project - The project is completed. Disappropriating remaining funds.

Project Justification

Budget Request Basis

Project Status

Alternatives Analysis

Funding and Revenue Discussion

Other Agency Involvement

Art Eligibility

Equity and Social Justice Impact

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	TD DSTT ESCALATOR REFURB	1111992
Strategic Climate Action Plan Alignment		
Operating Budget Impacts		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TD FIBER REPLACEMENT

1111993

TA

Department	TRANSPORTATION
Council District(s)	4, 6, 8
Fund	3641 PUBLIC TRANS CONST-UNREST
Class Code	STANDALONE
Substantial Completion	
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$40	\$0	\$0	\$0	\$40
2 Preliminary Design	\$793	\$0	\$0	\$0	\$793
3 Final Design	\$6,761	\$0	\$0	\$0	\$6,761
4 Implementation	\$813,357	(\$36,584)	\$0	\$0	\$776,773
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$820,951	(\$36,584)	\$0	\$0	\$784,367

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	(\$36,584)	\$0	\$0	(\$36,584)
Total Revenue	(\$36,584)	\$0	\$0	(\$36,584)

EXPENSE TD FIBER REPLACEMENT 1111993

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$40		\$0	\$0	\$0	\$40
2 Prelim Design	\$793		\$0	\$0	\$0	\$793
3 Final Design	\$6,761		\$0	\$0	\$0	\$6,761
4 Implementation	\$741,658	\$35,115	\$0	\$0	\$0	\$776,773
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$749,252	\$35,115	\$0	\$0	\$0	\$784,367

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$40	\$40	\$40
2 Preliminary Design	\$0	\$0	\$793	\$793	\$793
3 Final Design	\$0	\$0	\$6,761	\$6,761	\$6,761
4 Implementation	\$0	\$0	\$741,658	\$813,357	\$776,773
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$749,252	\$820,951	\$784,367

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$1	\$0	\$0	\$1
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$36,584	(\$36,584)	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$36,585	(\$36,584)	\$0	\$1

NARRATIVES

TD FIBER REPLACEMENT

1111993

Current Scope

Fiber Optic Cable Replacement Project - The project is completed. Disappropriating remaining funds.

Project Justification

Budget Request Basis

Project Status

Alternatives Analysis

Funding and Revenue Discussion

Other Agency Involvement

Art Eligibility

Equity and Social Justice Impact

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	TD FIBER REPLACEMENT	1111993
Strategic Climate Action Plan Alignment		
Operating Budget Impacts		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TDC DOWNTOWN SOUTHEND PATHWAY

1112015

Master Project

Department	TRANSPORTATION
Council District(s)	4, 8
Fund	3641 PUBLIC TRANS CONST-UNREST
Class Code	TDC DOWNTOWN SOUTHEND PATHWAY
Substantial Completion	06/30/2020
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$108,220	(\$57,027)	\$0	\$0	\$51,193
2 Preliminary Design	\$338,431	\$53,116	\$0	\$0	\$391,547
3 Final Design	\$783,177	\$466,907	\$0	\$0	\$1,250,084
4 Implementation	\$4,170,172	(\$23,976)	\$0	\$0	\$4,146,196
5 Closeout	\$200,000	(\$139,020)	\$0	\$0	\$60,980
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$5,600,000	\$300,000	\$0	\$0	\$5,900,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	(\$360,000)	\$0	\$0	(\$360,000)
33119 - FED TRANSIT FORMULA	\$660,000	\$0	\$0	\$660,000
Total Revenue	\$300,000	\$0	\$0	\$300,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		TDC DOWNTOWN SOUTHEND PATHWAY				1112015
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$51,193		\$0	\$0	\$0	\$51,193
2 Prelim Design	\$391,546		\$0	\$0	\$0	\$391,546
3 Final Design	\$110,084	\$690,000	\$450,000	\$0	\$0	\$1,250,084
4 Implementation	\$15,611		\$3,606,399	\$524,186	\$0	\$4,146,196
5 Closeout	\$980		\$0	\$60,000	\$0	\$60,980
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$569,414	\$690,000	\$4,056,399	\$584,186	\$0	\$5,899,999

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$51,193	\$108,220	\$51,193
2 Preliminary Design	\$0	\$0	\$391,546	\$338,431	\$391,546
3 Final Design	\$0	\$0	\$110,084	\$783,177	\$800,084
4 Implementation	\$0	\$0	\$15,611	\$4,170,172	\$15,611
5 Closeout	\$0	\$0	\$980	\$200,000	\$980
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$569,414	\$5,600,000	\$1,259,414

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$57,028	(\$57,027)	\$0	\$1
2 Preliminary Design	(\$53,116)	\$53,116	\$0	\$0
3 Final Design	(\$16,907)	\$466,907	\$450,000	\$0
4 Implementation	\$4,154,561	(\$23,976)	\$3,606,399	\$524,186
5 Closeout	\$199,020	(\$139,020)	\$0	\$60,000
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$4,340,586	\$300,000	\$4,056,399	\$584,187

NARRATIVES TDC DOWNTOWN SOUTHEND PATHWAY 1112015

Current Scope

Downtown Southend Pathway Project - This project will create a new transit pathway between the Alaskan Way Tunnel and Third Avenue via Columbia Street by changing Columbia Street from Alaskan Way to 3rd Avenue to two way traffic operation and reconstructing the roadway on Columbia Street from 1st to 3rd Avenues.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

TDC DOWNTOWN SOUTHEND PATHWAY

1112015

Project Justification

Currently, King County Metro buses traveling from West Seattle and Southwest King County use the Seneca and Columbia Street off-ramps to travel to and from downtown Seattle. Currently, this pathway carries over 23,000 transit riders and over 500 bus trips daily. Once the State Route 99 (SR99) bored tunnel is opened to traffic in May 2018 and the Alaskan Way Viaduct and current off ramps will no longer connected to the surface streets, therefore Metro buses will need find a new pathway to connect transit riders south of downtown to the Third Avenue Transit corridor. The current plan is to establish a new pathway on Columbia St.

If the Downtown Southend Pathway project is not approved, Metro will need to reroute transit services using the existing north-south surface streets through SODO area. This alternate pathway will results in higher transit travel time and reliability, therefore, it will require much higher service hours to run those buses.

Budget Request Basis

Project Status

In the past 9 months, there has been a lot of coordination with other planned construction projects in the vicinity such as the Alaskan Way Bored Tunnel, Alaskan Way demolition, Southend Bored Tunnel Access, Seattle Waterfront, Seattle Seawall, City Center Connector (Streetcar), Seattle City Light utility, and Third Avenue projects. Interdependencies among all projects are important to recognize the interaction of each planned project during the construction period. As a result, project coordination is getting more difficult and complex. As tunnel construction resumes in April 2016, the project team begins to recommence the project coordination reevaluate each project schedule and impact to other projects.

In the meantime, the design for the Columbia Street roadway reconstruction continues in 2016 and the project is anticipated to be constructed in spring 2017.

Seattle Department of Transportation (SDOT) performs the design work on behalf of King County Metro for the roadway reconstruction on Columbia Street between 1st and 3rd Avenue. By fall 2016, King County Metro and SDOT are expected to execute an interagency agreement for the city to construct the improvements and make operational changes for different phases of the project to meet King County Metro's project objectives.

Alternatives Analysis

In 2012, a study was completed to evaluate alternatives for all possible pathways to provide a fast and reliable transit connection between West Seattle and the Seattle downtown core via Third Avenue. Alaskan Way to Columbia Street alternative was selected based on the opportunity for adding bus lanes in both directions on Alaskan Way to provide more reliable transit movement through downtown.

Funding and Revenue Discussion

Current funding sources are a federal surface transportation program grant \$631,200 and the Very Small Starts grant for RapidRide C Line, \$3,145,480. Remaining funding is from the Public Transportation Fund, capital sub fund.

Other Agency Involvement

City of Seattle – Seattle Waterfront, Seawall, and City Center Connector projects
WSDOT – Alaskan Way Bored Tunnel, Southend Bored Tunnel Access, Alaskan Way demolition

Art Eligibility

This project is not eligible for art because the funding is for roadway and signal improvements belonging to other jurisdictions. Grant funds cannot contribute to general art funds.

Equity and Social Justice Impact

N/A

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	TDC DOWNTOWN SOUTHEND PATHWAY	1112015
Strategic Climate Action Plan Alignment		
N/A		
Operating Budget Impacts		
There will be two new pairs of bus stop locations along the project limits. Estimated annual cost, without knowing what type of stop it will be, is \$4000, beginning in 2019.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TD SE CONNECTOR FACILITIES

1112016

TA

Department	TRANSPORTATION
Council District(s)	8
Fund	3641 PUBLIC TRANS CONST-UNREST
Class Code	STANDALONE
Substantial Completion	
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$370,644	\$0	\$0	\$0	\$370,644
2 Preliminary Design	\$2,981	\$0	\$0	\$0	\$2,981
3 Final Design	\$299,439	(\$355)	\$0	\$0	\$299,084
4 Implementation	\$95,726	\$0	\$0	\$0	\$95,726
5 Closeout	\$367	(\$367)	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$769,157	(\$722)	\$0	\$0	\$768,435

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	(\$722)	\$0	\$0	(\$722)
Total Revenue	(\$722)	\$0	\$0	(\$722)

EXPENSE

TD SE CONNECTOR FACILITIES

1112016

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$370,644		\$0	\$0	\$0	\$370,644
2 Prelim Design	\$2,981		\$0	\$0	\$0	\$2,981
3 Final Design	\$299,084		\$0	\$0	\$0	\$299,084
4 Implementation	\$95,726		\$0	\$0	\$0	\$95,726
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$768,435		\$0	\$0	\$0	\$768,435

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$370,644	\$370,644	\$370,644
2 Preliminary Design	\$0	\$0	\$2,981	\$2,981	\$2,981
3 Final Design	\$0	\$0	\$299,084	\$299,439	\$299,084
4 Implementation	\$0	\$0	\$95,726	\$95,726	\$95,726
5 Closeout	\$0	\$0	\$0	\$367	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$768,435	\$769,157	\$768,435

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$355	(\$355)	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0
5 Closeout	\$367	(\$367)	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$722	(\$722)	\$0	\$0

NARRATIVES

TD SE CONNECTOR FACILITIES

1112016

Current Scope

Southeast Connector Facilities Project - The project is completed. Disappropriating remaining funds.

Project Justification

Budget Request Basis

Project Status

Alternatives Analysis

Funding and Revenue Discussion

Other Agency Involvement

Art Eligibility

Equity and Social Justice Impact

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	TD SE CONNECTOR FACILITIES	1112016
Strategic Climate Action Plan Alignment		
Operating Budget Impacts		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TDC 60 FT TROLLEY

1114074

Baseline Required

Department	TRANSPORTATION
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3641 PUBLIC TRANS CONST-UNREST
Class Code	STANDALONE
Substantial Completion	
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$253,841	\$0	\$0	\$0	\$253,841
2 Preliminary Design	\$5,631	\$0	\$0	\$0	\$5,631
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$101,472,241	\$0	\$0	\$0	\$101,472,241
5 Closeout	\$1	\$0	\$0	\$0	\$1
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$101,731,714	\$0	\$0	\$0	\$101,731,714

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$0	\$0	\$0	\$0
33118 - FED TRANSIT CAP INVEST	\$0	\$0	\$0	\$0
Total Revenue	\$0	\$0	\$0	\$0

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		TDC 60 FT TROLLEY					1114074
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense	
1 Planning	\$265,556	\$0	\$0	\$0	\$0	\$265,556	
2 Prelim Design	\$5,631	\$0	\$0	\$0	\$0	\$5,631	
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0	
4 Implementation	\$2,092,895	\$92,224,667	\$0	\$0	\$0	\$94,317,562	
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0	
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0	
Total Expense	\$2,364,082	\$92,224,667	\$0	\$0	\$0	\$94,588,749	

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$259,472	\$259,472	\$265,556	\$253,841	\$265,556
2 Preliminary Design	\$0	\$0	\$5,631	\$5,631	\$5,631
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$101,472,242	\$95,670,684	\$2,092,895	\$101,472,241	\$94,317,562
5 Closeout	\$50,000	\$50,000	\$0	\$1	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$101,781,714	\$95,980,156	\$2,364,082	\$101,731,714	\$94,588,749

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$11,715)	\$0	\$0	(\$11,715)
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$7,154,679	\$0	\$0	\$7,154,679
5 Closeout	\$1	\$0	\$0	\$1
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$7,142,965	\$0	\$0	\$7,142,965

NARRATIVES TDC 60 FT TROLLEY 1114074

Current Scope

60-Ft Trolley Purchase Project (Legacy Project) - For 2017-2018 and forward, revenue fleet purchases will be executed through newly created projects in the revenue fleet capital fund. During the 2017-2018 biennium, this project will be closed, and the remaining budget will be disappropriated.

Project Justification

This project provides for the replacement and expansion of revenue service buses. This supports the Transit goal of Financial Stewardship, and maintaining assets in a state of good repair. Bus replacement is based on the Fleet Plan, which is based on the service plan and the expected useful life of the asset. A low floor bus will also meet the Human Potential goals, by being easier for passengers in mobility aid devices (low floor buses use a ramp compared to the lift in the forward door on the present buses) to enter and exit the buses. The replacement of the existing high-floor electric trolley buses with low-floor electric trolley buses featuring batteries for off-wire travel, advances King County's commitment to zero-emission transit and contributes toward the Environmental Sustainability goal.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

TDC 60 FT TROLLEY

1114074

Budget Request Basis

No budget adjustments are requested at this time. Consistent with the Fund Management Policies for Public Transportation, revenue fleet appropriation will be migrated to new projects in a new Revenue Fleet Capital fund. Any appropriation remaining in this project at the end of 2016 will be disappropriated in the 2017/2018 biennium.

Project Status

As of April 25, 2016 a total of 30 of the 64 60-ft electric trolley buses have been delivered. Deliveries began in late 2015 and will continue through the end of 2016. Bus payments, post-delivery inspection costs, service preparation and commissioning costs, costs for training, technical publications and manuals, diagnostic equipment, special tools and project contingency will be incurred and paid during 2017. Project costs for the City of Seattle Madison BRT project will continue into 2018 and will include bus payments, post-delivery inspection costs, service preparation and commissioning costs, costs for training, technical publications and manuals, diagnostic equipment, special tools and project contingency.

Alternatives Analysis

King County Metro commissioned a study of alternatives to re-investment in trolleybuses that was completed in 2011. The Trolley Bus study concluded that electric trolley buses are the preferred technology due to environmental impact, life cycle cost and dedicated federal funding available for the existing fixed guide way routes. New trolleys have off-wire capabilities that enhance flexibility in operations allowing the trolley buses to move around obstructions or construction sites, and hence, reduce overall operating costs.

Not implementing the project would affect the safety of the old fleet of trolley buses due to excessive mileage and wear, and result in additional downtime due to the frequency and nature of maintenance required for these older, high mileage buses. The existing 60-ft electric trolley fleet is comprised of 1990-91 Breda buses that were converted from dual power (diesel and electric) to electric-only trolley buses from December 2004 through December 2007. Due to the age of these vehicles, spare parts are difficult to find in the marketplace.

Funding and Revenue Discussion

Federal grant funds support this project. Remaining funds come from the Public Transportation Fund, capital sub fund.

Other Agency Involvement

The San Francisco Municipal Transportation Agency (SFMTA) joined Metro Transit's electric trolley bus procurement project. Metro expanded bus option quantities to accommodate SFMTA's trolley bus fleet replacement needs. This partnership with SFMTA was made possible with the cooperation and support of the Federal Transit Administration (FTA) regional offices in Seattle and San Francisco along with FTA headquarters in Washington, DC. Metro and SFMTA executed their own separate contracts with New Flyer and neither agency is obligated by or dependent upon the other's contract. SFMTA contact is John Haley, Director of Transit.

Art Eligibility

Revenue vehicles are ineligible for the art program.

Equity and Social Justice Impact

The new 60ft trolley buses were designed and built with three doors and a passenger seating layout to enhance ingress and egress to enable Metro to carry more riders for each hour of service, and will help support the region's job growth and economic recovery. The trolley bus system operates in many neighborhoods throughout the City of Seattle, and serves many different demographics including socio-economic, race and income.

Strategic Climate Action Plan Alignment

N/A

Operating Budget Impacts

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TD 40 FT TROLLEY

1114075

Master Project, Baseline Required, Art Eligible

Department	TRANSPORTATION
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3641 PUBLIC TRANS CONST-UNREST
Class Code	TD 40 FT TROLLEY
Substantial Completion	
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$379,234	\$0	\$0	\$0	\$379,234
2 Preliminary Design	\$212,204	\$0	\$0	\$0	\$212,204
3 Final Design	\$437	\$0	\$0	\$0	\$437
4 Implementation	\$125,197,636	\$0	\$0	\$0	\$125,197,636
5 Closeout	\$34,188	\$0	\$0	\$0	\$34,188
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$125,823,699	\$0	\$0	\$0	\$125,823,699

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

EXPENSE TD 40 FT TROLLEY 1114075

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$377,729	\$0	\$0	\$0	\$0	\$377,729
2 Prelim Design	\$212,204	\$0	\$0	\$0	\$0	\$212,204
3 Final Design	\$1,102	\$0	\$0	\$0	\$0	\$1,102
4 Implementation	\$88,019,607	\$26,886,837	\$0	\$0	\$0	\$114,906,444
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$88,610,642	\$26,886,837	\$0	\$0	\$0	\$115,497,479

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$377,207	\$377,207	\$377,729	\$379,234	\$377,729
2 Preliminary Design	\$5,630	\$212,204	\$212,204	\$212,204	\$212,204
3 Final Design	\$0	\$1,102	\$1,102	\$437	\$1,102
4 Implementation	\$124,140,919	\$115,140,919	\$88,019,607	\$125,197,636	\$114,906,444
5 Closeout	\$34,188	\$34,188	\$0	\$34,188	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$124,557,944	\$115,765,620	\$88,610,642	\$125,823,699	\$115,497,479

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$1,505	\$0	\$0	\$1,505
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	(\$665)	\$0	\$0	(\$665)
4 Implementation	\$10,291,192	\$0	\$0	\$10,291,192
5 Closeout	\$34,188	\$0	\$0	\$34,188
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$10,326,220	\$0	\$0	\$10,326,220

NARRATIVES

TD 40 FT TROLLEY

1114075

Current Scope

40-Ft Trolley Program (Legacy Program) - For 2017-2018 and forward, revenue fleet purchases will be executed through newly created projects in the revenue fleet capital fund. During the 2017-2018 biennium, this project will be closed, and the remaining budget will be disappropriated.

Project Justification

Budget Request Basis

No budget adjustments are requested at this time. Consistent with the Fund Management Policies for Public Transportation, revenue fleet appropriation will be migrated to new projects in a new Revenue Fleet Capital fund. Any appropriation remaining in this project at the end of 2016 will be disappropriated in the 2017/2018 biennium.

Project Status

Alternatives Analysis

Funding and Revenue Discussion

Other Agency Involvement

Art Eligibility

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	TD 40 FT TROLLEY	1114075
Equity and Social Justice Impact		
Strategic Climate Action Plan Alignment		
Operating Budget Impacts		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TDC TRANSIT ASSET MAINT BUDGET

1115954

Master Project

Department	TRANSPORTATION
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3641 PUBLIC TRANS CONST-UNREST
Class Code	TDC TRANSIT ASSET MAINT BUDGET
Substantial Completion	
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$2,599,790	\$1,015,843	\$0	\$0	\$3,615,633
2 Preliminary Design	\$2,127,208	\$2,225,445	\$0	\$0	\$4,352,653
3 Final Design	\$8,120,722	\$1,944,425	\$0	\$0	\$10,065,147
4 Implementation	\$112,467,982	(\$30,570,662)	\$0	\$0	\$81,897,320
5 Closeout	\$208,234	\$166,230	\$0	\$0	\$374,464
6 Acquisition	\$560	\$2	\$0	\$0	\$562
Total Budget	\$125,524,496	(\$25,218,717)	\$0	\$0	\$100,305,779

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	(\$25,218,717)	\$0	\$0	(\$25,218,717)
Total Revenue	(\$25,218,717)	\$0	\$0	(\$25,218,717)

EXPENSE

TDC TRANSIT ASSET MAINT BUDGET

1115954

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$6,043,594	\$0	\$0	\$0	\$6,043,594
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$0	\$6,043,594	\$0	\$0	\$0	\$6,043,594

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$2,599,790	\$0
2 Preliminary Design	\$0	\$0	\$0	\$2,127,208	\$0
3 Final Design	\$0	\$0	\$0	\$8,120,722	\$0
4 Implementation	\$0	\$0	\$0	\$112,467,982	\$6,043,594
5 Closeout	\$0	\$0	\$0	\$208,234	\$0
6 Acquisition	\$0	\$0	\$0	\$560	\$0
Total	\$0	\$0	\$0	\$125,524,496	\$6,043,594

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$2,599,790	\$1,015,843	\$0	\$3,615,633
2 Preliminary Design	\$2,127,208	\$2,225,445	\$0	\$4,352,653
3 Final Design	\$8,120,722	\$1,944,425	\$0	\$10,065,147
4 Implementation	\$106,424,388	(\$30,570,662)	\$0	\$75,853,726
5 Closeout	\$208,234	\$166,230	\$0	\$374,464
6 Acquisition	\$560	\$2	\$0	\$562
Total	\$119,480,902	(\$25,218,717)	\$0	\$94,262,185

NARRATIVES

TDC TRANSIT ASSET MAINT BUDGET

1115954

Current Scope

Transit Asset Maintenance Program (TAMP) Budget - This is a master project that holds Transits' TAMP budget through the end of 2016. For the 2017-2018 budget cycle (and forward), Transit is splitting its asset maintenance program into five separate master projects to address auditor recommendations, to better align the program's structure with anticipated Federal Transit Authority (FTA) State of Good Repair (SGR) guidelines, and to increase transparency. The newly created projects are:

- 1129626 INFRASTRUCTURE ASSET MGMT
- 1129627 SITE ASSET MGMT
- 1129628 BUILDING ASSET MGMT
- 1129629 EQUIPMENT ASSET MGMT
- 1129630 STATE OF GOOD REPAIR (SGR) MGMT

Project Justification

Budget Request Basis

Project Status

Alternatives Analysis

Funding and Revenue Discussion

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	TDC TRANSIT ASSET MAINT BUDGET	1115954
Other Agency Involvement		
Art Eligibility		
Equity and Social Justice Impact		
Strategic Climate Action Plan Alignment		
Operating Budget Impacts		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TD IS PRESERVATION BUDGET

1116014

Master Project

Department	TRANSPORTATION
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3641 PUBLIC TRANS CONST-UNREST
Class Code	TD IS PRESERVATION BUDGET
Substantial Completion	
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$343,783	\$19,361	\$0	\$0	\$363,144
2 Preliminary Design	\$48,441	\$0	\$0	\$0	\$48,441
3 Final Design	\$811,052	(\$85,937)	\$0	\$0	\$725,115
4 Implementation	\$6,330,886	\$77,412	\$82,056	\$0	\$6,490,354
5 Closeout	\$1,302	\$6,648	\$0	\$0	\$7,950
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$7,535,464	\$17,484	\$82,056	\$0	\$7,635,004

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$17,484	\$82,056	\$0	\$99,540
Total Revenue	\$17,484	\$82,056	\$0	\$99,540

EXPENSE TD IS PRESERVATION BUDGET 1116014

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$309,005	\$54,139	\$0	\$0	\$0	\$363,144
2 Prelim Design	\$48,441	\$0	\$0	\$0	\$0	\$48,441
3 Final Design	\$720,115	\$5,000	\$0	\$0	\$0	\$725,115
4 Implementation	\$4,992,587	\$846,150	\$361,618	\$290,000	\$0	\$6,490,355
5 Closeout	\$1,302	\$0	\$6,648	\$0	\$0	\$7,950
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$6,071,449	\$905,289	\$368,266	\$290,000	\$0	\$7,635,004

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$309,005	\$343,783	\$363,144
2 Preliminary Design	\$0	\$0	\$48,441	\$48,441	\$48,441
3 Final Design	\$0	\$0	\$720,115	\$811,052	\$725,115
4 Implementation	\$0	\$0	\$4,992,587	\$6,330,886	\$5,838,737
5 Closeout	\$0	\$0	\$1,302	\$1,302	\$1,302
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$6,071,450	\$7,535,464	\$6,976,739

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$19,361)	\$19,361	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$85,937	(\$85,937)	\$0	\$0
4 Implementation	\$492,149	\$77,412	\$361,618	\$207,943
5 Closeout	\$1	\$6,648	\$6,648	\$1
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$558,726	\$17,484	\$368,266	\$207,944

NARRATIVES

TD IS PRESERVATION BUDGET

1116014

Current Scope

Information Systems Preservation Budget Project - The project funds replacements and upgrades of database, file, and application servers; applications and operating systems; backup and storage devices; and switches and other LAN equipment. This project is replacing Transit information equipment and systems that are currently in use and that face failure due to their age and changes in business requirements that are not covered by KCIT or that require capital funds for modernization/life cycle costing.

Project Justification

The purpose of the Information Systems (IS) Preservation Program is to provide replacement capital funding for Transit's information systems infrastructure. The program's goal is to keep information systems operating at the service levels required to meet current business needs. The primary service level criteria are capacity (storage, network connectivity), performance (memory and processing power), supportability (both hardware and software) and business continuity (also both hardware and software). The project is key to the continued smooth operation of Transit's core business systems.

Budget Request Basis

The amount requested was determined by evaluating each sub-project within the IS Preservation project. Project delays have caused cost increases due to, in part, changing staff and KCIT rates.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

TD IS PRESERVATION BUDGET

1116014

Project Status

Vanpool Information System Modernization

This project is currently on-hold pending resource availability. In addition, a Supplemental Budget request was submitted for 2016 to increase project funds.

Power and Facilities Timekeeping via EAM

This project is in the requirements gathering phase. This process has uncovered that the requirements do not match the project as currently scoped. When requirements are completed, the project will be closed and new project requested to satisfy the project requirements.

Vehicle Maintenance Dispatch

This project is currently on-hold pending resource availability. In addition, the 2017/2018 budget includes an increase due to the following factors:

1. Revised KCIT hours for six interfaces (no APIs or data dictionaries vendor)
2. Revised KCIT rate to current
3. Added 1 month for project restart (project currently on hold)
4. Revised SDO PM hours to 16 hours a week
5. Increased contingency from 10% to 20%.

Funds for Modernization Efforts

Funds will be used to support individual capital purchases for modernization and life cycle efforts as identified in concert with KCIT.

Alternatives Analysis

Application replacement is based on existing systems and functionality, with an effort toward consolidation and use of off the shelf software.

Funding and Revenue Discussion

This project is funded by the Public Transportation Fund, capital sub fund.

Other Agency Involvement

Art Eligibility

Project not visible to public.

Equity and Social Justice Impact

N/A

Strategic Climate Action Plan Alignment

N/A

Operating Budget Impacts

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TD TOH, SHELTER, EQUIP BUDGET

1116015

Master Project

Department	TRANSPORTATION
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3641 PUBLIC TRANS CONST-UNREST
Class Code	TD TOH, SHELTER, EQUIP BUDGET
Substantial Completion	
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$12,852	\$26,035	\$0	\$0	\$38,887
2 Preliminary Design	\$1,525	\$1,159	\$0	\$0	\$2,684
3 Final Design	\$66,629	\$0	\$0	\$0	\$66,629
4 Implementation	\$15,243,483	\$7,429,485	\$9,514,658	\$10,192,340	\$42,379,966
5 Closeout	\$1	\$0	\$0	\$0	\$1
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$15,324,491	\$7,456,679	\$9,514,658	\$10,192,340	\$42,488,168

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$6,656,679	\$7,914,658	\$10,192,340	\$24,763,677
33118 - FED TRANSIT CAP INVEST	\$800,000	\$1,600,000	\$0	\$2,400,000
Total Revenue	\$7,456,679	\$9,514,658	\$10,192,340	\$27,163,677

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		TD TOH, SHELTER, EQUIP BUDGET				1116015
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$38,887		\$0	\$0	\$0	\$38,887
2 Prelim Design	\$2,684		\$0	\$0	\$0	\$2,684
3 Final Design	\$66,629		\$0	\$0	\$0	\$66,629
4 Implementation	\$9,743,239	\$3,219,917	\$9,709,813	\$9,514,658	\$10,192,340	\$42,379,968
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$9,851,439	\$3,219,917	\$9,709,813	\$9,514,658	\$10,192,340	\$42,488,167

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$38,887	\$12,852	\$38,887
2 Preliminary Design	\$0	\$0	\$2,684	\$1,525	\$2,684
3 Final Design	\$0	\$0	\$66,629	\$66,629	\$66,629
4 Implementation	\$0	\$0	\$9,743,239	\$15,243,483	\$12,963,156
5 Closeout	\$0	\$0	\$0	\$1	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$9,851,439	\$15,324,490	\$13,071,356

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$26,035)	\$26,035	\$0	\$0
2 Preliminary Design	(\$1,159)	\$1,159	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$2,280,327	\$7,429,485	\$9,709,813	(\$1)
5 Closeout	\$1	\$0	\$0	\$1
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$2,253,134	\$7,456,679	\$9,709,813	\$0

NARRATIVES TD TOH, SHELTER, EQUIP BUDGET 1116015

Current Scope

Trolley Overhead, Shelter, and Equipment Replacement Budget Program - The Trolley Poles and Switches, Shelter, and Equipment Replacement program consists of four subprojects with annual routine asset replacements:

- Trolley switches - 5-15 intersection electrical hardware annually.
- Trolley poles (including mast arms) - 100-120 wood poles annually.
- Bus stop shelter refurbishment - 140-160 shelters annually.
- Equipment replacement - \$800,000 to \$900,000 of shop, field, grounds, power, and custodial equipment annually.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

TD TOH, SHELTER, EQUIP BUDGET

1116015

Project Justification

The State of Good Repair principle requires capital assets are maintained or replaced in a manner that supports efficient, effective and safe service delivery. Under the four subprojects:

Trolley poles and switches – these are part of the electric trolleybus infrastructure servicing the system in the City of Seattle. The system presently has 4,731 wood poles and 400 switches in service. The lifecycle of wood poles are 15 years, switches are 10 years. Based on aged and/or condition poles and switches are replaced to avoid disruptions in service and prevent safety hazards in the public right-of-way. Bus shelters have a lifecycle of 10 years, depending on the use (ridership) in the area where shelters are located. Refurbishment work on any shelter can involve component repairs and replacements, repaint, new roof standards, built-in lighting upgrades, panel upgrades, and specialized installments such as public art and Metro's Rapid Ride shelters that have more electrical and electronic systems. Transit has 1,800 bus shelters located throughout King County. Aged and/or deteriorating shelter conditions are removed, refurbished and reinstalled annually to maintain pleasant, safe and "good image" environments for transit riders.

The routine replacement schedule for trolley poles and switches, and shelters excludes damage caused by vehicular accidents, major vandalism, fire and other incidents beyond wear-and-tear conditions.

Equipment replaced in this program typically does not involve major changes in building systems to function as intended to maintain buses, buildings, sites and support work practices. The lifecycle of equipment varies depending on the use and purpose. Replacement criteria are condition (poor to inoperable), age, depreciated value at or near zero, repair costs would exceed cost to buy new, or premature failure.

A special project to replace steel poles along the University Bridge was initiated in 2016, prompted by the failure of two poles that support the trolley overhead. A subsequent evaluation of all 32 poles on the bridge found other deficiencies. Since the bridge (and the foundations for the poles within) is owned by the City of Seattle and a historic landmark, this work requires coordination and agreements with the City. The goal for Transit and the City is to replace all 32 steel poles to avoid service disruption on the Route 70 and prevent safety hazards to the public right-of-way. Funding for this project continues in 2017-18.

Budget Request Basis

The 2017-18 budget is based on past years' expense trend, averaging \$2.5 to \$3.8 million per year. This spending rate is fairly consistent, except for a reduction in Shelter Refurbishment in 2014 due to resources redirected to Rapid Ride shelter installations. The opposite will apply to the next biennium due to upgrades in technology of the Rapid Ride shelters and a move to add or upgrade lighting at shelter locations for rider safety. Funding for replacing trolley poles on University Bridge continues in 2017-18.

Project Status

In 2015, 88 poles and 14 switches were replaced, and 188 bus shelters refurbished. As of April 2016, cash flow for the Program is at 51% of planned but work will accelerate during the summer and fall months. The University Bridge Pole Replacement Project is delayed due to the City's DOT work schedule to develop the project work agreement with Metro.

Alternatives Analysis

Funding and Revenue Discussion

Other Agency Involvement

Art Eligibility

N/A

Equity and Social Justice Impact

The trolley pole and switch replacements are part of the support infrastructure powering the electric trolleybus service that operates throughout the City of Seattle, and particularly in low-income, communities of color and limited English speaking areas.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

TD TOH, SHELTER, EQUIP BUDGET

1116015

Strategic Climate Action Plan Alignment

The trolley overhead system supports the climate action plan because it provides power to the zero emission fleet operated within the City of Seattle. The timely replacement of poles and switches allows the system to operate in a state of good repair. Where feasible, old capital equipment is replaced by more energy efficient models to save energy. In 2015, Transit upgraded to energy efficient parts washers, steamers and air compressors at a number of locations.

Operating Budget Impacts

There are no new or increased operating costs associated with these program subprojects.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TD CAPITAL OUTLAY BUDGET

1116036

Master Project

Department	TRANSPORTATION
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3641 PUBLIC TRANS CONST-UNREST
Class Code	TD CAPITAL OUTLAY BUDGET
Substantial Completion	
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$88,483	\$0	\$0	\$0	\$88,483
2 Preliminary Design	\$3,607	\$0	\$0	\$0	\$3,607
3 Final Design	\$98,443	\$0	\$0	\$0	\$98,443
4 Implementation	\$11,097,050	\$1,482,979	\$407,000	\$435,000	\$13,422,029
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$11,287,583	\$1,482,979	\$407,000	\$435,000	\$13,612,562

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$1,482,979	\$407,000	\$435,000	\$2,324,979
Total Revenue	\$1,482,979	\$407,000	\$435,000	\$2,324,979

EXPENSE TD CAPITAL OUTLAY BUDGET 1116036

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$88,483		\$0	\$0	\$0	\$88,483
2 Prelim Design	\$3,607		\$0	\$0	\$0	\$3,607
3 Final Design	\$98,443		\$0	\$0	\$0	\$98,443
4 Implementation	\$10,511,559	\$402,160	\$1,666,310	\$401,956	\$430,586	\$13,412,571
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$10,702,092	\$402,160	\$1,666,310	\$401,956	\$430,586	\$13,603,104

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$88,483	\$88,483	\$88,483
2 Preliminary Design	\$0	\$0	\$3,607	\$3,607	\$3,607
3 Final Design	\$0	\$0	\$98,443	\$98,443	\$98,443
4 Implementation	\$0	\$0	\$10,511,559	\$11,097,050	\$10,913,719
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$10,702,092	\$11,287,583	\$11,104,252

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$183,331	\$1,482,979	\$1,666,310	\$1
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$183,331	\$1,482,979	\$1,666,310	\$1

NARRATIVES

TD CAPITAL OUTLAY BUDGET

1116036

Current Scope

Capital Outlay Budget Project - The Capital Outlay project provides for the purchase of new equipment that is not associated with other capital projects. Requests are submitted from sections within the Transit Division and DOT Administration for new equipment and tools that meet King County's current capital asset definition. Only items that have been approved by the Capital Program Review Committee may be purchased. These assets then become part of the fixed asset base of the Public Transportation Fund and are replaced through one of the asset management projects.

Project Justification

Capital items requested must meet the base criteria of providing safety improvements, cost saving efficiencies, increased productivity, service quality, security enhancement or meet new business needs. The Capital Project Review Committee within the Transit Division assesses these qualities and the proposed need before giving approval to purchase.

Budget Request Basis

During the budgeting process, requests for new equipment were received from various Transit sections. Cost estimates of these pieces of equipment form the basis of the 2017/2018 funding request.

Project Status

Capital Outlay is an ongoing program for the acquisition of new fixed assets for the Transit Division and the Department of Transportation Director's Office.

Alternatives Analysis

The alternatives are evaluated when a request for a new asset is submitted.

Funding and Revenue Discussion

The program is primarily funded by the Public Transportation Fund, capital sub fund. In some cases, initiatives are funded by external sources.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	TD CAPITAL OUTLAY BUDGET	1116036
Other Agency Involvement		
No other agencies are involved in this project.		
Art Eligibility		
Equipment purchases are not eligible for art contributions.		
Equity and Social Justice Impact		
N/A		
Strategic Climate Action Plan Alignment		
N/A		
Operating Budget Impacts		
The operating impact of each purchase is reviewed as part of the approval process.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TD NORTHGATE TOD BUDGET

1116057

Master Project, Art Eligible

Department	TRANSPORTATION
Council District(s)	1
Fund	3641 PUBLIC TRANS CONST-UNREST
Class Code	TD NORTHGATE TOD BUDGET
Substantial Completion	12/31/2022
Location	Northgate area in Seattle.
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$602,651	\$90,209	\$0	\$0	\$692,860
2 Preliminary Design	\$569,561	\$1,332,535	\$588,379	\$0	\$2,490,475
3 Final Design	\$937,853	(\$182,515)	\$441,205	\$0	\$1,196,543
4 Implementation	\$371,703	\$6,845,918	\$1,122,201	\$2,674,195	\$11,014,017
5 Closeout	\$0	\$7,038	\$0	\$203,956	\$210,994
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$2,481,768	\$8,093,185	\$2,151,785	\$2,878,151	\$15,604,890

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$80,130	\$21,305	\$28,497	\$129,932

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	(\$11,821,471)	\$2,151,785	(\$16,642,285)	(\$26,311,971)
39512 - SALE OF LAND	\$19,914,656	\$0	\$19,520,437	\$39,435,093
Total Revenue	\$8,093,185	\$2,151,785	\$2,878,152	\$13,123,122

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		TD NORTHGATE TOD BUDGET				1116057
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$618,579		\$74,281	\$0	\$0	\$692,860
2 Prelim Design	\$482,312	\$909,934	\$509,851	\$588,379	\$0	\$2,490,476
3 Final Design	\$35,902	\$146,446	\$572,990	\$441,205	\$0	\$1,196,543
4 Implementation	\$4,834		\$6,805,627	\$1,529,361	\$2,674,196	\$11,014,018
5 Closeout	\$0		\$7,038	\$0	\$203,956	\$210,994
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$1,141,626	\$1,056,380	\$7,969,787	\$2,558,945	\$2,878,152	\$15,604,890

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$618,579	\$602,651	\$618,579
2 Preliminary Design	\$0	\$0	\$482,312	\$569,561	\$1,392,246
3 Final Design	\$0	\$0	\$35,902	\$937,853	\$182,348
4 Implementation	\$0	\$0	\$4,834	\$371,703	\$4,834
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$1,141,627	\$2,481,768	\$2,198,007

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$15,928)	\$90,209	\$74,281	\$0
2 Preliminary Design	(\$822,685)	\$1,332,535	\$509,851	(\$1)
3 Final Design	\$755,505	(\$182,515)	\$572,990	\$0
4 Implementation	\$366,869	\$6,845,918	\$6,805,627	\$407,160
5 Closeout	\$0	\$7,038	\$7,038	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$283,761	\$8,093,185	\$7,969,787	\$407,159

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

TD NORTHGATE TOD BUDGET

1116057

Current Scope

Northgate Transit Oriented Development (TOD) Project - The Northgate TOD project involves four major elements: (1) design and construction of a new transit facility integrated with Sound Transit's (ST) Northgate Link light rail station, (2) demolition of the existing facility, (3) coordination and implementation of TOD, and (4) integration of the first three elements with non-motorized improvements planned for the station area.

The main Transit project is relocation of the Transit center, which includes the Transit center for passenger loading, bus layover, and transit roadway. The Transit Center is to be integrated with the ST's Link Light rail station. It is envisioned that ST will design and construct both their rail station and the Transit center and that Transit will pay ST for the Transit center work. The parties are working on a formal agreement on design, construction, and operations and maintenance. The Transit center design is underway. The Transit center construction is forecast to occur in 2020. Transit staff will be involved in planning, design development, and reviews of the integrated Transit center and light rail station. Related tasks include negotiation of property transactions with ST and WSDOT regarding the rail station and bus layover. In addition, Transit staff will be involved in design and construction of the transit roadway, as well as permit acquisition from the City of Seattle.

The TOD project will redevelop the parcels to the east of the Link station and transit street, which includes open space and possible street improvements. Development of the parcels is likely to be guided by an agreement between the City of Seattle and King County. The content of this agreement is under discussion by the parties.

The non-motorized Improvements project is a City of Seattle project to develop bicycle and pedestrian improvements in the Northgate area to improve connections to the new Link light rail station. The project includes the proposed pedestrian/bike bridge over I-5 and connections to the east of the station. Transit staff will be involved in design reviews to ensure integration with the transit facilities and TOD.

The Transit center demolition project will consist of decommissioning the existing Northgate Transit Center as necessary after the new Northgate Station/Transit Center begins operation but prior to redevelopment of the property as a TOD. This is expected to occur in late 2021.

Project Justification

Sound Transit's Link extension to Northgate is initiating the review and redevelopment of Metro's existing Northgate Transit Center and Park and Ride properties. The project supports the Transit goal of Economic Growth and Built Environment and Transit Strategy 3.3.1: Encourage land use, policies and development that lead to communities that transit can serve efficiently and effectively. Planning and feasibility studies conducted for the Northgate TOD site are directed toward accomplishing the goals of increased transit ridership, net positive return on transit assets, and the broader growth management goals of jobs/housing balance and greenhouse gas reduction.

The risk of not implementing the project is inefficient land use resulting in development sprawl and increased traffic on major travel corridors producing increased negative environmental impacts.

Budget Request Basis

Budget is requested for integration of the Northgate Transit Center with Sound Transit's Link light rail station, including costs for: negotiations, approval, execution and implementation of the temporary construction easements and property sale transaction to Sound Transit for the elevated rail station and guide way; ensuring integration with the City of Seattle's Northgate Pedestrian negotiations, approval, execution and implementation of the design and construction agreement with Sound Transit for integration of the real-time bus information signs infrastructure, the new transit roadway abutting the east edge of the bus passenger loading (transit center) island, and the bus layover facility across the street from the transit center island.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

TD NORTHGATE TOD BUDGET

1116057

Project Status

The project is currently in the planning and design phases. The rail station and transit center integration element is currently in the design phase by Sound Transit. The TOD element is currently in the planning phase.

The following work was accomplished in 2015:

- Metro and Sound Transit continued to coordinate design integration of the transit center and Link station, and maintenance of transit-related parking needs with station construction. Sound Transit's design of the station/transit center is approximately 95% complete. Construction by Sound Transit began on advanced utility relocations in the vicinity.
- Metro began negotiations with Sound Transit on easements and land sales.
- Metro staff began to coordinate integration of the transit center and the bus layover facility with the City on the non-motorized elements, specifically, the pedestrian/bike bridge over I-5 and the protected bike lanes on First Ave NE.
- Metro staff initiated market analysis and definition of the affordable housing component of the proposed TOD mixed use development.

During 2016, the following is forecast to be completed on the project:

- Metro and Sound Transit will continue to coordinate design integration of the transit center and Link station, and maintenance of transit-related parking needs with station construction. Construction by Sound Transit is forecast to begin on the light rail elevated guide way and station.
- Negotiations with Sound Transit are forecast to conclude on easements and land sales. An ordinance for land sales is expected to be submitted to the King County Council accompanied by an interlocal agreement specifying future responsibilities.
- Negotiations with the Washington State Department of Transportation are forecast to begin on an air space lease for the proposed bus layover facility.
- Coordination with the City on the non-motorized element is expected to continue.
- A RFP for TOD mixed use development, including market rate and affordable housing, is forecast to be issued late in the year.

During 2017 and 2018, staff and consultants will continue to coordinate with Sound Transit and the City of Seattle on elements of the Northgate TOD project. An ordinance for land sales will be submitted to the King County Council in 2016 along with an interlocal agreement specifying future responsibilities.

Alternatives Analysis

The Transit Station concept was developed through extensive coordination between King County Metro, Sound Transit and the City of Seattle. During that evaluation, other options were considered and rejected by the parties.

The TOD performance requirements are still being considered.

Funding and Revenue Discussion

Other Agency Involvement

Other agencies involved in the current planning effort include Sound Transit, SDOT, and Seattle Department of Planning & Development, Public Health Seattle King County, Puget Sound Regional Council and WSDOT.

Agency Contact Phone Email

City of Seattle, DOT Michael James 206-386-4012 michael.james2@seattle.gov

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Sound Transit Ron Endlich 206-398-5141 ron.endlich@soundtransit.org

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Public Health - Seattle & King County Julie West 206-263-8530 julie.west@kingcounty.gov

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	TD NORTHGATE TOD BUDGET	1116057
Art Eligibility		
The near term elements are not eligible for art contribution since they are grant funded for predesign/design. Future project elements that result from the predesign effort may include an art contribution which will be identified as the element concepts are developed and as funding details between KC and ST are finalized.		
Equity and Social Justice Impact		
The TOD element (i.e. subproject), like other TOD projects, will include a significant affordable housing element. The quantity/percentage of affordable housing has not been determined yet.		
Strategic Climate Action Plan Alignment		
Components of the integrated rail/transit center, including bus layover facility that will be funded by King County will be required to comply with King County's Green Building Ordinance. TOD project will include energy efficiency and green building elements in the buildings as required by the Green Building Ordinance.		
Operating Budget Impacts		
Future operating impacts are unknown at this time. King County Metro Transit and Sound Transit will negotiate an Operations and Maintenance agreement for the Transit facilities at Northgate.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TD OP FACILITY IMP BUDGET

1116071

Master Project

Department	TRANSPORTATION
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3641 PUBLIC TRANS CONST-UNREST
Class Code	TD OP FACILITY IMP BUDGET
Substantial Completion	
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$2,448,372	\$119,352	\$59,080	\$63,289	\$2,690,093
2 Preliminary Design	\$626,306	\$625,365	\$0	\$0	\$1,251,671
3 Final Design	\$1,242,860	\$1,417,910	\$0	\$0	\$2,660,770
4 Implementation	\$9,743,353	\$429,869	\$4,125,536	\$1,837,897	\$16,136,655
5 Closeout	\$33,148	\$177,592	\$0	\$0	\$210,740
6 Acquisition	\$2,319	\$0	\$0	\$0	\$2,319
Total Budget	\$14,096,358	\$2,770,088	\$4,184,616	\$1,901,186	\$22,952,248

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$2,770,088	\$4,184,616	\$1,901,186	\$8,855,890
Total Revenue	\$2,770,088	\$4,184,616	\$1,901,186	\$8,855,890

EXPENSE TD OP FACILITY IMP BUDGET 1116071

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$2,486,385	\$26,186	\$55,153	\$59,080	\$63,289	\$2,690,093
2 Prelim Design	\$1,077,154	\$123,969	\$50,547	\$0	\$0	\$1,251,670
3 Final Design	\$1,843,359	\$574,997	\$242,415	\$0	\$0	\$2,660,771
4 Implementation	\$4,134,911	\$1,197,368	\$4,840,943	\$4,125,536	\$1,837,897	\$16,136,655
5 Closeout	\$77,640	\$21,814	\$111,286	\$0	\$0	\$210,740
6 Acquisition	\$2,319		\$0	\$0	\$0	\$2,319
Total Expense	\$9,621,767	\$1,944,334	\$5,300,344	\$4,184,616	\$1,901,186	\$22,952,247

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$2,486,385	\$2,448,372	\$2,512,571
2 Preliminary Design	\$0	\$0	\$1,077,154	\$626,306	\$1,201,123
3 Final Design	\$0	\$0	\$1,843,359	\$1,242,860	\$2,418,356
4 Implementation	\$0	\$0	\$4,134,911	\$9,743,353	\$5,332,279
5 Closeout	\$0	\$0	\$77,640	\$33,148	\$99,454
6 Acquisition	\$0	\$0	\$2,319	\$2,319	\$2,319
Total	\$0	\$0	\$9,621,768	\$14,096,358	\$11,566,102

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$64,199)	\$119,352	\$55,153	\$0
2 Preliminary Design	(\$574,817)	\$625,365	\$50,547	\$1
3 Final Design	(\$1,175,496)	\$1,417,910	\$242,415	(\$1)
4 Implementation	\$4,411,074	\$429,869	\$4,840,943	\$0
5 Closeout	(\$66,306)	\$177,592	\$111,286	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$2,530,256	\$2,770,088	\$5,300,344	\$0

NARRATIVES

TD OP FACILITY IMP BUDGET

1116071

Current Scope

Operating Facilities Improvement Program - The Operating Facilities Improvements program supports transit operations and maintenance by adding new assets or by extending the lives of existing assets. Improvements are justified by changes in business practices, technology, regulations, etc. The program targets transit operating facilities (bases, maintenance, and support) and, in certain cases, passenger facilities and employee work environments.

Project Justification

The Program addresses three Transit strategic goals: 1) Employee safety and security; 2) sustainability and 3) financial stewardship. The types of projects that are within the scope of this master project are, for example, tenant improvements, facility security, energy reduction, facility and equipment modifications related to new bus fleets and regulatory requirements. Approved projects strive to meet "State of Good Repair" principles.

This Program is the only capital fixed asset program that responds to new asset additions due to changes in business practices, technology or new regulations. Past examples are new lifts at VM bases to enable effective and safe handling of hybrid bus batteries, new storm water filtering system to remedy higher Department of Energy regulations, new security systems at key facilities, new fuel additive dispensing system at VM bases as required by new fleet engines, to name a few.

Providing funds for this work enables Transit to advance small scope projects in a timely manner. Transit risks not being able to respond in a timely manner to near term or critical needs, the latest example of needing additional fall protection devices at transit bases due to a more expansive hybrid fleet assigned to all bases by 2018.

This Program addresses two of the three County Strategic Initiatives:

1. Strategic Climate Action Plan – by initiating projects that reduce energy use and bus emissions, modifying building systems to operate more efficiently.
2. Best Run Government – by initiating projects that have been evaluated and prioritized for the Transit Division to support service delivery following capital project management standards.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	TD OP FACILITY IMP BUDGET	1116071
Budget Request Basis		
<p>Changes in current projects: An additional \$90,062 of project costs is being adjusted through cash flow extension or through use of contingency. However, one project underspent by \$152,524 totaling net underspending of \$62,462 for 2016. Total program cost for current projects is about \$1.1M less than the authorized budget for 2015-16.</p> <p>New projects: These are projects that address one or more strategic initiatives and goals – Make the system and employees safe, make Metro a great place to work, and deliver great service. Most costs estimates are based on historical data, and adjusted for today's dollars. For instance, a third round to install fall protection is cost estimated based upon the last 2012 project.</p>		
Project Status		
<p>Of eight current projects (excepting Program administration where the annual budget is renewed), three were completed by 2015, two are planned to be completed by end of 2016, and three will continue to the next biennium.</p>		
Alternatives Analysis		
<p>Individual projects undertake alternative analysis, a project milestone recognized by County capital projects, during the predesign phase.</p>		
Funding and Revenue Discussion		
<p>The Public Transportation Fund, capital sub-fund</p>		
Other Agency Involvement		
<p>N/A</p>		
Art Eligibility		
<p>N/A</p>		
Equity and Social Justice Impact		
<p>Projects in this Program do not have a direct impact on equity and social justice. However, many of these projects support service delivery to underserved areas.</p>		
Strategic Climate Action Plan Alignment		
<p>Per the County's Green Building Ordinance, every project is required to report on sustainability at 30% predesign and at substantial completion. The electrical outlet additions at East, Atlantic and North bases will eliminate bus idling during interior cleanings, thereby reducing emissions (greenhouse gases). The natural gas sub-meters will allow building by building and system by system energy monitoring. Such data will help develop implementation plans to reduce energy use.</p>		
Operating Budget Impacts		
<p>Additions and modifications (expansion, remodels) to extend asset lives can increase operating budgets due to more assets needing to be maintained. Conversely, the impact on the operating budget can be decreased due to replacing assets with newer and more efficient systems.</p> <p>Of the completed projects, additional assets (fall protection, DEF, security controls) increased the operating budget slightly because like-assets were already in place. There are no impacts to the operating budget for the storm water vault maintenance at North Base.</p>		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TD BUS ZONE SAFETY BUDGET

1116072

Master Project, Art Eligible

Department	TRANSPORTATION
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3641 PUBLIC TRANS CONST-UNREST
Class Code	TD BUS ZONE SAFETY BUDGET
Substantial Completion	
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$440,521	\$35,293	\$169,401	\$186,765	\$831,980
2 Preliminary Design	\$453,335	\$355,284	\$408,136	\$449,971	\$1,666,726
3 Final Design	\$1,824,667	\$719,253	\$408,136	\$449,971	\$3,402,027
4 Implementation	\$3,017,457	\$1,004,471	\$1,236,355	\$1,363,078	\$6,621,361
5 Closeout	\$209,371	\$6,697	\$169,401	\$186,765	\$572,234
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$5,945,351	\$2,120,998	\$2,391,429	\$2,636,550	\$13,094,328

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$21,000	\$23,678	\$26,104	\$70,782

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$2,120,998	\$2,391,429	\$2,636,550	\$7,148,977
Total Revenue	\$2,120,998	\$2,391,429	\$2,636,550	\$7,148,977

EXPENSE TD BUS ZONE SAFETY BUDGET 1116072

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$270,713	\$49,994	\$155,107	\$169,401	\$186,765	\$831,980
2 Prelim Design	\$385,992	\$48,928	\$373,698	\$408,136	\$449,971	\$1,666,725
3 Final Design	\$2,028,799	\$141,422	\$373,698	\$408,136	\$449,971	\$3,402,026
4 Implementation	\$2,604,279	\$354,261	\$1,063,390	\$1,236,354	\$1,363,078	\$6,621,362
5 Closeout	\$10,966	\$49,995	\$155,107	\$169,401	\$186,765	\$572,234
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$5,300,750	\$644,600	\$2,121,000	\$2,391,428	\$2,636,550	\$13,094,328

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$270,713	\$440,521	\$320,707
2 Preliminary Design	\$0	\$0	\$385,992	\$453,335	\$434,920
3 Final Design	\$0	\$0	\$2,028,799	\$1,824,667	\$2,170,221
4 Implementation	\$0	\$0	\$2,604,279	\$3,017,457	\$2,958,540
5 Closeout	\$0	\$0	\$10,966	\$209,371	\$60,961
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$5,300,749	\$5,945,351	\$5,945,349

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$119,814	\$35,293	\$155,107	\$0
2 Preliminary Design	\$18,415	\$355,284	\$373,698	\$1
3 Final Design	(\$345,555)	\$719,253	\$373,698	\$0
4 Implementation	\$58,917	\$1,004,471	\$1,063,390	(\$2)
5 Closeout	\$148,410	\$6,697	\$155,107	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$1	\$2,120,998	\$2,121,000	(\$1)

NARRATIVES

TD BUS ZONE SAFETY BUDGET

1116072

Current Scope

Bus Zone Safety Budget Project - The Bus Zone Safety and Access program makes improvements to bus stops throughout King County. Specifically, this appropriation makes improvements within the Americans with Disabilities Act (ADA) guidelines at bus stops as well as improvements that address safety, comfort, and accessibility. Through the construction of landing pads, pedestrian pathways, increased curb heights, and curb ramps, physical obstructions to transit services are removed and bus stops are identified as ADA accessible. These improvements increase the accessibility of bus stops for customers with disabilities while meeting the federal requirements of the ADA. In addition, the comfort of transit customers, with increased emphasis for senior and disabled passenger needs, will continue to be addressed through the installation of stand-alone benches, railings, and curb-cuts.

This appropriation also strives to improve the accessibility and transfer environment between ACCESS vans and regular fixed route service and to enhance the transit passenger's ease of use of each bus stop.

Project Justification

This appropriation works along a programmatic premise with the goal to complete 45 bus stop improvements each year. Additionally, this program strives to install stand-alone benches and railings at bus stops as needed or in conjunction with other bus stop improvements. These projects are prioritized by location with respect to (but not limited) medical centers, work shelters, subsidized housing, senior centers, community shelters, schools, libraries, and community centers. Some projects are coordinated and aligned with Metro's service change process. Likewise, many of these projects are designed and built in partnership with internal and external development projects that preserve and improve existing passenger facilities. This is an important aspect of the appropriation that cultivates partnerships within Metro and with other transit agencies and jurisdictions that designs, constructs, and implements passenger facility improvements, often at a nominal cost to Metro.

The improvements provided by the Bus Stop Accessibility Appropriation are needed to facilitate access for all transit customers in order to continue to ensure ADA compliance and to accommodate the increased deployment of low floor transit coaches with wheelchair ramps. These improvements provide a benefit to all transit passengers but focus primarily on increasing the accessibility of transit for seniors and others with limited transportation options or passengers that use a mobility device. This Project supports the Transit goal of Human Potential, specifically increasing the number of accessible bus zones.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

TD BUS ZONE SAFETY BUDGET

1116072

Budget Request Basis

The amount requested is based on the estimates of individual project costs, the amount of projects that need to be completed and the average of the variety of projects completed over the last 10 years.

Project Status

This is an ongoing appropriation. At any given time, a portion of these projects will be in planning, design, permitting, construction and/or implementation. In 2015, 63 projects were completed countywide that included improvement to accessibility, transit customer access at the middle and rear door, installation of benches and installation of railings. In 2017 and 2018, this appropriation plans to install 90 bus stop improvements.

No programmatic changes, the request continues the existing program and provides specific funds for 2017-2018.

Alternatives Analysis

This project is an ongoing series of improvements, with specific alternatives reviewed annually. The current focus is to increase the number of ADA accessible bus stops and to further improve transit customer access at the middle and rear door.

Funding and Revenue Discussion

This ongoing Project is funded by the Public Transportation Fund, Capital Sub Fund. Some previous efforts had federal grant funding.

Other Agency Involvement

Partnership efforts for improvements to bus stops are pursued whenever possible, especially when a jurisdiction and/or developer have specific plans that affect a bus stop or multiple bus stops along a corridor. Also, as previously described, this Project emphasized partnerships in order to install a bench at a reasonable cost to the taxpayer.

Art Eligibility

This project is not eligible for art because it consists of roadway work, equipment and county labor. However, this project does fund the photomural project and the Volunteer Mural Program.

Equity and Social Justice Impact

This project improves bus stops throughout King County within Metro's service area and takes into consideration bus stops adjacent to medical centers, community centers, social service centers, human service centers, low income locations with high transit dependency, transfer points, employment and job training centers and schools.

This project improves accessibility for everyone as each bus stop improvement is completed. This project specifically targets bus stops where an improvement is needed to make the bus stop 100% ADA accessible or where middle and/or rear door access is required.

This project addresses requests from Metro's ACCESS program and works to improve bus stops where ACCESS riders need an improvement.

Strategic Climate Action Plan Alignment

This project completes very low-impact improvements to the existing urban and suburban environment. Many projects focus on the replacement of 4" thick sidewalk or the addition of 4" thick sidewalk. This project uses many practices presented in the King County GreenTools Website including evaluating greenhouse gas emissions, erosion control, 30% diversion plans, air quality construction management planning, reuse and recycling and minimal development footprint impacts.

Operating Budget Impacts

Maintenance of standalone benches and railing is nominal and the small number of benches added each year is absorbed by the transit operating budget. Most new improvements result in non-owned city sidewalks (landing pads) and become the property of the jurisdiction and the jurisdiction is responsible for ongoing maintenance costs and responsibilities.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TD SHELTERS & LIGHTING

1116073

Master Project, Art Eligible

Department	TRANSPORTATION
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3641 PUBLIC TRANS CONST-UNREST
Class Code	TD SHELTERS & LIGHTING
Substantial Completion	
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$1,377,150	\$1,786	\$538,695	\$593,912	\$2,511,543
2 Preliminary Design	\$2,605,306	(\$7,989)	\$708,228	\$780,822	\$4,086,367
3 Final Design	\$2,306,520	\$1,410,788	\$708,228	\$780,822	\$5,206,358
4 Implementation	\$6,386,431	\$3,237,822	\$3,656,763	\$2,517,188	\$15,798,204
5 Closeout	\$823,739	(\$25,319)	\$538,701	\$593,918	\$1,931,039
6 Acquisition	\$8,384	\$0	\$0	\$0	\$8,384
Total Budget	\$13,507,531	\$4,617,088	\$6,150,615	\$5,266,662	\$29,541,896

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$32,058	\$36,206	\$24,923	\$93,186

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$4,617,088	\$6,150,615	\$5,266,662	\$16,034,365
Total Revenue	\$4,617,088	\$6,150,615	\$5,266,662	\$16,034,365

EXPENSE TD SHELTERS & LIGHTING 1116073

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$595,302	\$290,393	\$493,241	\$538,695	\$593,912	\$2,511,543
2 Prelim Design	\$1,782,988	\$145,859	\$668,470	\$708,228	\$780,822	\$4,086,367
3 Final Design	\$2,342,515	\$506,323	\$868,470	\$708,228	\$780,823	\$5,206,359
4 Implementation	\$6,379,547	\$1,153,194	\$2,091,511	\$3,656,763	\$2,517,187	\$15,798,202
5 Closeout	\$14,784	\$290,393	\$493,244	\$538,701	\$593,918	\$1,931,040
6 Acquisition	\$8,384	\$0	\$0	\$0	\$0	\$8,384
Total Expense	\$11,123,519	\$2,386,162	\$4,614,936	\$6,150,615	\$5,266,662	\$29,541,894

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$595,302	\$1,377,150	\$885,695
2 Preliminary Design	\$0	\$0	\$1,782,988	\$2,605,306	\$1,928,847
3 Final Design	\$0	\$0	\$2,342,515	\$2,306,520	\$2,848,838
4 Implementation	\$0	\$0	\$6,379,547	\$6,386,431	\$7,532,741
5 Closeout	\$0	\$0	\$14,784	\$823,739	\$305,177
6 Acquisition	\$0	\$0	\$8,384	\$8,384	\$8,384
Total	\$0	\$0	\$11,123,520	\$13,507,530	\$13,509,682

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$491,455	\$1,786	\$493,241	\$0
2 Preliminary Design	\$676,460	(\$7,989)	\$668,470	\$1
3 Final Design	(\$542,318)	\$1,410,788	\$868,470	\$0
4 Implementation	(\$1,146,310)	\$3,237,822	\$2,091,511	\$1
5 Closeout	\$518,563	(\$25,319)	\$493,244	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	(\$2,150)	\$4,617,088	\$4,614,936	\$2

NARRATIVES

TD SHELTERS & LIGHTING

1116073

Current Scope

Transit Shelters and Lighting Program - Shelters and Lighting is an ongoing program that makes improvements to bus stops and adds passenger facilities including new shelters, upgraded shelters, awnings, benches, trash cans, leaning rails and lighting. This project also works closely with jurisdictions and developers to coordinate and mitigate impacts to existing bus stops and transit facilities and often coordinates the removal and upgrade of existing facilities. This Project also adds hard-wired and solar-grounded lighting to new and existing shelter projects. These lighting projects increase visibility at night and aide in the reduction of loitering and vandalism and the increase in security.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

TD SHELTERS & LIGHTING

1116073

Project Justification

This appropriation works along a programmatic premise with the goal to complete approximately 170 shelter and lighting related projects each year. These improvements projects include adding new shelters; removing or relocating existing shelters; upgrading existing shelters; adding solar or traditional lighting inside shelters or at a pedestrian scale and making ADA accessible improvements in concert with a shelter related improvement.

The Shelters and Lighting program is an important element of a comprehensive passenger facilities management program that coordinates the installation, maintenance and removal of passenger facilities at approximately 8,200 active bus stops. Currently, Metro formulates its bus shelter and lighting program each year by prioritizing improvements that will support service delivery and changing service. Capital improvements to transit facilities are coordinated with annual service revisions to provide customers with the benefits of new shelters, improved lighting, and bus-stop seating at the time bus service is being adjusted along a route corridor.

The primary locations for these improvements include bus stops at street intersections identified as points of transfer between routes, bus stops located along key route corridors, transit route facilities associated with service change initiatives and with high-capacity transit system development projects.

This Project supports the Service Excellence Goal, supporting overall customer satisfaction and Transit Strategy 3.2.2 '...Coordinate and develop services and facilities with other providers to create an integrated and efficient regional transportation system.

If this project did not exist, Metro would lose the ability to: improve and maintain an efficient passenger waiting environment that includes weather protection; to adjust and change the existing shelter locations in coordination with the tri-yearly service restructures; to address security and lighting issues by installing shelters with lighting; to provide artwork within the community; and to efficiently partner with jurisdictions and developers when new opportunities arise or when existing shelter locations are impacted by adjacent construction and require alteration or removal.

To foster a source of community pride and ownership in the transit system, selected bus shelters are improved by the installation of artwork created by commissioned artists or murals painted by volunteers organized through a Mural Program funded by the Shelters and Lighting Project. In addition to providing valuable artwork to the community, the Mural Program has provided savings in maintenance costs to Metro through a decrease in vandalism at bus stops where shelters with murals or art works are installed.

Budget Request Basis

The amount requested at this time based on the individual project costs, the amount of projects that need to be completed and the average of the variety of projects completed over the last 10 years.

Project Status

The Shelters and Lighting Project is an ongoing program that advances and completes individual and partnership shelters and lighting projects. At any given time, a portion of these projects will be in planning, design, permitting, construction and/or implementation. In 2015, 144 shelter related projects were completed. In 2017/2018, this appropriation plans to complete almost 300 shelter related projects.

Alternatives Analysis

The Shelters and Lighting Appropriation is an existing program. Transit staff have pursued the concept of a shelter advertising program to gain additional revenue. Vendors are interested in shelter advertising in cities such as Bellevue, Seattle and Kenmore and two prototypes have been installed and are being evaluated. To date, jurisdictions have not altered sign ordinances that would allow for advertising on bus shelters in their public rights-of-way

Funding and Revenue Discussion

This ongoing program is primarily funded by the Public Transportation Fund, capital sub fund. Efforts are made to partner with jurisdictions and developers to fold improvements into larger capital improvements in order to leverage transit funds.

Other Agency Involvement

This project emphasizes and pursues partnership projects whenever possible. As a matter of course, the budget reflects the ability to lower costs for Metro and relies on partnership projects to reach its goals. These partnership projects are completed at a significantly lower cost.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

TD SHELTERS & LIGHTING

1116073

Art Eligibility

This project is not subject to the art contribution because it is primarily labor, materials and construction that occur underground. This project does include the installation cost of art at many bus stops in the form of murals, photography and custom artwork, part of the shelter mural program.

Equity and Social Justice Impact

This project installs bus shelters and lighting throughout King County and within Metro's service area. This project establishes equal shelter warrants in the City of Seattle and equal shelter warrants in all of the other jurisdictions within King County and takes into consideration other factors for shelter installation such as medical centers, community centers, social service centers, human service centers, low income locations with high transit dependency, transfer points, employment and job training centers and schools.

Strategic Climate Action Plan Alignment

This project completes an annual Green Building and Sustainability Report per the King 'Sustainable Infrastructure Scorecard and Guidelines' found on the King County GreenTools Website. As part of this process, this program completes a bi-annual Eco Chartette and completes a Life-Cycle Cost Assessment. This process also evaluates greenhouse gas emissions, erosions control, 30% diversion plans, energy reductions, air quality construction management plan, recycling and reuse, and minimal development footprint impacts.

Operating Budget Impacts

An increase in sheltered bus stops requires additional operating cost to maintain the shelters.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TD TROLLEY MOD BUDGET

1116112

Master Project

Department	TRANSPORTATION
Council District(s)	2, 4
Fund	3641 PUBLIC TRANS CONST-UNREST
Class Code	TD TROLLEY MOD BUDGET
Substantial Completion	
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$574,698	\$365,855	\$20,584	\$22,049	\$983,186
2 Preliminary Design	\$81,334	\$162,946	\$0	\$0	\$244,280
3 Final Design	\$476,333	\$609,456	\$0	\$0	\$1,085,789
4 Implementation	\$6,159,483	\$438,059	\$1,643,917	\$421,245	\$8,662,704
5 Closeout	\$57,341	\$63,586	\$0	\$0	\$120,927
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$7,349,188	\$1,639,902	\$1,664,501	\$443,294	\$11,096,885

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	(\$265,146)	\$220,584	\$443,294	\$398,732
37411 - CAPITAL CONTRIBUTION FIXED ASSET LOCAL	\$1,905,048	\$1,443,917	\$0	\$3,348,965
Total Revenue	\$1,639,902	\$1,664,501	\$443,294	\$3,747,697

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		TD TROLLEY MOD BUDGET					1116112
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense	
1 Planning	\$890,655	\$31,289	\$18,609	\$20,584	\$22,049	\$983,186	
2 Prelim Design	\$218,482	\$25,798	\$0	\$0	\$0	\$244,280	
3 Final Design	\$646,992	\$168,451	\$270,346	\$0	\$0	\$1,085,789	
4 Implementation	\$3,594,786	\$255,000	\$2,747,757	\$1,643,917	\$421,245	\$8,662,705	
5 Closeout	\$79,858		\$41,068	\$0	\$0	\$120,926	
6 Acquisition	\$0		\$0	\$0	\$0	\$0	
Total Expense	\$5,430,773	\$480,538	\$3,077,780	\$1,664,501	\$443,294	\$11,096,886	

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$890,655	\$574,698	\$921,944
2 Preliminary Design	\$0	\$0	\$218,482	\$81,334	\$244,280
3 Final Design	\$0	\$0	\$646,992	\$476,333	\$815,443
4 Implementation	\$0	\$0	\$3,594,786	\$6,159,483	\$3,849,786
5 Closeout	\$0	\$0	\$79,858	\$57,341	\$79,858
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$5,430,773	\$7,349,189	\$5,911,311

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$347,246)	\$365,855	\$18,609	\$0
2 Preliminary Design	(\$162,946)	\$162,946	\$0	\$0
3 Final Design	(\$339,110)	\$609,456	\$270,346	\$0
4 Implementation	\$2,309,698	\$438,059	\$2,747,757	(\$1)
5 Closeout	(\$22,517)	\$63,586	\$41,068	\$1
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$1,437,879	\$1,639,902	\$3,077,780	\$0

NARRATIVES TD TROLLEY MOD BUDGET 1116112

Current Scope

Trolley Modification Budget Project - The project provides identification, analysis, selection and implementation of modifications to the trolley overhead infrastructure. Modifications are required due to changes in road alignments, safety concerns and other matters such as service changes and improvements that mandate a change to the trolley overhead configuration.

Project Justification

The Trolley Modifications (Trolley Mods) Project was established in 1985 to provide funding and a coordinated approach to address ongoing safety and operational needs of the trolley overhead electrical distribution system. Maintaining dependable bus service is a high priority for Metro. The electric trolley bus system provides about 20% of Metro's annual passenger trips. This project supports Transit Goals of Safety and Service Excellence.

Budget Request Basis

The Program (Master Project) budget request is based on funding required to support projects that include projects associated with changes in bus type (diesel to electric) and pathway reconfiguration (City of Seattle roadway replacement).

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	TD TROLLEY MOD BUDGET	1116112
Project Status		
Of the 6 new or existing sub projects for the 2015/16 budget 4 were completed with 1 (Fairview Bridge Replacement) continuing and 1 new project supporting Transit Signal Priority (TSP) located at Dearborn St and Rainier Ave S Seattle.		
Alternatives Analysis		
There are no viable permanent alternatives for moving or reconfiguration of the trolley overhead electrical system as may be required for safety or operational considerations.		
Funding and Revenue Discussion		
This project is funded through the Public Transportation Fund's capital sub-fund.		
Other Agency Involvement		
Seattle Department of Transportation (Trolley Poles & Infrastructure), Seattle City Light.		
Art Eligibility		
Equity and Social Justice Impact		
This project supports infrastructure that provides power to the EBT (Electric Trolley Bus) service that operates throughout the City of Seattle's low-income, communities of color and limited English speaking areas.		
Strategic Climate Action Plan Alignment		
N/A		
Operating Budget Impacts		
Projects contained in the 2017/18 budget request will have no appreciable effect on the operating budget for the trolley overhead infrastructure.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TD RIDER INFO SYSTEMS BUDGET

1116236

Master Project

Department	TRANSPORTATION
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3641 PUBLIC TRANS CONST-UNREST
Class Code	TD RIDER INFO SYSTEMS BUDGET
Substantial Completion	12/31/2018
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$108,120	\$0	\$0	\$108,120
2 Preliminary Design	\$249,782	(\$18,999)	\$0	\$0	\$230,783
3 Final Design	\$116,741	\$28,063	\$0	\$0	\$144,804
4 Implementation	\$426,747	\$882,814	\$0	\$0	\$1,309,561
5 Closeout	\$13,159	\$90,000	\$0	\$0	\$103,159
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$806,429	\$1,089,998	\$0	\$0	\$1,896,427

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$1,089,998	\$0	\$0	\$1,089,998
Total Revenue	\$1,089,998	\$0	\$0	\$1,089,998

EXPENSE TD RIDER INFO SYSTEMS BUDGET 1116236

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$108,120		\$0	\$0	\$0	\$108,120
2 Prelim Design	\$230,782		\$0	\$0	\$0	\$230,782
3 Final Design	\$144,804		\$0	\$0	\$0	\$144,804
4 Implementation	\$157,913	\$161,649	\$990,000	\$0	\$0	\$1,309,562
5 Closeout	\$3,159		\$100,000	\$0	\$0	\$103,159
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$644,778	\$161,649	\$1,090,000	\$0	\$0	\$1,896,427

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$108,120	\$0	\$108,120
2 Preliminary Design	\$0	\$0	\$230,782	\$249,782	\$230,782
3 Final Design	\$0	\$0	\$144,804	\$116,741	\$144,804
4 Implementation	\$0	\$0	\$157,913	\$426,747	\$319,562
5 Closeout	\$0	\$0	\$3,159	\$13,159	\$3,159
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$644,778	\$806,429	\$806,427

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$108,119)	\$108,120	\$0	\$1
2 Preliminary Design	\$19,000	(\$18,999)	\$0	\$1
3 Final Design	(\$28,063)	\$28,063	\$0	\$0
4 Implementation	\$107,185	\$882,814	\$990,000	(\$1)
5 Closeout	\$10,000	\$90,000	\$100,000	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$3	\$1,089,998	\$1,090,000	\$1

NARRATIVES

TD RIDER INFO SYSTEMS BUDGET

1116236

Current Scope

Rider Information Systems Budget Project - This project is a series of information system improvements to increase customer access to transit information. It specifically includes the development or replacement of information systems for direct customer access to transportation information and services including timetables, stop information, trip planning, ride matching, online pass sales, and bus status information. Completed efforts include replacement of the Customer Information Interactive Voice Response (IVR) system, the Automated Call Distribution (ACD) system for the call center and updating the Bus Tracker System to work with the new radio system. Current efforts include replacing the Timetables and Bus Stop Information System (TABS).

Project Justification

This project supports the following Transit Goals: Public Engagement and Transparency and Financial Stewardship. It provides and maintains capital assets to support efficient and effective service delivery.

Risk of not implementing: This project is replacing customer information systems that are currently in use and that face failure, due to their age and changes in their data sources. The current effort is focused on replacing the aging TABS system. Failure of TABS would risk Transit's ability to produce new timetable brochures, posted schedules at bus stops, and web-based schedules for Metro Online.

By way of background, TABS developed in-house the mid-1990s and received minimal updates in the mid-2000s. The system is comprised of a suite of an unsupported database (Ingres); unsupported development software (Open Road); outdated desktop publishing software (PageMaker) and 12-year old Mac computers.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

TD RIDER INFO SYSTEMS BUDGET

1116236

Budget Request Basis

In 2015 and 2016, the TABS project completed requirements gathering and conducted a Request For Information (RFI) to transit industry vendors to identify products available on the market, and conducted an alternatives analysis. No vendors offered a product that met the RFI requirements, so the project team was compelled to reassess underlying project assumptions. During this reassessment the project team identified a new alternative (described in more detail in #7, below).

The funds requested will implement this new, preferred alternative: Integrate TABS into HASTUS, an existing Metro platform, and modify business processes, interfaces and related tools to take advantage of this integration.

Project Status

The on-line Bus Tracker application was updated to accommodate the new radio/AVL systems. These updates were completed in 2011. Vendor contract negotiations have delayed vendor payments, which are expected to be completed in 2016.

The project has completed the Planning phase, and identified a preferred alternative. Next steps include the following:

- Preliminary Design – The project will develop a detailed scope of work for implementing Giro's HASTOP product, and the KCIT work required to modify databases and interfaces to support this implementation. As a risk mitigation measure, this phase will also include some immediate modifications to remove the old Mac computers from the production system.
- Design – this phase will be undertaken after the Giro amendment is signed.
- Implementation – this phase will implement HASTOP module and related changes.
- Closeout – will occur after Implementation is complete.

Alternatives Analysis

As noted above, the project conducted an industry-wide RFI to identify potential products and determined there were none that matched the published requirements. However, during follow-up discussions with Giro, an existing Transit vendor, the project team identified new alternative: Integrate TABS into HASTUS, an existing Metro platform, and modify business processes, tools and interfaces to take advantage of this integration.

The HASTUS platform has been in use by Transit for over 20 years. Giro's HASTOP module includes most, but not all, of the functionality requested in the RFI. Further analysis by the project team revealed another approach, using an integrated architecture and modified business processes.

The team identified several new benefits to this modified approach:

- The ownership of key data elements could be moved upstream in the transit data creation process, thereby improving data accountability and reducing potential errors and rework;
- Integration would reduce some IT post-processing required under the current architecture;
- This integration will leverage the work in progress on the Data Infrastructure Replacement project, specifically the data management changes being delivered by Stop-Based Scheduling;
- Life cycle support for TABS would be folded into the overall HASTUS program, reducing KCIT's need to support a custom-built application; and
- Consolidating on existing, vendor-supported enterprise platforms is one of the key strategies in the Strategic Technology Roadmap for Transit.

This preferred approach has been approved by the project steering committee.

Funding and Revenue Discussion

This project received \$.6 million in federal grants. Remaining funds will be provided by the Public Transportation Fund, Capital sub-fund.

Other Agency Involvement

There are no other agencies involved with this effort at this time.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	TD RIDER INFO SYSTEMS BUDGET	1116236
Art Eligibility		
This project is not visible to the public so it is not eligible for an art contribution, nor are federal grant funds allowed to contribute to a general art fund.		
Equity and Social Justice Impact		
Not applicable to project.		
Strategic Climate Action Plan Alignment		
Not applicable to project.		
Operating Budget Impacts		
The operating costs for the software delivered under the Tracker project are covered under the OBS/CCS operating costs.		
Based on 2016 pricing, the yearly maintenance cost for the HASTOP module is \$10,000. Additional funds would need to be required in future years, for life cycle maintenance. An upgrade cycle has not been determined, but is assumed to be every 6 years. The vendor estimates that an upgrade requires 30-40% of the original effort.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TD RELACE LEGACY TSP EQUIPMENT

1116746

TA

Department	TRANSPORTATION
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3641 PUBLIC TRANS CONST-UNREST
Class Code	STANDALONE
Substantial Completion	
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$3,108	\$0	\$0	\$3,108
4 Implementation	\$1,107,922	(\$929,032)	\$0	\$0	\$178,890
5 Closeout	\$39,540	(\$39,540)	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$1,147,462	(\$965,464)	\$0	\$0	\$181,998

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	(\$965,464)	\$0	\$0	(\$965,464)
Total Revenue	(\$965,464)	\$0	\$0	(\$965,464)

EXPENSE TD RELACE LEGACY TSP EQUIPMENT 1116746

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$0	\$0	\$0	\$0
2 Prelim Design	\$0		\$0	\$0	\$0	\$0
3 Final Design	\$3,108		\$0	\$0	\$0	\$3,108
4 Implementation	\$178,890		\$0	\$0	\$0	\$178,890
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$181,997		\$0	\$0	\$0	\$181,997

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$3,108	\$0	\$3,108
4 Implementation	\$0	\$0	\$178,890	\$1,107,922	\$178,890
5 Closeout	\$0	\$0	\$0	\$39,540	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$181,998	\$1,147,462	\$181,998

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	(\$3,108)	\$3,108	\$0	\$0
4 Implementation	\$929,032	(\$929,032)	\$0	\$0
5 Closeout	\$39,540	(\$39,540)	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$965,464	(\$965,464)	\$0	\$0

NARRATIVES

TD RELACE LEGACY TSP EQUIPMENT

1116746

Current Scope

Replace Legacy Transit Signal Priority Equipment Project - This project was cancelled. Disappropriating remaining funds.

Project Justification

Budget Request Basis

Project Status

Alternatives Analysis

Funding and Revenue Discussion

Other Agency Involvement

Art Eligibility

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	TD RELACE LEGACY TSP EQUIPMENT	1116746
Equity and Social Justice Impact		
Strategic Climate Action Plan Alignment		
Operating Budget Impacts		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TDC A/C OPS & WAREHOUSE DEMOS

1124125

Master Project

Department	TRANSPORTATION
Council District(s)	8
Fund	3641 PUBLIC TRANS CONST-UNREST
Class Code	TDC A/C OPS & WAREHOUSE DEMOS
Substantial Completion	12/31/2018
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$38,196	\$82,256	\$0	\$0	\$120,452
2 Preliminary Design	\$51,963	\$49,632	\$0	\$0	\$101,595
3 Final Design	\$379,143	\$183,337	\$0	\$0	\$562,480
4 Implementation	\$2,787,209	\$1,070,589	\$0	\$0	\$3,857,798
5 Closeout	\$0	\$283,504	\$0	\$0	\$283,504
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$3,256,511	\$1,669,318	\$0	\$0	\$4,925,829

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$1,669,318	\$0	\$0	\$1,669,318
Total Revenue	\$1,669,318	\$0	\$0	\$1,669,318

EXPENSE TDC A/C OPS & WAREHOUSE DEMOS 1124125

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$120,452		\$0	\$0	\$0	\$120,452
2 Prelim Design	\$101,595		\$0	\$0	\$0	\$101,595
3 Final Design	\$75,557	\$471,560	\$15,363	\$0	\$0	\$562,480
4 Implementation	\$11,100	\$1,056,196	\$2,790,502	\$0	\$0	\$3,857,798
5 Closeout	(\$402)		\$283,906	\$0	\$0	\$283,504
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$308,303	\$1,527,756	\$3,089,771	\$0	\$0	\$4,925,830

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$120,452	\$38,196	\$120,452
2 Preliminary Design	\$0	\$0	\$101,595	\$51,963	\$101,595
3 Final Design	\$0	\$0	\$75,557	\$379,143	\$547,117
4 Implementation	\$0	\$0	\$11,100	\$2,787,209	\$1,067,296
5 Closeout	\$0	\$0	(\$402)	\$0	(\$402)
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$308,302	\$3,256,511	\$1,836,058

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$82,256)	\$82,256	\$0	\$0
2 Preliminary Design	(\$49,632)	\$49,632	\$0	\$0
3 Final Design	(\$167,974)	\$183,337	\$15,363	\$0
4 Implementation	\$1,719,913	\$1,070,589	\$2,790,502	\$0
5 Closeout	\$402	\$283,504	\$283,906	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$1,420,453	\$1,669,318	\$3,089,771	\$0

NARRATIVES

TDC A/C OPS & WAREHOUSE DEMOS

1124125

Current Scope

Atlantic/Central Base Operations Building and Warehouse Demolition Project - The project will demolish the Frye Warehouse and the Old Atlantic/Central Base Operations Buildings. The project will also create additional coach parking on Atlantic/Central Site. The Frye Warehouse site will temporarily developed for vehicle parking. This is the first phase of base development anticipated under the overall 2013 Facility Master Plan.

Project Justification

The project supports the Transit goal of Financial Stewardship. These structures are at the end of their useful lives, offer no salvage value or practical use, and have the potential to become a safety hazard. The deteriorated condition of the old operations building and the Frye warehouse are noted in the Facility Master Plan. The removal of these buildings maximizes the efficiency and coach capacity on the Atlantic/Central Base Campus and creates space for future needs.

Budget Request Basis

The project is a continuation from the last biennial budget and is slated to start construction in late 2016. The project was re-estimated by both inside and outside resources at the baseline to validate the current budget. The scope and unknowns have been clarified and included in this final budget request. This funding will support the continuation of Phase 4 thru the completion of the project.

Project Status

The project is in Phase 3 and will move to Phase 4 (Construction Contract Award) in late 2016. The design is at 90% and MUP/Demo/Building Permits submitted with no known issues. The challenging aspect to supporting the schedule has been moving out the building occupants. (Mainly Materials - Vehicle Maintenance, Power and Facilities, Service Quality, Design and Construction, Waterfront Street Cars, and Transit Police).

This budget request has been increased to cover the temporary and final relocation of telephone/fiber communication wiring and the finalized construction costs. The old operation building is the hub of all Atlantic/Central Base communications and the scope determination at the initial budget process was not fully understood until an inventory of the system was made during the later design phase. The permitting effort, coordination of moves, and full clarity of scope at baseline have also impacted the budget.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

TDC A/C OPS & WAREHOUSE DEMOS

1124125

Alternatives Analysis

Because of structures age and expansion pressures on Metro, there were few options to consider. Absent significant repairs, existing buildings will continue to deteriorate, becoming more of a structural and environmental hazard to staff working and the equipment stored inside. Following the Facilities Master Plan, the option to repurpose the properties for base expansion was implemented.

Funding and Revenue Discussion

This project is funded by the Public transportation Fund, capital sub fund.

Other Agency Involvement

No other agencies will be involved.

Art Eligibility

The project is to demolish structures to ground level for parking – and it offers no opportunity for public art.

Equity and Social Justice Impact

N/A

Strategic Climate Action Plan Alignment

The AC Base site's utility usage would reflect the removal of these two buildings. The project is following the City's and County's environmental guidelines using local material, recycling, and water quality management standards.

Operating Budget Impacts

All the associated maintenance, operating, and utility costs associated with the buildings will cease.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TDC RADIO LIFE CYCLE REPLACE

1124234

Department	TRANSPORTATION
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3641 PUBLIC TRANS CONST-UNREST
Class Code	STANDALONE
Substantial Completion	
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation 01/01/20 - 12/31/20	\$1,387,923	\$0	\$500,000	\$500,000	\$2,387,923
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$1,387,923	\$0	\$500,000	\$500,000	\$2,387,923

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$0	\$500,000	\$500,000	\$1,000,000
Total Revenue	\$0	\$500,000	\$500,000	\$1,000,000

EXPENSE

TDC RADIO LIFE CYCLE REPLACE

1124234

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$0	\$0	\$0	\$0
2 Prelim Design	\$0		\$0	\$0	\$0	\$0
3 Final Design	\$0		\$0	\$0	\$0	\$0
4 Implementation	\$774,165		\$613,758	\$500,000	\$500,000	\$2,387,923
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$774,165		\$613,758	\$500,000	\$500,000	\$2,387,923

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$774,165	\$1,387,923	\$774,165
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$774,165	\$1,387,923	\$774,165

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$613,758	\$0	\$613,758	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$613,758	\$0	\$613,758	\$0

NARRATIVES

TDC RADIO LIFE CYCLE REPLACE

1124234

Current Scope

Radio Life Cycle Replacement - This request will provide funding for a program of life cycle hardware and software updates to maintain the Transit Radio System (TRS) in a state of good repair, avoid early obsolescence of IT components within the system, and allow Transit to ensure vendor support for the system past the current support contract term of 2022. The system primary vendor revised their strategic product roadmap to provide a long term support model that reduces the need to do a large capital replacement project for the system, but hardware will require replenishment.

Project Justification

King County Metro's Transit Radio System (TRS) was installed starting in 2009 and accepted in 2012. This request will fund an incremental approach to a periodic technology refresh program that amortizes these costs over the system life reducing or eliminating the need to implement a large CIP replacement project prior to 2030.

Budget Request Basis

No additional funding requested for 2017/18 biennium.

Project Status

The first post installation refresh is scheduled to commence in early 2018.

Alternatives Analysis

N/A, programmatic project.

Funding and Revenue Discussion

This product is funded by the Public Transportation Fund, capital sub-fund.

Other Agency Involvement

No other agencies are involved in this project, although coordination may occur/be required between Transit and the King County Public Safety radio system.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	TDC RADIO LIFE CYCLE REPLACE	1124234
Art Eligibility		
Project not visible to public.		
Equity and Social Justice Impact		
N/A		
Strategic Climate Action Plan Alignment		
N/A		
Operating Budget Impacts		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TDC REGL TRANSIT CONNECTIVITY

1124256

Master Project

Department	TRANSPORTATION
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3641 PUBLIC TRANS CONST-UNREST
Class Code	TDC REGL TRANSIT CONNECTIVITY
Substantial Completion	12/31/2021
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$392,000	(\$390,672)	\$0	\$0	\$1,328
2 Preliminary Design	\$1,567,000	(\$1,567,000)	\$0	\$0	\$0
3 Final Design	\$1,140,000	(\$240,000)	\$500,000	\$0	\$1,400,000
4 Implementation	\$520,000	\$3,230,000	\$2,500,000	\$1,000,000	\$7,250,000
5 Closeout	\$0	\$629,480	\$0	\$0	\$629,480
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$3,619,000	\$1,661,808	\$3,000,000	\$1,000,000	\$9,280,808

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$1,661,808	\$3,000,000	\$1,000,000	\$5,661,808
Total Revenue	\$1,661,808	\$3,000,000	\$1,000,000	\$5,661,808

EXPENSE TDC REGL TRANSIT CONNECTIVITY 1124256

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$1,328		\$0	\$0	\$0	\$1,328
2 Prelim Design	\$0		\$0	\$0	\$0	\$0
3 Final Design	\$0	\$450,000	\$450,000	\$500,000	\$0	\$1,400,000
4 Implementation	\$0	\$50,000	\$3,700,000	\$2,500,000	\$1,000,000	\$7,250,000
5 Closeout	\$0	\$629,480	\$0	\$0	\$0	\$629,480
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$1,328	\$1,129,480	\$4,150,000	\$3,000,000	\$1,000,000	\$9,280,808

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$1,328	\$392,000	\$1,328
2 Preliminary Design	\$0	\$0	\$0	\$1,567,000	\$0
3 Final Design	\$0	\$0	\$0	\$1,140,000	\$450,000
4 Implementation	\$0	\$0	\$0	\$520,000	\$50,000
5 Closeout	\$0	\$0	\$0	\$0	\$629,480
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$1,328	\$3,619,000	\$1,130,808

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$390,672	(\$390,672)	\$0	\$0
2 Preliminary Design	\$1,567,000	(\$1,567,000)	\$0	\$0
3 Final Design	\$690,000	(\$240,000)	\$450,000	\$0
4 Implementation	\$470,000	\$3,230,000	\$3,700,000	\$0
5 Closeout	(\$629,480)	\$629,480	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$2,488,192	\$1,661,808	\$4,150,000	\$0

NARRATIVES

TDC REGL TRANSIT CONNECTIVITY

1124256

Current Scope

Regional Transit Connectivity - This project will support Metro's participation in funding transit and traffic improvements recommended in the 5-agency Regional Transit Coordination for Downtown Seattle working group and related supportive activities associated with the emerging work of the Center City Mobility Plan led by SDOT in cooperation with Metro, Sound Transit, and the Downtown Seattle Association. This work related to downtown Seattle mobility with regional reach is charged with maintaining and improving transit and transportation solutions from South Lake Union through South of Downtown (SODO) area in a 20-year horizon of intense and transformative transportation investment, especially in the next six years.

Project Justification

This is an opportunity for Metro to fund recommendations to improve transit access and reliability in the heart of Metro Transit's regional system with regional benefits realized countywide. Major transportation investments, including removing the Alaskan Way Viaduct, opening Sound Transit's North Link and East Link light rail extensions and SDOT's continued development of bicycle improvements and streetcars in Downtown Seattle will transform Metro's operating environment. We are working with our partner transportation agencies, including SDOT, Sound Transit, WSDOT and Community Transit, to ensure these transformational construction projects enhance Metro's ability to serve our riders quickly and reliably. This work supports the Transit goals of Improve Service Reliability and Deliver Great Services.

Budget Request Basis

The amount requested is based on the forecast for individual anticipated projects.

Project Status

Since this program of projects began funding in 2015, many projects have been planned and some implemented, including: several downtown bus priority queue jumps, a study to inform a comprehensive plan for layover in the central part of Seattle affecting transit operations countywide, new performance monitoring work to track transit activity in the DSTT and on the Seattle grid downtown, a new maintenance-related tug truck in the tunnel for incident response, trolley poles for Yesler electrification and minor capital modifications within the DSTT to improve operations. Going forward, this project will fund like transit capital projects emerging from Fall 2016 recommendations of the Center City Mobility Plan. These could be significant new bus lanes, considerable changes and modifications to bus operations on 2nd, 3rd, 4th, 5th and 6th Avenues.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

TDC REGL TRANSIT CONNECTIVITY

1124256

Alternatives Analysis

Alternatives are evaluated for each of the sub projects individually.

Funding and Revenue Discussion

This project is funded by the Public Transportation Fund, capital sub fund.

Other Agency Involvement

City of Seattle

- Alaskan Way Central Waterfront Project
- Bicycle Infrastructure
- Streetcar Extensions at North Broadway and Center City Streetcar/1st Avenue

Sound Transit

- North Link light rail
- East Link light rail
- ST3 Projects region-wide if ballot measure passes in November 2016

WSDOT

- Alaskan Way Viaduct Bored Tunnel

DSA (Downtown Seattle Association)

- Participating as partner in Center City Mobility Plan

Art Eligibility

This project is not eligible for art because the funding is for roadway and signal improvements owned by other (than KC) entities.

Equity and Social Justice Impact

N/A

Strategic Climate Action Plan Alignment

Maintaining and improving transit speed and reliability supports Metro's community greenhouse gas reduction goals.

Operating Budget Impacts

Most of the improvements funded by this program will be owned and operated by other partnering agencies.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TDC INTERIM POLICE FACILITY

1124395

Department	TRANSPORTATION
Council District(s)	8
Fund	3641 PUBLIC TRANS CONST-UNREST
Class Code	STANDALONE
Substantial Completion	12/31/2017
Location	5303 1st Avenue S., Seattle 98108
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/01/15 - 02/15/15	\$17,200	\$32,946	\$0	\$0	\$50,146
2 Preliminary Design 02/15/15 - 07/01/16	\$55,600	\$296,952	\$0	\$0	\$352,552
3 Final Design 07/01/16 - 02/20/17	\$323,400	\$57,406	\$0	\$0	\$380,806
4 Implementation 02/20/17 - 10/31/17	\$1,579,600	\$567,813	\$0	\$0	\$2,147,413
5 Closeout 10/31/17 - 12/31/17	\$0	\$11,640	\$0	\$0	\$11,640
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$1,975,800	\$966,757	\$0	\$0	\$2,942,557

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$966,757	\$0	\$0	\$966,757
Total Revenue	\$966,757	\$0	\$0	\$966,757

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		TDC INTERIM POLICE FACILITY				1124395
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$50,146		\$0	\$0	\$0	\$50,146
2 Prelim Design	\$108,112	\$244,440	\$0	\$0	\$0	\$352,552
3 Final Design	\$122	\$380,683	\$0	\$0	\$0	\$380,805
4 Implementation	\$0		\$2,147,414	\$0	\$0	\$2,147,414
5 Closeout	\$0		\$11,640	\$0	\$0	\$11,640
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$158,380	\$625,123	\$2,159,054	\$0	\$0	\$2,942,557

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$50,146	\$17,200	\$50,146
2 Preliminary Design	\$0	\$0	\$108,112	\$55,600	\$352,552
3 Final Design	\$0	\$0	\$122	\$323,400	\$380,805
4 Implementation	\$0	\$0	\$0	\$1,579,600	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$158,380	\$1,975,800	\$783,503

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$32,946)	\$32,946	\$0	\$0
2 Preliminary Design	(\$296,952)	\$296,952	\$0	\$0
3 Final Design	(\$57,405)	\$57,406	\$0	\$1
4 Implementation	\$1,579,600	\$567,813	\$2,147,414	(\$1)
5 Closeout	\$0	\$11,640	\$11,640	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$1,192,297	\$966,757	\$2,159,054	\$0

NARRATIVES	TDC INTERIM POLICE FACILITY	1124395
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Current Scope

Interim Police Facility - The project will pay for tenant improvements to implement a new Interim Metro Transit Police Building to relocate staff from their current work spaces in the old Atlantic/Central Operations Building and Frye Warehouse. Consistent with the facility master plan for Central/Atlantic Campus, Metro security staff will also join the Metro Transit Police in the new location. The tenant improvements will include features such as locker rooms, bike repair, weapon and ammunition storage; security and access control systems; and IT infrastructure. The interim building will be a 10-year leased office space for approximately 110 total daily staff and 50 secure parking spaces, to be used on an interim basis while a permanent solution is implemented for the Metro Transit Police. The interim building will be a commercial lease in the SODO vicinity with tenant improvements based on a requirements document prepared by Transit Design and Construction.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

TDC INTERIM POLICE FACILITY

1124395

Project Justification

The inadequate police facilities were noted, along with recommendations for relocation, in the King County Metro Transit Facilities Master Plan - Atlantic/Central/Ryerson Base Complex (May 2013). This relocation is also necessary in advance of demolition of the old Operations Building. This project supports Metro's Strategic Plan Goals of Safety and Financial Stewardship.

Budget Request Basis

The project is a continuation from the last biennium budget and has progressed to the point where a preferred building has been identified. The project estimate was updated based on the selected leased building and extended 10-year lease term compared to the originally planned 5-year lease.

Project Status

A preferred lease building has been identified and the lease approval process is underway and scheduled for approval in 2016. Tenant improvements will begin and be completed in 2017, when staff can move into the interim facility. Lease and move in costs will be paid for by operating funds and begin in 2017.

The budget request has been updated to account for the tenant improvements needs based on the condition of the preferred building and the increased occupancy and space needed for additional staff from a partner group (Metro Security) and estimated police staff growth for the ten year extended duration lease term. The previous budget request was based on occupancy by just the Police for a five year lease term. In addition, the previous budget request anticipated that the leased space would be a portion of an existing office building. The revised plan will rent an entire building, which requires additional building and site improvements compared to moving into an existing office space. This building was selected based on its favorable location near downtown Seattle.

Alternatives Analysis

Three alternatives were reviewed for this project: 1) leased space in the vicinity of SODO, 2) portable offices on or near Metro's Central Campus, and 3) existing County building space near the Central Campus. The leased space option was found to be the lowest cost, most readily implemented option and was selected as the basis for the project scope. The proximity to the SODO vicinity is a key criterion as the great majority of Metro Transit Police response calls are in the City of Seattle.

Funding and Revenue Discussion

Public Transportation Fund, capital sub fund.

Other Agency Involvement

N/A

Art Eligibility

This project does not involve construction of a King County facility, and thus is not eligible for art contribution.

Equity and Social Justice Impact

Not applicable to this project.

Strategic Climate Action Plan Alignment

The project is following the City's and County's environmental and sustainability guidelines.

Operating Budget Impacts

This project will have an operating impact from the leased office space of approximately \$500K/year, between 2017 and 2027. This will be offset to some extent by relocating out of the relatively high energy cost old Operations Building and Warehouse. Move in costs are estimated at \$300K in 2017.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TDC RAPIDRIDE AWV & ELINK FAC

1124396

Master Project, Art Eligible

Department	TRANSPORTATION
Council District(s)	4, 6, 8
Fund	3641 PUBLIC TRANS CONST-UNREST
Class Code	TDC RAPIDRIDE AWV & ELINK FAC
Substantial Completion	12/31/2021
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$17,658	\$0	\$0	\$17,658
3 Final Design	\$0	\$220,544	\$20,000	\$0	\$240,544
4 Implementation	\$0	\$0	\$1,693,824	\$118,675	\$1,812,499
5 Closeout	\$0	\$0	\$20,000	\$0	\$20,000
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$238,202	\$1,733,824	\$118,675	\$2,090,701

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$2,359	\$17,167	\$1,175	\$20,701

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$238,202	\$1,733,824	\$118,675	\$2,090,701
Total Revenue	\$238,202	\$1,733,824	\$118,675	\$2,090,701

EXPENSE TDC RAPIDRIDE AWV & ELINK FAC 1124396

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$0	\$0	\$0	\$0
2 Prelim Design	\$0		\$17,658	\$0	\$0	\$17,658
3 Final Design	\$0		\$220,544	\$0	\$0	\$220,544
4 Implementation	\$0		\$0	\$1,693,824	\$118,675	\$1,812,499
5 Closeout	\$0		\$0	\$20,000	\$0	\$20,000
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$0		\$238,202	\$1,713,824	\$118,675	\$2,070,701

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$17,658	\$17,658	\$0
3 Final Design	\$0	\$220,544	\$220,544	\$0
4 Implementation	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$238,202	\$238,202	\$0

NARRATIVES

TDC RAPIDRIDE AWV & ELINK FAC

1124396

Current Scope

RapidRide Alaskan Way Viaduct & East Link Facility - This project will add new or upgrade existing RapidRide bus stops and associated passenger facilities that are impacted by the construction of the Alaskan Way Viaduct (AWV) Replacement North and South Portal facilities (being implemented by the Washington State Department of Transportation (WSDOT) and the City of Seattle Department of Transportation (SDOT)) and East Link Light Rail stations (being implemented by Sound Transit (ST)). These RapidRide facilities will serve the RapidRide B, C, D and E Lines. The standard suite of RapidRide passenger amenities, already implemented at other RapidRide stations on these corridors, will be installed when sidewalk, roadway and Link Light Rail facilities are completed. Design and construction work will primarily be performed by WSDOT, SDOT and ST, with facility equipment procured, assembled, and installed by King County. These passenger facilities will include specially branded RapidRide shelters and signage, real-time rider information displays, street furniture including benches and litter receptacles, and improved lighting.

Facilities associated with the AWV Replacement North and South Portals affect seven RapidRide stops: Four on Alaskan Way between Jackson Street and Columbia Street, and three on Aurora Avenue between Denny Way and Harrison Street. These stops are expected to be operational in 2019 or later.

Facilities associated with the ST East Link project affect three existing RapidRide stops that will be impacted by ST station construction: one at NE 8th Street and 116th Avenue NE (Wilburton Station), and two at 156th Avenue NE and NE 40th Street (Redmond Technology Center Station). Two new RapidRide stations would be established at 152nd Avenue NE and NE 30th Street (Overlake Village Station). ST station construction is expected to begin in 2020 and East Link is scheduled to begin operations in 2023.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

TDC RAPIDRIDE AWV & ELINK FAC

1124396

Project Justification

The Alaskan Way Viaduct Replacement Project will alter the surface street network in both the south (near Pioneer Square) and north (near Seattle Center) areas of downtown Seattle. Roadway improvement projects are being planned and implemented by WSDOT and SDOT that affect bus access to downtown. These roadway projects will enable Metro to establish new RapidRide stations on new transit pathways that were not available when the RapidRide C, D and E Lines were initially implemented in 2012 and 2014.

In addition, construction of three Sound Transit East Link Light Rail stations either impact existing RapidRide facilities (at the ST Wilburton Station and ST Redmond Technology Center Station), or provide the opportunity to establish new bus/rail connections via a pair of new RapidRide stations adjacent to the ST Overlake Village Station for the RapidRide B Line.

King County's RapidRide program provides enhanced bus rapid transit service and facility investments that achieve higher capacity, faster operation, and greater passenger comfort. These investments have been shown to increase transit ridership, thereby improving regional mobility and the quality of life in King County. This project contributes to the achievement of several strategies included in the Strategic Plan for Public Transportation 2011-2021 including: 2.1.1, by expanding the variety of public transportation products; 3.2.2, by interfacing with regional transit facilities along the RapidRide corridors; and 6.2.2, by providing capital assets that support the efficient delivery of transit service. Relevant agency goals include: Economic Growth and Built Environment as measured by Fixed Route Ridership, and Service Excellence as measured by Overall Customer Satisfaction.

Budget Request Basis

The current budget request is based planning-level cost estimates derived from historical costs incurred in prior years for implementing RapidRide station improvements.

To the greatest extent possible, King County is working with WSDOT, SDOT, and ST to ensure their projects incorporate RapidRide station design requirements into their project planning, design and construction. Where King County's RapidRide facility needs fall within the partnering agency's project limits, these partners have generally agreed to expand their scope of work to include the design and construction of civil and electrical improvements to support the addition of RapidRide stations. For certain locations, King County may need to undertake new civil construction projects to add the RapidRide facilities. RapidRide passenger facilities infrastructure (i.e. shelters and other passenger amenities) will be supplied, owned, and maintained by King County at all locations.

Project Status

Current phase and status through 2016: planning or design review to incorporate RapidRide facilities design requirements into partnering agencies project plans.

Alternatives Analysis

Three alternatives were considered.

- Coordinate with WSDOT, SDOT and ST to include RapidRide bus shelter foundations and infrastructure needed for passenger amenities in their project scopes and engineering plans.
- Continue to use the existing RapidRide bus stops with no modifications for new regional transportation construction projects.
- Add new RapidRide bus stops after the regional construction projects are completed. This would require reconstructing newly built sidewalks to add shelter foundations and electrical conduits.

The first alternative is being pursued. This is a mutually beneficial and cost effective way to accommodate transit system access, maintain RapidRide design continuity, provide appropriate spacing between RapidRide bus stops on newly built roadway segments in Seattle and upgrade bus stops on the B Line to accommodate increased demand anticipated with the implementation of East Link light rail service.

Funding and Revenue Discussion

The project will be funded by the Public Transportation Fund, capital sub fund.

Other Agency Involvement

Construction and installation of the RapidRide passenger facilities will require construction and street use permits from the affected jurisdictions: Seattle, Bellevue and Redmond.

At most locations funded in this appropriation, construction will be led and managed by partnering agencies: WSDOT, SDOT, and ST.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

TDC RAPIDRIDE AWV & ELINK FAC

1124396

Art Eligibility

N/A

Equity and Social Justice Impact

This program implements additional bus stops on existing RapidRide corridors. The project adds bus stops through the downtown Seattle core, benefiting all transit riders, including minority and lower income populations as designated in the presidential Executive Orders for Environmental Justice. The downtown core serves economically disadvantaged populations, non-drivers, seniors, and people with access and functional needs. The majority of census tracts within a one-quarter mile buffer of the project improvements have a greater proportion of residents with incomes below the poverty level, than the proportion below the poverty level in King County. Most census tracts within a one-quarter mile buffer of the project improvements have a greater proportion of minority residents, than the proportion of minority residents in King County. In Downtown Seattle, 32 percent of the population is below the poverty level and 35 percent is non-white. Downtown Seattle is more racially diverse than the city, county and nation as a whole. Downtown Seattle also houses the highest concentration of human and senior service agencies in the region.

Stops upgraded or added on the Sound Transit East Link alignment increase access and connectivity to the regional high-capacity transit network, with benefits to all transit users, including transit dependent populations which generally have a higher rate of minority and low-income users.

Strategic Climate Action Plan Alignment

N/A

Operating Budget Impacts

Minimal staff time related to early planning and agency coordination activities incurred to date is covered through the existing operating budget. This project implements 7 new RapidRide stations (and upgrades 5 additional existing RapidRide stops), with an estimated annual operational impact of less than \$10,000. This estimate is based on the current RapidRide passenger facilities program, where \$165,800 additional annual operational costs are associated with over 200 sheltered RapidRide stops system wide.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TDC REAL TIME IMPROVEMENTS 1124413

Department	TRANSPORTATION
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3641 PUBLIC TRANS CONST-UNREST
Class Code	STANDALONE
Substantial Completion	06/30/2019
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$211,846	\$84,893	\$0	\$0	\$296,739
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$88,676	\$64,365	\$0	\$0	\$153,041
4 Implementation	\$300,000	\$415,760	\$135,366	\$0	\$851,126
5 Closeout	\$0	\$0	\$8,816	\$0	\$8,816
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$600,522	\$565,018	\$144,182	\$0	\$1,309,722

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$565,018	\$144,182	\$0	\$709,200
Total Revenue	\$565,018	\$144,182	\$0	\$709,200

EXPENSE TDC REAL TIME IMPROVEMENTS 1124413

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$66,424	\$230,315	\$0	\$0	\$296,739
2 Prelim Design	\$0		\$0	\$0	\$0	\$0
3 Final Design	\$0		\$153,041	\$0	\$0	\$153,041
4 Implementation	\$0		\$715,760	\$135,366	\$0	\$851,126
5 Closeout	\$0		\$0	\$8,816	\$0	\$8,816
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$0	\$66,424	\$1,099,116	\$144,182	\$0	\$1,309,722

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$211,846	\$66,424
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$88,676	\$0
4 Implementation	\$0	\$0	\$0	\$300,000	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$600,522	\$66,424

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$145,422	\$84,893	\$230,315	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$88,676	\$64,365	\$153,041	\$0
4 Implementation	\$300,000	\$415,760	\$715,760	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$534,098	\$565,018	\$1,099,116	\$0

NARRATIVES

TDC REAL TIME IMPROVEMENTS

1124413

Current Scope

Real Time Improvements Project - This project will conduct a detailed analysis of the systems and processes involved in creating, managing, delivering and displaying customer information—and real time information in particular—in order to develop and implement a logical, phased approach for modifying, upgrading and integrating these systems, as well as the processes and connections between them, to improve the quality of real time information.

Customer-facing systems that would be evaluated in this project include: timetables, posted bus stop schedules, posted rider alerts, public media notifications, Twitter, blogs, Transit Alerts, Metro Online, Real-Time Information Signs, Trip Planner (including Tracker), Interactive Voice Response, OneBusAway and other third party applications. Internal systems and processes that might be evaluated or touched by this project include: Transit Control Center (TCC) systems, including computer-aided dispatch and related processes; the addition of new interfaces from TCC to other systems; the management and distribution of reroutes and other special service changes; and various customer information systems processes, including internal and external notifications and updates.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

TDC REAL TIME IMPROVEMENTS

1124413

Project Justification

There are gaps in the quality of Metro's real-time information product. Examples include cancelled trips that are not communicated to customers, alerts and advisories that require redundant data entry in multiple systems, and a limit to the type and number of advisories that can be created. The goal of the project is to 1) provide more consistent and reliable notification of service interruptions, trip cancellations and other planned service changes, 2) improve and streamline internal data management processes related to customer notification and 3) provide more descriptive and accurate data output to regional data services and third party application developers. The improvements developed by this project are intended to be scalable solutions that reduce overall complexity, so that they provide benefits on a daily basis as well as help the organization communicate and respond more efficiently during major events.

This project supports the following Transit Goals:

Goal 5: Service Excellence. Establish a culture of customer service and deliver services that are responsive to community needs.

- Improve satisfaction with Metro's products and services and the way they are delivered. Provide service that is easy to understand and use.

Goal 7: Public Engagement and Transparency. Promote robust public engagement that informs, involves, and empowers people and communities.

- Increase customer and public access to understandable, accurate and transparent information. Use of Metro's web tools and alerts.

Budget Request Basis

This request covers all project phases from planning through closeout. It will cover the following project activities: project management, requirements and solution analysis, solution implementation and project closeout. The budget is required because Transit is a complicated business environment with multiple stakeholders and vendors. The project will require a significant effort to ensure that requirements are fully understood and the solution is implemented in a logical manner.

The project will use the following approach:

- Conduct research into customers' information needs and expectations for real time information;
- Develop and articulate a coordinated agency vision for what Metro's real time information product should deliver;
- Building on these two critical steps, analyze Metro's current systems and capabilities; identify the gaps in processes, data, systems and interfaces;
- Develop a phased plan of process and systems improvements to implement the necessary elements of that product; and
- Implement the changes in a logical, phased approach, with appropriate testing, training, communications and coordination with affected stakeholders, users, support teams and customers.

The estimate assumes purchase of a vendor solution with in-house (KCIT) integration support. The project will require 1) a full time project manager; 2) software solution and consulting services to implement the solution; and 3) KCIT business analysis and business solutions services to define requirements and develop interfaces to existing systems.

Project Status

Pursuant to Council proviso, the Real Time Improvements Project cannot start until the Strategic Technology Roadmap for Transit is accepted by Council. Therefore, the project has not yet begun.

Alternatives Analysis

Alternative solutions will be explored as the project develops.

Funding and Revenue Discussion

This project will be funded by the Public Transportation Fund, capital subfund.

Other Agency Involvement

KCIT staff will be involved with this project.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	TDC REAL TIME IMPROVEMENTS	1124413
Art Eligibility		
This project is not visible to the public, so is exempt from an art contribution.		
Equity and Social Justice Impact		
N/A		
Strategic Climate Action Plan Alignment		
N/A		
Operating Budget Impacts		
Additional operating expense is anticipated to be between \$50-100,000/ year.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TDC HASTUS PLANNING MODULE

1124415

Department	TRANSPORTATION
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3641 PUBLIC TRANS CONST-UNREST
Class Code	STANDALONE
Substantial Completion	06/30/2018
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$11,868	\$132	\$0	\$0	\$12,000
2 Preliminary Design	\$96,501	(\$47,501)	\$0	\$0	\$49,000
3 Final Design	\$64,795	(\$3,895)	\$0	\$0	\$60,900
4 Implementation	\$170,694	\$150,708	\$0	\$0	\$321,402
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$343,858	\$99,444	\$0	\$0	\$443,302

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$99,444	\$0	\$0	\$99,444
Total Revenue	\$99,444	\$0	\$0	\$99,444

EXPENSE TDC HASTUS PLANNING MODULE 1124415

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$12,000	\$0	\$0	\$12,000
2 Prelim Design	\$0		\$49,000	\$0	\$0	\$49,000
3 Final Design	\$0		\$60,900	\$0	\$0	\$60,900
4 Implementation	\$0		\$321,402	\$0	\$0	\$321,402
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$0		\$443,302	\$0	\$0	\$443,302

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$11,868	\$0
2 Preliminary Design	\$0	\$0	\$0	\$96,501	\$0
3 Final Design	\$0	\$0	\$0	\$64,795	\$0
4 Implementation	\$0	\$0	\$0	\$170,694	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$343,858	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$11,868	\$132	\$12,000	\$0
2 Preliminary Design	\$96,501	(\$47,501)	\$49,000	\$0
3 Final Design	\$64,795	(\$3,895)	\$60,900	\$0
4 Implementation	\$170,694	\$150,708	\$321,402	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$343,858	\$99,444	\$443,302	\$0

NARRATIVES

TDC HASTUS PLANNING MODULE

1124415

Current Scope

HASTUS Planning Module - The HASTUS Planning Module project will acquire a new module for HASTUS, the software suite currently used by the scheduling group to produce vehicle and operator/crew schedules. The new module would be used primarily by the Service Planning group to develop and evaluate route and transit network concepts, including the associated costs. Service Development and Systems Development & Operations staff would work with the software vendor, GIRO, to evaluate out-of-the-box functionality, identify any shortcomings, and customize the software module as necessary to meet the agency's specific needs.

Project Justification

Transit Service Planning currently uses a labor-intensive, Excel-based process to produce draft timetables, which are used to estimate costs and evaluate transit service design concepts. Service Planning transmits this information and paper based maps and routing instructions to other Transit workgroups, which then need to manually recreate this information in their system. Process improvements that will be enabled by the addition of a new software module to Transit's HASTUS application are expected to result in more efficient service planning and scheduling. This project supports the Transit goal of Service Excellence.

Budget Request Basis

This project was originally requested in the 2015/2016 biennium. However, due to other project priorities it has not yet begun. The project is now planned to begin in 2017. We are requesting funding for all phases of the project.

Project Status

Not yet started. Project planning will begin in Q1 2017.

Alternatives Analysis

Several alternatives were considered and the HASTUS Planning Module was chosen because it is integrated with other HASTUS modules currently used by Transit for Scheduling and Operations. Incorporating this module would enable planners to easily access current ridership, run-time and trip arrival/departure data and more efficiently incorporate these data in the development of route and network design concepts.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	TDC HASTUS PLANNING MODULE	1124415
Funding and Revenue Discussion		
This project will be funded by the Public Transportation Fund, capital sub fund.		
Other Agency Involvement		
KCIT staff will be involved in this project in 2018.		
Art Eligibility		
This IT project is not eligible for art contribution.		
Equity and Social Justice Impact		
N/A		
Strategic Climate Action Plan Alignment		
N/A		
Operating Budget Impacts		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TDC REPL SIGNAL PRIORITY EQUIP

1124427

Department	TRANSPORTATION
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3641 PUBLIC TRANS CONST-UNREST
Class Code	STANDALONE
Substantial Completion	12/31/2019
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 12/02/15 - 04/04/16	\$106,500	(\$91,738)	\$0	\$0	\$14,762
2 Preliminary Design 04/05/16 - 11/23/16	\$471,813	\$91,738	\$0	\$0	\$563,551
3 Final Design 01/01/17 - 08/31/17	\$0	\$2,462,983	\$0	\$0	\$2,462,983
4 Implementation 09/02/17 - 12/31/19	\$0	\$1,865,822	\$1,250,000	\$0	\$3,115,822
5 Closeout 01/01/20 - 09/01/20	\$0	\$0	\$40,000	\$0	\$40,000
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$578,313	\$4,328,805	\$1,290,000	\$0	\$6,197,118

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$4,328,805	\$1,290,000	\$0	\$5,618,805
Total Revenue	\$4,328,805	\$1,290,000	\$0	\$5,618,805

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		TDC REPL SIGNAL PRIORITY EQUIP				1124427
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$14,762		\$0	\$0	\$0	\$14,762
2 Prelim Design	\$0	\$985,738	\$0	\$0	\$0	\$985,738
3 Final Design	\$0		\$2,462,983	\$0	\$0	\$2,462,983
4 Implementation	\$0		\$1,865,822	\$1,250,000	\$0	\$3,115,822
5 Closeout	\$0		\$0	\$40,000	\$0	\$40,000
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$14,762	\$985,738	\$4,328,805	\$1,290,000	\$0	\$6,619,305

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$14,762	\$106,500	\$14,762
2 Preliminary Design	\$0	\$0	\$0	\$471,813	\$985,738
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$14,762	\$578,313	\$1,000,500

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$91,738	(\$91,738)	\$0	\$0
2 Preliminary Design	(\$513,925)	\$91,738	\$0	(\$422,187)
3 Final Design	\$0	\$2,462,983	\$2,462,983	\$0
4 Implementation	\$0	\$1,865,822	\$1,865,822	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	(\$422,187)	\$4,328,805	\$4,328,805	(\$422,187)

NARRATIVES	TDC REPL SIGNAL PRIORITY EQUIP	1124427
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Current Scope

Replace Signal Priority Equipment - This project will implement a new TSP system. This project will be done in conjunction with the 4.9GHz wireless network and Intelligent Transportation Systems (ITS) Architecture update project utilizing the Systems Engineering approach. The project scope includes:

- Detailed system design of the new TSP system to match the Concept of Operations (ConOps), solution architecture, and specifications for procurement of a new TSP system completed in prior phases of the project.
- Initial intersection design, installation and testing to System acceptance.
- Full intersection design, installation and testing.
- Project closeout.

Work will be performed by King County staff, consultant teams where specific subject matter expertise is necessary, and by Vendors.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

TDC REPL SIGNAL PRIORITY EQUIP

1124427

Project Justification

Transit signal priority (TSP) is one of several branded elements of Transit's RapidRide program that has been a key element in Transit operations for more than a decade. At the end of 2014, there were 180 operating TSP installations with more than 20 under development. The system is designed to improve transit speed and reliability by requesting special treatment for buses at signals on TSP equipped corridors – either by holding a green light to allow a bus to pass, or by shortening its wait at a red light.

The status of the current TSP system creates the need to pursue a replacement for the existing TSP system, specifically:

- Equipment for the wireless network used to carry the TSP message is no longer available for purchase to maintain or expand this and other systems using the network (see the 4.9GHz wireless network replacement and ITS Architecture update project).
- The Transit Priority Request Generator (TPRG) software and majority of hardware is based on a 20 year old design limiting its maintainability and ability to integrate with modern transportation technologies.

The project supports the Transit goal of Service Excellence, by improving speed and reliability. It also supports the goal of Financial Stewardship, because the replacement system is intended to improve the accuracy, ease of use and reliability of the system.

Budget Request Basis

The request for 2017/18 biennium is to cover detailed design of the system as well as deployment on initial corridors in order to test before rollout system-wide.

Project Status

Work completed to date: Begin project startup, select consultants, review technology, standards and policies; assess business needs; perform and document an alternatives analysis.

Work planned for the 2017-18 timeframe is: Detailed design of the system and deployment on initial corridors in order to test before rollout system-wide.

Alternatives Analysis

Alternatives Analysis has been completed. Multiple options have been considered and the option most beneficial to Metro overall has been selected to take forward into the Preliminary Design phase.

Funding and Revenue Discussion

This project will be funded by the Public Transportation Fund, capital subfund, and by Grant funds via WSDOT Agreement GCB2297 for 2015-2017 Tier Projects.

Other Agency Involvement

King County Roads, KCIT and multiple signal operation jurisdictions such as City of Seattle, City of Bellevue and others are involved in various ways with this project. Coordination and cooperation are occurring per the project plan.

Art Eligibility

This project is not visible to the public.

Equity and Social Justice Impact

Maintaining and improving transit service throughout King County benefits communities of color and low income which are disproportionately transit-dependent

Strategic Climate Action Plan Alignment

N/A

Operating Budget Impacts

Operating costs are expected to decrease, but the decrease has not yet been quantified.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TDC REPL 4.9 NETWK & ROUTERS

1124429

MPA Reporting

Department	TRANSPORTATION
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3641 PUBLIC TRANS CONST-UNREST
Class Code	STANDALONE
Substantial Completion	07/03/2019
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 03/31/15 - 04/15/16	\$149,907	\$10,241	\$0	\$0	\$160,148
2 Preliminary Design 04/15/16 - 12/29/17	\$1,499,070	(\$602,070)	\$0	\$0	\$897,000
3 Final Design 01/26/17 - 08/15/17	\$0	\$13,302,239	\$0	\$0	\$13,302,239
4 Implementation 08/16/17 - 07/03/19	\$0	\$11,240,229	\$2,400,000	\$0	\$13,640,229
5 Closeout 07/04/19 - 03/11/20	\$0	\$0	\$100,000	\$0	\$100,000
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$1,648,977	\$23,950,639	\$2,500,000	\$0	\$28,099,616

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$23,950,639	\$2,500,000	\$0	\$26,450,639
Total Revenue	\$23,950,639	\$2,500,000	\$0	\$26,450,639

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		TDC REPL 4.9 NETWK & ROUTERS				1124429
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$160,148		\$0	\$0	\$0	\$160,148
2 Prelim Design	\$0	\$897,000	\$0	\$0	\$0	\$897,000
3 Final Design	\$0		\$13,302,239	\$0	\$0	\$13,302,239
4 Implementation	\$0		\$11,240,229	\$2,400,000	\$0	\$13,640,229
5 Closeout	\$0		\$0	\$100,000	\$0	\$100,000
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$160,148	\$897,000	\$24,542,468	\$2,500,000	\$0	\$28,099,616

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$160,148	\$149,907	\$160,148
2 Preliminary Design	\$0	\$0	\$0	\$1,499,070	\$897,000
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$160,148	\$1,648,977	\$1,057,148

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$10,241)	\$10,241	\$0	\$0
2 Preliminary Design	\$602,070	(\$602,070)	\$0	\$0
3 Final Design	\$0	\$13,302,239	\$13,302,239	\$0
4 Implementation	\$0	\$11,240,229	\$11,240,229	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$591,829	\$23,950,639	\$24,542,468	\$0

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

TDC REPL 4.9 NETWK & ROUTERS

1124429

Current Scope

Replace 9.4 Gigahertz Network and Routers - This project is requested because the County's 4.9 GHz wireless network equipment that Transit uses to upload and download data from the bus fleet as well as the ORCA readers, transit signal priority system and real-time information signs on the RapidRide corridors is reaching end-of-life. The proposed solution is to design, purchase, install, and test a replacement network that provides the same or better network connectivity supporting these Transit business operations. The scope of work includes design, engineering, procurement, integration, installation, testing and implementation of a new network that will replace the following components:

- 1,450 mobile routers installed on transit fleet, and 140 on RapidRide corridors;
- 44 access points installed at transit bases;
- 241 access points along RapidRide and other Intelligent Transportation System corridors;
- Back-office network controllers and related network management tools.

To maintain business continuity during the transition, Transit and KCIT will need to build and implement the new system as a parallel network at the bases and along the corridors, and then migrate the fleet by installing or modifying mobile routers in a coordinated, phased process.

Project Justification

The 4.9 GHz wireless network equipment that Transit uses to upload and download data from the bus fleet at the bases and on RapidRide lines is reaching end-of-life. This network also provides network connectivity for ORCA readers and Real-Time Information Signs (RTIS) on the RapidRide corridors, and enables Transit Signal Priority (TSP) communications on RapidRide and other routes.

Transit and KCIT need to deploy a replacement system before the existing system becomes non-functional. This project is a necessary life cycle replacement to maintain a state of good repair, and ensure business continuity.

This proposal supports Goal 6 of the Strategic Plan, Financial Stewardship, by providing and maintaining capital assets to support efficient and effective service delivery. It also supports Goal 3, Economic Growth and Built Environment, by meeting the growing need for transportation service and facilities.

Budget Request Basis

The project received initial funding for planning in 2015/16 budget cycle. Funding is requested for the preferred alternative. Because more details are known at this stage of planning, more confidence has been established around the estimate to complete. Additional work during this phase, including a concept of operations and a cost-risk analysis, will further refine the estimate and confirm the requested contingency percentage prior to entering into the next phases of work (detailed design, installation, testing, etc).

The requested budget will cover all future phases of work, including detailed design, installation, testing, commissioning of the new system and decommissioning of the legacy system, and project closeout. The work is expected to extend into 2020.

Project Status

The project started in 2015; requirements analysis and preliminary design are occurring in 2016. Procurement will occur in 2017, with installation and testing occurring in mid-2017 through 2019. Closeout is scheduled for 2020.

Alternatives Analysis

A complete alternatives analysis was performed as part of the current Planning stage of the project. The Project Steering Committee approved the recommended alternative of a wireless network solution for Transit comprised of a commercial cell network over the Urban Growth Boundary, combined with a WiFi Plus (5.9 and DSRC) network at bases and along targeted corridors.

Funding and Revenue Discussion

This project is funded by the Public Transportation Fund, capital subfund.

Other Agency Involvement

KCIT, particularly Network Engineering, will be involved with this project.

Art Eligibility

Project not visible to the public.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

TDC REPL 4.9 NETWK & ROUTERS

1124429

Equity and Social Justice Impact

The project enables customers to continue to use the ORCA card to pay for their fares. The project also supports automated on-board announcements and electronic displays for the next stop. This information is helpful to all customers since it provides useful customer information to all customers, including those who may not be able to read street signs and other written information. Announcements are generally repeated more than once, which gives all riders more than one opportunity to receive the information.

Strategic Climate Action Plan Alignment

Not applicable to this project.

Operating Budget Impacts

Annual operating costs are expected to exceed \$100,000 when the system is implemented in 2018. Operating costs due to this project will replace operating costs of existing system.

Year operating costs will begin: Projected to begin in 2018 on a limited basis. Full operating costs projected to begin in 2019.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TDC ORCA REPLACEMENT

1124456

Department	TRANSPORTATION
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3641 PUBLIC TRANS CONST-UNREST
Class Code	STANDALONE
Substantial Completion	12/31/2022
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$220,000	\$937,866	\$0	\$0	\$1,157,866
2 Preliminary Design	\$528,000	\$3,939,009	\$0	\$0	\$4,467,009
3 Final Design	\$0	\$6,459,031	\$0	\$0	\$6,459,031
4 Implementation	\$0	\$31,597,261	\$11,099,255	\$2,251,695	\$44,948,211
5 Closeout	\$0	\$0	\$0	\$95,801	\$95,801
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$748,000	\$42,933,167	\$11,099,255	\$2,347,496	\$57,127,918

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$42,933,167	\$11,099,255	\$2,347,496	\$56,379,918
Total Revenue	\$42,933,167	\$11,099,255	\$2,347,496	\$56,379,918

EXPENSE

TDC ORCA REPLACEMENT

1124456

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$14,814	\$1,143,052	\$0	\$0	\$0	\$1,157,866
2 Prelim Design	\$0		\$4,876,875	\$0	\$0	\$4,876,875
3 Final Design	\$0		\$6,459,031	\$0	\$0	\$6,459,031
4 Implementation	\$0		\$0	\$34,952,645	\$9,787,875	\$44,740,520
5 Closeout	\$0		\$0	\$0	\$303,492	\$303,492
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$14,814	\$1,143,052	\$11,335,906	\$34,952,645	\$10,091,367	\$57,537,784

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$14,814	\$220,000	\$1,157,866
2 Preliminary Design	\$0	\$0	\$0	\$528,000	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$14,814	\$748,000	\$1,157,866

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$937,866)	\$937,866	\$0	\$0
2 Preliminary Design	\$528,000	\$3,939,009	\$4,876,875	(\$409,866)
3 Final Design	\$0	\$6,459,031	\$6,459,031	\$0
4 Implementation	\$0	\$31,597,261	\$0	\$31,597,261
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	(\$409,866)	\$42,933,167	\$11,335,906	\$31,187,395

NARRATIVES

TDC ORCA REPLACEMENT

1124456

Current Scope

One Regional Card for All (ORCA) Replacement - This project is for replacement of the existing ORCA smart card regional fare collection system. The future fare collection system that will replace the existing system operated by regional transit agencies is expected to include the following elements:

- Fare card readers or validators at all fare collection points, including buses, rail and streetcar stations;
- Operator displays and functionality to collect and manage fares while delivering service;
- Fare inspection equipment for fare enforcement officers;
- Agency servers and other equipment needed to collect fares from readers, and otherwise manage system devices and functions;
- A central clearinghouse and associated financial processing to manage, reconcile and settle transactions;
- System websites for agency management, business accounts and customer uses;
- Reporting and management processes required for system implementation and ongoing maintenance.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

TDC ORCA REPLACEMENT

1124456

Project Justification

The regional ORCA transit fare collection system was deployed in 2009. The current operating and maintenance contract for the ORCA system is scheduled to end in 2020. King County Metro Transit, along with its regional partners in the ORCA system, has embarked on planning for a new system to replace the current system (although ORCA as a regional brand will be retained). The project will ensure that Metro Transit can continue to collect transit fare revenue beyond 2020, using modern, supportable technology.

This effort supports two transit goals. It supports Financial Stewardship, because it is replacing an existing system, and one that supports fare collection. The project also supports the goal of Economic Growth and Built Environment because Metro Transit is part of a regional fare collection system.

If this effort is not funded, King County would not be able to fully participate in the regional ORCA system replacement. If a replacement system is not available when the current O&M contract ends in 2020, fare collection other than through fare box, could be impacted.

• An indication of whether the project specifically and significantly addresses any of the following Strategic Initiatives:

Equity and Social Justice ☒ Yes ☐ No

Strategic Climate Action Plan ☐ Yes ☒ No

Best Run Government ☐ Yes ☒ No

Budget Request Basis

The additional budget request is being made in the 2017/2018 budget due to the need to meet regional commitments which includes signing vendor contracts in 2018 to implement the ORCA replacement system. Additional contracts will be required for systems integration work and other regional commitments. The requested budget will support the project through implementation and close-out, based on current estimates.

The budget was developed based on the regional budget estimates provided by the Next Generation ORCA regional project team and includes the design and implementation of the replacement to the ORCA system including vehicle and street side fare payment equipment. Significant software development and integration to existing non-ORCA systems will also be required. Further estimates include the King County staffing requirements for the design and procurement phases of the Next Generation ORCA system. Estimates will be refined as the project moves forward and the concept of operations is finalized and vendor contracts awarded.

Project Status

The scope of work for 2017/2018 includes participation in the regional procurement and design process, with the following expected outcomes.

The scope of the procurement is expected to include:

- Development of Request for Proposal (RFP)
- Review and analysis of RFP responses
- Vendor evaluation and selection

The scope of the design is expected to include:

- Detailed design specifications
- Integration planning
- Installation planning

Costs in the 2019-2022 timeframe are very rough estimates which will be refined in the next biennial budget.

The regional project team has been assembled. The Request for Information (RFI) and first round of Concept of Operations have been conducted which will lead to the preliminary design requirements and procurement.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

TDC ORCA REPLACEMENT

1124456

Alternatives Analysis

Alternative will be explored as part of the planning/ pre design process.

Funding and Revenue Discussion

Public Transportation Fund, capital sub fund. The region may seek grants as opportunities become available.

Other Agency Involvement

King County and its six partner agencies (Sound Transit, Washington State Ferries, Community Transit, Pierce Transit, Kitsap Transit and Everett Transit) are starting to plan for the replacement of the current ORCA system. The regional ORCA Needs Assessment and Technology Survey identified the following strategic objectives for the new system:

- Improve customer experience
 - o Programs for people with no or limited access to conventional bank accounts
 - o Business and institutional programs
 - o Instantaneous availability of loaded value
 - Increase ORCA usage
 - o All modes
 - o Marketing penetration
 - Fiscal responsibility
 - o Lower Total Cost of Ownership (TCO)
 - o Lower upgrade and improvement costs
 - Operational efficiency
 - o Roll out new functionality and upgrades faster
 - o Make data easier to access for agencies and public
- KCIT will be involved in this process, from a systems integration perspective.

Art Eligibility

This project is for hardware replacement and software that is not visible to the public, so it is exempt from an art contribution.

Equity and Social Justice Impact

Not applicable to the project

Strategic Climate Action Plan Alignment

Not applicable to the project

Operating Budget Impacts

Unknown at this time.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TDC CIP GRANT CONTINGENCY

1124523

Master Project, Art Eligible

Department	TRANSPORTATION
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3641 PUBLIC TRANS CONST-UNREST
Class Code	TDC CIP GRANT CONTINGENCY
Substantial Completion	
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$780,120	\$0	\$0	\$780,120
3 Final Design	\$0	\$1,660,280	\$0	\$0	\$1,660,280
4 Implementation	\$3,302,820	(\$3,302,820)	\$3,559,600	\$0	\$3,559,600
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$3,302,820	(\$862,420)	\$3,559,600	\$0	\$6,000,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
33118 - FED TRANSIT CAP INVEST	(\$862,420)	\$3,559,600	\$0	\$2,697,180
Total Revenue	(\$862,420)	\$3,559,600	\$0	\$2,697,180

EXPENSE TDC CIP GRANT CONTINGENCY 1124523

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$780,120	\$0	\$0	\$780,120
3 Final Design	\$0	\$0	\$1,660,280	\$0	\$0	\$1,660,280
4 Implementation	\$0	\$0	\$0	\$3,559,600	\$0	\$3,559,600
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$0	\$0	\$2,440,400	\$3,559,600	\$0	\$6,000,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$3,302,820	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$3,302,820	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$780,120	\$780,120	\$0
3 Final Design	\$0	\$1,660,280	\$1,660,280	\$0
4 Implementation	\$3,302,820	(\$3,302,820)	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$3,302,820	(\$862,420)	\$2,440,400	\$0

NARRATIVES

TDC CIP GRANT CONTINGENCY

1124523

Current Scope

CIP Grant Contingency Project - This is a contingency project for capital grants that Transit may receive during the 2017-2018 biennium. Currently, Transit expects to receive funding from the federal Surface Transportation Program for two projects:

1. Totem Lake/Kirkland/Bellevue/Eastgate transit corridor for speed and reliability improvements;
2. Renton to Auburn transit corridor for speed and reliability improvements.

The grant applications have been submitted.

Project Justification

Budget Request Basis

Project Status

Alternatives Analysis

Funding and Revenue Discussion

Other Agency Involvement

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	TDC CIP GRANT CONTINGENCY	1124523
Art Eligibility		
Equity and Social Justice Impact		
Strategic Climate Action Plan Alignment		
Operating Budget Impacts		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TDC BUS SECURITY CAMERA REPL

1124538

Department	TRANSPORTATION
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3641 PUBLIC TRANS CONST-UNREST
Class Code	STANDALONE
Substantial Completion	
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$24,000	(\$24,000)	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$20,000	(\$20,000)	\$0	\$0	\$0
4 Implementation	\$6,741,250	(\$4,869,350)	\$1,052,222	\$1,285,556	\$4,209,678
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$6,785,250	(\$4,913,350)	\$1,052,222	\$1,285,556	\$4,209,678

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	(\$4,913,350)	\$1,052,222	\$1,285,556	(\$2,575,572)
Total Revenue	(\$4,913,350)	\$1,052,222	\$1,285,556	(\$2,575,572)

EXPENSE TDC BUS SECURITY CAMERA REPL 1124538

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$0	\$0	\$0	\$0
2 Prelim Design	\$0		\$0	\$0	\$0	\$0
3 Final Design	\$0		\$0	\$0	\$0	\$0
4 Implementation	\$0	\$390,794	\$1,481,106	\$1,052,222	\$1,285,556	\$4,209,678
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$0	\$390,794	\$1,481,106	\$1,052,222	\$1,285,556	\$4,209,678

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$24,000	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$20,000	\$0
4 Implementation	\$0	\$0	\$0	\$6,741,250	\$390,794
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$6,785,250	\$390,794

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$24,000	(\$24,000)	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$20,000	(\$20,000)	\$0	\$0
4 Implementation	\$6,350,456	(\$4,869,350)	\$1,481,106	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$6,394,456	(\$4,913,350)	\$1,481,106	\$0

NARRATIVES

TDC BUS SECURITY CAMERA REPL

1124538

Current Scope

Bus Security Replacement Project - This project provides for the systematic replacement of on-board camera systems that have been installed between 2008 and 2014. The current systems include cameras (4-11 depending on the size of the bus), microphones, closed circuit televised video, a digital video recorder (DVR) and DVR hard drive.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

TDC BUS SECURITY CAMERA REPL

1124538

Project Justification

The On-Board Camera System (OBCS) replacement project supports King County and Metro Transit strategic goals associated with Security and Safety as well as Financial Stewardship. The Projects accomplishes the Strategic Plan goals by replacing aging equipment to maintain a "state of good repair. When the OBCS are capturing and recording video operator and rider safety enhanced, improves the outcome of investigations and mitigates liability risks inherent to the operation of public transportation. The OBCS record provides those that investigated accidents, or unlawful or inappropriate conduct an impartial view of what occurred. The goal is supported in the following ways:

- Deterrence. When cameras are plainly visible, they can have a calming effect on individuals thinking about engaging in behavior that is unacceptable on the bus.
- Evidence. When a bad thing happens on a coach, whether it's an obvious crime or a suspected one, an operating CCTV system can provide good evidence to determine what, when, where, how, and often even who was involved in an incident. This can aid in subsequent prosecution.
- Risk Mitigation. The presence of an operating camera system establishes whether an event occurred, and more specifically, whether an event occurred as was claimed. While an operator may have one version and a complainant may have another, the arbiter can be the video images captured by a camera – reducing claim expense and deterring future bad behaviors by abusive claimants.
- Perception of safety. Employees and Customers are often put at-ease by the presence of items and devices which portray ownership and a concern for safety.

Since the first installation of cameras, the demand for images from the PAO, Risk Management, and external media has steadily increased until the first question that is often asked when there is an incident on a coach is "Is it a camera equipped coach?" Camera images have been used by both the PAO and Risk Management to resolve questions of liability, frequently saving the county from prosecuting and paying claims that were not valid. In order to continue to meet the demands for camera images it is imperative that all the elements of the system be in good working order, which includes replacing older systems before they fail.

Based on an analysis done in August, 2013 the reliability of the camera system is 85%. Unfortunately, there have been a number of high profile incidents where the cameras systems were not working. This led to a series of steps to improve the reliability of the systems. Systematic replacement of aging systems is one element of improving reliability.

Budget Request Basis

Metro developed the Bus Security Camera Replace Project budget using in-house experience and the OBCS manufacturer's anticipated useful life of individual system components. A vendor quote provided individual component prices for 2017. An examination of past OBCS component removal and replacement work-orders were used to determine labor hours and cost associated with the Bus Security Camera Replacement project.

Project Status

During 2015, Vehicle Maintenance Electric Shop established OBCS component replacement schedule and related labor to remove and replace OBCS components. The project started in earnest in 2016. It will continue until automated health monitoring is available in 2018 or 2019 once wireless communication and OBCS administrative software replaces the need for systematic replacement of system components.

Alternatives Analysis

The risk of not replacing existing camera systems is equipment failure and the inability to capture video images in a security and/or safety event. Some existing on bus camera systems will be 7 years old in 2016. The competitive procurement process will be undertaken as part of this project.

Funding and Revenue Discussion

This project will be funded by the Public Transportation Fund, capital sub fund.

Other Agency Involvement

No other agencies are involved with this effort.

Art Eligibility

This project is for equipment replacement and is not eligible for an art contribution.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	TDC BUS SECURITY CAMERA REPL	1124538
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Equity and Social Justice Impact

N/A

Strategic Climate Action Plan Alignment

N/A

Operating Budget Impacts

Systematic replacement of the camera systems is one part of the cost equation, as replacing devices that are beyond their useful life will result in lower costs associated with maintaining system reliability. The ongoing costs of future changes to the camera systems will be examined as part of the broader effort that will be undertaken in the biennium to develop a long term strategy for camera use and deployment.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TDC ALTERNATIVE SERVICES

1126349

Department	TRANSPORTATION
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3641 PUBLIC TRANS CONST-UNREST
Class Code	STANDALONE
Substantial Completion	
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation 01/01/17 - 12/31/18	\$2,316,144	\$5,612,859	\$0	\$0	\$7,929,003
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$2,316,144	\$5,612,859	\$0	\$0	\$7,929,003

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$5,051,715	\$0	\$0	\$5,051,715
39513 - SALE OF EQUIPMENT	\$561,144	\$0	\$0	\$561,144
Total Revenue	\$5,612,859	\$0	\$0	\$5,612,859

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		TDC ALTERNATIVE SERVICES					1126349
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense	
1 Planning	\$0		\$0	\$0	\$0	\$0	
2 Prelim Design	\$0		\$0	\$0	\$0	\$0	
3 Final Design	\$0		\$0	\$0	\$0	\$0	
4 Implementation	\$0	\$2,245,245	\$5,683,758	\$0	\$0	\$7,929,003	
5 Closeout	\$0		\$0	\$0	\$0	\$0	
6 Acquisition	\$0		\$0	\$0	\$0	\$0	
Total Expense	\$0	\$2,245,245	\$5,683,758	\$0	\$0	\$7,929,003	

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$2,316,144	\$2,245,245
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$2,316,144	\$2,245,245

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$70,899	\$5,612,859	\$5,683,758	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$70,899	\$5,612,859	\$5,683,758	\$0

NARRATIVES	TDC ALTERNATIVE SERVICES	1126349
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Current Scope

Alternative Services Project - This project plans to purchase vehicles to allow implementation of alternative services in partnership with jurisdictions throughout King County. A variety of vehicle types are required to support different service types. Vehicle types include 12 and 18 passenger vans, similar to those purchased for the ACCESS program, that are used for community shuttle services like those implemented in Snoqualmie, Mercer Island and Burien. Metro will also purchase retired vans from our vanpool fleet and ramp mini vans. These will be used to provide TripPools (flexible van sharing) and community van products. These products are launching in 2nd quarter 2016 in Mercer Island and Duvall. Additional product launches are in the planning stages for SE King County, Vashon Island, Bothell-Woodinville, Kirkland/Kenmore. Provisions for purchasing some new accessible vans are included, to ensure all service types are fully accessible.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

TDC ALTERNATIVE SERVICES

1126349

Project Justification

The project is required to implement the 2015-2018 alternative services demonstration program, initially created through adoption of the Five-Year Alternative Services Delivery Plan in 2012, and expanded by \$12 million with adoption of the 2015-2016 King County budget. The program helps achieve Metro's strategic goal 2, Human Potential, by expanding appropriate types of public transportation to areas not well served by fixed route transit. Projects will be evaluated based on ridership, population served, and cost-effectiveness. With budget adoption, the Council described alternative services as a demonstration program and required an evaluation report of the program by September 2016. Metro is required to plan and implement projects in an expeditious fashion to meet the mobility needs of communities affected by service reductions and to complete implementation of the Five-Year alternative services plan. Alternative services will use a variety of vehicle types, mostly vans and small shuttles, to deliver services throughout the county.

Budget Request Basis

The basis of this request is continuation of the 2015-2018 alternative services demonstration program. In order for additional pilot projects to be undertaken during the last two years of the demonstration program, capital funds are required to augment the fleet of vehicles currently in use. The request is based on a number of vans needed to implement the planned programs.

Project Status

The first project was implemented in September 2013, using ACCESS vehicles purchased for Alternative Service in 2013. A second project, implemented in February 2015, utilized Alternative Service and Access vehicles purchased via the ACCESS program. Two shuttles implemented in June 2015, for Mercer Island and Burien, are using vehicles purchased by the contractor for that purpose. Metro has also purchased retired vans from our vanpool fleet and ramp mini vans to provide TripPools (flexible van sharing) and community van products. These products are launching in 2nd quarter 2016 in Mercer Island and Duvall. Additional alternative services are in the planning stages for Redmond, SE King County, Vashon Island, Bothell-Woodinville, and Kirkland/Kenmore and will launch in 2016 and in early 2017.

Alternatives Analysis

A variety of strategies have been used implemented to meet the capital requirements of this new program. In order to meet initial implementation deadlines for June 2015, a contractor purchase model was used for vehicles. This model is not desired for all shuttle type vehicles, however, because Metro wants to maintain maximum flexibility for partnerships and future providers for these types of services. Metro will also consider the use of retired vanpool vans for many of the smaller capacity service as this reduces capital expense while service is still in the demonstration mode. However, if Metro is unable to purchase vehicles to implement the service, Metro cannot deliver the alternative services program as requested by Council.

Funding and Revenue Discussion

This project is funded by the Public Transportation Fund, capital sub fund.

Other Agency Involvement

No other agencies are involved in this project.

Art Eligibility

Vehicle purchases are ineligible for the art contribution.

Equity and Social Justice Impact

This project will implement services that provide access to safe and efficient public transportation to people in areas where there may be gaps in the fixed-route transportation system.

Strategic Climate Action Plan Alignment

N/A

Operating Budget Impacts

Operating costs are included in the alternative services budget, and will consist of maintenance, insurance, fuel and labor in the case of contracted services.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TDC RT 245 OPERATIONAL IMP

1126880

Department	TRANSPORTATION
Council District(s)	3, 6, 9
Fund	3641 PUBLIC TRANS CONST-UNREST
Class Code	STANDALONE
Substantial Completion	06/15/2018
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design 08/01/15 - 06/15/16	\$0	\$0	\$0	\$0	\$0
3 Final Design 06/15/16 - 03/15/15	\$0	\$450,061	\$0	\$0	\$450,061
4 Implementation 03/16/17 - 12/31/17	\$841,968	\$1,414,940	\$0	\$0	\$2,256,908
5 Closeout 01/01/18 - 06/30/18	\$0	\$50,000	\$0	\$0	\$50,000
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$841,968	\$1,915,001	\$0	\$0	\$2,756,969

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$383,001	\$0	\$0	\$383,001
33118 - FED TRANSIT CAP INVEST	\$1,532,000	\$0	\$0	\$1,532,000
Total Revenue	\$1,915,001	\$0	\$0	\$1,915,001

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		TDC RT 245 OPERATIONAL IMP				1126880
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$0	\$0	\$0	\$0
2 Prelim Design	\$16,908	\$550,000	\$0	\$0	\$0	\$566,908
3 Final Design	\$61	\$275,000	\$175,000	\$0	\$0	\$450,061
4 Implementation	\$0		\$1,690,000	\$0	\$0	\$1,690,000
5 Closeout	\$0		\$50,000	\$0	\$0	\$50,000
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$16,968	\$825,000	\$1,915,000	\$0	\$0	\$2,756,968

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$16,908	\$0	\$566,908
3 Final Design	\$0	\$0	\$61	\$0	\$275,061
4 Implementation	\$0	\$0	\$0	\$841,968	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$16,969	\$841,968	\$841,969

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	(\$566,908)	\$0	\$0	(\$566,908)
3 Final Design	(\$275,061)	\$450,061	\$175,000	\$0
4 Implementation	\$841,968	\$1,414,940	\$1,690,000	\$566,908
5 Closeout	\$0	\$50,000	\$50,000	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	(\$1)	\$1,915,001	\$1,915,000	\$0

NARRATIVES	TDC RT 245 OPERATIONAL IMP	1126880
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Current Scope

Route 245 Operational Improvements - The Route 245 Corridor Improvements project will implement a package of transit preferential treatments within the existing right-of-way along the route that spans Kirkland, Redmond, and Bellevue. The project implementation includes traffic signal retiming, traffic signal modification, pavement markings, bus access improvements, and bus stop facilities improvements. The project will fund the pre-design and design, procurement of updated signal equipment, construction, and operational changes. With the project, Route 245 is expected to see travel time savings of 5-7 percent of total travel time.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

TDC RT 245 OPERATIONAL IMP

1126880

Project Justification

King County experiences high levels of traffic congestion which reduces bus service reliability and increases travel time. The reliability of Route 245 regularly falls below King County Metro's system wide 80 percent goal for on-time performance and has especially poor reliability in the evening peak commute time when on-time performance is only 70 percent. Bus routes with poor reliability and slow travel times are unattractive to riders and incur increased person delay, wasted fuel and higher levels of emissions.

The expected outcomes of this project are to improve the Route 245 on-time performance and its travel time reliability. The project goal is consistent with the strategic goal of service excellence.

Budget Request Basis

This is a new project in 2017/2018. The total funding appropriation requested is \$2,740,000 to cover the pre-design, design, and implementation phases. \$1.0M for pre-design and design phases, and \$1.74M for implementation phase.

Project Status

New

Alternatives Analysis

Not applicable to this project.

Funding and Revenue Discussion

The project has secured the State Regional Grant for \$1,912,000. Local match fund comes from the Transit Priority Improvement (\$548,000). The source of the funding is the Public Transportation Fund, capital subfund.

Other Agency Involvement

Cities of Bellevue, Kirkland, and Redmond

City will need to review the project proposal and design plan; assist in the implementation phase.

Art Eligibility

This project is not eligible for art because the funding is for roadway and signal improvements belonging to other jurisdictions.

Equity and Social Justice Impact

Maintaining and improving transit service throughout King County benefits communities of color and low income which are disproportionately transit-dependent.

Strategic Climate Action Plan Alignment

Not applicable to this project. Roadway and signal infrastructures are owned and maintained by local jurisdictions.

Operating Budget Impacts

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TDC COMFORT STATIONS

1127330

Master Project, Art Eligible

Department	TRANSPORTATION
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3641 PUBLIC TRANS CONST-UNREST
Class Code	TDC COMFORT STATIONS
Substantial Completion	
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 09/04/15 - 02/09/17	\$0	\$68,138	\$0	\$0	\$68,138
2 Preliminary Design 12/01/15 - 02/09/17	\$350,000	\$76,842	\$0	\$0	\$426,842
3 Final Design 02/10/17 - 02/06/18	\$400,000	\$678,435	\$0	\$0	\$1,078,435
4 Implementation 01/05/17 - 02/07/19	\$347,150	\$1,923,080	\$2,510,193	\$2,020,000	\$6,800,423
5 Closeout 02/08/19 - 08/08/19	\$0	\$0	\$51,849	\$0	\$51,849
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$1,097,150	\$2,746,495	\$2,562,042	\$2,020,000	\$8,425,687

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$27,193	\$25,367	\$20,000	\$72,560

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$2,746,495	\$2,562,042	\$2,020,000	\$7,328,537
Total Revenue	\$2,746,495	\$2,562,042	\$2,020,000	\$7,328,537

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		TDC COMFORT STATIONS				1127330
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$26,660	\$41,478	\$0	\$0	\$0	\$68,138
2 Prelim Design	\$1,689	\$209,022	\$216,131	\$0	\$0	\$426,842
3 Final Design	\$0		\$1,078,435	\$0	\$0	\$1,078,435
4 Implementation	\$0		\$2,270,230	\$2,510,193	\$2,020,000	\$6,800,423
5 Closeout	\$0		\$0	\$51,849	\$0	\$51,849
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$28,349	\$250,500	\$3,564,796	\$2,562,042	\$2,020,000	\$8,425,687

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$26,660	\$0	\$68,138
2 Preliminary Design	\$0	\$0	\$1,689	\$350,000	\$210,711
3 Final Design	\$0	\$0	\$0	\$400,000	\$0
4 Implementation	\$0	\$0	\$0	\$347,150	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$28,349	\$1,097,150	\$278,849

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$68,138)	\$68,138	\$0	\$0
2 Preliminary Design	\$139,289	\$76,842	\$216,131	\$0
3 Final Design	\$400,000	\$678,435	\$1,078,435	\$0
4 Implementation	\$347,150	\$1,923,080	\$2,270,230	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$818,301	\$2,746,495	\$3,564,796	\$0

NARRATIVES TDC COMFORT STATIONS 1127330

Current Scope

Comfort Stations Program - This project involves siting, design and construction of permanent comfort stations for transit operators throughout the Metro Transit System. A number of routes terminate at locations where no restroom facilities are available for drivers or where restroom facilities exist, but are only available during regular business hours. This project provides restroom facilities at 6 prioritized locations (Eastgate P&R, Sandpoint Way at NE 70th Street, SODO Busway, Westwood Village, Tukwila International Boulevard Station and Vashon Island) thru 2019, although the program will likely continue beyond that timeframe.

Project Justification

King County Metro is committed to improving the availability of operator comfort stations by providing permanent rest room facilities for bus operators on several routes where these facilities are not available. King County Metro adopted a policy in 2015 for the type of restroom facilities that are acceptable and how convenient they need to be to bus routes. Permanent, constructed facilities are planned only when other alternatives, like use agreements with commercial establishments, are not available. King County Metro is required to report progress on these efforts to Labor & Industries as a result of an agreement with the agency.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

TDC COMFORT STATIONS

1127330

Budget Request Basis

The project is a continuation from the budget established in 2015 and has progressed to the point where feasibility evaluations have been completed and preferred alternatives have been identified. The project estimate was updated to include the layover safety improvements at the SODO Busway site.

Project Status

The capital project started in late 2015. King County Metro Service Quality/Operations has identified and prioritized six locations where comfort stations are needed. They include Eastgate P&R, Sandpoint Way at NE 70th Street, SODO Busway, Westwood Village, Tukwila International Boulevard Station and Vashon Island. Design of the comfort station at Eastgate P&R is underway and will be completed in 2016, with construction complete in early 2017. Property agreements are also underway for the TIBS site (w/Sound Transit) and the Vashon Fire District (for Vashon). The current plan is to place all new comfort stations in service by 2019.

Alternatives Analysis

The project has conducted a feasibility study to determine the preferred locations and associated property agreements, and also to evaluate the availability of utilities to construct stations connected to sewer and water vs. stand-alone units.

Funding and Revenue Discussion

The project will be funded by the Public Transportation Fund, capital sub fund.

Other Agency Involvement

King County Metro will coordinate these projects with Sound Transit, WSDOT, and Vashon Fire District for locating comfort stations on their properties.

Art Eligibility

N/A

Equity and Social Justice Impact

Not applicable to the project.

Strategic Climate Action Plan Alignment

The King County Green Building Ordinance is being followed which has identified energy reduction, compact development footprint, and material recycling opportunities. This project will improve energy efficiency consistent with the 2010 Energy Plan, compared to previous Metro comfort station projects. The project anticipates implementing energy efficient heating and ventilation system design for each station.

Operating Budget Impacts

The annual budget for maintenance of a comfort station is approximately \$30,000.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TDC EL BUS CHRGR INFRASR

1129299

Art Eligible

Department	TRANSPORTATION
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3641 PUBLIC TRANS CONST-UNREST
Class Code	STANDALONE
Substantial Completion	
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation 01/01/17 - 12/31/22	\$0	\$5,466,727	\$7,165,194	\$2,951,776	\$15,583,697
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$5,466,727	\$7,165,194	\$2,951,776	\$15,583,697

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$54,126	\$70,943	\$29,226	\$154,294

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$2,790,577	\$7,165,194	\$2,951,775	\$12,907,546
33118 - FED TRANSIT CAP INVEST	\$2,676,150	\$0	\$0	\$2,676,150
Total Revenue	\$5,466,727	\$7,165,194	\$2,951,775	\$15,583,696

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		TDC EL BUS CHRGR INFRASCTR				1129299
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$5,466,727	\$7,165,194	\$2,951,776	\$15,583,697
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$0	\$0	\$5,466,727	\$7,165,194	\$2,951,776	\$15,583,697

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$5,466,727	\$5,466,727	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$5,466,727	\$5,466,727	\$0

NARRATIVES	TDC EL BUS CHRGR INFRASCTR	1129299
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Current Scope

Electric Bus Charging Infrastructure - This project will involve planning, design, and construction of multiple charging stations throughout Metro's service area. When completed there will be up to 4 more charging stations at various locations, most likely bus bases, park and rides, and transit centers to support battery electric bus operations.

Project Justification

This project is addressing the need to support increasing numbers of battery electric buses that are being introduced into Metro's fleet. It is being pursued now because the King County executive and council have called for aggressive pursuit of battery electric bus technology, and have committed to certain targets as measured by the proportion of Metro fleet buses that are zero emissions.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

TDC EL BUS CHRG INFRASTR

1129299

Budget Request Basis

Program costs were developed based on assumptions about numbers of battery electric buses that Metro expects to have in place by 2018 and into the more distant future (2022), and the charging infrastructure required to support their operation. Metro has installed one charging station to date and line item costs were developed from actual costs associated with that installation, as well as new information (charging station hardware has dropped in price), and other known costs of which we are aware. The back-up "cost detail" tab in the Cash Flow and Labor Forecast spreadsheet explain this in some detail.

Project Status

Three battery electric fast charge buses are in service on east side routes 226 and 241 and being supported by one fast charge station at Eastgate Park and Ride. Eight more battery electric buses will be accepted and placed into service in the 2017-18 biennium and will operate primarily on these same routes. Additional charging stations are expected to be placed at Bellevue Base, Bellevue Transit Center, and potentially one more at the Eastgate park and ride. Locations of the other five charging stations will be dependent upon ongoing and future studies to determine the most suitable locations for charging infrastructure and bus routes.

Alternatives Analysis

Alternatives analysis is ongoing for determining future bus routes and charging infrastructure siting. The alternatives analysis recommendations will be expected to inform future bus and charging infrastructure decisions.

Funding and Revenue Discussion

This project is funded by the Public Transportation Fund, capital sub fund as well as federal grants.

Other Agency Involvement

- Other transit organizations (community transit, sound transit, pierce county, city of Seattle may participate;
- Utility companies such as Puget Sound Energy and Seattle City Light support will be needed;
- Permitting agencies having jurisdiction throughout the county.

Art Eligibility

N/A

Equity and Social Justice Impact

In siting and build-out of electric battery bus routes and charging infrastructure, equity and social justice impacts will be considered with attention being given to communities that are disproportionately impacted by pollution.

Strategic Climate Action Plan Alignment

- Grow fleet through 2020 with no net increase in operational GHG emissions;
- Deploy low CHG emissions fleet technologies at Metro.

Operating Budget Impacts

- Cost for power used will be an operating impact;
- Impact of additional hours for bus operators may be an impact;
- Power and Facilities will have costs to maintain the infrastructure;
- Vehicle maintenance costs may be decreased over time, as maintenance hours are expected to trend down as electric battery bus fleet grows.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TDC DT SEATTLE LAYOVER FAC

1129343

Art Eligible

Department	TRANSPORTATION
Council District(s)	2, 4, 8
Fund	3641 PUBLIC TRANS CONST-UNREST
Class Code	STANDALONE
Substantial Completion	
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 08/31/15 - 12/31/16	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design 09/28/16 - 01/01/17	\$0	\$3,634,810	\$0	\$0	\$3,634,810
3 Final Design 01/01/17 - 11/30/19	\$0	\$9,510,331	\$1,960,898	\$0	\$11,471,229
4 Implementation 06/01/17 - 06/30/20	\$0	\$6,866,540	\$54,386,276	\$1,365	\$61,254,181
5 Closeout 07/01/20 - 01/31/21	\$0	\$30,194	\$228,918	\$136,482	\$395,594
6 Acquisition 01/01/17 - 11/30/19	\$0	\$0	\$20,456,922	\$0	\$20,456,922
Total Budget	\$0	\$20,041,876	\$77,033,014	\$137,847	\$97,212,736

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$198,434	\$762,703	\$1,365	\$962,502

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$20,041,875	\$77,033,014	\$137,847	\$97,212,736
Total Revenue	\$20,041,875	\$77,033,014	\$137,847	\$97,212,736

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		TDC DT SEATTLE LAYOVER FAC				1129343
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$3,634,810	\$0	\$0	\$3,634,810
3 Final Design	\$0	\$0	\$3,909,389	\$7,561,840	\$0	\$11,471,229
4 Implementation	\$0	\$0	\$4,390,534	\$56,862,282	\$1,365	\$61,254,181
5 Closeout	\$0	\$0	\$30,194	\$228,918	\$136,482	\$395,594
6 Acquisition	\$0	\$0	\$0	\$20,456,922	\$0	\$20,456,922
Total Expense	\$0	\$0	\$11,964,927	\$85,109,962	\$137,847	\$97,212,736

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$3,634,810	\$3,634,810	\$0
3 Final Design	\$0	\$9,510,331	\$3,909,389	\$5,600,942
4 Implementation	\$0	\$6,866,540	\$4,390,534	\$2,476,006
5 Closeout	\$0	\$30,194	\$30,194	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$20,041,875	\$11,964,927	\$8,076,948

NARRATIVES	TDC DT SEATTLE LAYOVER FAC	1129343
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Current Scope

Downtown Seattle Layover Facility - The Center City Layover project (Project) includes development of permanent bus layover facilities in the northern downtown area of the City of Seattle, generally in the South Lake Union area, and the southern downtown area of the City of Seattle, generally in the Pioneer Square/International District area. The north layover includes two elements: interim facilities and long-term facilities. Development of the north layover facilities may include one or more sites in north downtown for the interim facilities and one or more sites in north downtown for the long-term facilities. The south layover currently only includes long-term facilities. Development of the south layover facilities may include one or more sites in south downtown for the long-term layover. Twelve (12) bus spaces are necessary in the north interim facilities. Thirty (30) to thirty-five (35) spaces are necessary in the north long-term facilities. Ten (10) to twenty (20) spaces are necessary in the south long-term facilities.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

TDC DT SEATTLE LAYOVER FAC

1129343

Project Justification

Layover is an essential component of transit service. Time spent in layover enables operators to rest between trips and provides a schedule buffer so new trips can begin on time. Historically, bus layover in the downtown Seattle area has been accommodated on-street or in a small number of off-street facilities such as the Convention Place Station (CPS) and International District Station (IDS). In the coming years, as Metro removes routes from the Downtown Seattle Transit Tunnel, buses currently utilizing off-street layover at CPS and IDS will be shifted to other locations. The Center City Layover Project is evaluating these potential locations, as well as replacement options for existing on-street layover displaced by the City of Seattle's reallocation of street Right-Of-Way use due to new development, bike facilities, Green Streets, and other changes in its street right-of-way.

Budget Request Basis

This request is based on the planning level estimates.

Project Status

New.

Alternatives Analysis

Alternatives analysis is currently underway and is targeted to be complete later this year.

Funding and Revenue Discussion

This project will be funded by the Public Transportation Fund, capital sub fund.

Other Agency Involvement

Other agencies involved in the current planning effort include City of Seattle Department of Transportation (SDOT) and Office of Planning and Community Development (OPCD) and Washington State Department of Transportation (WSDOT).

Art Eligibility

N/A

Equity and Social Justice Impact

Equity and social justice impacts may depend on the sites that are yet to be selected, and will be identified upon site selection.

Strategic Climate Action Plan Alignment

All layover facilities will be required to comply with King County's Green Building Ordinance.

Operating Budget Impacts

Future operating impacts are unknown at this time.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TDC TRANSFER ENV IMPR BUD

1129510

Art Eligible

Department	TRANSPORTATION
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3641 PUBLIC TRANS CONST-UNREST
Class Code	STANDALONE
Substantial Completion	
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$123,857	\$34,000	\$34,000	\$191,857
2 Preliminary Design	\$0	\$190,000	\$200,000	\$200,000	\$590,000
3 Final Design	\$0	\$164,000	\$173,000	\$178,000	\$515,000
4 Implementation	\$0	\$495,062	\$701,070	\$741,520	\$1,937,652
5 Closeout	\$0	\$5,000	\$10,000	\$10,000	\$25,000
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$977,919	\$1,118,070	\$1,163,520	\$3,259,509

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$9,780	\$11,181	\$11,635	\$32,596

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$977,919	\$1,118,070	\$1,163,520	\$3,259,509
Total Revenue	\$977,919	\$1,118,070	\$1,163,520	\$3,259,509

EXPENSE TDC TRANSFER ENV IMPR BUD 1129510

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$123,857	\$34,000	\$34,000	\$191,857
2 Prelim Design	\$0		\$190,000	\$200,000	\$200,000	\$590,000
3 Final Design	\$0		\$164,000	\$173,000	\$178,000	\$515,000
4 Implementation	\$0		\$495,062	\$701,070	\$741,520	\$1,937,652
5 Closeout	\$0		\$5,000	\$10,000	\$10,000	\$25,000
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$0		\$977,919	\$1,118,070	\$1,163,520	\$3,259,509

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$123,857	\$123,857	\$0
2 Preliminary Design	\$0	\$190,000	\$190,000	\$0
3 Final Design	\$0	\$164,000	\$164,000	\$0
4 Implementation	\$0	\$495,062	\$495,062	\$0
5 Closeout	\$0	\$5,000	\$5,000	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$977,919	\$977,919	\$0

NARRATIVES

TDC TRANSFER ENV IMPR BUD

1129510

Current Scope

Transfer Environment Improvement Budget - This program will improve the transfer environment at high ridership bus stops. This project will design and construct improvements at non-Sound Transit Link Integration projects identified in the Work Plan for Improving the Transfer Environment at Locations Impacted by University Link Bus Integration, and expand upon this effort to provide similar improvements at additional high ridership points throughout the Metro service area. The transfer locations include bus stops within reasonable walking distance. The package of improvements will include shelters, benches, lighting, trash receptacles, way finding, and real time information signs (RTIS). The Sound Transit Link integration improvements will be managed under a separate capital program focused on Sound Transit Link Station Integration.

Project Justification

This project will consist of subprojects/packages with the goal of design four to five projects and year and construct four to five projects per year. The plan is to have a package of projects in design and a separate package of projects in construction each year. The final subproject breakdown will be determined by mid-2017. A possible project structure/packages may include University Link related improvements, Park and Rides/Transit Centers, and/or a geographic/jurisdictional breakdown to facilitate packaging and permitting.

Transfers by riders connecting between bus routes, and between bus and rail, are expected to increase. Metro's vision is having transfer location environments that are convenient, safe, and accessible. Metro bus riders identify these characteristics as important in using Metro bus service. Ordinance 18133, adopted October 2015 by the King County Council, established the initial list of locations targeted for improvements. This list is directly related to the March 2016 Transit Service Change, focused on transfer locations impacted by University Link service integration. This project will expand on this list and provide improvements at high ridership/transfer locations throughout King County.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

TDC TRANSFER ENV IMPR BUD

1129510

Budget Request Basis

Transfers by riders connecting between bus routes, and between bus and rail, are expected to increase. Metro's vision is having transfer location environments that are convenient, safe, and accessible. Metro bus riders identify these characteristics as important in using Metro bus service. Ordinance 18133, adopted October 2015 by the King County Council, established the initial list of locations targeted for improvements. This list is directly related to the March 2016 Transit Service Change, focused on transfer locations impacted by University Link service integration. This project will expand on this list and provide improvements at high ridership/transfer locations throughout King County.

Project Status

New project proposed for the 2017/18 Transit Capital Program.

2017: Begin project prioritization, hire design consultant, and begin initial site design

2018: Complete design three to five locations and begin construction

The current list of projects includes locations experiencing additional transfer activity due to University Link service integration. Projects examples include as NE 65th St at Owego Pl NE, NE Ravenna Blvd; NE Ravenna Blvd at I-5, E Olive Way and Broadway East, and 23rd Ave E and E Denny Way. The initial list of Park and Rides/Transit Centers identified for RTIS improvements include Kent Station, Eastgate, South Kirkland, Mercer Island, and Issaquah.

Alternatives Analysis

The type of improvements/amenities is based on standard Metro practices. The transfer point identified for improvements will result from an evaluation of all Metro bus stops, focusing on those with high transfer activity, with additional analysis of geographic and social equity.

Funding and Revenue Discussion

The project funding is from the Public Transportation capital fund. The project will seek partnership where applicable.

Other Agency Involvement

This project will need coordination and support from local jurisdictions. Individual contacts will be identified in 2017.

Art Eligibility

Equity and Social Justice Impact

N/A

Strategic Climate Action Plan Alignment

Upon project initiation and initial planning work, it may be determined that this project will complete an annual Green Building and Sustainability Report.

Operating Budget Impacts

Annual operating costs associated with the project when complete: Marginal increase for utility power and bus shelter maintenance where applicable.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TDC BICYCLE PARKING EXP

1129621

Art Eligible

Department	TRANSPORTATION
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3641 PUBLIC TRANS CONST-UNREST
Class Code	STANDALONE
Substantial Completion	
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$11,229	\$0	\$0	\$11,229
3 Final Design	\$0	\$107,262	\$0	\$0	\$107,262
4 Implementation	\$0	\$185,519	\$1,711,948	\$1,711,948	\$3,609,415
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$304,010	\$1,711,948	\$1,711,948	\$3,727,906

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$3,010	\$16,950	\$16,950	\$36,910

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$142,639	\$1,711,948	\$1,711,948	\$3,566,535
33436 - WA ST DEPT TRANSPORTATION	\$161,371	\$0	\$0	\$161,371
Total Revenue	\$304,010	\$1,711,948	\$1,711,948	\$3,727,906

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		TDC BICYCLE PARKING EXP					1129621
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense	
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0	
2 Prelim Design	\$0	\$0	\$11,229	\$0	\$0	\$11,229	
3 Final Design	\$0	\$0	\$107,262	\$0	\$0	\$107,262	
4 Implementation	\$0	\$0	\$185,519	\$1,711,948	\$1,711,948	\$3,609,415	
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0	
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0	
Total Expense	\$0	\$0	\$304,010	\$1,711,948	\$1,711,948	\$3,727,906	

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$11,229	\$11,229	\$0
3 Final Design	\$0	\$107,262	\$107,262	\$0
4 Implementation	\$0	\$185,519	\$185,519	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$304,010	\$304,010	\$0

NARRATIVES	TDC BICYCLE PARKING EXP	1129621
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Current Scope

Bicycle Parking Expansion Project - This project will design and construct/install 36 secure bicycle parking spaces at over-crowded transit facilities. On-demand lockers or bike cages will be selected as suited to the site. Initial locations for assessment by Design and Construction are Issaquah Highlands, Northgate Transit Center, and Kent-Des Moines Park and Ride. Other locations will be considered depending on site assessments, available funds, and local demand.

Project Justification

Implement projects identified in the grant award to help relieve overcrowded P&Rs by supporting alternatives to reach them.

Budget Request Basis

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	TDC BICYCLE PARKING EXP	1129621
Project Status		
New. Currently assessing suitability of locations to add bike parking at overcrowded park and rides in order to relieve demand for car parking. Grant identifies three potential initial locations (Redmond TC, Northgate TC and Federal Way TC), and 19 additional locations to assess for suitability to the project. An estimated 36 total stalls could be added from this grant.		
Alternatives Analysis		
N/A		
Funding and Revenue Discussion		
State RMG grant (Park-and-ride Efficiency and Access grant (2015-2019 PIN 20150009) has been secured, 80% reimbursement. Other sources will be sought for future expansions of bike parking.		
Other Agency Involvement		
Coordination with ST for locations.		
Art Eligibility		
N/A		
Equity and Social Justice Impact		
Strategic Climate Action Plan Alignment		
N/A		
Operating Budget Impacts		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TDC VAN DISTR CENTER PARKING

1129622

Art Eligible

Department	TRANSPORTATION
Council District(s)	3
Fund	3641 PUBLIC TRANS CONST-UNREST
Class Code	STANDALONE
Substantial Completion	
Location	18655 N.E. Union Hill Road, Redmond 98056
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$2,375,745	\$2,808,518	\$0	\$5,184,263
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$2,375,745	\$2,808,518	\$0	\$5,184,263

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$23,522	\$27,807	\$0	\$51,329

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$2,375,745	\$2,808,518	\$0	\$5,184,263
Total Revenue	\$2,375,745	\$2,808,518	\$0	\$5,184,263

EXPENSE TDC VAN DISTR CENTER PARKING 1129622

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$2,375,745	\$2,808,518	\$0	\$5,184,263
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$0	\$0	\$2,375,745	\$2,808,518	\$0	\$5,184,263

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$2,375,745	\$2,375,745	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$2,375,745	\$2,375,745	\$0

NARRATIVES

TDC VAN DISTR CENTER PARKING

1129622

Current Scope

Van Distribution Center Parking - The King County Metro Transit Van Distribution Center (VDC) was constructed in 1997 and is located at 18655 N.E. Union Hill Road in Redmond. The VDC is the vehicle distribution facility for King County's commuter van fleet. Program support functions at the VDC include the following:

- Receipt of new vans;
- After-market preparation of vans prior to distribution to customers;
- Customer drop-off/pick-up locations for van starts, trades, and folds;
- Preparation of retired vans for sale
- Sales of retired vans.

The VDC, as currently utilized, has a 439 van capacity including use of the lot perimeter. This project funds an expansion of 100 parking stalls at the VDC to accommodate growth in the vanpool program. Adding capacity comes from paving land already owned by King County and use allowed by the City of Redmond.

Project Justification

Growth in service requires Metro to increase the number of vanpool vehicles, which creates the need for additional parking stalls to receive, prepare, and take in retired vehicles for other program uses, store, and then sell vehicles.

Budget Request Basis

The \$4.5 million ROM (rough order of magnitude) developed for On-Site Construction. Option A includes restriping of existing lot and expansion into the undeveloped portion of the VDC property.

Project Status

New.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

TDC VAN DISTR CENTER PARKING

1129622

Alternatives Analysis

The following alternatives are being considered:

- On-Site Construction A: restriping of existing lot and expansion into the undeveloped portion of the VDC
- Off-Site Construction B: purchase/lease new "satellite" lots
- Non-Construction Alternative A: conduct market research for parking at facilities owned/leased by other local transit agencies
- Non-Construction Alternative B: "Just in Time" delivery of vehicles

Funding and Revenue Discussion

This project is funded by the Public Transportation Fund, capital sub fund.

Other Agency Involvement

No other agencies will be involved in this project.

Art Eligibility

N/A

Equity and Social Justice Impact

Vanpool provides work transportation opportunities for groups that are not adequately served by public transportation due to uncommon work shifts, origins and destinations.

Strategic Climate Action Plan Alignment

The Vanpool fleet consists of 7 passenger minivans, and 12 and 15 passenger full size vans. The minivans are equipped with V6 gasoline engines, and the larger vans have V8 gasoline engines. There are also a small number of 5 passenger electric vehicles. The Vanpool program has a lifecycle requirement of 7 years, and occasionally retains vehicles for an additional 2-3 years for low mileage commute services. The extended service vehicle fleet is small in number and very few spend any significant time parked at the VDC. The retired Proviso/For Sale fleet will spend an average of 6-9 months at the VDC awaiting final disposition. As a result, all vehicles parked at the VDC for significant lengths of time are less than 10 years old, and have the most modern emission technology commercially available to their respective platforms.

The portion of the fleet parked at the VDC for extended lengths of time are started occasionally for preventive maintenance. The schedule is seasonal in nature. During the winter months the vehicles are started every two weeks and ran for five minutes each. During spring, summer and fall the vans are started every three weeks for five minutes each. Approximately 1/3 of those vehicles parked at the VDC will not reach their two or three week tenure to require the preventive maintenance start due to high turnover of vehicles. So, approximately only 2/3 of the parked fleet will receive a regular preventive maintenance start.

The Vanpool fleet is in the process of converting a portion of the fleet to either a plug-in electric hybrid vehicle (PHVE) or other hybrid fuel saving configuration. The first viable platform for consideration will be the minivan category, and the largest of the fleet. The Vanpool program anticipates adding PHVE minivans to the fleet in 2018 (pending Fiat-Chrysler's manufacturing schedule). This will significantly reduce the emissions created during the storage of vehicles at the VDC, especially as those vehicles reach their end of life cycle.

Operating Budget Impacts

No significant impact on the operating budget is expected.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TDC PASS SELES OFFICE RENOV

1129624

Art Eligible

Department	TRANSPORTATION
Council District(s)	8
Fund	3641 PUBLIC TRANS CONST-UNREST
Class Code	STANDALONE
Substantial Completion	12/31/2017
Location	201 S. Jackson St., Seattle 98104: King Street Center.
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design 01/01/17 - 04/30/17	\$0	\$45,437	\$0	\$0	\$45,437
4 Implementation 05/01/17 - 12/31/17	\$0	\$409,914	\$0	\$0	\$409,914
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$455,351	\$0	\$0	\$455,351

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$4,508	\$0	\$0	\$4,508

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$455,351	\$0	\$0	\$455,351
Total Revenue	\$455,351	\$0	\$0	\$455,351

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		TDC PASS SELES OFFICE RENOV				1129624
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$0	\$0	\$0	\$0
2 Prelim Design	\$0		\$0	\$0	\$0	\$0
3 Final Design	\$0		\$45,437	\$0	\$0	\$45,437
4 Implementation	\$0		\$409,914	\$0	\$0	\$409,914
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$0		\$455,351	\$0	\$0	\$455,351

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$45,437	\$45,437	\$0
4 Implementation	\$0	\$409,914	\$409,914	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$455,351	\$455,351	\$0

NARRATIVES TDC PASS SELES OFFICE RENOV 1129624

Current Scope

Pass Sales Office Renovation - This project would provide funding to design and implement improvements within the Transit Pass Sales lobby and Transit customer information Call Center at King Street Center.

The Pass Sales Lobby for customer information and pass sales is located on the ground floor of the King Street Center and is approximately 3,000 square feet. The preliminary list of changes, upgrades, repairs and replacements include: new carpet; fresh paint; replacement of the counter facing the customers; adding large, easily visible numbers above each cashier window to help direct customers ;possible upgrade of the information storage closets and racks on the west side of the lobby; possible improvements to lighting and improved camera angles for security; better placement of and security for the video screen and the computer that runs it; repaired/replaced pedestals behind the counter to replace worn and damaged cash drawers; better storage for behind-the-counter supplies; and possible upgrades to the HVAC, electrical, mechanical, and life-safety systems as required by current code.

The Call Center is located on the third floor of the King Street Center and is approximately 2,400 square feet. The preliminary list of changes, upgrades, repairs and replacements includes improvements consistent with other modifications in the King Street Center and possible upgrades to the HVAC, electrical, mechanical, and life-safety systems as required by current code.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

TDC PASS SELES OFFICE RENOV

1129624

Project Justification

The current pass sales lobby and the current customer information call center have not been upgraded since the building was occupied in 1999. Since that time, thousands of customers have come through the public area, there have been major changes to Transit products, sales methods and customer service technologies, and both areas show excessive wear and tear. Customer information displays need to be upgraded to make it easier to find and use materials in multiple formats such as large print. Sales counters need some re-design and adjustment to provide easier access for customers in wheelchairs or who have hearing/sight challenges. These elements specifically address the strategic initiative for equity and social justice and are consistent with other modifications at King Street Center.

Budget Request Basis

Funding is requested to design and implement improvements including more efficient and flexible work areas for staff, improved "flow" for customers buying fare media, improved customer information displays and improved security features such as better lighting and improved sight lines in both staff and customer areas.

Project Status

If approved, the project will enter the design phase.

Alternatives Analysis

Small improvements could be made as operating funds became available. For example, it might be possible to repaint and repair existing carpeting and then begin purchasing new work surfaces one or two at a time. Piecemeal replacement and upgrades might take longer and not be as effective or efficient as an over-all project designed and carried out at one time. It is also possible that pieces purchased at different times would not necessarily fit together or work as planned.

Funding and Revenue Discussion

The project will be funded by the Public Transportation Fund, capital sub-fund.

Other Agency Involvement

No other agencies will be involved in this project.

Art Eligibility

N/A

Equity and Social Justice Impact

Desired improvements in the Pass Sales area include better access to the low-height counter for customers in wheel-chairs, re-designed information displays and better signage / lighting to assist customers as they enter and seek assistance. Another desired enhancement would be better use (and security) of the video screen which was vandalized and is out of service.

Strategic Climate Action Plan Alignment

Not applicable to this project.

Operating Budget Impacts

Operating budget impact is not anticipated.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TDC INFRASTR ASSET MGMT

1129626

Master Project

Department	TRANSPORTATION
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3641 PUBLIC TRANS CONST-UNREST
Class Code	TDC INFRASTR ASSET MGMT
Substantial Completion	
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$150,000	\$0	\$0	\$150,000
3 Final Design	\$0	\$38,809,433	\$0	\$0	\$38,809,433
4 Implementation	\$0	\$1,793,709	\$2,800,000	\$2,300,000	\$6,893,709
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$1	\$40,753,142	\$2,800,000	\$2,300,000	\$45,853,143

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$40,753,142	\$2,800,000	\$2,300,000	\$45,853,142
Total Revenue	\$40,753,142	\$2,800,000	\$2,300,000	\$45,853,142

EXPENSE

TDC INFRASTR ASSET MGMT

1129626

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$411,848		\$0	\$0	\$0	\$411,848
2 Prelim Design	\$290,395		\$0	\$0	\$0	\$290,395
3 Final Design	\$574,325	\$150,000	\$0	\$0	\$0	\$724,325
4 Implementation	\$28,656,316	\$2,492,621	\$8,136,207	\$2,800,000	\$2,300,000	\$44,385,144
5 Closeout	\$17,263	\$23,378	\$0	\$0	\$0	\$40,641
6 Acquisition	\$789		\$0	\$0	\$0	\$789
Total Expense	\$29,950,937	\$2,665,999	\$8,136,207	\$2,800,000	\$2,300,000	\$45,853,143

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$411,848	\$0	\$411,848
2 Preliminary Design	\$0	\$0	\$290,395	\$0	\$290,395
3 Final Design	\$0	\$0	\$574,325	\$0	\$724,325
4 Implementation	\$0	\$0	\$28,656,316	\$0	\$31,148,937
5 Closeout	\$0	\$0	\$17,263	\$0	\$40,641
6 Acquisition	\$0	\$0	\$789	\$0	\$789
Total	\$0	\$0	\$29,950,936	\$0	\$32,616,935

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$411,848)	\$0	\$0	(\$411,848)
2 Preliminary Design	(\$290,395)	\$150,000	\$0	(\$140,395)
3 Final Design	(\$724,325)	\$38,809,433	\$0	\$38,085,108
4 Implementation	(\$31,148,937)	\$1,793,709	\$8,136,207	(\$37,491,435)
5 Closeout	(\$40,641)	\$0	\$0	(\$40,641)
6 Acquisition	(\$789)	\$0	\$0	(\$789)
Total	(\$32,616,935)	\$40,753,142	\$8,136,207	\$0

NARRATIVES

TDC INFRASTR ASSET MGMT

1129626

Current Scope

Infrastructure Asset Management - This master project replaces or renovates fixed asset infrastructure based on expected life cycle and actual condition in order to maintain each in state of good repair.

Replacement and renovation sub-projects included in this master project include exiting fixed assets spanning multiple locations functioning interdependently. Examples include but not limited to: radio transmitting sites, electric bus infrastructure, diesel & gas fuel systems, access and roadways, bus passenger shelters and security systems.

Project Justification

This master project supports Transit Strategy 6.2.2 which states in part,

“Provide and maintain capital assets to support efficient and effective service delivery,” and is the backbone requirement of transit agencies that receive funds from the Federal Transit Authority.

The work plan for infrastructure sub-projects through 2021 are based on inspections and condition assessments that rank and prioritize needs against Transit’s ability to deliver service.

Budget Request Basis

This master project budget request is based on engineering cost estimates of the sub-projects in its work plan through 2024.

Project Status

This is a newly created master project where funds are moved from the former TAMP appropriation (A00082). Since the last budget, the Transit Division and the Office of Performance, Strategy and Budget (PSB) agreed to a reorganization of TAMP in response to the 2015 TAMP Audit. To take effect in 2017, five realigned “master projects” will replace the former TAMP, of which this “Infrastructure Asset Management” is the subject of this submittal.

Alternatives Analysis

NA for the master project, however, each sub-project is required to perform an alternative analysis.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	TDC INFRASTR ASSET MGMT	1129626
Funding and Revenue Discussion		
Other Agency Involvement		
Art Eligibility		
NA		
Equity and Social Justice Impact		
NA for this master project, however, some sub-projects located in low income and/or minority communities would address equity and social justice issues		
Strategic Climate Action Plan Alignment		
NA for this master project, however, applicable sub-projects will evaluate potential energy reduction measures.		
Operating Budget Impacts		
Ensuring that assets in aged, poor conditions are reinvested in a timely manner to keep them in good, safe working order will stabilize or reduce maintenance costs.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TDC SITE ASSET MGMT

1129627

Master Project

Department	TRANSPORTATION
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3641 PUBLIC TRANS CONST-UNREST
Class Code	TDC SITE ASSET MGMT
Substantial Completion	
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$727,751	\$0	\$0	\$727,751
4 Implementation	\$0	\$26,447,424	\$14,906,588	\$15,754,808	\$57,108,820
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$1	\$27,175,175	\$14,906,588	\$15,754,808	\$57,836,572

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$27,175,175	\$14,906,588	\$15,754,808	\$57,836,571
Total Revenue	\$27,175,175	\$14,906,588	\$15,754,808	\$57,836,571

EXPENSE TDC SITE ASSET MGMT 1129627

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$200,057		\$0	\$0	\$0	\$200,057
2 Prelim Design	\$367,484		\$0	\$0	\$0	\$367,484
3 Final Design	\$1,986,369	\$191,394	\$536,357	\$0	\$0	\$2,714,120
4 Implementation	\$16,294,129	\$2,508,161	\$5,005,633	\$14,906,588	\$15,754,808	\$54,469,319
5 Closeout	\$86,822		\$0	\$0	\$0	\$86,822
6 Acquisition	(\$1,231)		\$0	\$0	\$0	(\$1,231)
Total Expense	\$18,933,629	\$2,699,555	\$5,541,990	\$14,906,588	\$15,754,808	\$57,836,570

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$200,057	\$0	\$200,057
2 Preliminary Design	\$0	\$0	\$367,484	\$0	\$367,484
3 Final Design	\$0	\$0	\$1,986,369	\$0	\$2,177,763
4 Implementation	\$0	\$0	\$16,294,129	\$0	\$18,802,290
5 Closeout	\$0	\$0	\$86,822	\$0	\$86,822
6 Acquisition	\$0	\$0	(\$1,231)	\$0	(\$1,231)
Total	\$0	\$0	\$18,933,630	\$0	\$21,633,185

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$200,056)	\$0	\$0	(\$200,056)
2 Preliminary Design	(\$367,484)	\$0	\$0	(\$367,484)
3 Final Design	(\$2,177,762)	\$727,751	\$536,357	(\$1,986,368)
4 Implementation	(\$18,802,290)	\$26,447,424	\$5,005,633	\$2,639,501
5 Closeout	(\$86,822)	\$0	\$0	(\$86,822)
6 Acquisition	\$1,232	\$0	\$0	\$1,232
Total	(\$21,633,182)	\$27,175,175	\$5,541,990	\$3

NARRATIVES

TDC SITE ASSET MGMT

1129627

Current Scope

Site Asset Management - This master project replaces or renovates site assets based on expected life cycle and actual condition in order to maintain each in a state of good repair. Site assets are defined as assets installed on, above, or below the ground/property. It excludes buildings or structures. Qualifying targets for sub-projects in this master project are paving, drainage vaults, storm water systems, underground tanks, and yard lighting, to name a few examples.

Project Justification

This master project supports Transit Strategy 6.2.2 which states in part, "Provide and maintain capital assets to support efficient and effective service delivery," and is the backbone requirement of transit agencies that receive funds from the Federal Transit Authority.

The work plan for infrastructure sub-projects through 2021 are based on inspections and condition assessments that rank and prioritize needs against Transit's ability to deliver service.

Budget Request Basis

This master project budget request is based on engineering cost estimates of the sub-projects in its work plan through 2024.

Project Status

This is one of the five newly created projects that the Transit TAMP program was split into.

Alternatives Analysis

NA for the master project, however, each sub-project is required to perform an alternative analysis as a milestone requirement for capital projects.

Funding and Revenue Discussion

This project is funded by the Public Transportation Fund, capital sub fund.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	TDC SITE ASSET MGMT	1129627
Other Agency Involvement		
No other agencies are involved in this project.		
Art Eligibility		
Maintenance projects are not eligible for art contribution.		
Equity and Social Justice Impact		
NA for this master project, however, some sub-projects located in low income and/or minority communities would address impacts to equity and social justice issues.		
Strategic Climate Action Plan Alignment		
NA for this master project, however, applicable sub-projects will comply with Green Building Ordinance requirements.		
Operating Budget Impacts		
No significant operating budget impacts are forecast for this maintenance/replacement project.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TDC BUILDING ASSET MGMT

1129628

Master Project

Department	TRANSPORTATION
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3641 PUBLIC TRANS CONST-UNREST
Class Code	TDC BUILDING ASSET MGMT
Substantial Completion	
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$45,071	\$0	\$0	\$45,071
2 Preliminary Design	\$0	\$933,156	\$0	\$0	\$933,156
3 Final Design	\$0	\$1,637,116	\$4,155,570	\$0	\$5,792,686
4 Implementation	\$1	\$54,740,920	\$24,650,360	\$45,546,211	\$124,937,492
5 Closeout	\$0	\$302,300	\$105,998	\$0	\$408,298
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$3	\$57,658,563	\$28,911,928	\$45,546,211	\$132,116,705

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$57,658,563	\$28,911,928	\$45,546,211	\$132,116,702
Total Revenue	\$57,658,563	\$28,911,928	\$45,546,211	\$132,116,702

EXPENSE

TDC BUILDING ASSET MGMT

1129628

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$144,379	\$43,263	\$1,808	\$0	\$0	\$189,450
2 Prelim Design	\$1,454,828	\$263,107	\$670,049	\$0	\$0	\$2,387,984
3 Final Design	\$6,404,515	\$445,151	\$1,191,965	\$4,155,570	\$0	\$12,197,201
4 Implementation	\$29,022,936	\$8,581,716	\$8,881,191	\$24,650,360	\$45,546,211	\$116,682,414
5 Closeout	\$250,352	\$121,078	\$181,222	\$105,998	\$0	\$658,650
6 Acquisition	\$1,004		\$0	\$0	\$0	\$1,004
Total Expense	\$37,278,013	\$9,454,315	\$10,926,235	\$28,911,928	\$45,546,211	\$132,116,702

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$144,379	\$0	\$187,642
2 Preliminary Design	\$0	\$0	\$1,454,828	\$0	\$1,717,935
3 Final Design	\$0	\$0	\$6,404,515	\$0	\$6,849,666
4 Implementation	\$0	\$0	\$29,022,936	\$1	\$37,604,652
5 Closeout	\$0	\$0	\$250,352	\$0	\$371,430
6 Acquisition	\$0	\$0	\$1,004	\$0	\$1,004
Total	\$0	\$0	\$37,278,014	\$1	\$46,732,329

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$187,642)	\$45,071	\$1,808	(\$144,379)
2 Preliminary Design	(\$1,717,934)	\$933,156	\$670,049	(\$1,454,827)
3 Final Design	(\$6,849,666)	\$1,637,116	\$1,191,965	(\$6,404,515)
4 Implementation	(\$37,604,650)	\$54,740,920	\$8,881,191	\$8,255,079
5 Closeout	(\$371,429)	\$302,300	\$181,222	(\$250,351)
6 Acquisition	(\$1,003)	\$0	\$0	(\$1,003)
Total	(\$46,732,324)	\$57,658,563	\$10,926,235	\$4

NARRATIVES

TDC BUILDING ASSET MGMT

1129628

Current Scope

Building Asset Management Program - This master project replaces or renovates building assets based on expected life cycle and actual condition in order to maintain each in a state of good repair. Building assets are defined as components within, over and beneath building structures. Qualifying targets for sub-projects in this master project are electrical systems, roof/skylights, HVAC systems, lighting, glazing (windows), and floors and subfloors, to name a few examples.

Project Justification

This master project supports Transit Strategy 6.2.2 which states in part, "Provide and maintain capital assets to support efficient and effective service delivery," and is the backbone requirement of transit agencies that receive funds from the Federal Transit Authority.

The work plan for infrastructure sub-projects through 2021 are based on inspections and condition assessments that rank and prioritize needs against Transit's ability to deliver service.

This project along with the four categorical fixed asset appropriations have been made discrete and distinct from the former single master project called "Transit Asset Management Program" or TAMP. This reorganization is a response to a 2015 King County Audit that recommended making TAMP more "transparent" in its work plans. The culmination is the five master projects for fixed assets.

Budget Request Basis

This master project budget request is based on engineering cost estimates of the sub-projects in its work plan through 2024.

Project Status

This is one of five newly created projects Transit TAMP program was split into.

Alternatives Analysis

NA for the master project, however, each sub-project is required to perform an alternative analysis as a milestone requirement for capital projects.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	TDC BUILDING ASSET MGMT	1129628
Funding and Revenue Discussion		
The Public Transportation Fund, capital sub-fund.		
Other Agency Involvement		
No other agencies will be involved in this project.		
Art Eligibility		
Maintenance projects are not eligible for art contribution.		
Equity and Social Justice Impact		
NA for this master project, however, applicable sub-projects will evaluate potential energy reduction measures.		
Strategic Climate Action Plan Alignment		
NA for this master project, however, applicable sub-projects will comply with Green Building Ordinance requirements.		
Operating Budget Impacts		
No significant operating budget impacts are forecast for this maintenance/replacement project.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TDC EQUIP ASSET MGMT

1129629

Master Project

Department	TRANSPORTATION
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3641 PUBLIC TRANS CONST-UNREST
Class Code	TDC EQUIP ASSET MGMT
Substantial Completion	
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$101,645	\$0	\$0	\$101,645
3 Final Design	\$0	\$204,470	\$0	\$0	\$204,470
4 Implementation	\$0	\$3,272,461	\$2,035,000	\$2,179,943	\$7,487,404
5 Closeout	\$0	\$14,115	\$0	\$0	\$14,115
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$3,592,691	\$2,035,000	\$2,179,943	\$7,807,634

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$3,592,691	\$2,035,000	\$2,179,943	\$7,807,634
Total Revenue	\$3,592,691	\$2,035,000	\$2,179,943	\$7,807,634

EXPENSE TDC EQUIP ASSET MGMT 1129629

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$5,496		\$0	\$0	\$0	\$5,496
2 Prelim Design	\$111,449	\$101,645	\$0	\$0	\$0	\$213,094
3 Final Design	\$517,893	\$151,511	\$52,959	\$0	\$0	\$722,363
4 Implementation	\$1,161,386	\$30,000	\$1,426,208	\$2,035,000	\$2,179,943	\$6,832,537
5 Closeout	\$20,029		\$14,115	\$0	\$0	\$34,144
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$1,816,251	\$283,156	\$1,493,282	\$2,035,000	\$2,179,943	\$7,807,632

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$5,496	\$0	\$5,496
2 Preliminary Design	\$0	\$0	\$111,449	\$0	\$213,094
3 Final Design	\$0	\$0	\$517,893	\$0	\$669,404
4 Implementation	\$0	\$0	\$1,161,386	\$0	\$1,191,386
5 Closeout	\$0	\$0	\$20,029	\$0	\$20,029
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$1,816,253	\$0	\$2,099,409

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$5,496)	\$0	\$0	(\$5,496)
2 Preliminary Design	(\$213,094)	\$101,645	\$0	(\$111,449)
3 Final Design	(\$669,404)	\$204,470	\$52,959	(\$517,893)
4 Implementation	(\$1,191,386)	\$3,272,461	\$1,426,208	\$654,867
5 Closeout	(\$20,028)	\$14,115	\$14,115	(\$20,028)
6 Acquisition	\$0	\$0	\$0	\$0
Total	(\$2,099,408)	\$3,592,691	\$1,493,282	\$1

NARRATIVES

TDC EQUIP ASSET MGMT

1129629

Current Scope

Equipment Asset Management - This master project replaces or renovates equipment assets based on expected life cycle and actual condition in order to maintain each in a state of good repair. Equipment assets are defined as major equipment essential for bus, facility, and property maintenance and operations. To function for their intended purposes, the equipment requires addition or change to building systems, for instance, ventilation, electrical or structural work. Major equipment sub-project costs are over \$100,000. Qualifying targets for sub-projects in this master project are engine dynamometers, air compressing sets, bus vacuums, parts cleaners (dip tanks), to name a few examples.

Project Justification

This master project supports Transit Strategy 6.2.2 which states in part, "Provide and maintain capital assets to support efficient and effective service delivery," and is the backbone requirement of transit agencies that receive funds from the Federal Transit Authority. The work plan for infrastructure sub-projects through 2021 are based on inspections and condition assessments that rank and prioritize needs against Transit's ability to deliver service.

Budget Request Basis

This master project budget request is based on engineering cost estimates of the sub-projects in its work plan through 2024.

Project Status

This is one of five newly created projects Transit's TAMP program was split into.

Alternatives Analysis

NA for the master project, however, each sub-project is required to perform an alternative analysis as a milestone requirement for capital projects.

Funding and Revenue Discussion

This project is funded by the Public Transportation Fund, capital sub fund.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	TDC EQUIP ASSET MGMT	1129629
Other Agency Involvement		
No other agencies will be involved in this project.		
Art Eligibility		
Maintenance projects are not eligible for art contribution.		
Equity and Social Justice Impact		
NA for this master project, however, some sub-projects located in low income and/or minority communities would address impacts to equity and social justice issues.		
Strategic Climate Action Plan Alignment		
NA for this master project, however, applicable sub-projects will comply with Green Building Ordinance requirements.		
Operating Budget Impacts		
No significant operating budget impacts are forecast for this maintenance/replacement project.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TDC SGR ADMINISTRATION

1129630

Master Project

Department	TRANSPORTATION
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3641 PUBLIC TRANS CONST-UNREST
Class Code	TDC SGR ADMINISTRATION
Substantial Completion	
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$848,010	\$692,512	\$741,837	\$2,282,359
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$10,833,054	\$1,100,000	\$1,100,000	\$13,033,054
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$11,681,064	\$1,792,512	\$1,841,837	\$15,315,414

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$11,681,064	\$1,792,512	\$1,841,837	\$15,315,413
Total Revenue	\$11,681,064	\$1,792,512	\$1,841,837	\$15,315,413

EXPENSE

TDC SGR ADMINISTRATION

1129630

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$2,853,854	\$200,000	\$648,010	\$692,512	\$741,836	\$5,136,212
2 Prelim Design	\$2,128,499		\$0	\$0	\$0	\$2,128,499
3 Final Design	\$582,047		\$0	\$0	\$0	\$582,047
4 Implementation	\$723,655	\$895,000	\$3,650,000	\$1,100,000	\$1,100,000	\$7,468,655
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$6,288,054	\$1,095,000	\$4,298,010	\$1,792,512	\$1,841,836	\$15,315,412

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$2,853,854	\$0	\$3,053,854
2 Preliminary Design	\$0	\$0	\$2,128,499	\$0	\$2,128,499
3 Final Design	\$0	\$0	\$582,047	\$0	\$582,047
4 Implementation	\$0	\$0	\$723,655	\$0	\$1,618,655
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$6,288,055	\$0	\$7,383,055

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$3,053,854)	\$848,010	\$648,010	(\$2,853,854)
2 Preliminary Design	(\$2,128,499)	\$0	\$0	(\$2,128,499)
3 Final Design	(\$582,046)	\$0	\$0	(\$582,046)
4 Implementation	(\$1,618,655)	\$10,833,054	\$3,650,000	\$5,564,399
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	(\$7,383,054)	\$11,681,064	\$4,298,010	\$0

NARRATIVES

TDC SGR ADMINISTRATION

1129630

Current Scope

State of Good Repair (SGR) Administration - This master project contains administrative costs associated with replacing assets based on expected life cycle and actual condition in order to maintain each in a state of good repair.

Project Justification

This SGR master project functions as the administrative "arm" for the four other fixed asset appropriations. In lieu of having an administrative sub-project in each fixed asset appropriation, the Office of Performance, Strategy and Budget agreed to combine all administrative activities into one separate (fifth) appropriation.

These administrative/management activities (master project scope) are germane to all four fixed asset appropriations; the activities are effectively conducted in one (master) project rather than four. Attempting to separately allocate management time for each sub-project is a cumbersome and time-intensive process. Without this particular master project, management oversight will require funding from a different source.

Budget Request Basis

The budget request for this master project is based on historic spending average per year for management oversight of the former TAMP appropriation, and engineering cost estimate of an annual budget needed to conduct the conditions assessment and generate reports.

Project Status

This is one of five newly created projects Transit's TAMP program was split into.

Alternatives Analysis

NA for the master project, however, each sub-project is required to perform an alternative analysis as a milestone requirement for capital projects.

Funding and Revenue Discussion

This project is funded by the Public Transportation Fund, capital sub fund.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	TDC SGR ADMINISTRATION	1129630
Other Agency Involvement		
No other agencies will be involved in this project.		
Art Eligibility		
Maintenance projects are not eligible for art contribution.		
Equity and Social Justice Impact		
N/A		
Strategic Climate Action Plan Alignment		
N/A		
Operating Budget Impacts		
None.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TDC 8TH BASE CONSTRUCTION

1129631

Green Building Reporting, Art Eligible

Department	TRANSPORTATION
Council District(s)	7
Fund	3641 PUBLIC TRANS CONST-UNREST
Class Code	STANDALONE
Substantial Completion	12/31/2030
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$1,195,115	\$0	\$0	\$1,195,115
2 Preliminary Design	\$0	\$0	\$806,554	\$0	\$806,554
3 Final Design	\$0	\$0	\$1,802,044	\$1,878,524	\$3,680,568
4 Implementation	\$0	\$289,217	\$26,086	\$20,426,446	\$20,741,749
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$28,921,723	\$0	\$0	\$28,921,723
Total Budget	\$0	\$30,406,055	\$2,634,684	\$22,304,970	\$55,345,709

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$289,217	\$26,086	\$220,841	\$536,144

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$30,406,055	\$2,634,684	\$22,304,970	\$55,345,709
Total Revenue	\$30,406,055	\$2,634,684	\$22,304,970	\$55,345,709

EXPENSE TDC 8TH BASE CONSTRUCTION 1129631

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$1,195,115	\$0	\$0	\$1,195,115
2 Prelim Design	\$0	\$0	\$0	\$806,554	\$0	\$806,554
3 Final Design	\$0	\$0	\$0	\$1,802,044	\$1,878,524	\$3,680,568
4 Implementation	\$0	\$0	\$289,217	\$26,086	\$20,426,446	\$20,741,749
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$28,921,723	\$0	\$0	\$28,921,723
Total Expense	\$0	\$0	\$30,406,055	\$2,634,684	\$22,304,970	\$55,345,709

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$1,195,115	\$1,195,115	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$289,217	\$289,217	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$28,921,723	\$28,921,723	\$0
Total	\$0	\$30,406,055	\$30,406,055	\$0

NARRATIVES

TDC 8TH BASE CONSTRUCTION

1129631

Current Scope

8th Base Construction Project - The scope of this project comprises all the activities that will lead to the purchase of property suitable for a new, eighth bus base in South King County. This expansion of Transit's bus base network will be referred to as the "Eighth Base." The project will include the search for and purchase of suitable property on which a new bus base can be built, thereby enabling Transit to realize the long range plan for service by supplying more long-term base capacity.

This project is one of three land acquisition efforts to expand the transit base network capacity to meet unprecedented regional transit demands forecasted in the Transit Division's Metro Long Range Plan. To capture the real estate opportunities in competitive markets in Seattle and King County, Transit is focusing on identified properties in the SODO area (for Central Base) and Tukwila (for South Base) and seeking property for an eighth transit base in South King County. Both Central and South base expansions will help ease capacity constraints until a new base can be built and open for service by the 2025-2030 timeframe.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

TDC 8TH BASE CONSTRUCTION

1129631

Project Justification

The Puget Sound region is expected to grow by approximately 1 million people and 850,000 jobs in the next 25 years. For the region to meet future transportation demand, the Puget Sound Regional Council's Transportation 2040 Plan identifies the need for all transit agencies to double their ridership. According to the Metro Long Range Plan, that means adding 70% more service hours than currently provided with an expanded bus fleet. To support the expanded fleet, Metro needs to site and construct at least two new bases. High levels of growth are currently centered in the urban areas, particularly Seattle, but are forecasted to extend into more affordable suburban areas—something that is already beginning to occur, especially in south King County. Thus, the significant increases in service projected in south King County result in this area being the target for the next new base.

The February 2016 modeling of system-wide base capacity reflects that the current fleet surpasses optimal base capacity levels. Transit would continue to be over-capacity even when additional parking is made available at Atlantic-Central bases by 2018. There are two additional factors that press Transit to purchase property to build an eighth base in the 2017-18 budget cycle. First, due to the region's escalating prosperity, demand for industrial properties in the Puget Sound region, and especially the Kent Valley and environs, continues to increase. For example, property sales volume was healthy in the first quarter of 2016 and is projected to increase as the year continues. The majority of sales were in the Kent Valley, but many buyers looking for large pieces of property were forced to look farther south toward Sumner and Auburn where the large purchases were more available. Property prices are increasing and large properties are becoming significantly less available. With investors moving into the industrial market, it is likely that this trend will continue, making it increasingly difficult for Metro to both find and afford property for a new base in the future. Second, the business cycle is just over the peak and beginning to head downward. While the next down-cycle is forecasted at this time to be moderate by the State Economic Council, Transit resources will likely be dedicated to maintaining existing transit service in the middle of any down cycle. Thus, if property is not purchased now, it is likely that the business cycle will not be favorable for property purchases for several years due to high real estate prices and limited property availability in the Kent Valley and environs. The opportunity to buy property will be limited. Under these circumstances, Transit would not be in a position to satisfy the need—and demand—for transit in its service areas, in accordance with the long range plan.

Equity and Social Justice – Yes, by providing much needed affordable transit service to diverse communities living and, in some cases working, in more affordable, but growing, suburban areas, removing transportation barriers that directly affect equal access to jobs, housing, medical care, commerce and recreation.

Strategic Climate Action Plan – Yes, by providing mass transit to growing communities, thereby reducing carbon pollution and maintaining sustainable transportation choices.

Best Run Government – Yes, by providing second-to-none service to transit customers by matching population growth with increased transit service.

Budget Request Basis

The requested budget accounts for the activities and costs associated with the property search, evaluating suitability, negotiations, feasibility studies, title reports and ALTA surveys, environmental due diligence, entitlements and appraisals/review appraisals, and the purchase prices. Work will be conducted by internal staff and consultants. The budget includes costs associated with condemnation, if a purchase/sale agreement cannot be achieved by negotiation.

Real estate consultants provided estimates of property value. External relocation experts were consulted for costs of typical relocations. Estimates for other external services, such as title, appraisal, environmental due diligence, were provided by internal staff with experience procuring and overseeing these services. Staff also provided estimates of staff time required to conduct all property purchase activities.

Project Status

New

Alternatives Analysis

Property identification will become the alternatives analyses through the site criteria established at the beginning of the research process.

Funding and Revenue Discussion

The Public Transportation Fund, capital sub-fund.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	TDC 8TH BASE CONSTRUCTION	1129631
Other Agency Involvement		
The Transit Division leads this project with assistance from the Prosecuting Attorney’s Office. The latter will also lead any condemnation efforts, if this strategy is used. External agencies include FTA (review of property purchases) and the property’s jurisdiction (entitlements). The FTA reviews property purchases on which FTA-supported projects may be located. In this case, subsequent capital projects needed to expand base functionality may have FTA financial participation and, therefore, trigger federal review of underlying land purchases.		
Art Eligibility		
The 2017/18 budget request is for planning efforts and land acquisition - non of which is eligible for art contribution.		
Equity and Social Justice Impact		
This project will enable Transit to improve service to a growing minority and/or low-income population in south King County.		
Strategic Climate Action Plan Alignment		
This project is to only acquire land.		
Operating Budget Impacts		
None.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TDC MOVE SEATTLE RR EXP

1129632

Master Project

Department	TRANSPORTATION
Council District(s)	1, 2, 8
Fund	3641 PUBLIC TRANS CONST-UNREST
Class Code	TDC MOVE SEATTLE RR EXP
Substantial Completion	
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$1,299,194	\$846,400	\$306,000	\$2,451,594
3 Final Design	\$0	\$2,142,776	\$768,000	\$246,400	\$3,157,176
4 Implementation	\$0	\$600,000	\$16,190,505	\$21,616,088	\$38,406,593
5 Closeout	\$0	\$0	\$68,800	\$107,200	\$176,000
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$4,041,970	\$17,873,705	\$22,275,688	\$44,191,363

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	(\$1,714)	\$0	\$0	(\$1,714)
33436 - WA ST DEPT TRANSPORTATION	\$2,776,570	\$5,223,430	\$0	\$8,000,000
33705 - INTERLOCAL SEATTLE	\$1,267,114	\$12,650,275	\$22,275,688	\$36,193,077
Total Revenue	\$4,041,970	\$17,873,705	\$22,275,688	\$44,191,363

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		TDC MOVE SEATTLE RR EXP				1129632
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$0	\$0	\$0	\$0
2 Prelim Design	\$0		\$1,299,194	\$846,400	\$306,000	\$2,451,594
3 Final Design	\$0		\$2,142,776	\$768,000	\$246,400	\$3,157,176
4 Implementation	\$0		\$600,000	\$16,190,505	\$21,616,088	\$38,406,593
5 Closeout	\$0		\$0	\$68,800	\$107,200	\$176,000
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$0		\$4,041,970	\$17,873,705	\$22,275,688	\$44,191,363

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$1,299,194	\$1,299,194	\$0
3 Final Design	\$0	\$2,142,776	\$2,142,776	\$0
4 Implementation	\$0	\$600,000	\$600,000	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$4,041,970	\$4,041,970	\$0

NARRATIVES	TDC MOVE SEATTLE RR EXP	1129632
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Current Scope

Move Seattle RapidRide Expansion - This project begins Metro's activities to expand the RapidRide program throughout King County. Corridors for the next RapidRide lines to be implemented in the 2019 - 2025 timeframe have been identified in Metro Connects, King County Metro's draft long range plan.

Seven RapidRide lines would be implemented in partnership with the City of Seattle as described in the Seattle Transit Master Plan (amended in 2016) and the Levy to Move Seattle funding initiative approved by Seattle voters in November 2015. Two initial lines would be implemented in 2019, and would operate along the Madison ST corridor, currently served by routes 11/12 (Downtown Seattle, First Hill, E Madison ST) and the Delridge Way SW corridor, currently served by Metro Route 120 (Downtown Seattle, Delridge Way SW, White Center and Burien). Predesign activities on these two lines would begin in 2017, design in 2018, and implementation in 2019.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

TDC MOVE SEATTLE RR EXP

1129632

Project Justification

This project supports the following Transit Strategic Goals:

Objective 3.1 Support a strong, diverse, sustainable economy, Strategy 3.1.1: Through investments and partnerships with regional organizations, local jurisdictions and the private sector, provide alternatives to driving alone that connect people to jobs, education and other destinations essential to King County's economic vitality.

The levy to Move Seattle provides a unique opportunity for King County to partner with Seattle for the planning, design and construction of the capital elements needed to support a RapidRide expansion in the City of Seattle. The levy provides the funding from 2015 – 2024 to develop this capital program.

Objective 5.1 Improve satisfaction with Metro's products and service and the way they are delivered, Strategy 5.1.1: Provide service that is easy to understand and use; Strategy 5.1.3: Improve transit speed and reliability.

With the implementation of 13 new RapidRide lines identified in Metro Connects, King County's draft long range transportation plan, Metro will expand the amount of BRT service throughout the county. The experience with the A – F lines has shown that creating a transit option that is frequent, easy to understand, and "the best of Metro" makes transit an attractive transportation alternative for the people of King County. As such RapidRide will continue to bring new riders to transit and existing riders will use transit more often.

This project supports the County's Equity and Social Justice initiative "Upstream and where needs are greatest". The RapidRide expansion is expected to serve areas of south Seattle and south King County that have a higher proportion of communities of color, low-income populations and limited English-speaking populations.

This project supports the Strategic Action Climate Plan by increasing the use of transit throughout the county.

If the RapidRide Expansion project is not approved, any future expansion of RapidRide will be delayed beyond 2019. A delay would likely impact the ability of the City of Seattle to meet the Move Seattle levy commitments of implementing seven new RapidRide lines by 2024. Levy money for the implementation of the seven lines in Seattle could become unavailable if the project is delayed beyond the levy period (2015- 2024).

Budget Request Basis

Estimates of the quantity of RapidRide stations, transit signal priority locations, and resulting materials necessary for each line are derived from initial corridor planning prepared by the City of Seattle in the 2016 amendment to Transit Master Plan; or by King County for work outside the Seattle city limits. Cost estimates are based on average historical RapidRide program costs (from RapidRide lines A – F) and approved King County labor rates.

Project Status

New.

Alternatives Analysis

As part of the planning process undertaken for Metro Connects (King County's draft long range transportation plan) twenty-two candidate corridors were evaluated for potential future RapidRide lines. The factors included in the evaluation were:

- Productivity – existing employment density, existing population density, existing boardings/hour, 2040 estimated employment density, and 2040 estimated population density.
- Social Equity – population below poverty level and minority population
- Geographic Value – number of centers connected, major transfer points and hubs connected.

Based on the evaluation, corridors were identified for both near-term (through 2025) and long-term (through 2040) implementation. The seven RapidRide lines included in the Move Seattle RapidRide Expansion are identified in Metro Connects for near-term implementation, however the sequencing and exact pathways of the routes will be determined in subsequent implementation plans, and will incorporate Metro's transit service change processes.

Components of the RapidRide brand, passenger facilities, and transit priority elements were established during implementation of the existing RapidRide program (through 2014) and will be refined through the planning and implementation process for subsequent corridors.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

TDC MOVE SEATTLE RR EXP

1129632

Funding and Revenue Discussion

Funding for the capital elements of the Move Seattle RapidRide Expansion program capital program is expected to come from the Levy to Move Seattle and future grants that will be secured by City of Seattle (with King County costs reimbursed by the City of Seattle). In addition, King County may also secure future grant funds for this program.

Additional funding totaling \$1.5M has been awarded through the Washington State Department of Transportation 2015-17 Multi-modal Corridor Program (LEAP funding), with an additional \$6.5M expected in 2017. This funding is available for any project improvements on the Delridge Corridor (existing Metro Route 120).

Other Agency Involvement

City of Seattle would lead most aspects of the planning, design and construction of the lines, including the procurement and management of a variety of contracts supporting this work. The City of Seattle would also provide construction and street use permits of any program elements that may be undertaken by King County.

Art Eligibility

This project is reimbursable by the City of Seattle. The City will address public art if it so chooses.

Equity and Social Justice Impact

The expansion of RapidRide is included in Metro Connects, King County's draft long range transportation plan, as part of the frequent service network. Metro Connects is expected to bring more transit service to communities throughout King County and increase access to the transit network through an interconnected system of transportation choices. When Metro Connects is fully implemented, 70 percent of people in King County will live within a half-mile of frequent transit service (over three-times greater than today's network), and 85 percent of low-income or minority communities will have this level of access to frequent service.

Communities of Color: Currently, 19 percent of minority residents in King County live within 1/2 mile of frequent service, and 79 percent of minority residents live within 1/4 mile of the transit network. When Metro Connects is fully implemented, 75 percent of minority residents will live within 1/2 mile of frequent service and 90 percent of minority residents will live within 1/4 mile of the transit network.

Low Income Populations: Currently, 23 percent of low-income residents in King County live within 1/2 mile of frequent service, and 88 percent of low-income residents live within 1/4 mile of the transit network. When Metro Connects is fully implemented, 54 percent of low-income residents will live within 1/2 mile of frequent service and 97 percent of low-income residents will live within 1/4 mile of the transit network.

Metro Connects included a Community Advisory Group that represented King County's diverse county. Community leaders from diverse backgrounds worked together to best represent the county-wide interests in transit. Other outreach for Metro Connects included more than forty organizations that serve non-English speaking populations and transit-dependent populations, an Equity and Social Justice roundtable discussion, outreach to community colleges, meetings with a mobility coalition that represent transit-dependent people, immigrants/refugees, low-income, limited-English proficient, and persons with disabilities, and foreign-language translations of all Metro Connect materials.

The evaluation of future candidate RapidRide corridors within Metro Connects considered social equity measures, including the percent of population below poverty level and the percent of minority populations served. The source of this information was census data from the 2013 American Community Survey.

Strategic Climate Action Plan Alignment

The RapidRide expansion supports the Strategic Climate Action Plan strategies by increasing the use of transit county-wide. Project components that will be provided by King County, including passenger facilities infrastructure, have been designed to use sustainable strategies.

Green Building Reporting is not applicable to the majority of project components because these will be undertaken by the City of Seattle. The City of Seattle strives to employ sustainable design and construction strategies, and uses its own monitoring and reporting criteria.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

TDC MOVE SEATTLE RR EXP

1129632

Operating Budget Impacts

For the first five lines that are expected to be implemented through 2022, this project will impact the six year operating budget as follows:

- Increase in service hours within the City of Seattle and in the county (assumed to be a net annual service hour increase of 20,000 hours per line).
- Increase in facilities maintenance costs associated with the RapidRide passenger facilities starting in 2019 and increasing as more lines are implemented. Consistent with existing RapidRide lines A-F, the net increase in annual operating costs for this program is estimated at less than \$50,000 for each line, covering shelter maintenance and electrical power usage costs. This takes into account the current maintenance costs on existing RapidRide lines, less maintenance costs associated with shelters on the corridors that this program replaced. Additional operating costs are assumed to begin in the year following line implementation because each line is assumed to be implemented in September of their year of implementation.
- Increase in fare enforcement costs starting in 2019 and increasing as more lines are implemented.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TDC CCMP 2019 PROGRAM

1129633

Master Project, Art Eligible

Department	TRANSPORTATION
Council District(s)	2, 4, 8
Fund	3641 PUBLIC TRANS CONST-UNREST
Class Code	TDC CCMP 2019 PROGRAM
Substantial Completion	06/30/2019
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design 01/01/17 - 06/30/17	\$0	\$1,510,000	\$0	\$0	\$1,510,000
3 Final Design 07/01/17 - 03/31/18	\$0	\$6,840,000	\$0	\$0	\$6,840,000
4 Implementation 04/01/18 - 12/31/18	\$0	\$17,310,210	\$8,340	\$0	\$17,318,550
5 Closeout 01/01/19 - 06/30/19	\$0	\$0	\$834,000	\$0	\$834,000
6 Acquisition 07/01/17 - 07/31/17	\$0	\$1,530,000	\$0	\$0	\$1,530,000
Total Budget	\$0	\$27,190,210	\$842,340	\$0	\$28,032,550

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$269,210	\$8,340	\$0	\$277,550

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$20,539,210	\$842,340	\$0	\$21,381,550
33705 - INTERLOCAL SEATTLE	\$6,651,000	\$0	\$0	\$6,651,000
Total Revenue	\$27,190,210	\$842,340	\$0	\$28,032,550

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		TDC CCMP 2019 PROGRAM				1129633
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$1,510,000	\$0	\$0	\$1,510,000
3 Final Design	\$0	\$0	\$6,840,000	\$0	\$0	\$6,840,000
4 Implementation	\$0	\$0	\$17,310,210	\$8,340	\$0	\$17,318,550
5 Closeout	\$0	\$0	\$0	\$834,000	\$0	\$834,000
6 Acquisition	\$0	\$0	\$1,530,000	\$0	\$0	\$1,530,000
Total Expense	\$0	\$0	\$27,190,210	\$842,340	\$0	\$28,032,550

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$1,510,000	\$1,510,000	\$0
3 Final Design	\$0	\$6,840,000	\$6,840,000	\$0
4 Implementation	\$0	\$17,310,210	\$17,310,210	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$1,530,000	\$1,530,000	\$0
Total	\$0	\$27,190,210	\$27,190,210	\$0

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

TDC CCMP 2019 PROGRAM

1129633

Current Scope

Center City Mobility Plan (CCMP) 2019 Program - This project plans, designs, and implements the capital components of a program designed to mitigate impacts of the end of joint bus-rail operations in the Downtown Seattle Transit Tunnel (DSTT), currently planned for late 2018 or early 2019. At that time buses that now use the DSTT to travel through the downtown Seattle area will be rerouted to surface streets, impacting traffic flow and transit use in downtown Seattle.

King County Metro, Sound Transit, the City of Seattle and the Downtown Seattle Association are working in partnership to develop the Center City Mobility Plan (CCMP). The CCMP will establish a 20-year transportation and public realm vision for the City of Seattle and is supported by implementation plans for the near-term and long-term. Together, the plan's vision and implementation plans will guide policies, programs and investments by the city and its agency partners and stakeholders.

The near-term CCMP planning effort is focused on developing strategies to maintain and improve mobility and access following the termination of joint bus-rail operations in the DSTT, including detailed recommendations for transit service and capital improvements, surface street traffic operational changes, and complementary multimodal and public realm investments.

To date a preliminary set of capital investments has been identified in these areas and will be further analyzed and reviewed with key stakeholders and the public through the fall of 2016, with a final recommended set of near-term investments approved at that time. The proposed CCMP 2019 Program includes those project elements that are directly related to bus stop improvements, off board fare collection, and bus layover investments. Due to the high degree of uncertainty around the final set of investments, this capital project also allocates additional King County funding to design and construct project elements that have not yet been identified. Implementation of these capital improvements will result in new transit assets, as well as the potential removal of some existing transit assets throughout the project area if certain existing transit stops are permanently closed.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

TDC CCMP 2019 PROGRAM

1129633

Project Justification

Downtown Seattle is facing tremendous growth, investment by public and private entities, and construction activity in upcoming years. The City of Seattle's Comprehensive Plan anticipates a minimum of 56,000 additional jobs and 25,000 households in the Center City neighborhoods by 2035. At the same time, transit demand, ridership and the number of buses required to provide transit service continues to grow, both into and through downtown. Increasing the number of buses operating through the downtown area without complementary investments to improve the flow of buses would be expected to result in slower bus speeds and worsening reliability from already poor conditions.

When buses are no longer able to use Downtown Seattle Transit Tunnel (DSTT) to travel through downtown Seattle it is anticipated that over 80 buses per hour, representing 40,000 hours, would need to be rerouted to surface streets in the downtown Seattle area. Removal of buses from the tunnel would increase bus volumes on Second, Fourth, and Fifth Avenues by up to one-third.

With more buses operating on the surface streets, buses running through downtown will travel slower, and reliability of the transit service will decline. In the afternoon peak period, as a result of additional buses operating on surface streets, bus speeds would decline by 26 percent on Second Avenue and by 43 percent on Fourth Avenue. With these slower speeds it is expected that it would take over 25 minutes for a bus to travel from Fourth Avenue and Jackson Street to Ninth Avenue and Howell Street, a distance of just over one mile. The additional cost to Metro for operating buses through the downtown area in this worsened environment is estimated at over \$4.5 million dollars annually.

With this challenge, Metro has engaged with the City of Seattle, Sound Transit and other stakeholders to develop two types of alternatives that would either:

1. Reduce the number of buses operating through downtown. These solutions rely primarily on rerouting buses to other downtown alignments or truncating routes before they reach downtown, and may require some capital investments to support additional transit needs in impacted areas.
2. Redesign transit and traffic operations so that buses move more efficiently through downtown. This appropriation request is focused on these types of capital improvements, as they relate to improving bus facilities in the downtown Seattle area.

The result of making these capital investments is to lower the number of transit service hours needed to operate through the downtown area, compared to what it would take to operate the service if no capital investments were made. It is anticipated that these investments will enable transit to operate at speeds that are comparable to today, despite the additional bus volume on the surface streets.

This project supports the following Transit Strategic Goals:

Objective 3.1 Support a strong, diverse, sustainable economy, Strategy 3.1.1: Through investments and partnerships with regional organizations, local jurisdictions and the private sector, provide alternatives to driving alone that connect people to jobs, education and other destinations essential to King County's economic vitality.

These investments, made in concert with the City of Seattle, other regional transit partners, and the Downtown Seattle Association, provide improvements to transit service operations that benefit transit riders region-wide. The investments allow downtown Seattle and the surrounding Center City neighborhoods to continue to grow and expand, benefitting the region's economic viability.

Objective 5.1 Improve satisfaction with Metro's products and service and the way they are delivered, Strategy 5.1.1: Provide service that is easy to understand and use; Strategy 5.1.3: Improve transit speed and reliability.

These investments improve bus waiting environments and the customer experience, both at the stops and with the speed and reliability of the service as it operates through downtown.

This project supports the County's Equity and Social Justice initiative "Upstream and where needs are greatest". The impacts of this capital investment will be felt by all routes that operate through downtown Seattle, both in-city routes serving riders with a higher proportion of communities of color, low-income populations and limited English-speaking populations, and routes from as far away as Pierce and Snohomish counties.

This project supports the Strategic Action Climate Plan by increasing the use of transit throughout the county.

If the CCMP 2019 program appropriation is not approved, transit speeds and reliability through the downtown Seattle area would degrade, and general traffic movement for all modes of travel would become slower. Metro and all regional transit providers would incur greater operational costs to operate through downtown. Access to downtown Seattle would worsen, impacting jobs, housing, services, entertainment opportunities region-wide.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

TDC CCMP 2019 PROGRAM

1129633

Budget Request Basis

This appropriation request will fund all phases of predesign, design, implementation, and closeout for the project elements included. King County and the City of Seattle will work together to plan and implement the improvements, using a combination of agency staff, consultant resources, and contractors to complete the design and construction of the facilities. Successful implementation will require coordination among parties of all elements.

Project costs are based on an engineer's estimate prepared during the planning phase for this study. Base costs for transit improvements were estimated for King County or City of Seattle standard bid items, based on historical costs from recent local projects. Quantities were derived from corridor sketches and scopes of work prepared by the consulting team, and the assumptions made for the capital improvements required for each project element. Estimates for soft costs (design and construction administration), allowances, contingencies, and escalation were added to base construction costs to arrive at a total cost for each project element. A full report of these costs is provided in the Center City Mobility Plan Phase One Engineer's Estimate, prepared and submitted for the inter-agency planning team by Parsons Corporation in June 2016. Costs for certain project elements were derived in a similar fashion from planning studies completed separately (and previously) by agency partners.

This budget request assumes the project elements represent new work for King County and are not covered in existing appropriations. The project is necessary at this time in order to have project elements in place prior to the end of bus operations through the DSTT in late 2018.

Project Status

The project is currently in the planning phase. Work accomplished to date includes the development of initial project elements and their evaluation for impacts to transit and traffic operations. These draft project elements will be reviewed with key stakeholders and the public through the fall of 2016, with a final recommended set of near-term investments approved at that time.

This new project will advance this planning work through subsequent phases for implementation by December 2018.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

TDC CCMP 2019 PROGRAM

1129633

Alternatives Analysis

Three alternatives have been developed as potential packages of improvement that would maintain and improve mobility and access following the termination of joint bus-rail operations in the Downtown Seattle Transit Tunnel (current planned for late 2018 or 2019). These include detailed recommendations for transit service and capital improvements, and surface street traffic operational changes. The final set of proposed improvements to be selected in fall 2016 will likely combine specific project elements of each alternative into a “hybrid” for implementation.

Alternative 1: Implements nine sets of service interventions that would restructure transit routes serving downtown Seattle from across the region (including certain Sound Transit and Community Transit routes) in order to maintain or reduce surface street bus volumes on congested Center City corridors. The alternative has a greater effect on the local and regional bus system, requiring more changes to passenger transit travel patterns. The service restructures would rely on complementary capital investments on surface streets and at bus stops in the impacted areas, but would maintain the existing pattern of bus operations in downtown Seattle. Transit related capital investment under this alternative would total approximately \$25.1 million.

Alternative 2a: Implements two sets of service interventions to restructure transit routes serving downtown Seattle, with lesser impacts to transit riders compared to Alternative 1, but implements a broader set of capital improvements in the downtown area. The focus of this alternative is to increase transit capacity and improve operational reliability at key points by increasing transit capacity, providing additional transit priority, and enhancing operations for buses and passenger loading. This alternative would establish dual transit lanes on Second Avenue and Fourth Avenue, and a continuous southbound transit lane on Fifth Avenue throughout downtown. Transit related capital investment under this alternative would total approximately \$22.5 million.

Alternative 2b: Implements two sets of service interventions to restructure transit routes serving downtown Seattle, with lesser impacts to transit riders compared to Alternative 1, and implements a broader set of capital improvements in the downtown area. Like Alternative 2b, the focus of this alternative is to increase transit capacity and improve operational reliability, but more significantly alters the patterns of transit routes downtown. Fifth Avenue would be established as a continuous two-way transit spine (similar to the existing transit operations on Third Avenue). Transit related capital investment under this alternative would total approximately \$27.8 million.

For the most conservative estimate of the total project costs, the set of transit-related improvements associated with Alternative 2b has been chosen as the basis for the total estimated project budget.

Funding and Revenue Discussion

Funding for this appropriation would come from the Public Transportation Fund, capital sub fund, with some revenue backing from project partners, to be determined.

At present, total project costs for Alternative 2b total \$63.3 million. This includes \$27.8 million in transit-related expenses that Metro would lead, and that are included in this appropriation request. In addition, non-transit related expenses for additional project elements, such as signal and roadway alterations, are expected to be incurred by other project partners, totaling \$35.5 million.

King County’s share of the total \$63.3 million project cost will be determined through negotiations with project partners, expected to be undertaken in the fall 2016.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

TDC CCMP 2019 PROGRAM

1129633

Other Agency Involvement

To address current and future transportation and public realm needs in the Center City partner agencies are working together to plan and fund both near-term alternatives embodied in this appropriation request, as well as longer-term aspects of the Center City Mobility Plan that will establish a 20-year transportation and public realm vision for Center City. Partner agencies in this effort include King County, Seattle Department of Transportation, Seattle Office of Planning and Community Development, Downtown Seattle Association and Sound Transit. As funding partners, these agencies have made a financial commitment to complete the CCMP. Agency executives and staff are organized into the Executive Steering Committee (ESC) and Interagency Team (IT) and actively participate in developing CCMP recommendations, resolving issues and making decisions, implementing an outreach and communications strategy, and building awareness about the project.

In addition, all capital work undertaken in this project will require construction and street use permits from SDOT.

Art Eligibility

Project components that will be funded by King County are assumed to be eligible for the Transit Division 1% for art calculation. Portions that are funded by partnership contributions would not be eligible.

Equity and Social Justice Impact

This project affects all bus routes operating through the downtown Seattle area, impacting riders region-wide. The impacts of the capital investments, overall, are not expected to disproportionately affect any particular group of riders.

Strategic Climate Action Plan Alignment

The CCMP 2019 program supports the Strategic Climate Action Plan strategies by increasing transit capacity through the downtown area, thereby resulting in a long-term increase in the use of transit county-wide. Project components that will be provided by King County, including passenger facilities infrastructure, will use Metro's standard set of amenities, which have been designed to use sustainable strategies. Green Building Reporting requirements will be followed for project components that are provided by King County.

Operating Budget Impacts

When existing bus routes that currently use the DSTT are rerouted to surface streets, all routes serving the Downtown Seattle area are expected to be impacted. All buses in downtown are expected to travel slower and service reliability is expected to decrease. The additional transit operating costs for Metro routes associated with this change is estimated at \$4.5 million annually. For planning purposes, this baseline operating cost increase, if no service restructures or capital elements were implemented, is assumed to begin with fall 2016 service change. 40,000 additional transit service hours would be needed to address this impact; these hours are assumed to be available in fall 2018.

Service restructures and capital investments planned through the CCMP 2019 program would decrease the operating budget impacts, from \$4.5 million additional annual cost to between \$1.13 million and \$2.08 million additional annual cost (depending on the mix of program elements that are implemented). This would allow a portion of the additional service hours implemented in fall 2018 to be deployed elsewhere at a later date to meet service reliability needs system-wide. This redeployment of service hours will depend on the success of mitigation measures (service restructures and capital investments) undertaken in the CCMP 2019 Program in improving transit travel speeds through downtown, as well as the timeframe completing those investments.

In addition additional transit service hour requirements, two planned program elements would allow off-board fare payment at 14 additional bus stops downtown: 11 stops on Third Avenue (expanding off-board fare payment from the 15 existing downtown stops that serve RapidRide to all Third Avenue stops) and three stops on Union Street-Pike Street (serving a proposed Route 41 service restructure). Assuming a fare inspection rate of 5 percent of routes serving these corridors, this would require additional fare enforcement personnel (officers and supervisors) on an on-going basis, estimated to cost \$1.8 million annually, beginning in 2019.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TDC AB REPL MAINT BLD HVAC

1129634

Baseline Required

Department	TRANSPORTATION
Council District(s)	8
Fund	3641 PUBLIC TRANS CONST-UNREST
Class Code	STANDALONE
Substantial Completion	12/31/2020
Location	Transit Central/Atlantic Base, Seattle
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/01/17 - 06/30/17	\$0	\$250,249	\$0	\$0	\$250,249
2 Preliminary Design 07/01/17 - 12/31/17	\$0	\$550,040	\$0	\$0	\$550,040
3 Final Design 01/01/18 - 12/31/18	\$0	\$1,499,267	\$0	\$0	\$1,499,267
4 Implementation 01/01/19 - 12/31/20	\$0	\$0	\$10,572,627	\$0	\$10,572,627
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$2,299,556	\$10,572,627	\$0	\$12,872,183

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$2,299,556	\$10,572,627	\$0	\$12,872,183
Total Revenue	\$2,299,556	\$10,572,627	\$0	\$12,872,183

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		TDC AB REPL MAINT BLD HVAC				1129634
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$250,249	\$0	\$0	\$250,249
2 Prelim Design	\$0		\$550,040	\$0	\$0	\$550,040
3 Final Design	\$0		\$1,499,267	\$0	\$0	\$1,499,267
4 Implementation	\$0		\$0	\$10,572,627	\$0	\$10,572,627
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$0		\$2,299,556	\$10,572,627	\$0	\$12,872,183

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$250,249	\$250,249	\$0
2 Preliminary Design	\$0	\$550,040	\$550,040	\$0
3 Final Design	\$0	\$1,499,267	\$1,499,267	\$0
4 Implementation	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$2,299,556	\$2,299,556	\$0

NARRATIVES TDC AB REPL MAINT BLD HVAC 1129634

Current Scope

Atlantic Base Replacement of Vehicle Maintenance Building Heating, Ventilation, and Air Cooling System - This project will replace/upgrade the heating-ventilation-air cooling (HVAC) system in the Atlantic Transit Base Vehicle Maintenance (VM) Building.

Project Justification

The HVAC system at Atlantic Base's maintenance building provides the indoor environment for bus repair, inspection, component work, and specialized functions in shops, bays, pits, parts storage. There are regulatory ventilation requirements to keep bus exhaust away from work spaces. This system is at the end of its useful life. It was installed in 2000 with an estimated service life of 15 years and currently requires increasingly frequent maintenance. A new HVAC system will provide opportunities to use new mechanical/electrical technologies, be more energy efficient and reduce operating costs.

This project contributes to the Transit mission to keep physical plant and infrastructure assets in a state of good repair (SGR). The project supports Transit Strategy 6.2.2 which states in part: Provide and maintain capital assets to support efficient and effective service delivery.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	TDC AB REPL MAINT BLD HVAC	1129634
Budget Request Basis		
The budget request for 2017/18 is for planning and design phases.		
Project Status		
Not yet started.		
Alternatives Analysis		
The alternatives analysis will be conducted during the pre-design phase of the project.		
Funding and Revenue Discussion		
This project will be funded by the Public Transportation Fund, capital sub-fund.		
Other Agency Involvement		
N/A		
Art Eligibility		
Project not visible to public - HVAC system.		
Equity and Social Justice Impact		
N/A		
Strategic Climate Action Plan Alignment		
This project will comply with KC Green Building Ordinance for reporting at 30% and at substantial completion. Calculated energy savings will be reported as well.		
Operating Budget Impacts		
N/A		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TDC ST LINK STATION INTEGR

1129636

Art Eligible

Department	TRANSPORTATION
Council District(s)	5, 8
Fund	3641 PUBLIC TRANS CONST-UNREST
Class Code	STANDALONE
Substantial Completion	12/31/2021
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/01/17 - 05/30/17	\$0	\$90,217	\$0	\$0	\$90,217
2 Preliminary Design 03/01/17 - 05/30/17	\$0	\$150,058	\$0	\$0	\$150,058
3 Final Design 06/01/17 - 12/31/19	\$0	\$487,758	\$183,634	\$0	\$671,392
4 Implementation 07/01/17 - 06/30/21	\$0	\$991,635	\$1,512,602	\$510,220	\$3,014,457
5 Closeout 07/01/21 - 12/31/21	\$0	\$0	\$0	\$45,000	\$45,000
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$1,719,668	\$1,696,236	\$555,220	\$3,971,124

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$17,027	\$16,794	\$5,497	\$39,318

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$1,719,668	\$1,696,236	\$555,220	\$3,971,124
Total Revenue	\$1,719,668	\$1,696,236	\$555,220	\$3,971,124

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		TDC ST LINK STATION INTEGR				1129636
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$90,217	\$0	\$0	\$90,217
2 Prelim Design	\$0		\$150,058	\$0	\$0	\$150,058
3 Final Design	\$0		\$487,758	\$183,634	\$0	\$671,392
4 Implementation	\$0		\$991,635	\$1,512,602	\$510,220	\$3,014,457
5 Closeout	\$0		\$0	\$0	\$45,000	\$45,000
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$0		\$1,719,668	\$1,696,236	\$555,220	\$3,971,124

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$90,217	\$90,217	\$0
2 Preliminary Design	\$0	\$150,058	\$150,058	\$0
3 Final Design	\$0	\$487,758	\$487,758	\$0
4 Implementation	\$0	\$991,635	\$991,635	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$1,719,668	\$1,719,668	\$0

NARRATIVES

TDC ST LINK STATION INTEGR

1129636

Current Scope

Sound Transit Link Station Integration - This project will enhance connectivity between King County Metro bus service and Sound Transit (ST) Link light rail services by designing and constructing improved passenger facilities for customers, including: passenger amenities at bus stops, pedestrian access improvements between transit services, way finding signs to orient transit users, and printed or electronic information for customers including schedules, maps, and bus arrivals. Improvements will be provided at 18 new or existing bus stops and along pedestrian connections between bus stops, in vicinity of Sound Transit Link light rail stations including: Capitol Hill; University of Washington; University District; and Roosevelt stations. Rail service to University District and Roosevelt is scheduled to begin in 2021. The program includes staff support for planning and pre-design of Sound Transit station area bus-rail integration efforts noted above on Sound Transit Link line extensions along North Link from Roosevelt to Northgate, South Link from SeaTac to Federal Way, and East Link from downtown Seattle to Redmond, where rail operations is scheduled to begin by 2023.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

TDC ST LINK STATION INTEGR

1129636

Project Justification

The integration between Metro bus and ST rail services provides an opportunity to improve transit service connectivity, reduce the burden to passengers who transfer and expand customer's choices to take transit to desired destinations. Meeting these objectives will help increase transit ridership and reduce vehicle demand on congested connecting corridors, traffic congestion on the freeways, and within the local arterial system.

This proposed project is part of a larger effort to provide seamless intermodal transit service connectivity and improved customer access through facility improvements and improved customer information. Additional improvements at these Link Light Rail Train (LRT) stations, outside the scope of this project, will be undertaken by Sound Transit and the Seattle Department of Transportation, as recommended by a joint-agency Sound Transit Station Area Planning effort began in 2015 by King County Metro, Sound Transit, and the City of Seattle, and overseen by the King County Metro / Sound Transit Integration Steering Committee. Similar partnerships are expected to be formed in subsequent years between King County Metro, Sound Transit, and the local agencies for East and South Link.

Budget Request Basis

Project Status

This request is a planning level estimate based on previous experience designing and constructing similar improvements.

Alternatives Analysis

Staff from King County, Sound Transit, and the Seattle Department of Transportation, considered nineteen elements of improvement at each bus stop location to determine if it should be included. The team then developed the scope of work for the bus stop improvements at the Link stations. At Roosevelt Station, the team agreed to consolidate the pair of bus stops in each direction along NE 65th Street on the south entrance, where a single pair of bus stops will be located directly across from the Link Station entrance.

Funding and Revenue Discussion

This project is funded by the Public Transportation Fund, capital sub fund.

Other Agency Involvement

The project partners include Sound Transit, King County Metro, and the City of Seattle.

Art Eligibility

N/A

Equity and Social Justice Impact

The bus stops serve a large number of senior citizens, minorities, low-income citizens, and people with disabilities in the University District and on Capitol Hill.

Strategic Climate Action Plan Alignment

The project includes solar powered bus shelter lighting and trash compactor built into the trash receptacle, reducing the dependency on electricity. Whenever possible, refurbished bus shelters are provided at bus stops.

Operating Budget Impacts

Annual operating costs associated with the project when complete: \$21,500 for utility power and bus shelter maintenance. Operating costs will begin in 2017.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TDC SOUTH BASE EXPANSION

1129642

Art Eligible

Department	TRANSPORTATION
Council District(s)	8
Fund	3641 PUBLIC TRANS CONST-UNREST
Class Code	STANDALONE
Substantial Completion	
Location	12400 E. Marginal Way S., Tukwila 98168: Tukwila.
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$338,500	\$0	\$0	\$338,500
2 Preliminary Design	\$0	\$105,153	\$0	\$0	\$105,153
3 Final Design	\$0	\$300,000	\$675,000	\$575,000	\$1,550,000
4 Implementation	\$0	\$4,504,934	\$6,672,750	\$21,779,667	\$32,957,351
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$42,000,000	\$0	\$0	\$42,000,000
Total Budget	\$0	\$47,248,587	\$7,347,750	\$22,354,667	\$76,951,004

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$405,989	\$72,750	\$221,333	\$700,073

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$47,248,587	\$7,347,750	\$22,354,667	\$76,951,004
Total Revenue	\$47,248,587	\$7,347,750	\$22,354,667	\$76,951,004

EXPENSE

TDC SOUTH BASE EXPANSION1129642

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$338,500	\$0	\$0	\$338,500
2 Prelim Design	\$0	\$0	\$105,153	\$0	\$0	\$105,153
3 Final Design	\$0	\$0	\$300,000	\$675,000	\$575,000	\$1,550,000
4 Implementation	\$0	\$0	\$4,504,934	\$6,672,750	\$21,779,667	\$32,957,351
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$42,000,000	\$0	\$0	\$42,000,000
Total Expense	\$0	\$0	\$47,248,587	\$7,347,750	\$22,354,667	\$76,951,004

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$338,500	\$338,500	\$0
2 Preliminary Design	\$0	\$105,153	\$105,153	\$0
3 Final Design	\$0	\$300,000	\$300,000	\$0
4 Implementation	\$0	\$4,504,934	\$4,504,934	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$42,000,000	\$42,000,000	\$0
Total	\$0	\$47,248,587	\$47,248,587	\$0

NARRATIVES

TDC SOUTH BASE EXPANSION

1129642

Current Scope

South Base Expansion - The primary scope of this project is to purchase property and buildings near the South Transit Operating Base. This acquisition will enable the Transit Division to increase bus base capacity and remedy overcrowded conditions of the support functions presently located around South Base. A secondary scope is to relocate various work groups into the acquired building and demolish the training facility for reuse as interim bus parking in order to begin increasing capacity at the Base.

This project is one of three land acquisition efforts to expand the transit base network capacity to meet unprecedented regional transit demands forecasted in the Transit Division's Metro Long Range Plan. To capture the real estate opportunities in competitive markets in Seattle and King County, Transit is focusing on identified properties in Tukwila (for South Base), the SODO area (for Central Base) and seeking property for an eighth transit base in South King County. Both South and Central base expansions will help ease capacity constraints until a new base can be built and open for service by the 2025-2030 timeframe.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

TDC SOUTH BASE EXPANSION

1129642

Project Justification

Metro's Long Range Plan forecasts a 70% increase in service by 2040. To support this service, the bus fleet will expand. This places capacity demands on all of Transit's existing seven bus bases, of which only Central Base and South Base have opportunities to add more property. At present, six of the seven bases are already at overcapacity, operating at tight maintenance levels in order to not impact current service delivery.

Central Base expansion in the near-term will add approximately 100 more bus parking stalls, increasing its fleet to a maximum of 550 buses, unless additional property can be acquired. The opportunity to purchase the target property in Tukwila, right next to South Base, presented itself unexpectedly. Given the landholders in this industrial area, this property is the only opportunity to expand. Without this acquisition, Transit will be limited to the pursuit of properties near Central Base which could take five or more years. Without this acquisition, Transit would not be able to deliver service to the full extent as stated in its long range plan; the bases will continue to be at overcapacity for many years until property is purchased or an eighth base constructed by 2030.

As service grows, so does the need to maintain additional assets (e.g, cleaning more shelters, maintaining more buses, more yard areas to sweep) and add more support personnel (trainers to train more drivers, more bus parts to manage, more equipment to inspect). The second part of this project is to provide employees with functional and safe working environments ("Make Metro a good place to work," "Keep employees and public safe"). The building on the Tukwila property has occupancy-ready spaces to relocate those work groups from overcrowded facilities within the year. Through these vacancies, Transit can begin plans to expand capacity at South Base, and help alleviate overcapacity at Central Base for the interim.

Equity and Social Justice – Yes, to the extent that this property can help deliver the services to underserved areas.

Strategic Climate Action Plan – Yes, future new facilities will incorporate green building requirements.

Best Run Government – Yes, Transit will deliver what it promises to deliver with the physical infrastructure/assets (land, buildings, equipment) necessary to do so.

Budget Request Basis

The requested budget accounts for the sale price and associated costs (closing, inspections, environmental analysis, etc.) and near term relocation and tenant improvements. Additional budget to support base expansion will be requested in future capital budget applications.

Project Status

This is a new request.

Alternatives Analysis

N/A

Funding and Revenue Discussion

The Public Transportation Fund, capital sub-fund.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

TDC SOUTH BASE EXPANSION

1129642

Other Agency Involvement

The Transit Division leads this project with assistance from the Prosecuting Attorney's Office. External agencies include FTA (review of property purchases) and City of Tukwila (entitlements). The FTA reviews property purchases on which FTA-supported projects may be located. In this case, subsequent capital projects needed to expand base functionality may have FTA financial participation and, therefore, trigger federal review of underlying land purchases.

Involvement of Transit's internal sections is needed to implement this plan, notably:

Real Estate from the Design & Construction section

Fleet planning from the Vehicle Maintenance section

Strategic long range planning from the Strategy & Performance section

Asset management and capital project planning from the Power & Facilities section

Project implementation from Design & Construction

Art Eligibility

Equity and Social Justice Impact

Bus service routes assigned to South Base serves roughly the area from South Seattle to South King County. The Metro Long Range Plan calls for significant increase in service projected in south King County. This area is experiencing a high rate of growth for minority and/or low-income populations due to the lack of affordable housing and higher cost of living in urban Seattle. The plan to expand South Base will address inequity and social justice by providing more service in south King County while an additional base is constructed.

Strategic Climate Action Plan Alignment

NA. This project is to acquire property inclusive of buildings, and to reuse said buildings within the current land use code. There is a planned demolition of one building which will be subject to recycled demolished materials requirements.

Operating Budget Impacts

Should the property sale close, the affected work groups could be impacted by move preparations, relocations and settlement. While these work groups may not need to increase their operating budget, work schedules could be disrupted during vacancies and reoccupation.

Work requests made by affected work groups could increase work to Transit Facilities Maintenance for minor modifications or adjustments to new work spaces. The estimate for this impact to the Power & Facilities section's operating budget cannot be ascertained at this time.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TDC YESLER WAY ELECTRIFIC

1129643

Art Eligible

Department	TRANSPORTATION
Council District(s)	2, 8
Fund	3641 PUBLIC TRANS CONST-UNREST
Class Code	STANDALONE
Substantial Completion	12/31/2023
Location	Yesler Way, 8th Avenue, 9th Avenue in Seattle.
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/01/17 - 03/31/17	\$0	\$943,460	\$0	\$0	\$943,460
2 Preliminary Design 04/01/17 - 12/31/17	\$0	\$1,010,949	\$0	\$0	\$1,010,949
3 Final Design 01/01/19 - 12/31/20	\$0	\$0	\$2,206,243	\$0	\$2,206,243
4 Implementation 01/01/21 - 12/31/23	\$0	\$19,544	\$22,062	\$24,932,124	\$24,973,730
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$1,973,953	\$2,228,305	\$24,932,124	\$29,134,382

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$19,544	\$22,063	\$246,852	\$288,459

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$1,973,953	\$2,228,306	\$24,932,123	\$29,134,382
Total Revenue	\$1,973,953	\$2,228,306	\$24,932,123	\$29,134,382

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		TDC YESLER WAY ELECTRIFIC				1129643
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$952,895	\$0	\$0	\$952,895
2 Prelim Design	\$0		\$1,021,058	\$0	\$0	\$1,021,058
3 Final Design	\$0		\$0	\$2,228,306	\$0	\$2,228,306
4 Implementation	\$0		\$0	\$0	\$24,932,123	\$24,932,123
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$0		\$1,973,953	\$2,228,306	\$24,932,123	\$29,134,382

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$943,460	\$952,895	(\$9,435)
2 Preliminary Design	\$0	\$1,010,949	\$1,021,058	(\$10,109)
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$19,544	\$0	\$19,544
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$1,973,953	\$1,973,953	\$0

NARRATIVES	TDC YESLER WAY ELECTRIFIC	1129643
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Current Scope

Yesler Way Electrification - This project is the first two phases of a project that will construct approximately 0.6 miles of new trolley overhead wire and support structures along Yesler Way between Third Avenue and 8th Avenue, along 8th Avenue between Yesler Way and Fir Street, and along 9th Avenue between Fir Street and Jefferson Street. It will involve constructing new trolley infrastructure and tying into existing trolley system at two locations. When complete, this project will expand the trolley system providing an improved pathway for trolley buses to use between the Seattle Central Business District and First Hill.

The work under this appropriation involves the planning and predesign phases required to proceed with the design of the construction of trolley overhead wire and support structures. The information from this effort will provide direction to management on the scope and costs of the proposed improvements including the requirements to provide support structures on the bridge over I-5. With management approval the project can be programmed to complete the design and construct the project under the following year budget cycle (2019-2020).

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

TDC YESLER WAY ELECTRIFIC

1129643

Project Justification

Routes 3 and 4 are two of Metro's most productive routes serving approximately 3.5 million riders annually. The routes currently experience poor on-time performance due to constrained operations through a congested choke point on James Street near the I-5 ramp. If this project moved forward, trolley routes 3 and 4 could be routed via Yesler Way to avoid heavy congestion and provide more reliable operations. The expected impact of this project is improved speed and reliability of routes 3 and 4, providing a more attractive service to Metro riders.

This request is justified in the 2017-18 biennium in the context of a host of projects that will bring even more congestion to downtown Seattle surface streets in the near future, including the expansion of the Convention Center, construction of a new waterfront Alaskan Way corridor, and end of joint operations in the Downtown Seattle Transit Tunnel.

This request would also allow Metro to plan to more directly serve the Yesler Terrace redevelopment project with electric trolley buses, which is consistent with Equity and Social Justice goals. Providing improved electric trolley bus service is also consistent with the Strategic Climate Action Plan goals of improving transit ridership and reliability.

The risk of not implementing this project is continued poor reliability of routes 3 and 4, and even worse reliability as downtown congestion grows. With growth in employment and population in downtown Seattle and First Hill, the congestion near I-5 on ramps will increase in the near future. Not implementing this project would miss an opportunity to create an improved long-term pathway and serve areas of development at Yesler Terrace that would otherwise have little transit service.

Budget Request Basis

This budget request is limited to resources to perform the planning, preliminary design and predesign work for the corridor. It will also provide enough engineering and planning for future environmental documentation. One of the deliverables will be a detailed predesign report that documents the efforts including the alternatives analysis and provides a comprehensive cost estimate. This document will be used as a basis to continue the project and to support management's future capital budgeting efforts in the years beyond 2018. The number of unknown site conditions along the corridor prohibit the ability calculate a reliable preliminary cost estimate for the entire project at this time.

The current request includes staff time to acquire a consultant team to then assist staff in the above detailed work.

Project Status

Metro has conducted preliminary service planning work on the route 3 and 4 reroute and Yesler Way wire project. It has been included in numerous planning efforts including planning efforts related to the Alaskan Way Viaduct, downtown Seattle mobility, and the Metro Connects Long Range Plan. We plan to conduct public outreach in 2017 if this appropriation is approved.

This project intersects with the Seattle Department of Transportation's Yesler Way Bridge Rehabilitation project (a \$19.8 million project funded by Bridging the Gap levy). That city project has been designed such that the newly rehabilitated bridge will be able to support the trolley overhead that would be required for the Yesler Way wire project. The bridge rehabilitation is expected to be completed in fall 2017.

Alternatives Analysis

There are limited east-west pathways between downtown Seattle and First Hill. The alternative to this project is to keep service on its current pathway on James Street.

Funding and Revenue Discussion

Other Agency Involvement

The Seattle Department of Transportation's Yesler Way Bridge Rehabilitation project was designed to support future trolley overhead infrastructure. This Yesler Wire project is included in the City of Seattle's Transit Master Plan and the city is supportive of this project.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

TDC YESLER WAY ELECTRIFIC

1129643

Art Eligibility

NA

Equity and Social Justice Impact

Transportation is one of the key determinants of equity identified by the county. Both routes 3 and 4 serve riders in areas with higher low-income and minority populations than the county averages. Improving reliability of service thus provides improved access and better service for those populations. This project would also improve service to Yesler Terrace, a large Seattle Housing Authority development where a current subsidized housing development is being redeveloped as a mixed-use community including 1,800 subsidized housing units for low and moderate-income residents.

Strategic Climate Action Plan Alignment

This project is consistent with Goal Area 1, Strategies A and B of the Strategic Climate Action Plan. This project would make transit more attractive for riders by reducing delay for riders. It would provide improved service on a corridor with high low-income and minority populations relative to the rest of the county. Both of these aspects are consistent with SCAP goals of increasing transit ridership and access in low-income communities. This project would improve the reliability of two of Metro's high-ridership electric trolley bus routes, which provide service using a zero-emission fleet.

Operating Budget Impacts

There is no anticipated impact to Metro's operating budget. However, the improvement in speed and reliability of routes 3 and 4 will allow Metro to maintain existing schedules and prevent the need to add more time in the schedules as congestion grows. Route 3 was identified as needing investment to improve reliability in Metro's 2015 Service Guidelines Report.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TDC CNTRL/ATL BASE EXP

1129644

MPA Reporting, Art Eligible

Department	TRANSPORTATION
Council District(s)	2
Fund	3641 PUBLIC TRANS CONST-UNREST
Class Code	STANDALONE
Substantial Completion	12/31/2025
Location	Seattle
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$873,029	\$230,000	\$0	\$1,103,029
2 Preliminary Design	\$0	\$0	\$300,000	\$150,000	\$450,000
3 Final Design	\$0	\$0	\$125,000	\$400,000	\$525,000
4 Implementation	\$0	\$1,351,723	\$5,637,300	\$17,377,500	\$24,366,523
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$57,750,000	\$0	\$0	\$57,750,000
Total Budget	\$0	\$59,974,752	\$6,292,300	\$17,927,500	\$84,194,552

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$528,235	\$62,300	\$177,500	\$768,035

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$59,974,752	\$6,292,300	\$17,927,500	\$84,194,552
Total Revenue	\$59,974,752	\$6,292,300	\$17,927,500	\$84,194,552

EXPENSE TDC CNTRL/ATL BASE EXP 1129644

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$873,029	\$230,000	\$0	\$1,103,029
2 Prelim Design	\$0	\$0	\$0	\$300,000	\$150,000	\$450,000
3 Final Design	\$0	\$0	\$0	\$125,000	\$400,000	\$525,000
4 Implementation	\$0	\$0	\$1,351,723	\$5,637,300	\$17,377,500	\$24,366,523
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$57,750,000	\$0	\$0	\$57,750,000
Total Expense	\$0	\$0	\$59,974,752	\$6,292,300	\$17,927,500	\$84,194,552

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$873,029	\$873,029	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$1,351,723	\$1,351,723	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$57,750,000	\$57,750,000	\$0
Total	\$0	\$59,974,752	\$59,974,752	\$0

NARRATIVES

TDC CNTRL/ATL BASE EXP

1129644

Current Scope

Central/Atlantic Base Expansion Project - The scope of this project comprises all the activities that will lead to the purchase of land adjacent to the Atlantic/Central [joint] Base. To simplify the description, this expansion effort will be referred to as "Central Base." This purchase will extend the base property, thereby enabling Transit to realize the long range plan for service by supplying more base capacity. The properties will enable Transit to implement the 2013 Atlantic-Central Base Master Plan which calls for 1) increasing bus parking and bus maintenance and 2) relocating non-direct base functions that will be displaced. The parcels will add approximately 9.14 acres to the Central Campus (which comprises the property across 6th Avenue South and Ryerson Base). The parcels will supply space for additional bus parking and maintenance and will provide space for displaced functions.

This project is one of three land acquisition efforts to expand the transit base network capacity to meet unprecedented regional transit demands forecasted in the Transit Division's Metro Long Range Plan. To capture the real estate opportunities in competitive markets in Seattle and King County, Transit is focusing on identified properties in the SODO area (for Central Base) and Tukwila (for South Base) and seeking property for an eighth transit base in South King County. Both Central and South base expansions will help ease capacity constraints until a new base can be built and open for service by the 2025-2030 timeframe.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

TDC CNTRL/ATL BASE EXP

1129644

Project Justification

The Puget Sound region is expected to grow by approximately 1 million people and 850,000 jobs in the next 25 years. For the region to meet future transportation demand, the Puget Sound Regional Council's Transportation 2040 Plan identifies the need for all transit agencies to double their ridership. According to the Metro Long Range Plan, that means adding 70% more service hours than currently provided with an expanded bus fleet. High levels of growth are currently centered in the urban areas, particularly Seattle. In addition, the City of Seattle has plans to add its own bus service, to be operationally and functionally supported by our transit bases.

Except for Central and South bases, Transit's other five bases have little ability to expand. While the Long Range Plan urges the development of additional bases, the time-frame for building a new base and putting it into operation is approximately fifteen years. Thus, Transit's ability to meet all expansion needs in the next fifteen years rests with Central and South bases.

There are two additional factors that press Transit to purchase property to expand Central Base in the 2017-18 budget cycle. First, the SODO district where the Central Campus bases are located, is undergoing significant changes. Where SODO was once exclusively industrial, the land uses are now changing to office, retail and recreational. Many properties in SODO are now owned by investors, including the three properties targeted in this project. For one of the properties, re-development is imminent; the investors have already developed conceptual re-development plans. It is infeasible for Transit to purchase newly re-developed property, only to remove improvements to make room for bus parking. Another property may lose its tenant due to its rumored intent to relocate to Port property. The loss of a tenant often results in a significant real estate change such as a sale or redevelopment. It is incumbent upon Transit to be in a position to purchase prior to redevelopment activities. Additionally, property prices are increasing rapidly in the urban area, including SODO, and may soon become unaffordable for transit use. Second, the business cycle is just over the peak and beginning to head downward. While the next down-cycle is forecasted at this time to be moderate by the State Economic Council, Transit resources will likely be dedicated to maintaining existing transit service in the middle of any down cycle. Thus, if property is not purchased now, it is likely that the business cycle will not be favorable for property purchases again for several years due to high real estate prices and limited property availability in the SODO district. The opportunity to buy property will have passed. Under these circumstances, Transit would not be in a position to satisfy the need—and demand—for transit in its service areas, in accordance with the long range plan.

Equity and Social Justice – Yes, by providing much needed affordable transit service to diverse communities living and working within growth centers, removing transportation barriers that directly affect equal access to jobs, housing, medical care, commerce and recreation.

Strategic Climate Action Plan – Yes, by providing mass transit to growing communities, thereby reducing carbon pollution and maintaining sustainable transportation choices.

Best Run Government – Yes, by providing second-to-none service to transit customers by matching population growth with increased transit service.

Budget Request Basis

The requested budget accounts for the activities and costs associated with negotiations, feasibility studies, title reports and ALTA surveys, environmental due diligence, entitlements and appraisals/review appraisals, and the purchase prices. Work will be conducted by internal staff and consultants. The budget includes costs associated with condemnation, if a purchase/sale agreement cannot be achieved by negotiation.

Real estate consultants provided estimates of property value. External relocation experts were consulted for costs of typical relocations. Estimates for other external services, such as title, appraisal, environmental due diligence, were provided by internal staff with experience procuring and overseeing these services. Staff also provided estimates of staff time required to conduct all property purchase activities.

Project Status

This is a new request.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

TDC CNTRL/ATL BASE EXP

1129644

Alternatives Analysis

The three SODO properties targeted for acquisition are contiguous with existing properties owned by Transit for base and transit support functions.

Advantages are:

Opportunity to expand the Atlantic-Central Base property line to ease daily operations and bus movement.

Avoids conflict with public vehicle and pedestrian traffic.

Ability to relocate non-base core functions off of base property but accessible within the Central Campus area.

Alternative is other SODO properties that are not contiguous with the AC Base:

Inefficient base operations due to the need to leave and reenter properties.

Add to overall traffic congestion in the SODO area, likely increasing potential conflict with vehicle and pedestrian traffic especially on game days.

Game day and event traffic would delay buses and other transit vehicles required to be on schedule.

Move away from the centralized "campus" concept of base and support functions in one contained area.

Funding and Revenue Discussion

The Public Transportation Fund, capital sub-fund.

Other Agency Involvement

Art Eligibility

Equity and Social Justice Impact

Transit service from the three bases that comprise Central Campus has the highest ridership and reaches many underserved communities where buses are the sole mode of travel in the Seattle proper area. There will always be more demand for Seattle bus service than what Transit can provide. Sound Transit U-Link stations at minority and/or low-income communities compel more bus service for multi-modal connections. In addition, recent transportation studies indicate people who live in Seattle are driving less, some foregoing cars altogether, and relying on Metro and Sound Transit for mobility. Transit's ability to continuing serving Seattle underserved neighborhoods can only happen with expanding Central Base.

Strategic Climate Action Plan Alignment

N/A. This project is to only acquire land.

Operating Budget Impacts

None, this project is to purchase properties.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TDC ON BUS CAMERA EXP

1129648

Department	TRANSPORTATION
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3641 PUBLIC TRANS CONST-UNREST
Class Code	STANDALONE
Substantial Completion	12/31/2025
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/01/17 - 03/31/17	\$0	\$42,238	\$0	\$0	\$42,238
2 Preliminary Design 04/01/17 - 12/31/17	\$0	\$42,238	\$0	\$0	\$42,238
3 Final Design 01/11/18 - 03/01/18	\$0	\$68,927	\$0	\$0	\$68,927
4 Implementation 01/01/17 - 12/31/22	\$0	\$7,446,852	\$1,121,150	\$942,150	\$9,510,152
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$7,600,255	\$1,121,150	\$942,150	\$9,663,555

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$7,600,255	\$1,121,150	\$942,150	\$9,663,555
Total Revenue	\$7,600,255	\$1,121,150	\$942,150	\$9,663,555

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		TDC ON BUS CAMERA EXP					1129648
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense	
1 Planning	\$0	\$0	\$42,238	\$0	\$0	\$42,238	
2 Prelim Design	\$0	\$0	\$42,238	\$0	\$0	\$42,238	
3 Final Design	\$0	\$0	\$68,927	\$0	\$0	\$68,927	
4 Implementation	\$0	\$0	\$7,446,852	\$1,121,150	\$942,150	\$9,510,152	
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0	
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0	
Total Expense	\$0	\$0	\$7,600,255	\$1,121,150	\$942,150	\$9,663,555	

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$42,238	\$42,238	\$0
2 Preliminary Design	\$0	\$42,238	\$42,238	\$0
3 Final Design	\$0	\$68,927	\$68,927	\$0
4 Implementation	\$0	\$7,446,852	\$7,446,852	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$7,600,255	\$7,600,255	\$0

NARRATIVES TDC ON BUS CAMERA EXP 1129648

Current Scope

On Bus Camera Expansion - The project implements King County Executive's proposal to equip 100 percent of Metro's transit coaches with on-board camera systems (OBCS) within as short a timeframe as reasonable. The project scope produces an OBCS Program that includes on-board camera components including cameras and digital video recorder (DVR) with hard-drive storage. To equip 100 percent of Metro coaches with OBCS requires both the retrofit of some existing buses with camera systems and the acquisition of new coaches with original equipment manufacturer installed OBCS.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

TDC ON BUS CAMERA EXP

1129648

Project Justification

The OBCS expansion project supports King County and Metro Transit's Strategic Plan's security and safety and financial stewardship goals. The visible presence of OBCS enhances operator and passengers' perceptions of safety and security. In combination with other security measures, OBCS have proven to deter individuals from committing property crimes (theft, vandalism) and may deter operator assaults. However, the primary benefits are derived post-accident or incident. Specifically, OBCS improves the outcome of investigations and mitigate liability risks inherent to the operation of public transportation. A video record provides invaluable post-incident information to those investigating accidents or unlawful or other acts that violate Metro Transit's Code of Conduct.

Budget Request Basis

This budget request is based on Transit's current costs of camera installations.

Project Status

The project to expand OBCS coverage beyond the 56 percent coverage anticipated by the end of 2016 has not started. Upon King County Council approval of funding, planning and procurement will begin early 2017, with 336 retrofit installations occurring in 2017/18, the procurement of OBCS in 2017/18, and management package in use in 2018/19 once the next generation wireless project can accommodate OBCS wireless communication needs.

Alternatives Analysis

The risk of not expanding OBCS coverage is the inability of almost half of Metro's fleet to capture video images in a security and/or safety event and continued high administrative expense resulting from manual video retrieval and preventative maintenance inspection procedures and higher risk management expenses.

Funding and Revenue Discussion

This project will be funded by the Public Transportation Fund, capital sub fund.

Other Agency Involvement

With the exception of KCIT that will provide hardware and wireless communication infrastructure related to the implementation of OBCS management software, no other agencies are involved with the camera program expansion.

Art Eligibility

This project is for equipment purchase/installation and is not eligible for art contribution.

Equity and Social Justice Impact

When all of Metro transit coaches are equipped with OBCS, every King County community will experience the safety and security benefit.

Strategic Climate Action Plan Alignment

N/A

Operating Budget Impacts

The camera expansion program will require additional staff to perform the installations and related work. This impact is captured by the operating decision package that will accompany this request.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TDC ON BORAD SYSTEM REPL

1129745

Department	TRANSPORTATION
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3641 PUBLIC TRANS CONST-UNREST
Class Code	STANDALONE
Substantial Completion	
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$1,500,000	\$12,000,000	\$13,500,000
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$0	\$1,500,000	\$12,000,000	\$13,500,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$0	\$1,500,000	\$12,000,000	\$13,500,000
Total Revenue	\$0	\$1,500,000	\$12,000,000	\$13,500,000

EXPENSE

TDC ON BORAD SYSTEM REPL

1129745

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$0	\$0	\$0	\$0
2 Prelim Design	\$0		\$0	\$0	\$0	\$0
3 Final Design	\$0		\$0	\$0	\$0	\$0
4 Implementation	\$0		\$0	\$1,500,000	\$12,000,000	\$13,500,000
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$0		\$0	\$1,500,000	\$12,000,000	\$13,500,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0

NARRATIVES

TDC ON BORAD SYSTEM REPL

1129745

Current Scope

On Board System Replacement - This is an out year placeholder for replacement of existing systems on the bus. The existing systems addressed by this replacement provide automated vehicle location, automated stop announcements, automated passenger counting, and interior next stop displays.

Project Justification

Budget Request Basis

Project Status

Alternatives Analysis

Funding and Revenue Discussion

Other Agency Involvement

Art Eligibility

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	TDC ON BORAD SYSTEM REPL	1129745
Equity and Social Justice Impact		
Strategic Climate Action Plan Alignment		
Operating Budget Impacts		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TDC MC P&R EXPANSION

1129746

Art Eligible

Department	TRANSPORTATION
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3641 PUBLIC TRANS CONST-UNREST
Class Code	STANDALONE
Substantial Completion	
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$1,295,381	\$0	\$1,295,381
2 Preliminary Design	\$0	\$0	\$0	\$631,176	\$631,176
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$2,040,572	\$6,189,244	\$8,229,816
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$0	\$3,335,953	\$6,820,420	\$10,156,373

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$33,029	\$67,528	\$100,557

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$0	\$1,684,492	\$3,443,974	\$5,128,466
33436 - WA ST DEPT TRANSPORTATION	\$0	\$825,731	\$1,688,223	\$2,513,954
33705 - INTERLOCAL SEATTLE	\$0	\$825,731	\$1,688,223	\$2,513,954
Total Revenue	\$0	\$3,335,954	\$6,820,420	\$10,156,374

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		TDC MC P&R EXPANSION				1129746
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$0	\$1,268,664	\$0	\$1,268,664
2 Prelim Design	\$0		\$0	\$0	\$631,176	\$631,176
3 Final Design	\$0		\$0	\$0	\$0	\$0
4 Implementation	\$0		\$0	\$0	\$0	\$0
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$0		\$0	\$2,067,289	\$6,189,244	\$8,256,533
Total Expense	\$0		\$0	\$3,335,953	\$6,820,420	\$10,156,373

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0

NARRATIVES	TDC MC P&R EXPANSION	1129746
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Current Scope

METRO CONNECTS Park & Ride Expansion - The project would build two 250-stall structured park-and-ride garages. The project would include planning, property acquisition, pre-design and environmental review, design, construction, and close out. The project assumes a 50 percent match, 25 percent from grant funds and 25 percent from partner city contributions. This project is planned to start in 2019, if approved.

Project Justification

Budget Request Basis

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	TDC MC P&R EXPANSION	1129746
Project Status		
Alternatives Analysis		
Funding and Revenue Discussion		
Other Agency Involvement		
Art Eligibility		
Equity and Social Justice Impact		
Strategic Climate Action Plan Alignment		
Operating Budget Impacts		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TDC MC RR EXPANSION

1129747

Art Eligible

Department	TRANSPORTATION
Council District(s)	1, 2, 5, 6, 7, 9
Fund	3641 PUBLIC TRANS CONST-UNREST
Class Code	STANDALONE
Substantial Completion	
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/01/17 - 12/31/18	\$0	\$1,946,280	\$0	\$0	\$1,946,280
2 Preliminary Design 01/01/17 - 12/31/22	\$0	\$4,244,190	\$14,086,710	\$14,185,710	\$32,516,610
3 Final Design 01/01/18 - 12/31/23	\$0	\$6,856,050	\$18,998,410	\$34,881,920	\$60,736,380
4 Implementation 01/01/19 - 12/31/24	\$0	\$135,115	\$41,014,776	\$160,517,915	\$201,667,806
5 Closeout 09/01/19 - 12/31/25	\$0	\$0	\$155,980	\$516,970	\$672,950
6 Acquisition 01/01/18 - 12/31/25	\$0	\$465,000	\$6,980,000	\$24,725,000	\$32,170,000
Total Budget	\$0	\$13,646,635	\$81,235,876	\$234,827,515	\$329,710,026

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$135,115	\$804,316	\$2,325,025	\$3,264,456

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$13,646,635	\$73,112,288	\$211,344,763	\$298,103,686
33118 - FED TRANSIT CAP INVEST	\$0	\$8,123,588	\$23,482,752	\$31,606,340
Total Revenue	\$13,646,635	\$81,235,876	\$234,827,515	\$329,710,026

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		TDC MC RR EXPANSION				1129747
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$1,946,280	\$0	\$0	\$1,946,280
2 Prelim Design	\$0	\$0	\$4,244,190	\$14,086,710	\$14,185,710	\$32,516,610
3 Final Design	\$0	\$0	\$6,856,050	\$18,998,410	\$34,881,920	\$60,736,380
4 Implementation	\$0	\$0	\$135,115	\$41,014,776	\$160,517,915	\$201,667,806
5 Closeout	\$0	\$0	\$0	\$155,980	\$516,970	\$672,950
6 Acquisition	\$0	\$0	\$465,000	\$6,980,000	\$24,725,000	\$32,170,000
Total Expense	\$0	\$0	\$13,646,635	\$81,235,876	\$234,827,515	\$329,710,026

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$1,946,280	\$1,946,280	\$0
2 Preliminary Design	\$0	\$4,244,190	\$4,244,190	\$0
3 Final Design	\$0	\$6,856,050	\$6,856,050	\$0
4 Implementation	\$0	\$135,115	\$135,115	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$465,000	\$465,000	\$0
Total	\$0	\$13,646,635	\$13,646,635	\$0

NARRATIVES TDC MC RR EXPANSION 1129747

Current Scope

METRO CONNECTS RapidRide Expansion - Corridors for the next RapidRide lines to be implemented in the 2019-2025 timeframe have been identified in METRO CONNECTS, King County Metro's draft long range plan. METRO CONNECTS identifies 13 new RapidRide corridors by 2025. Seven RapidRide lines are planned for implementation by the City of Seattle beginning in 2019, and six additional corridors, located primarily suburban jurisdictions of King County, are planned for implementation beginning in 2021.

Thirteen (13) King County RapidRide corridors will be implemented in this project. The first year of operations for two of the 13 new RapidRide lines is planned for 2019.

Program-wide planning, covering initial program-wide conceptual design efforts, will begin in 2017 for routes located in suburban King County and will encompass activities such as: RapidRide network planning; development of a program-wide implementation, phasing and funding plan; and potentially performance of corridor-specific analyses. In addition, on corridors within the City of Seattle, conceptual planning efforts are underway or have already been completed by the City of Seattle, will move into the pre-design phase in 2017, continue into final design in 2018, and begin construction in 2019. A similar staggered phasing would occur for subsequent lines, with the project fully complete in 2025.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

TDC MC RR EXPANSION

1129747

Project Justification

In addition to supporting METRO CONNECTS, this project supports the following Transit Strategic Goals:

Objective 3.1 Support a strong, diverse, sustainable economy, Strategy 3.1.1: Through investments and partnerships with regional organizations, local jurisdictions and the private sector, provide alternatives to driving alone that connect people to jobs, education and other destinations essential to King County's economic vitality.

The RapidRide expansion program provides a unique opportunity for King County to partner with local cities in the planning, design and construction of the capital elements needed to support this capital program.

Objective 5.1 Improve satisfaction with Metro's products and service and the way they are delivered, Strategy 5.1.1: Provide service that is easy to understand and use; Strategy 5.1.3: Improve transit speed and reliability.

This project supports the County's Equity and Social Justice initiative "Upstream and where needs are greatest". The RapidRide expansion is expected to create a network of bus rapid transit routes throughout the highest-density areas of King County, including serving populations that have a high proportion of communities of color, low-income populations and limited English-speaking populations. Connections between major regional institutions, including colleges and universities, are provided through the implementation of these RapidRide lines.

This project supports the Strategic Action Climate Plan by increasing the use of transit throughout the county.

If the RapidRide Expansion project is not approved, any future expansion of RapidRide will be delayed and the projected outcomes described in METRO CONNECTS will not be achieved.

Budget Request Basis

King County will lead the planning, design and implementation of these six new RapidRide lines, and will coordinate with all jurisdictions along the proposed route alignments. Key components affecting this budget request include:

Resources to the planning, design and construction of all civil, electrical and communication infrastructure are necessary for both passenger facilities and transit priority elements. Work will be completed through a combination of assigning staff and contracts for design and construction that will be procured and managed by King County. In addition, King County will procure, assemble, install, own and maintain all passenger amenities that have been established in Metro's existing RapidRide kit of parts, which includes bus stop signage, RapidRide shelters, technology pylons, blade markers, pedestrian scale lighting, other street furniture (litter receptacles, benches, RapidRide bike hoops), ORCA readers and real-time signs. King County will procure, install, own and maintain communication infrastructure to support transit priority elements, ORCA readers and real-time signs, other intelligent transportation system (ITS) elements, and communication to buses. King County will procure, install, own, and maintain transit priority equipment and systems through local forces or contract with others.

Transit vehicles required to operate this service are not included in this appropriation request. Net additional new vehicles are assumed to be accounted for in King County vehicle procurement contracts. This project is currently a placeholder. Full implementation will require additional funding.

Estimates of the quantity of RapidRide stops and number of route miles that will receive varying levels of investment in transit priority elements were prepared in the development of the METRO CONNECTS long range plan. Cost estimates are based on average historical RapidRide program costs (from RapidRide lines A – F).

Project Status

Predesign activities for this project are planned to begin in 2019. Other planning efforts will be undertaken through the development of 6 year implementation plans that will follow the adoption of METRO CONNECTS.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

TDC MC RR EXPANSION

1129747

Alternatives Analysis

As part of the planning process undertaken for METRO CONNECTS (King County's draft long range transportation plan) twenty-two candidate corridors were evaluated for potential future RapidRide lines. The factors included in the evaluation were:

- Productivity – existing employment density, existing population density, existing boardings/hour, 2040 estimated employment density, and 2040 estimated population density.
- Social Equity – population below poverty level and minority population
- Geographic Value – number of centers connected, major transfer points and hubs connected.

Based on the evaluation, corridors were identified for both near-term (through 2025) and long-term (through 2040) implementation. The six RapidRide lines included in this appropriation request are identified in METRO CONNECTS for near-term implementation, however the sequencing and exact pathways of the routes will be determined in subsequent implementation plans, and will incorporate Metro's transit service change processes.

Components of the RapidRide brand, passenger facilities, and transit priority elements were established during implementation of the existing RapidRide program (through 2014) and will be refined through the planning and implementation process for subsequent corridors.

Funding and Revenue Discussion

Funding for the capital elements of the RapidRide Expansion capital program is expected to come from the Public Transportation Fund, capital subfund, and will be supported by grant funding that King County will work to secure in subsequent years.

Other Agency Involvement

All local jurisdictions along the proposed alignment will be involved in the planning for this project. In addition local jurisdictions will provide construction and street use permits for implementation of all program elements that are King County.

Art Eligibility

This project may be eligible for King County art funding.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

TDC MC RR EXPANSION

1129747

Equity and Social Justice Impact

The expansion of RapidRide is included in METRO CONNECTS, King County's draft long range transportation plan, as part of the frequent service network. METRO CONNECTS is expected to bring more transit service to communities throughout King County and increase access to the transit network through an interconnected system of transportation choices. When METRO CONNECTS is fully implemented, 70 percent of people in King County will live within a half-mile of frequent transit service (over three-times greater than today's network), and 85 percent of low-income or minority communities will have this level of access to frequent service.

Communities of Color: Currently, 19 percent of minority residents in King County live within 1/2 mile of frequent service, and 79 percent of minority residents live within 1/4 mile of the transit network. When METRO CONNECTS is fully implemented, 75 percent of minority residents will live within 1/2 mile of frequent service and 90 percent of minority residents will live within 1/4 mile of the transit network.

Low Income Populations: Currently, 23 percent of low-income residents in King County live within 1/2 mile of frequent service, and 88 percent of low-income residents live within 1/4 mile of the transit network. When METRO CONNECTS is fully implemented, 54 percent of low-income residents will live within 1/2 mile of frequent service and 97 percent of low-income residents will live within 1/4 mile of the transit network.

The development of METRO CONNECTS included a Community Advisory Group that represented King County's diverse county. Community leaders from diverse backgrounds worked together to best represent the county-wide interests in transit. Other outreach for METRO CONNECTS included more than forty organizations that serve non-English speaking populations and transit-dependent populations, an Equity and Social Justice roundtable discussion, outreach to community colleges, meetings with a mobility coalition that represent transit-dependent people, immigrants/refugees, low-income, limited-English proficient, and persons with disabilities, and foreign-language translations of all Metro Connect materials.

The evaluation of future candidate RapidRide corridors within METRO CONNECTS considered social equity measures, including the percent of population below poverty level and the percent of minority populations served. The source of this information was census data from the 2013 American Community Survey.

Strategic Climate Action Plan Alignment

The RapidRide expansion supports the Strategic Climate Action Plan strategies by increasing the use of transit county-wide. Project components that will be provided by King County, including passenger facilities infrastructure, have been designed to use sustainable strategies.

King County strives to employ sustainable design and construction strategies, and will complete Green Building Reporting as required.

Operating Budget Impacts

The first two lines included in this appropriation are expected to be implemented by 2022, with impacts to the six year operating budget as follows:

- Increase in facilities maintenance costs associated with the RapidRide passenger facilities starting in 2019 and increasing as more lines are implemented. Consistent with existing RapidRide lines A-F, the net increase in annual operating costs for this program is estimated at less than \$50,000 for each line, covering shelter maintenance and electrical power usage costs. This takes into account the current maintenance costs on existing RapidRide lines, less maintenance costs associated with shelters on the corridors that this program replaced. Additional operating costs are assumed to begin in the year following line implementation because each line is assumed to be implemented in September of their year of implementation.

- Increase in fare enforcement costs as the first two lines are implemented.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TDC MC TRANSIT HUB IMPR

1129748

Art Eligible

Department	TRANSPORTATION
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3641 PUBLIC TRANS CONST-UNREST
Class Code	STANDALONE
Substantial Completion	
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$5,000,000	\$3,000,000	\$8,000,000
2 Preliminary Design	\$0	\$0	\$3,030,000	\$4,000,000	\$7,030,000
3 Final Design	\$0	\$0	\$5,000,000	\$20,000,000	\$25,000,000
4 Implementation	\$0	\$0	\$2,120,000	\$13,410,000	\$15,530,000
5 Closeout	\$0	\$0	\$0	\$1,000,000	\$1,000,000
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$0	\$15,150,000	\$41,410,000	\$56,560,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$150,000	\$410,000	\$560,000

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$0	\$15,150,000	\$41,410,000	\$56,560,000
Total Revenue	\$0	\$15,150,000	\$41,410,000	\$56,560,000

EXPENSE

TDC MC TRANSIT HUB IMPR

1129748

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$5,000,000	\$3,000,000	\$8,000,000
2 Prelim Design	\$0	\$0	\$0	\$3,030,000	\$4,000,000	\$7,030,000
3 Final Design	\$0	\$0	\$0	\$5,000,000	\$20,000,000	\$25,000,000
4 Implementation	\$0	\$0	\$0	\$2,120,000	\$13,410,000	\$15,530,000
5 Closeout	\$0	\$0	\$0	\$0	\$1,000,000	\$1,000,000
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$0	\$0	\$0	\$15,150,000	\$41,410,000	\$56,560,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0

NARRATIVES

TDC MC TRANSIT HUB IMPR

1129748

Current Scope

METRO CONNECTS Transit Hub Improvements - The 2040 service network identified in METRO CONNECTS anticipates a high level of transfer activity, with nearly 70 percent of all trips requiring a transfer. Metro with support for partners will invest in new transit hubs and stations, and retrofit existing passenger facilities. Amenities will depend on the location and number of transfers, and the travel modes servicing each location. METRO CONNECTS has identified 85 new or improved key transfer points. The types of improvements will include passenger amenities at bus stops, pedestrian access improvements between transit services, wayfinding signs to orient transit users, and printed or electronic information for customers including schedules, maps, and bus arrivals.

Project Justification

Transfers by riders connecting between bus routes, and between bus and rail, are expected to increase over time and have been accounted for in Metro CONNECTS. Today, 20% of King County citizens have access to frequent service (Rapid Ride and the like). Metro CONNECTS, based upon regional growth proposed the system be expanded three-fold: by 2040, 70% of people will have access to frequent service. Moreover, Metro's vision, as evidenced in Metro CONNECTS is having transfer location environments that are convenient, safe, and accessible. Metro bus riders repeatedly identify these characteristics as important in using Metro bus service. Ordinance 18133, adopted October 2015 by the King County Council, established the initial list of locations targeted for improvements. This project supports strategies 3.2.2 and 3.2.3 in the Strategic Plan and the Metro Business Drivers to provide great service and improve schedule reliability.

Budget Request Basis

The budget is based on a planning level estimates using past cost estimates from projects that designed and constructed similar improvements. No funds are requested at this time as the project is not expected to begin until 2019.

Project Status

Six year capital implementation plans to support METRO CONNECTS will be developed in 2017-18. This initial work in 2017-18 is not part of the scope of this project. These implementation plans will form the basis of this projects budget and cash flows beginning in 2019.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	TDC MC TRANSIT HUB IMPR	1129748
Alternatives Analysis		
The METRO CONNECTORS planning and public outreach process identified the initial list of proposed locations and the types of applicable improvements. These will be furthered refined through program planning and design.		
Funding and Revenue Discussion		
The program will be funded by the Public Transportation Fund, capital sub fund. Metro will also seek other funding sources, such as federal and state grants.		
Other Agency Involvement		
Design and construction of transit station, hub, and shelters will require coordination with other jurisdiction through all project phases as well as with project financing.		
Art Eligibility		
N/A		
Equity and Social Justice Impact		
N/A		
Strategic Climate Action Plan Alignment		
The design of improvements will subject to analysis as required by the Green Building Ordinance.		
Operating Budget Impacts		
Impacts to the operating budget will be identified as part of the six year implementation plan.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TDC MC S&R PROGRAM

1129749

Department	TRANSPORTATION
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3641 PUBLIC TRANS CONST-UNREST
Class Code	STANDALONE
Substantial Completion	
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$1,000,000	\$2,000,000	\$3,000,000
2 Preliminary Design	\$0	\$0	\$5,000,000	\$10,000,000	\$15,000,000
3 Final Design	\$0	\$0	\$2,000,000	\$4,500,000	\$6,500,000
4 Implementation	\$0	\$0	\$0	\$3,500,000	\$3,500,000
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$1,000,000	\$1,000,000
Total Budget	\$0	\$0	\$8,000,000	\$21,000,000	\$29,000,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$0	\$8,000,000	\$21,000,000	\$29,000,000
Total Revenue	\$0	\$8,000,000	\$21,000,000	\$29,000,000

EXPENSE

TDC MC S&R PROGRAM

1129749

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$1,000,000	\$2,000,000	\$3,000,000
2 Prelim Design	\$0	\$0	\$0	\$5,000,000	\$10,000,000	\$15,000,000
3 Final Design	\$0	\$0	\$0	\$2,000,000	\$4,500,000	\$6,500,000
4 Implementation	\$0	\$0	\$0	\$0	\$3,500,000	\$3,500,000
5 Closeout	\$0	\$0	\$0	\$0	\$1,000,000	\$1,000,000
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$0	\$0	\$0	\$8,000,000	\$21,000,000	\$29,000,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0

NARRATIVES

TDC MC S&R PROGRAM

1129749

Current Scope

METRO CONNECTS Speed & Reliability Program - This establishes a program to support the 2025 vision articulated in the Metro Connects plan. Three categories of projects that would enhance the speed and reliability of transit service across King County are included:

1. The project would fund transit priority treatments on up to 6 frequent or express corridors. The types of projects included within these corridors could include bus queue jump signals, bus/HOV lanes, traffic signal modifications, transit signal priority, bus bulbs, and other minor civil improvements.
 2. The project would partner with cities within King County to enhance their existing traffic signal systems along transit routes. Enhancements could include signal retiming, synchronization, hardware/software upgrades, and upgrades to communication infrastructure. These improvements may be implemented on local transit corridors in addition to frequent and express corridors.
 3. The project would support the planning, design and construction of up to 7 projects of regional importance and that improve the speed that transit services can access regional high capacity transit services. One example project is the Bellevue Connector, which would construct a new roadway near Bellevue College to allow more-direct transit routing through the campus. Project funds would be used to form partnerships with local agencies and leverage transit-supportive elements from those projects.
- This is a placeholder project. The scope and level of effort of the project is dependent on partner agencies support and availability of transit program funding.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

TDC MC S&R PROGRAM

1129749

Project Justification

Improvements that help buses go faster and arrive on time address one of the most common passenger complaints. They are some of the best investments Metro can make because they attract new riders and free up funds by saving long-term operating costs.

- This project is critical to the on-going success of transit service and is a central component of the Metro's Long Range vision and is central to the improved city/county partnerships that will be necessary to keep transit moving as more people and jobs come to King County and traffic levels increase. Not doing this project will subject county residents to slower, less reliable service and degrade rider satisfaction with Metro. Traffic congestion will increase on local and regional arterials.
- Metro's long range plan METRO CONNECTS proposes an increase in investments to speed and reliability and identifies these improvements as critical to the success of the future network. It is also in support of Strategic Plan strategies 3.4.1, 5.1.3, 6.2.2
- Improvements that help buses go faster and arrive on time address one of the most common passenger complaints. They are some of the best investments Metro can make because they attract new riders and free up funds by saving long-term operating costs.
- These projects would result in significant benefits to transit riders, in saved travel time and to Metro.
- Traffic signal improvements will also benefit users of other transportation modes, such as general traffic, pedestrians, and bicyclists.
- The project specifically and significantly addresses the following Strategic Initiatives:

Equity and Social Justice x Yes ? No

Strategic Climate Action Plan ? Yes x No

Budget Request Basis

This project supports the vision in METRO CONNECTS and integration with Sound Transit Light Rail expansion and other potential ST3 projects. Budget was developed from the METRO CONNECTS plan. This plan used past and comparable projects to develop high level planning cost estimates.

Project Status

This is a new project that provides placeholder funding for future projects.

This is a master project that supports the implementation of Metro Connects.

Alternatives Analysis

The alternative is to continue using the current manual process.

Funding and Revenue Discussion

Corridor speed and reliability improvements have been successful in attracting grants and partner funding as the cost to benefit ratio is positive. As projects are identified, grant and partner funding will be pursued.

Other Agency Involvement

Speed and reliability improvements are made in partnership with cities and other jurisdictions.

Art Eligibility

Projects will involve signal and other equipment not eligible for art.

Equity and Social Justice Impact

Maintaining and improving transit service throughout King County benefits communities of color and low income which are disproportionately transit-dependent.

Strategic Climate Action Plan Alignment

Not applicable to this project. Roadway and signal infrastructures are owned and maintained by local jurisdictions.

Operating Budget Impacts

This will be evaluated with each identified project. As the number of implementations increase, there may be a need to expand the resources associated with signal optimization and operations and maintenance.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TDC OB CAMERA MGMT SYSTEM

1129798

Department	TRANSPORTATION
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3641 PUBLIC TRANS CONST-UNREST
Class Code	STANDALONE
Substantial Completion	12/31/2018
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/01/17 - 05/31/17	\$0	\$49,749	\$0	\$0	\$49,749
2 Preliminary Design 06/01/17 - 11/30/17	\$0	\$147,812	\$0	\$0	\$147,812
3 Final Design 12/01/17 - 05/31/18	\$0	\$83,912	\$0	\$0	\$83,912
4 Implementation 06/01/18 - 11/30/18	\$0	\$342,025	\$0	\$0	\$342,025
5 Closeout 12/01/18 - 12/31/18	\$0	\$17,280	\$0	\$0	\$17,280
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$640,778	\$0	\$0	\$640,778

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$640,778	\$0	\$0	\$640,778
Total Revenue	\$640,778	\$0	\$0	\$640,778

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		TDC OB CAMERA MGMT SYSTEM					1129798
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense	
1 Planning	\$0	\$0	\$49,749	\$0	\$0	\$49,749	
2 Prelim Design	\$0	\$0	\$147,812	\$0	\$0	\$147,812	
3 Final Design	\$0	\$0	\$83,912	\$0	\$0	\$83,912	
4 Implementation	\$0	\$0	\$342,025	\$0	\$0	\$342,025	
5 Closeout	\$0	\$0	\$17,280	\$0	\$0	\$17,280	
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0	
Total Expense	\$0	\$0	\$640,778	\$0	\$0	\$640,778	

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$49,749	\$49,749	\$0
2 Preliminary Design	\$0	\$147,812	\$147,812	\$0
3 Final Design	\$0	\$83,912	\$83,912	\$0
4 Implementation	\$0	\$342,025	\$342,025	\$0
5 Closeout	\$0	\$17,280	\$17,280	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$640,778	\$640,778	\$0

NARRATIVES

TDC OB CAMERA MGMT SYSTEM		1129798
Current Scope		
<p>On Board Camera Management System - This project will implement a new On-Board Camera Management System that will integrate with the existing and any new (On-Board Camera Systems (OBCS). This new system will address short-comings with Metro's current system and processes. This new system will include:</p> <ul style="list-style-type: none"> - Wireless video retrieval to allow staff to remotely access and download stored video files to reduce the amount of travel time and manual processing required. - File management and storage to provide automated system reporting and tracking of downloaded video. - Health status monitoring to monitor all coaches in the fleet on a daily basis and provide automated OBCS health status reporting. This will identify problems with OBCS on a coach and notify Vehicle Maintenance (VM) immediately when a problem occurs. OBCS health monitoring will eliminate the need for manual preventative maintenance checks, provide VM Electronic Technicians information as to problem improving the efficiency of repairs and increase the percentage of OBCS that are operating correctly. 		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

TDC OB CAMERA MGMT SYSTEM

1129798

Project Justification

The Transit Industry and Metro's own experience shows that on-board camera systems (OBCS) enhance operator and riders' perception of safety and security, improves the outcome of investigations, and mitigates liability risks inherent in the operation of public transportation. Over 600 of Metro's coaches are equipped with OBCS and this number is expected to grow over the next few years. Metro does not have a central system to manage OBCS throughout the fleet and must rely on manual processes to maintain the camera program. To extract video from a coach, Transit's Operations Security Liaison (OSL) or his designee must physically travel to the coach usually located at 1 of 7 Transit bases throughout the County. The OSL must exchange the removable hard drive on the digital video recorder (DVR) with another hard drive. Once back at the office, the OSL must follow a cumbersome process to store and make available the video. Another series of manual steps are required, such as cabling the removable hard drive to a computer, to extract, evaluate, document and store the video for a specific period of time. These processes are highly dependent upon availability of skilled staff to perform them. As the number of OBCS increases, the number of required staff hours will increase and additional staff will be required. An additional problem with the current system is that there is no automated way to tell whether or not the OBCS on a particular coach is functioning. Problems with the OBCS are identified either during monthly inspections by Vehicle Maintenance or, in the worst case, when the OSL discovers the OBCS is not functioning during the video recovery process.

Budget Request Basis

This request will cover all phases of the project, from Planning through Closeout. Activities are expected to include a Request for Information to the industry, development of a Concept of Operations, development of system requirements, procurement of a COTS solution (including a Request for Proposal) and implementation and testing of the solution.

Project Status

New.

Alternatives Analysis

Funding and Revenue Discussion

This project will be funded by Public Transportation fund, capital sub fund.

Other Agency Involvement

Art Eligibility

This IT project is not eligible for art contribution.

Equity and Social Justice Impact

N/A

Strategic Climate Action Plan Alignment

N/A. This is an IT project.

Operating Budget Impacts

Maintenance costs are expected to be approximately \$25,000 per year.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TDC VEH TELEMAT FOR COACHES

1129799

Department	TRANSPORTATION
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3641 PUBLIC TRANS CONST-UNREST
Class Code	STANDALONE
Substantial Completion	12/31/2018
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 06/01/17 - 10/01/17	\$0	\$11,092	\$0	\$0	\$11,092
2 Preliminary Design	\$0	\$18,120	\$0	\$0	\$18,120
3 Final Design 08/01/17 - 09/30/17	\$0	\$0	\$0	\$0	\$0
4 Implementation 10/01/17 - 08/01/18	\$0	\$3,394,383	\$0	\$0	\$3,394,383
5 Closeout 08/02/18 - 09/30/18	\$0	\$5,222	\$0	\$0	\$5,222
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$3,428,817	\$0	\$0	\$3,428,817

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$3,428,817	\$0	\$0	\$3,428,817
Total Revenue	\$3,428,817	\$0	\$0	\$3,428,817

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		TDC VEH TELEMAT FOR COACHES				1129799
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$11,092	\$0	\$0	\$11,092
2 Prelim Design	\$0		\$18,120	\$0	\$0	\$18,120
3 Final Design	\$0		\$0	\$0	\$0	\$0
4 Implementation	\$0		\$3,394,383	\$0	\$0	\$3,394,383
5 Closeout	\$0		\$5,222	\$0	\$0	\$5,222
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$0		\$3,428,817	\$0	\$0	\$3,428,817

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$11,092	\$11,092	\$0
2 Preliminary Design	\$0	\$18,120	\$18,120	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$3,394,383	\$3,394,383	\$0
5 Closeout	\$0	\$5,222	\$5,222	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$3,428,817	\$3,428,817	\$0

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

TDC VEH TELEMAT FOR COACHES

1129799

Current Scope

Vehicle Telematics for Coaches - The purpose of this project is to implement a vehicle telematics system on the existing fleet of revenue vehicles (buses) to accurately capture vehicle mileage and other information about the behavioral and mechanical variables affecting fuel efficiency. This information includes:

- Performance of critical drive train and engine components
- Engine fault codes
- Braking and speed history

Metro has an existing technical solution in mind, based on research conducted over the past two years, including a pilot test and alternatives analysis, and compatibility with other equipment and systems currently used by Vehicle Maintenance (VM). This solution will employ Vehicle Information Boxes (VIBs) provided by AssetWorks, the vendor providing the existing fleet management software (FleetFocus or M5) and automated fuel management system (FuelFocus). The VIB is a piece of equipment in the FuelFocus product line that collects diagnostic information from various systems on the vehicle. It will automatically transmits this data to M5 via onboard RF (radio frequency) communications when the bus pulls up near the fueling and service islands.

AssetWorks is the preferred solution provider because it will allow Metro to automatically capture and integrate accurate mileage and vehicle diagnostics into the existing fleet management system, further leveraging that investment.

Project Justification

Metro Transit Vehicle Maintenance (VM) requires accurate vehicle mileage data in order to effectively and efficiently perform maintenance on its revenue fleet of about 1.5K coaches. Preventative maintenance is scheduled, fuel consumption is derived, and warranty work is dependent upon, accurate vehicle mileage data. VM currently lacks a precise method of tracking vehicle mileage, and must rely upon planned (or scheduled) miles to estimate vehicle mileage for a coach. Scheduled miles are determined by the route and scheduled trips to which a coach is assigned. This information is then loaded into M5, the system of record for fleet management.

When there are known schedule deviations, such as re-routes or special events, staff must estimate the mileage difference based on historical knowledge and enter it manually.

These manual estimation methods results in mileage inaccuracies that may be causing VM to either service its fleet too frequently or miss scheduled maintenance required to meet warranty agreements. Therefore, VM is seeking an alternative method of data collection to increase accuracy and improve timeliness of the vehicle mileage update workflow.

In addition to needing more accurate mileage data, VM also needs a method to efficiently retrieve diagnostic error codes and other operational data from major vehicle systems, such as the engine, transmission, brakes, and other related systems. Currently these codes must be manually retrieved from each individual coach by plugging a laptop into the onboard diagnostics unit. The vehicle telematics system would allow for automated fleet-wide collection and analysis of these fault codes.

Budget Request Basis

The budget amount was equipment costs provided by the vendor and installation estimates provided by Vehicle Maintenance. The request is for all phases of the project through project closeout.

Project Status

New.

Alternatives Analysis

Alternative analysis considered a number of other solutions, none of which were viable. These included manual odometer reading and tracking in the field (error prone), mileage collection using the on-board system (concerns regarding data accuracy) and another product called New Flyer Connect (available only for part of the fleet).

Funding and Revenue Discussion

This project will be funded by the Public Transportation Fund, capital sub fund.

Other Agency Involvement

No other agencies will be involved in this project.

Art Eligibility

This is an IT project and is not eligible for art contribution.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	TDC VEH TELEMAT FOR COACHES	1129799
Equity and Social Justice Impact		
N/A		
Strategic Climate Action Plan Alignment		
N/A		
Operating Budget Impacts		
The impact on operating budget is estimated at \$5K to \$25K per year starting 2019.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TDC SAFETY & SECURITY SYS

1129800

Department	TRANSPORTATION
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3641 PUBLIC TRANS CONST-UNREST
Class Code	STANDALONE
Substantial Completion	12/31/2019
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/02/17 - 03/31/17	\$0	\$76,847	\$0	\$0	\$76,847
2 Preliminary Design 04/03/17 - 08/31/17	\$0	\$85,405	\$0	\$0	\$85,405
3 Final Design 09/01/17 - 08/31/18	\$0	\$289,116	\$0	\$0	\$289,116
4 Implementation 09/01/18 - 10/31/19	\$0	\$1,663,000	\$267,100	\$0	\$1,930,100
5 Closeout 11/01/19 - 12/31/19	\$0	\$0	\$25,000	\$0	\$25,000
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$2,114,368	\$292,100	\$0	\$2,406,468

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$2,114,368	\$292,100	\$0	\$2,406,468
Total Revenue	\$2,114,368	\$292,100	\$0	\$2,406,468

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		TDC SAFETY & SECURITY SYS					1129800
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense	
1 Planning	\$0	\$0	\$76,847	\$0	\$0	\$76,847	
2 Prelim Design	\$0	\$0	\$85,405	\$0	\$0	\$85,405	
3 Final Design	\$0	\$0	\$289,116	\$0	\$0	\$289,116	
4 Implementation	\$0	\$0	\$1,663,000	\$267,100	\$0	\$1,930,100	
5 Closeout	\$0	\$0	\$0	\$25,000	\$0	\$25,000	
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0	
Total Expense	\$0	\$0	\$2,114,368	\$292,100	\$0	\$2,406,468	

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$76,847	\$76,847	\$0
2 Preliminary Design	\$0	\$85,405	\$85,405	\$0
3 Final Design	\$0	\$289,116	\$289,116	\$0
4 Implementation	\$0	\$1,663,000	\$1,663,000	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$2,114,368	\$2,114,368	\$0

NARRATIVES TDC SAFETY & SECURITY SYS 1129800

Current Scope

Safety & Security Systems - The purpose of this project is to implement a comprehensive safety data system in the 2017-2018 timeframe. It is anticipated that the vendor community will be developing products to support the Safety Management Systems required by FTA and that by 2018 Metro can be in a position to move forward with a proven product. The safety data system would be planned and developed in parallel with a redesign of key business processes recommended by the Safety System Review.

The project would initiate with a needs assessment and concept of operations, followed by a vendor Request for Information (RFI) to further understand the capabilities and direction of the industry before developing detailed requirements. Key areas for analysis would include data intake, data sources, data analytics capabilities, metrics and reporting.

It is expected that two key needs can be addressed prior to the implementation of the primary system: a safety training tracking system and a security hazard risk log. The training tracking system may be pursued as an additional module in PeopleSoft, and would provide a simple means of tracking safety training received by employees. The security hazard risk log would require minimum development once the applicable data sources were identified and would provide a snapshot of the greatest risk priorities in terms of severity and probability.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	TDC SAFETY & SECURITY SYS	1129800
Project Justification		
Current safety data management systems in use are older point solutions which require data to be extracted and loaded into another platform, such as Excel, for reporting. This is a time-consuming process that makes answering additional questions about the data difficult or impossible, and that precludes proactive safety management.		
Budget Request Basis		
The current request is based on planning level estimates and Transit's experience in implementing similar IT projects.		
Project Status		
New.		
Alternatives Analysis		
The alternative is to continue using the current manual processes.		
Funding and Revenue Discussion		
This project will be funded by the Public Transportation Fund, capital sub fund.		
Other Agency Involvement		
No other agencies will be involved in this project.		
Art Eligibility		
This is an IT project and is not eligible for art contribution.		
Equity and Social Justice Impact		
N/A		
Strategic Climate Action Plan Alignment		
N/A		
Operating Budget Impacts		
No significant impact on operating budgets is expected.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TDC TR BUSINESS INTEL DATA

1129801

Department	TRANSPORTATION
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3641 PUBLIC TRANS CONST-UNREST
Class Code	STANDALONE
Substantial Completion	12/31/2019
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/02/17 - 12/31/17	\$0	\$489,177	\$0	\$0	\$489,177
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design 01/02/17 - 12/31/18	\$0	\$1,189,587	\$0	\$0	\$1,189,587
4 Implementation 01/02/19 - 11/30/19	\$0	\$0	\$4,311,217	\$0	\$4,311,217
5 Closeout 12/01/19 - 12/31/19	\$0	\$0	\$10,995	\$0	\$10,995
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$1,678,764	\$4,322,212	\$0	\$6,000,976

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$1,678,764	\$4,322,212	\$0	\$6,000,976
Total Revenue	\$1,678,764	\$4,322,212	\$0	\$6,000,976

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		TDC TR BUSINESS INTEL DATA					1129801
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense	
1 Planning	\$0	\$0	\$489,177	\$0	\$0	\$489,177	
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0	
3 Final Design	\$0	\$0	\$1,189,587	\$0	\$0	\$1,189,587	
4 Implementation	\$0	\$0	\$0	\$4,311,217	\$0	\$4,311,217	
5 Closeout	\$0	\$0	\$0	\$10,995	\$0	\$10,995	
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0	
Total Expense	\$0	\$0	\$1,678,764	\$4,322,212	\$0	\$6,000,976	

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$489,177	\$489,177	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$1,189,587	\$1,189,587	\$0
4 Implementation	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$1,678,764	\$1,678,764	\$0

NARRATIVES TDC TR BUSINESS INTEL DATA 1129801

Current Scope

Transit Business Intelligence Resource Data (TBIRD) - This project will implement a new, enterprise-class reporting platform that replaces several limited-function, siloed, legacy reporting tools. The new platform will significantly advance Transit's analytical capabilities to include data mining, data discovery, business intelligence and data visualization tools, especially geo-spatial analysis and presentation. The core focus of TBIRD is the transit service network and the systems and performance metrics related to that service, including on-time performance, ridership, fare collection, incidents, accidents and other historical performance data. Staff across Transit will use TBIRD, including Customer Communications and Services, Operations, Service Development, Strategy and Performance, Safety, Security, Power and Facilities, Systems Development and Operations, and Vehicle Maintenance. The project will implement a technology platform which is intended to grow in the future with the addition of new data sources after the project itself is complete. This strategy, and the project, is aligned with KCIT's other business intelligence initiatives and the goals of the emerging Business Intelligence Center of Excellence. KCIT will be fully engaged in project planning, design, implementation and operational support of TBIRD.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

TDC TR BUSINESS INTEL DATA

1129801

Project Justification

As a complex, data-driven organization, Transit is highly dependent on multiple systems that collect or produce data about service delivery, including on-time performance, passenger counting, fare collection, customer complaints, incidents, accidents and other events. These data are analyzed in various ways throughout the organization: to report federally required performance metrics; to evaluate productivity and plan service enhancements; to determine capital investments such as fleet purchases and facility upgrades; to research complaints and respond to customers; to review operational trends and develop management priorities; and to provide decision makers with data and recommendations for informed policy decisions.

Several applications that support these reporting needs are running on unsupported technology and need to be replaced. These applications have been implemented over many years, by different projects or initiatives, using older technology that is cumbersome to use, or no longer supported. The data are stored in different databases and cannot be analyzed in an integrated manner. Some systems collect data that are not readily accessible outside the operational system, or are available only by manual analysis, resulting in lost opportunities to derive potential insights or value. The lack of integration and outdated tools frequently limits Transit staff analysis, and has stymied or constrained some potentially significant continuous improvement efforts.

Budget Request Basis

The request is base on planning level estimates and on Transit's experience in implementing similar projects.

Project Status

New.

Alternatives Analysis

Alternatives will be explored as part of the planning/ pre design process.

Funding and Revenue Discussion

This project will be funded by the Public Transportation Fund, capital sub fund.

Other Agency Involvement

The project will not directly involve other agencies. That said, other agencies such as Sound Transit, SDOT and other jurisdictions are indirect stakeholders in the sense that they often request and use data about transit service and the performance of the network. A key project goal is to improve Transit's analytic capabilities and data accessibility to meet the requests of these partners.

Art Eligibility

This is an IT project and is not eligible for art contribution.

Equity and Social Justice Impact

N/A

Strategic Climate Action Plan Alignment

N/A

Operating Budget Impacts

Unknown at this time. Some software licensing and hardware support costs for legacy applications will be eliminated, but these savings will be offset by support costs for the new platform, which have not been determined

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TDC RAIDO MICROWAVE REPL

1129881

Baseline Required, Art Eligible

Department	TRANSPORTATION
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3641 PUBLIC TRANS CONST-UNREST
Class Code	STANDALONE
Substantial Completion	12/31/2018
Location	Multiple locations across King County.
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$248,835	\$0	\$0	\$248,835
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$2,570,478	\$0	\$0	\$2,570,478
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$2,819,313	\$0	\$0	\$2,819,313

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$25,934	\$0	\$0	\$25,934

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$2,819,313	\$0	\$0	\$2,819,313
Total Revenue	\$2,819,313	\$0	\$0	\$2,819,313

EXPENSE TDC RAIDO MICROWAVE REPL 1129881

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$248,835	\$0	\$0	\$248,835
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$2,570,478	\$0	\$0	\$2,570,478
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$0	\$0	\$2,819,313	\$0	\$0	\$2,819,313

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$248,835	\$248,835	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$2,570,478	\$2,570,478	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$2,819,313	\$2,819,313	\$0

NARRATIVES

TDC RAIDO MICROWAVE REPL

1129881

Current Scope

Radio Microwave Replacement - This project with replace key components in the 7 Microwave towers that are part of King County Metro's mobile radio infrastructure.

Project Justification

The microwave system has been in service for 10+ years and its current technology is no longer supported by the vendor. Several of the components (hardware cards) that require replacement have failed at a number of the 7 tower sites. Spare parts are no longer available from the vendor and are becoming increasingly scarce. Tower sites are interdependent and operate as a single system to transmit and receive mobile radio signals for bus, transit support vehicles and personnel.

Replacement of hardware cards with current technologies will allow the microwave system to continue to operate without interruption and the newer technology will be supported by vendors for the projected life cycle of the system.

This project contributes to the Strategic Initiative "Best Run Government" as it allows KC Metro to fulfill its service commitment effectively through real-time communication with its operating staff 24/7.

The risk of not implementing this project may result in the failure of the microwave system which will curtail KC Metro's ability to communicate with its operating staff. Limited or inability to communicate increase risk to employee and public safety as well as curtail the opportunity for the efficient delivery of transit services.

Budget Request Basis

The basis for this budget request is based on the pricing summary provided by the system vendor dated June 2016 and the projected internal staff labor to implement the project.

Project Status

New.

Alternatives Analysis

This project is to replace key components of an existing system. There no other alternatives.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	TDC RAIDO MICROWAVE REPL	1129881
Funding and Revenue Discussion		
This project is funded by the Public Transportation Fund’s capital sub-fund.		
Other Agency Involvement		
No other agencies will be involved in this project.		
Art Eligibility		
N/A		
Equity and Social Justice Impact		
N/A		
Strategic Climate Action Plan Alignment		
N/A		
Operating Budget Impacts		
No impact on operating budget is anticipated.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TDC VANPOOL VEHICLE PURCHASE

1130169

Department	TRANSPORTATION
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3642 PUBLIC TRANS REVENUE FLEET CAPITAL
Class Code	STANDALONE
Substantial Completion	
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$14,710,525	\$21,079,000	\$21,108,000	\$56,897,525
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$14,710,525	\$21,079,000	\$21,108,000	\$56,897,525

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$8,861,202	\$14,044,484	\$14,235,395	\$37,141,081
33436 - WA ST DEPT TRANSPORTATION	\$4,068,294	\$4,068,294	\$4,068,294	\$12,204,882
39513 - SALE OF EQUIPMENT	\$1,781,029	\$2,966,222	\$2,804,311	\$7,551,562
Total Revenue	\$14,710,525	\$21,079,000	\$21,108,000	\$56,897,525

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		TDC VANPOOL VEHICLE PURCHASE				1130169
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0		\$14,710,525	\$21,079,000	\$21,108,000	\$56,897,525
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$0	\$0	\$14,710,525	\$21,079,000	\$21,108,000	\$56,897,525

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$14,710,525	\$14,710,525	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$14,710,525	\$14,710,525	\$0

NARRATIVES	TDC VANPOOL VEHICLE PURCHASE	1130169
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Current Scope

Vanpool Vehicle Purchase - The project funds the purchase of new vans needed to support the County's Vanpool Program. New vans are purchased to replace vans at the end of their useful vanpool life and to expand service.

Project Justification

This is an on-going project where the number and type of vehicles changes yearly based on projected service assumptions, customer usage and preference, and vehicle manufacturer capacity and availability. Each budget year, a multi-year fleet plan is created that identifies the quantity, seating capacity and unit cost of vans.

Budget Request Basis

During the biennium, 383 vans reach the end of their useful life and will be replaced. In addition, the number of operating vanpool groups is expected to increase by 140 groups and based on this level of service, this project provides for the purchase of 70 expansion vans in each year of the biennium.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	TDC VANPOOL VEHICLE PURCHASE	1130169
Project Status		
The project is in the implementation phase. 243 replacement and 60 expansion vans were purchased in 2015. In 2016, 27 replacement vans and 70 expansion vans have been ordered.		
Alternatives Analysis		
N/A		
Funding and Revenue Discussion		
Fares from vanpool riders cover the cost of replacement vans. King County Code requires that vanpool rider fares recover 100 percent of capital costs, 100 percent of operating expenses and at least 25 percent of administrative costs. It is expected that the State of Washington will reimburse the division \$3.5 million in 2016. Future amounts estimated at just over \$2 million each year through 2026 from its Vanpool Investment Program. This estimate is based on the average reimbursement from WDSOT since 2006. Revenue from the sale of vans is estimated at \$149,000 in 2017 and \$1.6 million 2018.		
Other Agency Involvement		
No other agencies are involved in this project.		
Art Eligibility		
Vehicle purchases are not eligible for art contribution.		
Equity and Social Justice Impact		
N/A		
Strategic Climate Action Plan Alignment		
N/A		
Operating Budget Impacts		
None.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TDC 40' HYBRID BUDGET

1130286

Master Project

Department	TRANSPORTATION
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3642 PUBLIC TRANS REVENUE FLEET CAPITAL
Class Code	TDC 40' HYBRID BUDGET
Substantial Completion	
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$209,974,239	\$0	\$0	\$209,974,239
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$209,974,239	\$0	\$0	\$209,974,239

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$201,360,243	(\$11,613,996)	\$0	\$189,746,247
33118 - FED TRANSIT CAP INVEST	\$8,613,996	\$11,613,996	\$0	\$20,227,992
Total Revenue	\$209,974,239	\$0	\$0	\$209,974,239

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		TDC 40' HYBRID BUDGET				1130286
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$181,786,453	\$23,326,352	\$4,861,434	\$209,974,239
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$0	\$0	\$181,786,453	\$23,326,352	\$4,861,434	\$209,974,239

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$209,974,239	\$181,786,453	\$28,187,786
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$209,974,239	\$181,786,453	\$28,187,786

NARRATIVES TDC 40' HYBRID BUDGET 1130286

Current Scope

40-Ft Hybrid Bus Replacement Program - This project funds the continuation of the replacement of King County Metro's existing fleet of 40-ft diesel and hybrid buses. These new hybrid buses will feature all electric accessories. The first of the 181 new 40-ft Hybrid buses will be placed into service starting in mid-2018. The new fleet of 40-ft Hybrid buses will be low-floor buses with an FTA service life of 12 years. The buses will be purchased from the Washington State Department of Transportation (WSDOT) Consortium contract.

Project Justification

This project provides for the replacement and expansion of revenue service buses. This supports the Transit goal of Financial Stewardship, and maintaining assets in a state of good repair. Bus replacement is based on the Fleet Plan, which is based on the service plan and the expected useful life of the asset. A low floor bus will also meet the Human Potential goals, by being easier for passengers in mobility aid devices (low floor buses use a ramp compared to the lift in the forward door on the present buses) to enter and exit the buses. The replacement of diesel and hybrid buses with hybrid buses featuring all-electric accessories reduces fuel consumption and buses advances King County's commitment to low- and no-emission transit and contributes toward the Environmental Sustainability goal.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

TDC 40' HYBRID BUDGET

1130286

Budget Request Basis

This budget request seeks to continue the funding of the 40ft Hybrid bus fleet replacement program. The amount of the request is based upon 40ft Hybrid bus derived from a competitive request for proposals for transit buses issued by the State of Washington Department of Enterprise Services on behalf of WSDOT. The amount of the request also includes funding for the requisite capital acquisition costs associated with the purchase and placement into service of rolling stock assets. These capital acquisition costs include transit fleet procurement team costs, in-plant and post-delivery inspection of buses, after-market equipment acquisition and installation, service preparation and commissioning, training, technical publications and manuals, diagnostic equipment, special tools and project contingency.

Project Status

Manufacturing and assembly of the new 40ft hybrid buses is expected to start in January of 2017. All 181 buses are expected to be delivered and placed into service before the end of 2018. Bus payments, factory inspection costs, post-delivery inspection costs, service preparation and commissioning costs will be incurred and paid during 2017 and 2018.

Alternatives Analysis

N/A

Funding and Revenue Discussion

Federal grant funds support this project. Remaining funds come from the Public Transportation Fund, capital sub fund.

Other Agency Involvement

The State of Washington through its Department of Enterprise Services acting on behalf of the Washington State Department of Transportation has put in place a contract for a consortium of Washington State transit agencies to purchase heavy duty transit buses. King County has been an active member of and participant in the Washington State Purchasing Cooperative for several years. King County Metro was a major contributor to the development of technical specifications for the WSDOT Consortium contract over the past few years. King County Metro will purchase the 40ft hybrid buses through the WSDOT Consortium contract.

Art Eligibility

Fleet purchases are not eligible for art contribution.

Equity and Social Justice Impact

The new 40ft Hybrid buses will operate on various routes throughout the County and will serve communities of color and communities with limited English proficiency and low income communities. These routes serve a broad spectrum of demographics including a mix of socio-economic, race and low income groups.

Strategic Climate Action Plan Alignment

Fleet procurement projects involve the acquisition of rolling stock only, and do not involve the acquisition or capital investment in buildings and/or facilities.

Operating Budget Impacts

Operating costs should remain flat or decrease with the replacement of vehicles.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TDC 60' HYBRID BUDGET

1130287

Master Project, Baseline Required

Department	TRANSPORTATION
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3642 PUBLIC TRANS REVENUE FLEET CAPITAL
Class Code	TDC 60' HYBRID BUDGET
Substantial Completion	
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$297,499,452	\$49,507,043	\$101,067,200	\$448,073,695
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$297,499,452	\$49,507,043	\$101,067,200	\$448,073,695

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$237,115,467	(\$10,152,022)	\$20,213,440	\$247,176,885
33118 - FED TRANSIT CAP INVEST	\$60,383,985	\$59,659,065	\$80,853,760	\$200,896,810
Total Revenue	\$297,499,452	\$49,507,043	\$101,067,200	\$448,073,695

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		TDC 60' HYBRID BUDGET				1130287
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0		\$263,157,888	\$83,848,606	\$101,067,200	\$448,073,694
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$0	\$0	\$263,157,888	\$83,848,606	\$101,067,200	\$448,073,694

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$297,499,452	\$263,157,888	\$34,341,564
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$297,499,452	\$263,157,888	\$34,341,564

NARRATIVES	TDC 60' HYBRID BUDGET	1130287
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Current Scope

60-Ft Hybrid Bus Replacement Program - This project funds the continuation of the replacement and a modest expansion of King County Metro's existing fleet of 60-ft diesel and hybrid buses. These new hybrid buses will feature all electric accessories. The first of these 251 new 60-ft Hybrid buses will be placed into service starting in the Fall of 2018. The new fleet of 60-ft hybrid buses will be low-floor buses with an FTA service life of 12 years. The buses will be purchased from the Washington State Department of Transportation (WSDOT) Consortium contract.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

TDC 60' HYBRID BUDGET

1130287

Project Justification

This project provides for the replacement and a modest expansion of revenue service buses. This supports the Transit goal of Financial Stewardship, and maintaining assets in a state of good repair. Bus replacement is based on the Fleet Plan, which is based on the service plan and the expected useful life of the asset. A low floor bus will also meet the Human Potential goals, by being easier for passengers in mobility aid devices (low floor buses use a ramp compared to the lift in the forward door on the present buses) to enter and exit the buses. The replacement of diesel and hybrid buses with hybrid buses featuring all-electric accessories reduces fuel consumption and advances King County's commitment to low- and no-emission transit and contributes toward the Environmental Sustainability goal.

Budget Request Basis

This budget request seeks to continue the funding of the 60ft Hybrid bus replacement/expansion project. The amount of the request is based upon 60ft Hybrid bus prices derived from a competitive request for proposals for transit buses issued by the State of Washington Department of Enterprise Services on behalf of WSDOT. The amount of the request also includes funding for the requisite capital acquisition costs associated with the purchase and placement into service of rolling stock assets. These capital acquisition costs include transit fleet procurement team costs, in-plant and post-delivery inspection of buses, after-market equipment acquisition and installation, service preparation and commissioning, training, technical publications and manuals, diagnostic equipment, special tools and project contingency.

Project Status

Manufacturing and assembly of the new 60ft hybrid buses is expected to start in February of 2017. Approximately 150 buses are expected to be delivered by the end of August 2018. Buses will enter service as they complete the service preparation and commissioning process. Bus payments, factory inspection costs, post-delivery inspection costs, service preparation and commissioning costs will be incurred and paid during 2017 and 2018.

The budget request continues to fund the replacement/expansion of the 60ft hybrid fleet. The project objective has not changed, the level of the funding request has increased to reflect the need for a greater number of 60ft hybrid buses.

Alternatives Analysis

N/A

Funding and Revenue Discussion

Federal grant funds support this project. Remaining funds come from the Public Transportation Fund, capital sub fund.

Other Agency Involvement

Art Eligibility

Equity and Social Justice Impact

Strategic Climate Action Plan Alignment

Operating Budget Impacts

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TDC 60' TROLLEY BUDGET

1130288

MPA Reporting, Master Project

Department	TRANSPORTATION
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3642 PUBLIC TRANS REVENUE FLEET CAPITAL
Class Code	TDC 60' TROLLEY BUDGET
Substantial Completion	
Location	Countywide
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$21,481,596	\$0	\$0	\$21,481,596
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$21,481,596	\$0	\$0	\$21,481,596

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$780,639	\$0	\$0	\$780,639
33118 - FED TRANSIT CAP INVEST	\$20,700,957	\$0	\$0	\$20,700,957
Total Revenue	\$21,481,596	\$0	\$0	\$21,481,596

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		TDC 60' TROLLEY BUDGET				1130288
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0		\$0	\$21,481,596	\$0	\$21,481,596
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$0	\$0	\$0	\$21,481,596	\$0	\$21,481,596

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$21,481,596	\$0	\$21,481,596
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$21,481,596	\$0	\$21,481,596

NARRATIVES	TDC 60' TROLLEY BUDGET	1130288
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Current Scope

60-Ft Trolley Replacement Program - This project funds the full replacement and a modest expansion of King County Metro's fleet of 59 60-ft electric trolley buses with 64 60-ft electric trolley buses. This budget request seeks new funding for 13 additional trolleybuses to serve the City of Seattle's planned Bus Rapid Transit (BRT) route for Madison Street scheduled to begin service in 2019. The addition of the Madison BRT trolleys brings the 60-ft. trolley fleet to 77 buses. All of the new fleet of 60-ft electric trolley buses will be low-floor buses with an FTA service life of 15 years and will feature a battery pack that provides the capability to travel off-wire for a limited range.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status: Approved

NARRATIVES

TDC 60' TROLLEY BUDGET

1130288

Project Justification

This project provides for the replacement and expansion of revenue service buses. This supports the Transit goal of Financial Stewardship, and maintaining assets in a state of good repair. Bus replacement is based on the Fleet Plan, which is based on the service plan and the expected useful life of the asset. A low floor bus will also meet the Human Potential goals, by being easier for passengers in mobility aid devices (low floor buses use a ramp compared to the lift in the forward door on the present buses) to enter and exit the buses. The replacement of the existing high-floor electric trolley buses with low-floor electric trolley buses featuring batteries for off-wire travel, advances King County's commitment to zero-emission transit and contributes toward the Environmental Sustainability goal.

Budget Request Basis

This budget request seeks to continue the funding of the 60ft trolley bus replacement/expansion project. The amount of the request is based upon 60ft trolley bus prices derived from a competitive request for proposals for 40ft and 60ft electric trolley buses that culminated in King County Metro Contract ETB 12-1 in July 2013. The amount of this request also includes the requisite capital acquisition costs associated with the purchase and placement into service of rolling stock assets. These capital acquisition costs include transit fleet procurement team costs, in-plant and post-delivery inspection of buses, after-market equipment acquisition and installation, service preparation and commissioning, training, technical publications and manuals, diagnostic equipment, special tools and project contingency. This request will provide the continued support of project implementation. This budget request seeks new funding for 13 additional trolleybuses to serve the City of Seattle's planned BRT route for Madison Street scheduled to begin service in 2019. The City and King County Metro are in the process of developing an inter-governmental agreement and securing federal funding for the project.

Project Status

As of April 25, 2016 a total of 30 of the 64 60-ft electric trolley buses have been delivered. Deliveries began in late 2015 and will continue through the end of 2016. Bus payments, post-delivery inspection costs, service preparation and commissioning costs, costs for training, technical publications and manuals, diagnostic equipment, special tools and project contingency will be incurred and paid during 2017. Project costs for the City of Seattle Madison BRT project will continue into 2018 and will include bus payments, post-delivery inspection costs, service preparation and commissioning costs, costs for training, technical publications and manuals, diagnostic equipment, special tools and project contingency.

Alternatives Analysis

King County Metro commissioned a study of alternatives to re-investment in trolleybuses that was completed in 2011. The Trolley Bus study concluded that electric trolley buses are the preferred technology due to environmental impact, life cycle cost and dedicated federal funding available for the existing fixed guide way routes. New trolleys have off-wire capabilities that enhance flexibility in operations allowing the trolley buses to move around obstructions or construction sites, and hence, reduce overall operating costs.

Not implementing the project would affect the safety of the old fleet of trolley buses due to excessive mileage and wear, and result in additional downtime due to the frequency and nature of maintenance required for these older, high mileage buses. The existing 60-ft electric trolley fleet is comprised of 1990-91 Breda buses that were converted from dual power (diesel and electric) to electric-only trolley buses from December 2004 through December 2007. Due to the age of these vehicles, spare parts are difficult to find in the marketplace.

Funding and Revenue Discussion

Federal grant funds support this project. Remaining funds come from the Public Transportation Fund, capital sub fund.

Other Agency Involvement

The San Francisco Municipal Transportation Agency (SFMTA) joined Metro Transit's electric trolley bus procurement project. Metro expanded bus option quantities to accommodate SFMTA's trolley bus fleet replacement needs. This partnership with SFMTA was made possible with the cooperation and support of the Federal Transit Administration (FTA) regional offices in Seattle and San Francisco along with FTA headquarters in Washington, DC. Metro and SFMTA executed their own separate contracts with New Flyer and neither agency is obligated by or dependent upon the other's contract. SFMTA contact is John Haley, Director of Transit.

Art Eligibility

Bus purchases are not eligible for art contribution.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

TDC 60' TROLLEY BUDGET

1130288

Equity and Social Justice Impact

The new 60ft trolley buses were designed and built with three doors and a passenger seating layout to enhance ingress and egress to enable Metro to carry more riders for each hour of service, and will help support the region's job growth and economic recovery. The trolley bus system operates in many neighborhoods throughout the City of Seattle, and serves many different demographics including socio-economic, race and income.

Strategic Climate Action Plan Alignment

Trolley buses are zero emission vehicles that support King County's goal of greenhouse gas reduction.

Operating Budget Impacts

Fleet replacements are not expected to have impact on the operating budgets.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TDC BATTERY BUS BUDGET

1130289

Master Project

Department	TRANSPORTATION
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3642 PUBLIC TRANS REVENUE FLEET CAPITAL
Class Code	TDC BATTERY BUS BUDGET
Substantial Completion	
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$9,182,978	\$0	\$0	\$9,182,978
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$9,182,978	\$0	\$0	\$9,182,978

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$5,846,938	\$0	\$0	\$5,846,938
33119 - FED TRANSIT FORMULA	\$3,336,040	\$0	\$0	\$3,336,040
Total Revenue	\$9,182,978	\$0	\$0	\$9,182,978

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		TDC BATTERY BUS BUDGET					1130289
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense	
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0	
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0	
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0	
4 Implementation	\$0		\$9,182,978	\$0	\$0	\$9,182,978	
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0	
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0	
Total Expense	\$0	\$0	\$9,182,978	\$0	\$0	\$9,182,978	

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$9,182,978	\$9,182,978	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$9,182,978	\$9,182,978	\$0

NARRATIVES TDC BATTERY BUS BUDGET 1130289

Current Scope

Battery Bus Budget Program - This project funds the expansion of King County Metro's existing fleet of three 40-ft battery electric buses adding 8 more 40-ft battery electric buses. These new buses, like their predecessors, will use fast-charge technology providing the capacity to operate the buses for up to approximately 23 miles between charges and allow the bus to remain in service up to 24 hours a day. Batteries can charge in 10 minutes or less. The combination of these eight buses and the original three buses purchased in 2014 will allow King County Metro to fully electrify two bus routes with battery electric buses. The eight new buses should enter service in late 2017 or early 2018. The new fleet of 40-ft battery electric trolley buses will be low-floor buses with an FTA service life of 15 years. The buses will be purchased from an existing King County Metro contract No. EB 11-2 with Proterra, Inc.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

TDC BATTERY BUS BUDGET

1130289

Project Justification

This project provides for the expansion of revenue service buses. This supports the Transit goal of Financial Stewardship, and maintaining assets in a state of good repair. Bus replacement is based on the Fleet Plan, which is based on the service plan and the expected useful life of the asset. A low floor bus will also meet the Human Potential goals, by being easier for passengers in mobility aid devices (low floor buses use a ramp compared to the lift in the forward door on the present buses) to enter and exit the buses. The addition of battery electric trolley buses advances King County's commitment to zero-emission transit and contributes toward the Environmental Sustainability goal. Not implementing the project would affect delay the expansion of the battery electric bus fleet and delay the advancement of zero-emission transit vehicles.

Budget Request Basis

This budget request seeks to continue the funding of the 40ft battery electric bus program expansion project. The amount of the request is based upon 40ft battery electric bus derived from a competitive request for proposals for 40ft battery electric buses that culminated in King County Metro Contract EB 11-2 August 1, 2014. The amount of the request also includes funding for the requisite capital acquisition costs associated with the purchase and placement into service of rolling stock assets. These capital acquisition costs include transit fleet procurement team costs, in-plant and post-delivery inspection of buses, after-market equipment acquisition and installation, service preparation and commissioning, training, technical publications and manuals, diagnostic equipment, special tools and project contingency. This request will provide the continued support of the transit electrification project implementation.

Project Status

Manufacturing and assembly of the eight new buses is expected to start in January of 2017. All eight buses are expected to be delivered and placed into service before the end of 2017. Bus payments, factory inspection costs, post-delivery inspection costs, service preparation and commissioning costs will be incurred and paid during 2017.

Alternatives Analysis

King County Metro is continuing to evaluate the feasibility and viability of the battery electric bus. This budget request expands the battery bus fleet and enables two routes to be completely operated using electric buses only. Going 'all-electric' on two routes will allow more comprehensive testing of the electric bus operating in actual conditions 24/7. Meaningful and measurable results can be compared to the historic performance of diesel and hybrid buses on these same routes.

Funding and Revenue Discussion

Federal grant funds support this project. Remaining funds come from the Public Transportation Fund, capital sub fund.

Other Agency Involvement

No other agencies are involved in this project.

Art Eligibility

Fleet purchases are not eligible for art contribution.

Equity and Social Justice Impact

The new 40ft battery electric buses will operate on specific Eastside routes that serve communities of color and communities with limited English proficiency and low income communities. The routes serve mixed demographics including socio-economic, race and income.

Strategic Climate Action Plan Alignment

Transit's expansion of its zero emission fleet advances the goals of SCAP.

Operating Budget Impacts

Although maintenance costs of electric buses are expected to be lower than those of diesel and hybrid coaches, the incremental impact is difficult to estimate at this time due to a relatively low number of fully electric buses in Transit's fleet.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

TDC ADA PARATR BUDGET

1130290

Master Project

Department	TRANSPORTATION
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3642 PUBLIC TRANS REVENUE FLEET CAPITAL
Class Code	TDC ADA PARATR BUDGET
Substantial Completion	
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$12,768,232	\$10,505,832	\$15,199,461	\$38,473,525
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$12,768,232	\$10,505,832	\$15,199,461	\$38,473,525

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$6,784,901	\$10,505,832	\$15,199,461	\$32,490,194
33436 - WA ST DEPT TRANSPORTATION	\$5,983,331	\$0	\$0	\$5,983,331
Total Revenue	\$12,768,232	\$10,505,832	\$15,199,461	\$38,473,525

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		TDC ADA PARATR BUDGET				1130290
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0		\$12,768,232	\$10,505,832	\$15,199,461	\$38,473,525
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$0	\$0	\$12,768,232	\$10,505,832	\$15,199,461	\$38,473,525

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$12,768,232	\$12,768,232	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$12,768,232	\$12,768,232	\$0

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

TDC ADA PARATR BUDGET

1130290

Current Scope

Americans with Disabilities Act (ADA) Paratransit Vehicle Replacement Program Budget - This program funds the following:

1. Purchase expansion and replacement vehicles for Access Transportation ADA paratransit service program, project 1028793, which provides paratransit service in accordance with the Federal ADA requirements and King County Ordinances. A total of 74 new vehicles are being requested for Access; 67 replacement and 7 expansion vans at a cost of \$6,018,408. The 2016 Access Transportation revenue fleet currently consists of 317 vehicles.
2. Replace the aging Community Access Transportation (CAT) revenue vehicles that currently equal 119, using WSDOT Paratransit supplemental grant funds to pay for 46 CAT replacement vehicles in 2017. In 2018, 41 replacements will be paid for using funds from the WSDOT 2017-2019 grant award.
3. Expand the Community Access Transportation (CAT) service by up to 10 percent, which will require 10 expansion vehicles in 2017, to meet the growing demand from existing CAT agencies and new agencies that serve seniors and people with disabilities in King County. By expanding CAT service by approximately 24,000 riders it is presumed that 2017-2018 Access ridership growth will decline by half of CAT increase or 12,000 (6,000 rides per year). In addition, Access expansion vans for the biennium were reduced from 12 to 7. This amount is half of the vehicles required for CAT expansion.

Project Justification

Replacing the older vehicles minimizes the cost of vehicle operations, equipment failures and safety concerns. Scheduled vehicle replacement is based on age, mileage accumulation, vehicle operating expense, vehicle downtime or availability and functionality. These criteria are designed to minimize the number of road calls; insure availability and maintain service productivity. Fleet expansion is based on growth predictions and/or changes in service.

Budget Request Basis

This budget request is based on Transit's estimates of the number of vehicles that will need to be replaced and their costs.

Project Status

This is an ongoing vehicle replacement program.

Alternatives Analysis

1. One alternative to replacing vehicles within the prescribed mileage and life guidelines is to continue using the vehicles in service. This is not recommended because it increases operating costs, break downs and the risk of equipment failure.
 - a. Vans using different types of fuel, diesel, gas or alternatives and type of vehicles are periodically reviewed.
2. If the replacement plan is not implemented the CAT program will continue to operate older vehicles, subject to more breakdowns and increased maintenance costs.
3. If the expansion vehicle request is deferred or disapproved, the CAT program will not expand service in 2017-2018.

Funding and Revenue Discussion

This project is funded by the Public Transportation Fund, capital sub fund. Additional revenue source is WSDOT Special Needs Grant.

Other Agency Involvement

No other agencies are involved in this project.

Art Eligibility

Vehicle purchases are not eligible for art contribution.

Equity and Social Justice Impact

1. The Paratransit program provides travel opportunities for historically disadvantaged populations, such as low-income people, seniors, people of color, people with disabilities and others with limited transportation options.
2. CAT agencies target people with disabilities or seniors on a low-income, such as Sound Generations that support Ethnic Meal lunch programs or Circle of Friends/Nikkei Concerns that serve a large percentage of non-English speaking customers.

Strategic Climate Action Plan Alignment

N/A

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

TDC ADA PARATR BUDGET

1130290

Operating Budget Impacts

This is vehicle replacement program. No significant impact on operating budget is expected.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WLMR CAO MR MASTER

1047594

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3673 CRITICAL AREAS MITIGATION
Class Code	STANDALONE
Substantial Completion	
Location	Countywide
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/14/13 - 12/31/20	\$3,672,842	\$435,530	\$460,723	\$488,782	\$5,057,877
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$5,591,852	\$3,344,277	\$3,316,218	\$12,252,347
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$200,000	\$200,000	\$200,000	\$600,000
Total Budget	\$3,672,842	\$6,227,382	\$4,005,000	\$4,005,000	\$17,910,224

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
34497 - CAO MITIGATION FEES	\$6,227,382	\$4,005,000	\$4,005,000	\$14,237,382
Total Revenue	\$6,227,382	\$4,005,000	\$4,005,000	\$14,237,382

EXPENSE

WLMR CAO MR MASTER

1047594

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$455,404	\$511,108	\$575,258	\$1,541,770
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$11,044,309	\$3,153,427	\$3,025,691	\$17,223,427
5 Closeout	\$0	\$45,000	\$114,227	\$44,365	\$0	\$203,592
6 Acquisition	\$0	\$0	\$209,090	\$221,824	\$235,332	\$666,246
Total Expense	\$0	\$45,000	\$11,823,030	\$3,930,724	\$3,836,281	\$19,635,035

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$3,672,842	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$45,000
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$3,672,842	\$45,000

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$3,672,842	\$435,530	\$455,404	\$3,652,968
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$5,591,852	\$11,044,309	(\$5,452,457)
5 Closeout	(\$45,000)	\$0	\$114,227	(\$159,227)
6 Acquisition	\$0	\$200,000	\$209,090	(\$9,090)
Total	\$3,627,842	\$6,227,382	\$11,823,030	(\$1,967,806)

NARRATIVES

WLMR CAO MR MASTER

1047594

Current Scope

Critical Areas Ordinance Mitigation Reserves Program - The Critical Areas Ordinance Mitigation Reserves Program is an "in-lieu-fee" compensatory mitigation program which provides a service to developers and other permittees whose projects require mitigation for impacts to aquatic resources. In lieu of completing their own mitigation, permittees can pay a mitigation fee to King County. The county then uses the fee to implement mitigation projects in places where projects will have the most benefit to the watershed in which the impact occurred. This is a master project which holds budget authority until developer fees are received and appropriate receiving sites are identified and approved through a multi-jurisdictional review team consisting of King County Department of Natural Resources, Washington State Department of Ecology, Army Corps of Engineers and local tribes.

Project Justification

The Mitigation Reserves Program was created in 2005 with the adoption of King County's Critical Areas Ordinance. The program offers developers a way to transfer mitigation obligations by paying a fee to King County in lieu of completing their own mitigation. Changes in federal mitigation rules in 2008 required King County to develop a Program Instrument, which is a guidance document consistent with the federal rules and also a contract with the US Army Corps of Engineers (Corps) and the Washington State Department of Ecology (Ecology). King County Ordinance 17254 authorized the King County Executive to sign the Program Instrument. On March 12, 2012, the Corps was the last of the three parties to sign the Program Instrument, thereby authorizing the program under the 2008 federal rules. The newly authorized program continues to offer developers a simple way to meet mitigation obligations for unavoidable impacts to aquatic resources.

Budget Request Basis

The Mitigation Reserves Program was created in 2005 with the adoption of King County's Critical Areas Ordinance. The program offers developers a way to transfer mitigation obligations by paying a fee to King County in lieu of completing their own mitigation. Changes in federal mitigation rules in 2008 required King County to develop a Program Instrument, which is a guidance document consistent with the federal rules and also a contract with the US Army Corps of Engineers (Corps) and the Washington State Department of Ecology (Ecology). King County Ordinance 17254 authorized the King County Executive to sign the Program Instrument. On March 12, 2012, the Corps was the last of the three parties to sign the Program Instrument, thereby authorizing the program under the 2008 federal rules. The newly authorized program continues to offer developers a simple way to meet mitigation obligations for unavoidable impacts to aquatic resources.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	WLMR CAO MR MASTER	1047594
Project Status		
Ongoing.		
Alternatives Analysis		
Alternatives considered are: Single Alternative.		
Funding and Revenue Discussion		
This project is funded by revenues from selling Mitigation credits which was authorized in 2005 with the adoption of King County's Critical Areas Ordinance.		
Other Agency Involvement		
N/A		
Art Eligibility		
No. 1% for Arts does not apply to Mitigation Fees received.		
Equity and Social Justice Impact		
Open to general public.		
Strategic Climate Action Plan Alignment		
The Mitigation Reserves Program (MRP) is an in lieu fee mitigation program whereby permittees whose projects create impacts to rivers, streams and wetlands can pay a fee to King County in lieu of completing their own offset projects. King County then uses fees to implement restoration projects or protect intact ecological lands to earn mitigation credit. This program helps King County meet its 2015 Strategic Climate Action Plan (SCAP); the MRP restoration and preservation projects benefit climate change response by sequestering CO2 in trees and other vegetation, reducing anticipated future flooding impacts through preserving or increasing flood storage capacity, and providing permanently protected ecological open space which enhances the ability of the ecosystem to adapt to changing climate.		
Operating Budget Impacts		
No operating impact.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

PSB REET 1 TRANSFER TO 3160

1033532

Art Eligible

Department	COUNTY EXECUTIVE
Council District(s)	1, 2, 3, 5, 6, 7, 8, 9
Fund	3681 REAL ESTATE EXCISE TX CAP
Class Code	STANDALONE
Substantial Completion	
Location	Various
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$650,480	\$0	\$0	\$0	\$650,480
2 Preliminary Design	\$1	\$0	\$0	\$0	\$1
3 Final Design	\$1	\$0	\$0	\$0	\$1
4 Implementation	\$42,899,985	\$8,896,174	\$11,856,553	\$12,020,576	\$75,673,288
5 Closeout	\$2	\$0	\$0	\$0	\$2
6 Acquisition	\$1,077,721	\$0	\$0	\$0	\$1,077,721
Total Budget	\$44,628,190	\$8,896,174	\$11,856,553	\$12,020,576	\$77,401,493

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$1,323,367	\$0	\$0	\$1,323,367
39789 - CONTRIB REET #1	\$7,572,807	\$11,856,553	\$12,020,576	\$31,449,936
Total Revenue	\$8,896,174	\$11,856,553	\$12,020,576	\$32,773,303

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		PSB REET 1 TRANSFER TO 3160					1033532
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense	
1 Planning	\$8,434,540	\$0	\$0	\$0	\$0	\$8,434,540	
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0	
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0	
4 Implementation	\$27,882,777	\$0	\$10,443,304	\$12,246,489	\$12,088,350	\$62,660,920	
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0	
6 Acquisition	\$290,000	\$0	\$0	\$0	\$0	\$290,000	
Total Expense	\$36,607,317	\$0	\$10,443,304	\$12,246,489	\$12,088,350	\$71,385,460	

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$8,434,540	\$650,480	\$8,434,540
2 Preliminary Design	\$0	\$0	\$0	\$1	\$0
3 Final Design	\$0	\$0	\$0	\$1	\$0
4 Implementation	\$0	\$0	\$27,882,777	\$42,899,985	\$27,882,777
5 Closeout	\$0	\$0	\$0	\$2	\$0
6 Acquisition	\$0	\$0	\$290,000	\$1,077,721	\$290,000
Total	\$0	\$0	\$36,607,317	\$44,628,190	\$36,607,317

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$7,784,060)	\$0	\$0	(\$7,784,060)
2 Preliminary Design	\$1	\$0	\$0	\$1
3 Final Design	\$1	\$0	\$0	\$1
4 Implementation	\$15,017,208	\$8,896,174	\$10,443,304	\$13,470,078
5 Closeout	\$2	\$0	\$0	\$2
6 Acquisition	\$787,721	\$0	\$0	\$787,721
Total	\$8,020,873	\$8,896,174	\$10,443,304	\$6,473,743

NARRATIVES	PSB REET 1 TRANSFER TO 3160	1033532
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Current Scope

REET 1 Transfer to Parks Fund 3160 - This project transfers Real Estate Excise Tax 1 proceeds to support the Parks Capital program in Fund 3160 -Parks Recreation and Open Space.

Project Justification

This project funds projects in the Parks Capital Program consistent with RCW 82.46.010 and King County Code 4A.200.580.

Budget Request Basis

This project funds several Parks projects including administration, critical infrastructure and major maintenance, regional open space acquisition, and technical projects. The major piece of this request is for the Central Maintenance Facility and will fund completion of design and implementation for utility work.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	PSB REET 1 TRANSFER TO 3160	1033532
Project Status		
N/A		
Alternatives Analysis		
N/A		
Funding and Revenue Discussion		
Real Estate Excise Tax 1 (REET 1) is an excise tax on each sale of real property in unincorporated King County authorized by RCW 82.45. Distribution is .25% of taxable real estate sales in unincorporated King County. Revenue projections are provided by the King County Office of Economic and Financial Analysis.		
Other Agency Involvement		
Transfer to the Parks to support projects in 3160.		
Art Eligibility		
N/A		
Equity and Social Justice Impact		
N/A		
Strategic Climate Action Plan Alignment		
N/A		
Operating Budget Impacts		
Operating impacts will be discussed within the individual projects within the Parks CIP.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

PSB REET 1 TRANSFER TO 3490

1033533

TA

Department	COUNTY EXECUTIVE
Council District(s)	1, 2, 3, 5, 6, 7, 8, 9
Fund	3681 REAL ESTATE EXCISE TX CAP
Class Code	STANDALONE
Substantial Completion	
Location	Various
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$132,789	\$0	\$0	\$0	\$132,789
2 Preliminary Design	\$1	\$0	\$0	\$0	\$1
3 Final Design	\$1	\$0	\$0	\$0	\$1
4 Implementation	\$13,134,246	\$1,197	\$0	\$0	\$13,135,443
5 Closeout	\$2	\$0	\$0	\$0	\$2
6 Acquisition	\$513,239	\$0	\$0	\$0	\$513,239
Total Budget	\$13,780,279	\$1,197	\$0	\$0	\$13,781,476

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39789 - CONTRIB REET #1	\$1,197	\$0	\$0	\$1,197
Total Revenue	\$1,197	\$0	\$0	\$1,197

EXPENSE PSB REET 1 TRANSFER TO 3490 1033533

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$1,973,220	\$0	\$0	\$0	\$0	\$1,973,220
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$11,212,116	\$0	\$286,013	\$0	\$0	\$11,498,129
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$13,185,336	\$0	\$286,013	\$0	\$0	\$13,471,349

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$1,973,220	\$132,789	\$1,973,220
2 Preliminary Design	\$0	\$0	\$0	\$1	\$0
3 Final Design	\$0	\$0	\$0	\$1	\$0
4 Implementation	\$0	\$0	\$11,212,116	\$13,134,246	\$11,212,116
5 Closeout	\$0	\$0	\$0	\$2	\$0
6 Acquisition	\$0	\$0	\$0	\$513,239	\$0
Total	\$0	\$0	\$13,185,336	\$13,780,278	\$13,185,336

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$1,840,431)	\$0	\$0	(\$1,840,431)
2 Preliminary Design	\$1	\$0	\$0	\$1
3 Final Design	\$1	\$0	\$0	\$1
4 Implementation	\$1,922,130	\$1,197	\$286,013	\$1,637,314
5 Closeout	\$2	\$0	\$0	\$2
6 Acquisition	\$513,239	\$0	\$0	\$513,239
Total	\$594,942	\$1,197	\$286,013	\$310,126

NARRATIVES

PSB REET 1 TRANSFER TO 3490

1033533

Current Scope

REET 1 Transfer to Parks Fund 3490 - This project transfers Real Estate Excise Tax 1 proceeds to the Parks Fund 3490- Parks Facility Rehab.

Project Justification

This project funds projects in the Parks Capital Program consistent with RCW 82.46.010 and King County Code 4A.200.580.

Budget Request Basis

This project provides a technical carryover adjustment to match Parks' carryover of REET funding.

Project Status

N/A

Alternatives Analysis

N/A

Funding and Revenue Discussion

N/A

Other Agency Involvement

Transfer to the Parks Capital Program.

Art Eligibility

N/A, projects within the Parks CIP may be applicable for Art.

Equity and Social Justice Impact

N/A

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	PSB REET 1 TRANSFER TO 3490	1033533
Strategic Climate Action Plan Alignment		
N/A		
Operating Budget Impacts		
Operating impacts will be discussed within the individual projects within the Parks CIP.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

PSB REET 1 DEBT SERVICE

1033534

Department	COUNTY EXECUTIVE
Council District(s)	1, 2, 3, 5, 6, 7, 8, 9
Fund	3681 REAL ESTATE EXCISE TX CAP
Class Code	STANDALONE
Substantial Completion	
Location	Unincorporated King County
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$2,073,031	\$0	\$0	\$0	\$2,073,031
2 Preliminary Design	\$1	\$0	\$0	\$0	\$1
3 Final Design	\$2,078,780	\$0	\$0	\$0	\$2,078,780
4 Implementation	\$21,609,131	\$1,175,230	\$256,935	\$257,375	\$23,298,671
5 Closeout	\$2	\$0	\$0	\$0	\$2
6 Acquisition	\$1	\$0	\$0	\$0	\$1
Total Budget	\$25,760,946	\$1,175,230	\$256,935	\$257,375	\$27,450,486

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39789 - CONTRIB REET #1	\$1,175,230	\$256,935	\$257,375	\$1,689,540
Total Revenue	\$1,175,230	\$256,935	\$257,375	\$1,689,540

EXPENSE PSB REET 1 DEBT SERVICE 1033534

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$5,231,443	\$0	\$0	\$0	\$0	\$5,231,443
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$19,473,296	\$0	\$1,175,230	\$256,935	\$257,375	\$21,162,836
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$24,704,739	\$0	\$1,175,230	\$256,935	\$257,375	\$26,394,279

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$5,231,443	\$2,073,031	\$5,231,443
2 Preliminary Design	\$0	\$0	\$0	\$1	\$0
3 Final Design	\$0	\$0	\$0	\$2,078,780	\$0
4 Implementation	\$0	\$0	\$19,473,296	\$21,609,131	\$19,473,296
5 Closeout	\$0	\$0	\$0	\$2	\$0
6 Acquisition	\$0	\$0	\$0	\$1	\$0
Total	\$0	\$0	\$24,704,739	\$25,760,946	\$24,704,739

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$3,158,412)	\$0	\$0	(\$3,158,412)
2 Preliminary Design	\$1	\$0	\$0	\$1
3 Final Design	\$2,078,780	\$0	\$0	\$2,078,780
4 Implementation	\$2,135,835	\$1,175,230	\$1,175,230	\$2,135,835
5 Closeout	\$2	\$0	\$0	\$2
6 Acquisition	\$1	\$0	\$0	\$1
Total	\$1,056,207	\$1,175,230	\$1,175,230	\$1,056,207

NARRATIVES

PSB REET 1 DEBT SERVICE

1033534

Current Scope

REET 1 Debt Service - This project is for debt service funded by REET 1.

Project Justification

This project funds debt service for the 2006 LTGO Bonds and 2011 LTGO Bonds.

Budget Request Basis

Budget is needed to pay existing debt service and fees associated with issuing debt. Amount is based on the debt service payment schedule.

Project Status

N/A

Alternatives Analysis

N/A

Funding and Revenue Discussion

Real Estate Excise Tax 1, is an excise tax on each sale of real property in unincorporated King County authorized by RCW 82.45. Distribution is .25% of taxable real estate sales in unincorporated King County. Revenue projections are provided by the Office of Economic and Financial Analysis.

Other Agency Involvement

The debt service was issued for projects and acquisitions within the Parks and Recreation Division.

Art Eligibility

N/A

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	PSB REET 1 DEBT SERVICE	1033534
Equity and Social Justice Impact		
N/A		
Strategic Climate Action Plan Alignment		
N/A		
Operating Budget Impacts		
N/A		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

PSB REET 1 TRANSFER TO 3581

1122223

Art Eligible

Department	COUNTY EXECUTIVE
Council District(s)	1, 2, 3, 5, 6, 7, 8, 9
Fund	3681 REAL ESTATE EXCISE TX CAP
Class Code	STANDALONE
Substantial Completion	
Location	Various
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$6,090,051	\$1,505,439	\$1,587,061	\$0	\$9,182,551
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$6,090,051	\$1,505,439	\$1,587,061	\$0	\$9,182,551

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39789 - CONTRIB REET #1	\$1,505,439	\$1,587,061	\$0	\$3,092,500
Total Revenue	\$1,505,439	\$1,587,061	\$0	\$3,092,500

EXPENSE PSB REET 1 TRANSFER TO 3581 1122223

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$4,673,194	\$0	\$1,765,143	\$1,776,266	\$532,880	\$8,747,483
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$4,673,194	\$0	\$1,765,143	\$1,776,266	\$532,880	\$8,747,483

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$4,673,194	\$6,090,051	\$4,673,194
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$4,673,194	\$6,090,051	\$4,673,194

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$1,416,857	\$1,505,439	\$1,765,143	\$1,157,153
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$1,416,857	\$1,505,439	\$1,765,143	\$1,157,153

NARRATIVES

PSB REET 1 TRANSFER TO 3581

1122223

Current Scope

REET 1 Transfer to Parks Fund 3581 - This project funding projects in the Parks Capital Fund 3581.

Project Justification

This project funds projects in the Parks Capital Program consistent with RCW 82.46.010 and King County Code 4A.200.580.

Budget Request Basis

This project funds several Parks projects including administration and critical infrastructure and major maintenance projects. The major piece of this request is for trailhead access and development.

Project Status

N/A

Alternatives Analysis

N/A

Funding and Revenue Discussion

Real Estate Excise Tax I (REET I) is an excise tax on each sale of real property in unincorporated King County authorized by RCW 82.45. Distribution is .25% of taxable real estate sales in unincorporated King County. Revenue projections are provided by the King County Office of Economic and Financial Analysis.

Other Agency Involvement

Transfer to support projects in the Parks Division.

Art Eligibility

Projects funded in the Parks program may be Art eligible.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	PSB REET 1 TRANSFER TO 3581	1122223
Equity and Social Justice Impact		
N/A		
Strategic Climate Action Plan Alignment		
N/A		
Operating Budget Impacts		
Operating impacts will be discussed within the individual projects within the Parks CIP.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

PSB REET 1 RSD TRANSFER

1130281

Department	COUNTY EXECUTIVE
Council District(s)	1, 2, 3, 5, 6, 7, 8, 9
Fund	3681 REAL ESTATE EXCISE TX CAP
Class Code	STANDALONE
Substantial Completion	
Location	Unincorporated King County
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$3,000,000	\$0	\$0	\$3,000,000
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$3,000,000	\$0	\$0	\$3,000,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39789 - CONTRIB REET #1	\$3,000,000	\$0	\$0	\$3,000,000
Total Revenue	\$3,000,000	\$0	\$0	\$3,000,000

EXPENSE PSB REET 1 RSD TRANSFER 1130281

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$3,000,000	\$0	\$0	\$3,000,000
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$0	\$0	\$3,000,000	\$0	\$0	\$3,000,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$3,000,000	\$3,000,000	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$3,000,000	\$3,000,000	\$0

NARRATIVES

PSB REET 1 RSD TRANSFER

1130281

Current Scope

REET 1 Transfer to Roads Capital - This project transfers REET 1 proceeds to the Road Capital Fund.

Project Justification

Project was created in 2016 to transfer funding for Roads Capital projects, consistent with RCW 82.46.010, in 2017-2018 on a reimbursable basis.

Budget Request Basis

This project allows REET to transfer funding to Roads to support capital projects in the unincorporated area right of way.

Project Status

N/A

Alternatives Analysis

N/A

Funding and Revenue Discussion

Real Estate Excise Tax 1, is an excise tax on each sale of real property in unincorporated King County authorized by RCW 82.45. Distribution is .25% of taxable real estate sales in unincorporated King County. Revenue projections are provided by the Office of Economic and Financial Analysis.

Other Agency Involvement

Road Services Division will receive reimbursement for eligible capital projects.

Art Eligibility

N/A

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	PSB REET 1 RSD TRANSFER	1130281
Equity and Social Justice Impact		
N/A		
Strategic Climate Action Plan Alignment		
N/A		
Operating Budget Impacts		
N/A		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

PSB REET 2 TRANSFER TO 3160

1033537

Department	COUNTY EXECUTIVE
Council District(s)	1, 2, 3, 5, 6, 7, 8, 9
Fund	3682 REAL ESTATE EXCISE TX 2
Class Code	STANDALONE
Substantial Completion	
Location	Various Unincorporated King County
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$1,167,478	\$0	\$0	\$0	\$1,167,478
2 Preliminary Design	\$1	\$0	\$0	\$0	\$1
3 Final Design	\$1	\$0	\$0	\$0	\$1
4 Implementation	\$52,781,130	\$5,455,971	\$5,818,791	\$8,946,477	\$73,002,369
5 Closeout	\$2	\$0	\$0	\$0	\$2
6 Acquisition	\$1	\$0	\$0	\$0	\$1
Total Budget	\$53,948,613	\$5,455,971	\$5,818,791	\$8,946,477	\$74,169,852

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$502,812	\$252,140	\$0	\$754,952
39776 - CONTRIB REET #2	\$4,953,159	\$5,566,651	\$8,946,477	\$19,466,287
Total Revenue	\$5,455,971	\$5,818,791	\$8,946,477	\$20,221,239

EXPENSE PSB REET 2 TRANSFER TO 3160 1033537

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$8,776,441	\$0	\$0	\$0	\$0	\$8,776,441
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$39,238,347	\$0	\$5,999,994	\$6,334,690	\$8,155,057	\$59,728,088
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$48,014,788	\$0	\$5,999,994	\$6,334,690	\$8,155,057	\$68,504,529

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$8,776,441	\$1,167,478	\$8,776,441
2 Preliminary Design	\$0	\$0	\$0	\$1	\$0
3 Final Design	\$0	\$0	\$0	\$1	\$0
4 Implementation	\$0	\$0	\$39,238,347	\$52,781,130	\$39,238,347
5 Closeout	\$0	\$0	\$0	\$2	\$0
6 Acquisition	\$0	\$0	\$0	\$1	\$0
Total	\$0	\$0	\$48,014,788	\$53,948,613	\$48,014,788

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$7,608,963)	\$0	\$0	(\$7,608,963)
2 Preliminary Design	\$1	\$0	\$0	\$1
3 Final Design	\$1	\$0	\$0	\$1
4 Implementation	\$13,542,783	\$5,455,971	\$5,999,994	\$12,998,760
5 Closeout	\$2	\$0	\$0	\$2
6 Acquisition	\$1	\$0	\$0	\$1
Total	\$5,933,825	\$5,455,971	\$5,999,994	\$5,389,802

NARRATIVES

PSB REET 2 TRANSFER TO 3160

1033537

Current Scope

REET 2 Transfer to Parks Fund 3160 - This project transfers Real Estate Excise Tax 2 proceeds to support the Parks Capital program in Fund 3160 -Parks Recreation and Open Space.

Project Justification

This project funds projects in the Parks Capital Program consistent with RCW 82.46.035 and King County Code 4A.200.590.

Budget Request Basis

This project funds several Parks projects including community partnerships and grants and critical infrastructure and major maintenance projects.

Project Status

N/A

Alternatives Analysis

N/A

Funding and Revenue Discussion

Real Estate Excise Tax 2 (REET 2) is an excise tax on each sale of real property in unincorporated King County authorized by RCW 82.45. Distribution is .25% of taxable real estate sales in unincorporated King County. Revenue projections are provided by the King County Office of Economic and Financial Analysis.

Other Agency Involvement

Transfer to Parks.

Art Eligibility

Projects funded in the Parks program may be Art eligible.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	PSB REET 2 TRANSFER TO 3160	1033537
Equity and Social Justice Impact		
N/A		
Strategic Climate Action Plan Alignment		
N/A		
Operating Budget Impacts		
Operating impacts will be discussed within the individual projects within the Parks CIP.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

PSB REET 2 TRANSFER TO 3490

1033538

TA, Art Eligible

Department	COUNTY EXECUTIVE
Council District(s)	1, 2, 3, 5, 6, 7, 8, 9
Fund	3682 REAL ESTATE EXCISE TX 2
Class Code	STANDALONE
Substantial Completion	
Location	Various- Unincorporated King County
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$1,094,949	\$0	\$0	\$0	\$1,094,949
2 Preliminary Design	\$1	\$0	\$0	\$0	\$1
3 Final Design	\$1	\$0	\$0	\$0	\$1
4 Implementation	\$34,357,009	\$2,992	\$0	\$0	\$34,360,001
5 Closeout	\$2	\$0	\$0	\$0	\$2
6 Acquisition	\$1	\$0	\$0	\$0	\$1
Total Budget	\$35,451,964	\$2,992	\$0	\$0	\$35,454,956

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39776 - CONTRIB REET #2	\$2,992	\$0	\$0	\$2,992
Total Revenue	\$2,992	\$0	\$0	\$2,992

EXPENSE

PSB REET 2 TRANSFER TO 3490

1033538

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$4,269,799	\$0	\$0	\$0	\$0	\$4,269,799
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$29,027,576	\$0	\$0	\$0	\$0	\$29,027,576
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$33,297,375	\$0	\$0	\$0	\$0	\$33,297,375

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$4,269,799	\$1,094,949	\$4,269,799
2 Preliminary Design	\$0	\$0	\$0	\$1	\$0
3 Final Design	\$0	\$0	\$0	\$1	\$0
4 Implementation	\$0	\$0	\$29,027,576	\$34,357,009	\$29,027,576
5 Closeout	\$0	\$0	\$0	\$2	\$0
6 Acquisition	\$0	\$0	\$0	\$1	\$0
Total	\$0	\$0	\$33,297,375	\$35,451,963	\$33,297,375

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$3,174,849)	\$0	\$0	(\$3,174,849)
2 Preliminary Design	\$1	\$0	\$0	\$1
3 Final Design	\$1	\$0	\$0	\$1
4 Implementation	\$5,329,433	\$2,992	\$0	\$5,332,425
5 Closeout	\$2	\$0	\$0	\$2
6 Acquisition	\$1	\$0	\$0	\$1
Total	\$2,154,589	\$2,992	\$0	\$2,157,581

NARRATIVES

PSB REET 2 TRANSFER TO 3490

1033538

Current Scope

REET 2 Transfer to Parks Fund 3490 - This project transfers Real Estate Excise Tax 2 proceeds to the Parks Fund 3490- Parks Facility Rehab.

Project Justification

This project funds projects in the Parks Capital Program consistent with RCW 82.46.035 and King County Code 4A.200.590.

Budget Request Basis

This project provides a technical carryover adjustment to match Parks' carryover of REET funding.

Project Status

N/A

Alternatives Analysis

N/A

Funding and Revenue Discussion

Real Estate Excise Tax 2 (REET 2) is an excise tax on each sale of real property in unincorporated King County authorized by RCW 82.45. Distribution is .25% of taxable real estate sales in unincorporated King County. Revenue projections are provided by the King County Office of Economic and Financial Analysis.

Other Agency Involvement

Transfer to Parks CIP.

Art Eligibility

Projects funded in the Parks program may be Art eligible.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	PSB REET 2 TRANSFER TO 3490	1033538
Equity and Social Justice Impact		
N/A		
Strategic Climate Action Plan Alignment		
N/A		
Operating Budget Impacts		
Operating impacts will be discussed within the individual projects within the Parks CIP.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

PSB REET 2 TRANSFER TO 3581

1122224

Department	COUNTY EXECUTIVE
Council District(s)	1, 2, 3, 5, 6, 7, 8, 9
Fund	3682 REAL ESTATE EXCISE TX 2
Class Code	STANDALONE
Substantial Completion	
Location	Various - Unincorporated King County
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$7,573,850	\$8,296,524	\$4,149,758	\$0	\$20,020,132
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$7,573,850	\$8,296,524	\$4,149,758	\$0	\$20,020,132

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39776 - CONTRIB REET #2	\$8,296,524	\$4,149,758	\$0	\$12,446,282
Total Revenue	\$8,296,524	\$4,149,758	\$0	\$12,446,282

EXPENSE PSB REET 2 TRANSFER TO 3581 1122224

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$1,178,742	\$0	\$7,549,203	\$5,750,299	\$1,725,090	\$16,203,334
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$1,178,742	\$0	\$7,549,203	\$5,750,299	\$1,725,090	\$16,203,334

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$1,178,742	\$7,573,850	\$1,178,742
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$1,178,742	\$7,573,850	\$1,178,742

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$6,395,108	\$8,296,524	\$7,549,203	\$7,142,429
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$6,395,108	\$8,296,524	\$7,549,203	\$7,142,429

NARRATIVES

PSB REET 2 TRANSFER TO 3581

1122224

Current Scope

REET 2 Transfer to Parks Fund 3581 - This project funding projects in the Parks Capital Fund 3581.

Project Justification

This project funds projects in the Parks Capital Program consistent with RCW 82.46.035 and King County Code 4A.200.590.

Budget Request Basis

This project funds several Parks projects including administration, critical infrastructure and major maintenance, and technical projects. The major piece of this request is for trailhead access and development and parking lot and pathway rehabilitation.

Project Status

N/A

Alternatives Analysis

N/A

Funding and Revenue Discussion

Real Estate Excise Tax 2 (REET 2) is an excise tax on each sale of real property in unincorporated King County authorized by RCW 82.45. Distribution is .25% of taxable real estate sales in unincorporated King County. Revenue projections are provided by the King County Office of Economic and Financial Analysis.

Other Agency Involvement

Transfer to Parks CIP.

Art Eligibility

Projects funded in the Parks program may be Art eligible.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	PSB REET 2 TRANSFER TO 3581	1122224
Equity and Social Justice Impact		
N/A		
Strategic Climate Action Plan Alignment		
N/A		
Operating Budget Impacts		
Operating impacts will be discussed within the individual projects within the Parks CIP.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WLTD TDR BANK

1033971

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3691 TRNSF OF DEV CREDIT PROG
Class Code	STANDALONE
Substantial Completion	
Location	Countywide
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition 01/01/01 - 12/31/18	\$8,718,308	\$20,719,433	\$6,043,723	\$1,832,676	\$37,314,140
Total Budget	\$8,718,308	\$20,719,433	\$6,043,723	\$1,832,676	\$37,314,140

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
36999 - OTHER MISC REVENUE	\$20,719,433	\$6,043,723	\$1,832,676	\$28,595,832
Total Revenue	\$20,719,433	\$6,043,723	\$1,832,676	\$28,595,832

EXPENSE WLTD TDR BANK 1033971

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$2,629	\$0	\$0	\$0	\$0	\$2,629
2 Prelim Design	\$774	\$0	\$0	\$0	\$0	\$774
3 Final Design	\$5,548	\$0	\$0	\$0	\$0	\$5,548
4 Implementation	\$6,354	\$0	(\$357,870)	(\$1,239,048)	(\$2,066,680)	(\$3,657,244)
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$2,311,935	\$0	\$7,857,870	\$12,600,048	\$13,666,680	\$36,436,533
Total Expense	\$2,327,239	\$0	\$7,500,000	\$11,361,000	\$11,600,000	\$32,788,239

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$2,629	\$0	\$2,629
2 Preliminary Design	\$0	\$0	\$774	\$0	\$774
3 Final Design	\$0	\$0	\$5,548	\$0	\$5,548
4 Implementation	\$0	\$0	\$6,354	\$0	\$6,354
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$2,311,935	\$8,718,308	\$2,311,935
Total	\$0	\$0	\$2,327,240	\$8,718,308	\$2,327,240

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$2,629)	\$0	\$0	(\$2,629)
2 Preliminary Design	(\$774)	\$0	\$0	(\$774)
3 Final Design	(\$5,548)	\$0	\$0	(\$5,548)
4 Implementation	(\$6,354)	\$0	(\$357,870)	\$351,516
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$6,406,373	\$20,719,433	\$7,857,870	\$19,267,936
Total	\$6,391,068	\$20,719,433	\$7,500,000	\$19,610,501

NARRATIVES

WLTD TDR BANK

1033971

Current Scope

Transfer of Development Rights (TDR) Bank - The King County Transfer of Development Rights (TDR) Bank acts as a revolving fund to accomplish land preservation through the buying, holding, and selling of Development Rights authorized by the TDR Program in K.C.C. 21A.37. Revenues are received from the sale of TDR's.

Project Justification

The TDR program is a voluntary, incentive-based, and market-driven approach to preserve land and relocate development growth away from rural areas and into urban areas. Rural landowners realize economic return through the sale of development rights to private developers who are able to build more compactly in designated urban areas.

Budget Request Basis

N/A

Project Status

Ongoing.

Alternatives Analysis

Alternatives considered are: Single Alternative.

Funding and Revenue Discussion

This project is funded by revenues from selling Development Rights authorized by the TDR Program in K.C.C. 21A.37.

Other Agency Involvement

N/A

Art Eligibility

No. The project is related to the sale of real estate development credits

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WLTD TDR BANK

1033971

Equity and Social Justice Impact

Open to general public.

Strategic Climate Action Plan Alignment

The Transfer of Development Rights program helps King County meet its 2015 Strategic Climate Action Plan (SCAP) goals within 30 years by (1) permanently conserving remaining high-priority farm, forest, and other open spaces and (2) by redirecting growth into urban areas. Climate change response benefits of protecting open space through TDR include the capture of CO2 emissions in trees and other site vegetation, reducing anticipated future flooding impacts through preserving or increasing flood storage capacity, and providing a vast network of contiguous protected forest to increase the ability of the ecosystem to adapt to changing climate. Focusing growth in urban areas reduces the need for infrastructure in rural and resource areas, and reduces vehicle miles traveled by concentrating new residential and commercial growth near urban centers with transit options.

Operating Budget Impacts

No operating impact.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WLTD TDR PROGRAM SUPPORT

1033976

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3691 TRNSF OF DEV CREDIT PROG
Class Code	STANDALONE
Substantial Completion	
Location	Not Applicable
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/01/13 - 12/31/20	\$456,793	\$350,589	\$370,869	\$393,455	\$1,571,706
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$160,037	\$0	\$0	\$0	\$160,037
4 Implementation	\$110,519	\$0	\$0	\$0	\$110,519
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$157,969	\$0	\$0	\$0	\$157,969
Total Budget	\$885,318	\$350,589	\$370,869	\$393,455	\$2,000,231

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
36999 - OTHER MISC REVENUE	\$350,589	\$370,869	\$393,455	\$1,114,913
Total Revenue	\$350,589	\$370,869	\$393,455	\$1,114,913

EXPENSE

WLTD TDR PROGRAM SUPPORT

1033976

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$3,424	\$0	\$366,587	\$411,428	\$463,065	\$1,244,504
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$36	\$0	(\$15,998)	(\$40,559)	(\$69,610)	(\$126,131)
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$601,830	\$0	\$0	\$0	\$0	\$601,830
Total Expense	\$605,289	\$0	\$350,589	\$370,869	\$393,455	\$1,720,202

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$3,424	\$456,793	\$3,424
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$160,037	\$0
4 Implementation	\$0	\$0	\$36	\$110,519	\$36
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$601,830	\$157,969	\$601,830
Total	\$0	\$0	\$605,290	\$885,318	\$605,290

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$453,369	\$350,589	\$366,587	\$437,371
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$160,037	\$0	\$0	\$160,037
4 Implementation	\$110,483	\$0	(\$15,998)	\$126,481
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	(\$443,861)	\$0	\$0	(\$443,861)
Total	\$280,028	\$350,589	\$350,589	\$280,028

NARRATIVES

WLTD TDR PROGRAM SUPPORT

1033976

Current Scope

TDR Program Support - This project provides for on-going administrative support to the Transfer Development Rights (TDR) Program. This includes marketing, negotiating and developing new Transfer Development Rights partnership agreements with cities, acquisition of development rights from open space lands, review of grant reimbursement requests from jurisdictions, grant management and the review and preparation of legislation and other land acquisition related support.

Project Justification

Provides operation of the Transfer Development Program in accordance with ordinance 13733.

Budget Request Basis

N/A

Project Status

Ongoing.

Alternatives Analysis

Alternatives considered are: Single Alternative.

Funding and Revenue Discussion

This project is funded by revenues from selling Development Rights authorized by the TDR Program in K.C.C. 21A.37.

Other Agency Involvement

N/A

Art Eligibility

No. Programmatic and administrative costs only

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WLTD TDR PROGRAM SUPPORT

1033976

Equity and Social Justice Impact

Not applicable to project.

Strategic Climate Action Plan Alignment

The Transfer of Development Rights program helps King County meet its 2015 Strategic Climate Action Plan (SCAP) goals within 30 years by (1) permanently conserving remaining high-priority farm, forest, and other open spaces and (2) by redirecting growth into urban areas. Climate change response benefits of protecting open space through TDR include the capture of CO2 emissions in trees and other site vegetation, reducing anticipated future flooding impacts through preserving or increasing flood storage capacity, and providing a vast network of contiguous protected forest to increase the ability of the ecosystem to adapt to changing climate. Focusing growth in urban areas reduces the need for infrastructure in rural and resource areas, and reduces vehicle miles traveled by concentrating new residential and commercial growth near urban centers with transit options.

Operating Budget Impacts

No operating impact.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

DOA PTAS

1123944

Department	ASSESSMENTS
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3771 OIRM CAPITAL PROJECTS
Class Code	STANDALONE
Substantial Completion	06/30/2019
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$504,148	\$0	\$0	\$504,148
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$504,148	\$0	\$0	\$504,148

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39780 - CONTRIB CURRENT EXPENSE	\$504,148	\$0	\$0	\$504,148
Total Revenue	\$504,148	\$0	\$0	\$504,148

EXPENSE

DOA PTAS

1123944

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$504,148	\$0	\$0	\$504,148
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$0	\$0	\$504,148	\$0	\$0	\$504,148

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$504,148	\$504,148	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$504,148	\$504,148	\$0

NARRATIVES

DOA PTAS

1123944

Current Scope

The Department of Assessments' (DOA) Property Tax Administration System (PTAS) project will review DOA's business, technical, and functional requirements for a new PTAS system; conduct an RFI and an RFP; and select a vendor for a modern, stable and accurate system to deliver our tax revenue for the County and the multiple jurisdictions that the County serves.

Project Justification

The current tax administration system has a number of operational restrictions:

- It is essentially a copy of mainframe data, code and queries and not a modern integrated system.
- It uses multiple inefficient business processes (at least 24 identified to date) across multiple agencies (primarily DOA, RALS, FBOD – Treasury, and others).
- It does not always accurately calculate levy rates as required by state law.
- It prevents current business processes from being updated due to current technical configuration.

The present system is limited to five decimal places; the State Auditor has repeatedly cited the department for potential inaccuracies because the system should have at least 10 to accurately set rates. In addition, the present system is excessively labor intensive, taking eight to ten weeks to manually complete levy calculations for some 590 separate levy codes. The current rehosted system does not allow for coordinated and seamless integration of data between agency partners.

A new system could accomplish this agency integration and communication in a matter of hours with less risk of human error once fully tested. The present system is also cumbersome to pull data queries from without specialized coding, making it difficult, time consuming, and, in some cases, virtually impossible to analyze data in a timely manner.

Budget Request Basis

Project Status

New

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	DOA PTAS	1123944
Alternatives Analysis		
Funding and Revenue Discussion		
Other Agency Involvement		
King County Treasury and the Recorder's Office. DOA and Treasury are involved in creating a merged line of business budget for the 2017-18 biennium that takes into account this new system.		
Art Eligibility		
Equity and Social Justice Impact		
Strategic Climate Action Plan Alignment		
Operating Budget Impacts		
Half way through 2019, Assessments anticipates incurring O&M costs to maintain the new system (for planning purposes, approximately \$1.2 million/year).		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

DES FBOD CW Elec Pmt Imp Sppt 1124170

Department	EXECUTIVE SERVICES
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3771 OIRM CAPITAL PROJECTS
Class Code	STANDALONE
Substantial Completion	12/31/2017
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$740,871	\$357,752	\$0	\$0	\$1,098,623
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$740,871	\$357,752	\$0	\$0	\$1,098,623

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39780 - CONTRIB CURRENT EXPENSE	\$357,752	\$0	\$0	\$357,752
Total Revenue	\$357,752	\$0	\$0	\$357,752

EXPENSE DES FBOD CW Elec Pmt Imp Sppt 1124170

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$12,253		\$0	\$0	\$0	\$12,253
2 Prelim Design	\$91,061		\$0	\$0	\$0	\$91,061
3 Final Design	\$0		\$0	\$0	\$0	\$0
4 Implementation	(\$22,912)		\$1,018,221	\$0	\$0	\$995,309
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$80,402		\$1,018,221	\$0	\$0	\$1,098,623

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$12,253	\$0	\$12,253
2 Preliminary Design	\$0	\$0	\$91,061	\$0	\$91,061
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$22,912)	\$740,871	(\$22,912)
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$80,402	\$740,871	\$80,402

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$12,253)	\$0	\$0	(\$12,253)
2 Preliminary Design	(\$91,061)	\$0	\$0	(\$91,061)
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$763,783	\$357,752	\$1,018,221	\$103,314
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$660,469	\$357,752	\$1,018,221	\$0

NARRATIVES

DES FBOD CW Elec Pmt Imp Sppt

1124170

Current Scope

The Countywide Electronic Payment Implementation Support Project (led by the Finance and Business Operations Division (FBOD) of the Department of Executive Services (DES)) will consolidate Web/online, point-of-sale (POS), and interactive voice response (IVR) payment functions across King County under a single merchant services provider. An RFP has been issued to select a new vendor, which will replace the current vendors (FIS and Bank of America). The selected vendor will also provide an integrated Web-based reporting platform for all electronic payments to give the County full visibility of transactions countywide. The selected vendor will provide a hosted payment gateway to accept cardholder information, thus reducing the County's PCI risk. From a larger perspective, the project will provide effective fiscal, business practice, policy and technical support to departments for the implementation of electronic payments.

Project Justification

Consistent with the goal of service excellence and the pursuit of being the "best run government," the County needs to make it easier and more convenient for customers to use credit cards and other electronic payment methods to conduct their County business. Executive leadership strongly supports the expansion of payment options to improve customer service, increase operational effectiveness, and address equity and social justice issues. As of 2015, only 42% of the County's customer payments are made through electronic means (credit/debit cards, eChecks). At the same time, constituent feedback consistently identifies the provision of electronic payment options as a high priority. The electronic payment environment needs to be flexible and scalable to adapt to continually changing customer demands and payment technologies. The current electronic payment infrastructure— business processes, systems, policies, procedures, and staffing—needs to be re-evaluated and updated so that agencies can effectively upgrade or develop new electronic payment applications consistent with the strategic direction and vision for the future.

Citizens and businesses will benefit by:

- Having access to more payment channels and options
- Expanding online services to provide 24/7 access and save considerable time and money
- Speeding up service delivery and responsiveness

King County benefits through:

- Increasing access to County government services and products

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status: Approved

- Reducing the barriers to providing online services
- Reducing pressure on existing counter services
- Reducing the costs and risks associated with cash handling
- Reducing the costs and risks associated with Payment Card Industry Data Security Standards (PCI-DSS) compliance
- Having standard practices in place across the County for reporting, settlements, reconciliations, chargebacks, and refunds
- Significantly reducing traveled vehicle lane miles

The new consolidated storefront developed in this project will reduce the time, costs, and complexity to onboard and maintain new storefront applications for County agencies. Agencies will also benefit from having an integrated reporting platform for data on electronic payments from these systems.

This project will consolidate Web/online, point-of-sale (POS), and interactive voice response (IVR) payment functions across King County under a single merchant services provider. An RFP has been issued to select this new vendor, which will replace the current vendors (FIS and Bank of America). The selected vendor will also provide an integrated Web-based reporting platform for all electronic payments to give the County full visibility of transactions countywide. (It should be noted that an exception process exists to allow agencies to use a different payment processor for specific electronic payment functions.) The selected vendor will provide a hosted payment gateway to accept cardholder information, thus reducing the County's PCI risk. From a larger perspective, the project will provide effective fiscal, business practice, policy and technical support to departments for the implementation of electronic payments

As part of this project's recommended approach, KCIT will develop a "consolidated storefront" offering (a) a consistent look and feel to payment applications and (b) less expensive onboarding and maintenance for new payment applications. This solution is designed for applications that are primarily storefronts, without significant other business functions. Thus, it is expected to be used to develop replacements for about half of the 11 storefront applications that use the current KCIT payment engine. It will also be used to develop some new County storefronts, such as the one for the Employee Giving Program. The remainder of the existing 11 applications will use one of two other options: interfacing via the KCIT application programming interface (API) or connecting directly to the new merchant services provider's system.

Applications which are in scope for this project include DNRP's Wastewater Capacity Charges; Elections' Candidate Filing Fees; DES RALS' Pet Licensing and Pet Donations; DES FBOD's Property Taxes; DES' Employee Giving Program; DPER's Permits; DPH's Environmental Health Portal Permits; DNRP Parks' replacement system; DES RALS' Anthem system replacement; DJA's Superior Court E-Filing Payments and Records system replacement; and District Court's Ticket Payments and DCOR Online system replacement.

The strategic impact will be assessed by measuring the increase against baselines for the following items:

- (a) the percentage of County services accepting credit/debit cards/eChecks (35% in 2014, targeting 80% in 2020),
- (b) the percentage of agencies accepting credit/debit cards/eChecks (42% in 2014, targeting 80% in 2020),
- (c) the volume of electronic payment transactions (~906K in 2014, targeting +8 to 10% annual increases through 2020), and
- (d) the proportion of transactions paid electronically vs. cash/check (35% in 2014, targeting 66% in 2020).

Equity and Social Justice: No
Strategic Climate Action Plan: No
Best Run Government: Yes

The risk of not doing the project are that King County will continue to be seen as a stone-age government and will not receive the benefits from the project including:

Citizens and businesses will benefit by:

- Having access to more payment channels and options
- Expanding online services to provide 24/7 access and save considerable time and money
- Speeding up service delivery and responsiveness

King County benefits through:

- Increasing access to County government services and products
- Reducing the barriers to providing online services

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

- Reducing pressure on existing counter services
- Reducing the costs and risks associated with cash handling
- Reducing the costs and risks associated with Payment Card Industry Data Security Standards (PCI-DSS) compliance
- Having standard practices in place across the County for reporting, settlements, reconciliations, chargebacks, and refunds
- Significantly reducing traveled vehicle lane miles

The new consolidated storefront developed in this project will reduce the time, costs, and complexity to onboard and maintain new storefront applications for County agencies. Agencies will also benefit from having an integrated reporting platform for data on electronic payments from these systems.

Budget Request Basis

The project has completed the initial scoping and has determined a total need in excess of the current appropriation. Please see the IT project documentation for details.

Project Status

This is an existing project. The objective of the project is to make it easier for customers to make electronic payments when conducting their business with the County. Accomplishments to date:

- Contract close-out with project consultant, FIS, December 31, 2015, all deliverables accepted
- FIN-8-5-1-EP, Accepting Electronic Payments, signed by Executive , March 3, 2016
- Electronic Payments Management Plan, completed March 2016
- Steering Committee meeting, May 29, 2016
- RFP advertised April 21, 2016; closed June 16, 2016; 7 proposals received.

Newly started services in the last year:

DPER web/online

- RALS Archives POS
- RALS Licensing POS
- RALS Pet Service fees POS
- DOT Fleet POS
- KCGIS online

Pending:

Projects/Interest: Employee Giving web/online, RALS Recorders, and DOT Community Vans pilot • RFP Proposal evaluation estimated through October 2016 • Next Steering Committee meetings: July 13

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

DES FBOD CW Elec Pmt Imp Sppt

1124170

Alternatives Analysis

This request funds the preferred alternative. Alternatives were discussed during the initial year of this project. Please see 2015-2016 IT project documentation for details.

Alternative A Pros Cons

Name: Develop consolidated storefront

Reduces time, cost, and complexity to onboard and maintain new storefronts.

Provides consistent branding and payment experience to citizens across storefronts.

Standardizes electronic payment process flow.

More initial costs to develop the consolidated storefront.

Estimated Cost: \$1,098,624

Description: KCIT develops a consolidated storefront that can be used to create and maintain a number of individual agency storefronts more efficiently with less expense. Some storefronts will still connect directly or via an interface (API) to the vendor.

Describe why Alternative A is your preferred solution: In the long term this alternative provides lower costs to onboard and maintain storefronts. It also provides consistent branding and payment experience to citizens across storefronts.

What is the expected useful life, in years, of the proposed technology associated with Alternative A?

This will provide a flexible, extensible consolidated storefront that should be able to be developed and maintained for at least 6 to 10 years.

Alternative B Pros Cons

Name: Integrate with a vendor storefront

Would not require County IT staff, if resources were unavailable.

Would cost much more over time to add and maintain storefronts. By year 6, it would cost \$4.1M, where Alt. A would cost \$1.9M.

May require another RFP.

Vendor lacks the extensive business knowledge needed for the more complex applications.

High dependency on vendor to support County storefront needs. Difficult to transition to a new vendor if needed.

Estimated Cost: \$1,053,360

Description: Have a vendor replace the County storefronts and payment gateway with their version and then continue to onboard new storefronts.

Alternative C Pros Cons

Name: Keep separate storefronts

Costs less for initial development

Would cost more over time to onboard and maintain new systems.

Less consistent look and feel to County storefronts.

Estimated Cost: \$696,034

Description: Make only minimal changes to the current KCIT county payment engine to reduce PCI risk. Convert existing County storefronts separately and continue to develop stand-alone storefronts going forward.

Funding and Revenue Discussion

This project has an appropriation in the 2016 budget (total of \$740,871) that it will expend in 2017.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

DES FBOD CW Elec Pmt Imp Sppt

1124170

Other Agency Involvement

This is a countywide effort, please see the existing IT project documentation and the new request IT project documentation for details.

Update 6/7/2016: The Electronic Payments Management Plan projects benefits for a longer period, through 2020, with a goal of 80% e-payment utilization across the county by 2020.

Update 3/16/2015:

New e-payment services installed:

Point-of-sale, Superior Court (FCO/JCS), January 2015

New e-payment service installation in progress:

Point-of-sale, Judicial Administration

Point-of-sale, RALS For Hire Vehicle & Operator Licenses

New e-payment services Business Case under review:

DNRP/Parks, Facility Scheduling System Replacement Project

District Court, Unified Case Management System (UCMS) project

KCGIS, Registration System project

Update 6/7/2016:

New e-payment services installed:

Point-of-sale, Judicial Administration

Point-of-sale, RALS For Hire Vehicle & Operator Licenses

Point-of-sale, RALS Archives

Point-of-sale, RASKC

Point-of-sale, DOT Fleet Administration

Point-of-sale (mobile), DNRP Parks

Online, KCGIS, Registration System project

Online, DPER

New e-payment service installation in progress:

Employee Giving Program

DNRP/Parks, Facility Scheduling System Replacement Project

District Court, Unified Case Management System (UCMS) project

DJA Superior Court Management Information System (SCOMIS) replacement

RALS software application replacement project

New e-payment services Business Case under review:

DOT Community Vans Project

Art Eligibility

N/A

Equity and Social Justice Impact

NA

Strategic Climate Action Plan Alignment

Operating Budget Impacts

Ongoing costs are estimated at \$163K annually to support the new countywide system.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

DES HRD Replacement of NeoGOV

1124179

Department	EXECUTIVE SERVICES
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3771 OIRM CAPITAL PROJECTS
Class Code	STANDALONE
Substantial Completion	09/30/2017
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$403,460	\$763,938	\$0	\$0	\$1,167,398
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$403,460	\$763,938	\$0	\$0	\$1,167,398

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39780 - CONTRIB CURRENT EXPENSE	\$763,938	\$0	\$0	\$763,938
Total Revenue	\$763,938	\$0	\$0	\$763,938

EXPENSE

DES HRD Replacement of NeoGOV

1124179

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$70,435		\$0	\$0	\$0	\$70,435
2 Prelim Design	\$50,940		\$0	\$0	\$0	\$50,940
3 Final Design	\$0		\$0	\$0	\$0	\$0
4 Implementation	\$0	\$150,015	\$896,008	\$0	\$0	\$1,046,023
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$121,374	\$150,015	\$896,008	\$0	\$0	\$1,167,397

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$70,435	\$0	\$70,435
2 Preliminary Design	\$0	\$0	\$50,940	\$0	\$50,940
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$403,460	\$150,015
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$121,375	\$403,460	\$271,390

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$70,435)	\$0	\$0	(\$70,435)
2 Preliminary Design	(\$50,940)	\$0	\$0	(\$50,940)
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$253,445	\$763,938	\$896,008	\$121,375
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$132,070	\$763,938	\$896,008	\$0

NARRATIVES

DES HRD Replacement of NeoGOV

1124179

Current Scope

The NEOGOV Replacement Project (led by the Human Resources Division (HRD) of the Department of Executive Services (DES)) is working to replace the two NEOGOV systems being used separately by Public Health and all other County departments with a new Applicant Tracking System (ATS). The new ATS will integrate with PeopleSoft and enable King County to standardize its currently highly-varied recruitment business processes. A single system's reporting capabilities, combined with PeopleSoft integration, will enhance the County's visibility into its recruitment processes and outcomes. The visibility offered by these capabilities is critical to enabling process improvement, which the County will need as it continues to compete with very large employers based in the Seattle area (e.g., Starbucks, Boeing, Microsoft, and Amazon). These improvements, combined with a more robust and technically current system that leverages social media, will more effectively reach, attract and retain qualified candidates.

Project Justification

This is a request for additional funding for an existing project, which is working to replace the County's NEOGOV systems with a new Applicant Tracking System (ATS). An RFP was conducted which provided estimates of cost and schedule from four different vendors. HRD is now in negotiations with a vendor and the costs outlined in the CBA reflect as based on their proposal. The initial versions of the Business Case and CBA incorrectly assumed that costs for an ATS system and implementation would be the same as the current system (NEOGOV) and did not account for the time and KCIT costs to conduct an RFP and project manage through implementation. The previous business case and CBA were based on NEOGOV's costs which did not include Public Health's separate contract with NEOGOV and thus did not represent the entire cost for the county. The original CBA also did not include BRC support for ATS/PeopleSoft integrations.

In the next five years, forty-six percent (46%) of King County's workforce is projected to retire or turnover. To support King County's strategic initiative to be the Best Run Government, it is essential to attract and recruit diverse, quality candidates that have the skills and competencies to improve our organization. Our Employee Engagement survey also identified that our employees do not feel our hiring and promotional processes are fair and transparent. The County currently uses the NEOGOV system to support recruitments and applicant tracking but NEOGOV is insufficient for meeting the County's sourcing and hiring needs. NEOGOV lacks basic functionality that allows candidates to create a profile that stores their information, test results and jobs applied for. This candidate profile allows recruiters to search our own system for candidates that applied to similar jobs for the county, allowing us to share candidates, reduce the time to hire and eliminate duplicate testing costs. Kelton research shows that 86% of active candidates use their smartphone to begin a job search, 70% of

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

active candidates want to apply via mobile and 51% currently apply to positions via mobile. NEOGOV does not offer this capability or the capability to search for diverse candidates who are not actively seeking new positions (sourcing of passive candidates).

NEOGOV provides a difficult and cumbersome experience for applicants; it can take over an hour for applicants to apply for a job at King County. Applicants must enter each piece of information from their resume (employer, job title, dates of employment, etc.) into separate text boxes within the application multiple times and also attach their resume and cover letter to the application. The system also times out the application process without saving information before most candidates can type the information into the application, causing frustration and multiple attempts from candidates to apply. In addition, a candidate's experience applying for jobs and participating in the recruitment process at King County varies significantly depending on the department/division advertising the vacancy. There are currently dozens of variations in recruitment processes across the County. They vary depending on the classification of the job, department, position type (e.g., Career Service, TLT, STT) and a number of other factors. This lack of standardization poses legal risk for discrimination claims, detracts from the applicant experience for our external applicants, promotes the feeling of unfair practices with our employees, and makes Countywide reporting unreliable and difficult.

The back-end of NEOGOV is equally difficult for internal recruiters who are managing multiple recruitments with hundreds of applicants. Each step and communication in the process is manually administered by human resources staff. Recruitments can run several months between the time a job is advertised and when the position is filled. Often, candidates who have applied for a King County positions accept other offers or lose interest before the County makes an offer. Additionally, even after the recruitment is complete, recruiters must manually enter a successful candidates' information into the County's HCM/Payroll system (PeopleSoft) upon hire because NEOGOV does not integrate with PeopleSoft.

Our current system also lacks critical sourcing and referral technology to support the process of searching for, identifying and hiring a candidate. NEOGOV has no ability to search for passive candidates or to allow current employees to refer their friends. It has no capability to apply from your mobile device, through social media such as LinkedIn or to post jobs to diversity advertising sites or social media. Mobile smartphone adoption cuts across demographics, ages, and also income levels and is critical to our Equity and Social justice (ESJ) strategic plan to "proactively seek candidates from diverse backgrounds and communities and encourage them to apply." 12% of African Americans and 13% of Latinos are smartphone-dependent (that is their only means of internet access), compared with 4% of whites. Mobile technology could be our best diversity recruiting strategy. Additionally, the Department of Public Health has a separate NEOGOV account from the rest of the County which makes process standardization difficult, system maintenance and upkeep inefficient, and enterprise reporting impossible.

These shortcomings slow our recruit-to-hire processes, go against our culture of innovation, and encourage the next generation of applicants to perceive the County as outdated. As such, it becomes more and more difficult for the County to attract qualified candidates; especially diverse, skilled professionals who are highly sought after. In a county with record low unemployment rates and the highest growth rate in technology employment, archaic recruiting methods and application platforms will simply not attract the quality workforce the County needs.

Vision: To attract diverse, quality candidates, King County must have an ATS that simplifies recruiting and allows us to reach our diverse communities which will make us a place the next generation of employees want to work. A modern ATS allows candidates to apply for positions by simply uploading their social media profile (e.g., LinkedIn) using their smart phone or tablet versus the traditional method of completing a long application.

An ATS with source-to-hire technology allows County recruiters to do more than simply post a job to a web page. It allows recruiters to push out jobs to applicants through social media and sends correspondence automatically to relieve administrative processing. Social media helps reach passive applicants; those who are not currently looking for a job at King County but would be interested in new job openings once informed. Referral technology also allows current employees to send out and refer jobs to their followers, friends, and colleagues in our diverse communities using their social media accounts. These methods could allow the County's job openings to reach thousands more people and consequently increase applicant diversity and quality.

A modern ATS can fully integrate with HCM/Payroll systems (such as PeopleSoft). This would eliminate the manual data entry and allow recruiters to focus on value-added activities such as actively sourcing and recruiting qualified, diverse candidates. This integration would also enable Countywide and individual department/division/section reporting and analytics. Defining and measuring success in a standard format would help recruiters across the County measure their performance and maintain visibility into current practices in order to continuously improve their business processes.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

This project proposes selection and implementation of a single SaaS ATS to support new employee recruitment and improve transparency in internal promotional processes. This system should fully automate the source-to-hire process and integrate with the County's HCM System (PeopleSoft).

Equity and Social Justice Yes

Best Run Government Yes

Budget Request Basis

Project Status

An RFP has been let and responses evaluated by this project team. We have begun contract negotiations with one vendor. The project is funded through contract negotiations and is dependent upon 2017 funding for implementation.

Alternatives Analysis

Funding and Revenue Discussion

King County General Fund

Other Agency Involvement

Art Eligibility

Equity and Social Justice Impact

Strategic Climate Action Plan Alignment

Operating Budget Impacts

Ongoing O&M is \$300K/year (includes vendor support of \$170k with a 2.5% annual increase, approximately 10k annually in KCIT charges, and \$120K annually for a Functional Analyst).

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

DES RALS Records Mgmt Sys Upgd

1129348

Department	EXECUTIVE SERVICES
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3771 OIRM CAPITAL PROJECTS
Class Code	STANDALONE
Substantial Completion	12/31/2018
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$1,393,685	\$0	\$0	\$1,393,685
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$1,393,685	\$0	\$0	\$1,393,685

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39780 - CONTRIB CURRENT EXPENSE	\$1,393,685	\$0	\$0	\$1,393,685
Total Revenue	\$1,393,685	\$0	\$0	\$1,393,685

EXPENSE DES RALS Records Mgmt Sys Upgd 1129348

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$0	\$0	\$0	\$0
2 Prelim Design	\$0		\$0	\$0	\$0	\$0
3 Final Design	\$0		\$0	\$0	\$0	\$0
4 Implementation	\$0		\$1,393,685	\$0	\$0	\$1,393,685
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$0		\$1,393,685	\$0	\$0	\$1,393,685

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$1,393,685	\$1,393,685	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$1,393,685	\$1,393,685	\$0

NARRATIVES

DES RALS Records Mgmt Sys Upgd

1129348

Current Scope

The Records Management System Upgrade Project (led by the Records and Licensing Services (RALS) Division of the Department of Executive Services (DES)) will replace the obsolete Autonomy Records Manager (ARM) software currently used to operate the County's Electronic Records Management System (ERMS). ARM is approaching end of life with vendor support ending in February 2017. This project will ensure that files are migrated from ARM and managed in a new solution that meets records management legal and best practice requirements. The new software will provide County employees with an easy to use system that includes improvements for managing and searching records.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

DES RALS Records Mgmt Sys Upgd

1129348

Project Justification

The King County Electronic Records Management System (KC ERMS) is a customized version of the Autonomy Records Manager (ARM) software, owned by Hewlett Packard (HP). This product is obsolete and HP will terminate support of this software after February 28, 2017. The county uses ARM software to file electronic records from Outlook, shared drives and other file locations. It is also used to manage the inventory and circulation of physical records held in the Records Center for inactive storage. Without project funding countywide records management will be jeopardized in the following ways: - Electronic records, stored in KC ERMS, become inaccessible, unsearchable and potentially permanently irretrievable - Physical records become inaccessible and unable to move through the destruction process - County IT networks are vulnerable to security risks because security patches will cease - The ability to integrate with new technologies and remain compatible with existing technologies will cease due to unsupported software. This will severely restrict agility to the County's IT environment. Government entities, including King County, are legally mandated to maintain and disposition records in accordance with laws. For King County, this includes KCC 2.12, WAC 434-615, WAC 434-635, WAC 434-640, WAC 434-660, WAC 434-661, WAC 434-662, WAC 434-663, WAC 434-670, WAC 434-690. Additional regulations and best practices guide this concept, including the mission statement of King County's Records Management

Program, the King County Strategic Plan, King County initiative for Best Run Government, the Strategic Technology Plan, as well as national and international best practices in the records management industry.

This project will replace the ARM software with a new system better able to meet King County's records management needs while ensuring the continued capture, maintenance, access, and disposition of more than 8.6 million electronic records and the inventory of more than 120 thousand boxes currently managed by the KC ERMS. In addition, a newer technology will be able to support integration with existing and planned enhancements to the county's IT environment and will provide improved usability. The new solution will continue to support best run and transparent government by: * Providing a centralized, secure, and economical repository for the storage of the County's electronic records throughout their lifecycle (i.e. from the time the records are created, throughout their active use until completion of the disposition process), * Managing the inventory, circulation, and disposition of physical records held in the Records Center, * Facilitating the response to public records requests and litigation discovery actions through robust search capabilities, * Supporting compliance with RCW 40.14 Preservation and Destruction of Public Records, WAC 434-663 Imaging Systems, Standards for Accuracy and Durability, and WAC 434-662 Preservation of Electronic Public Records.

There is a risk in not knowing the actual costs for operations and maintenance, which will be outlined in a contract with the vendor, HP, if this project is approved. In the CBA, estimates entered begin with the same O&M cost as our current vendor for the legacy system, increased by 3% per year. The following are risks already mitigated through selecting HP RM as the system to implement and early agency engagement. There is no need to add the associated cost of these risks to the CBA:

1. Migration a. Vendor experience affects time and resources needed. Lack of experience in the size, systems or type of migration will increase the amount of time and resources needed for the migration. b. Mitigation plan: selected a vendor that has experience in migrating at least 3 TB of records between records management systems, preferably the same records management systems affected by this project.
2. Customizations a. More customizations can affect ongoing maintenance of the solution. If a solution needs many and/or major customizations, there could be a risk that system upgrades are more difficult to apply. b. Mitigation plan: when possible, utilize out-of-the-box features and functionality
3. Training a. Agencies may have different black-out dates of when they are unavailable to engage with training b. Mitigation plan: conduct a roll-out for training, engaging with agencies early to plan to train during their off-peak timeframes
4. Legacy system maintenance during project a. Maintaining ongoing operations with legacy system during prior to migration. b. Mitigation plan: Coordinate with KCIT to ensure no changes are made to the county's IT environment that would render KC ERMS inoperable during the migration period. Operate parallel production systems until migration is complete and current users have received training on the new system. Sequence user transition based on established criteria.

Budget Request Basis

Project Status

New.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	DES RALS Records Mgmt Sys Upgd	1129348
Alternatives Analysis		
Funding and Revenue Discussion		
Other Agency Involvement		
Art Eligibility		
N/A		
Equity and Social Justice Impact		
Strategic Climate Action Plan Alignment		
Operating Budget Impacts		
Annual 615k for hardware and various IT consulting (see IT governance documentation for more detail).		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

KCEO Tabulation System Rplc

1129465

Department	ELECTIONS
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3771 OIRM CAPITAL PROJECTS
Class Code	STANDALONE
Substantial Completion	06/30/2017
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$3,165,626	\$0	\$0	\$3,165,626
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$3,165,626	\$0	\$0	\$3,165,626

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$338,618	\$0	\$0	\$338,618
39755 - CONTRIB GO BONDS	\$2,827,008	\$0	\$0	\$2,827,008
Total Revenue	\$3,165,626	\$0	\$0	\$3,165,626

EXPENSE

KCEO Tabulation System Rplc

1129465

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$3,165,626	\$0	\$0	\$3,165,626
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$0	\$0	\$3,165,626	\$0	\$0	\$3,165,626

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$3,165,626	\$3,165,626	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$3,165,626	\$3,165,626	\$0

NARRATIVES

KCEO Tabulation System Rplc

1129465

Current Scope

The Tabulation System Replacement Project (led by the King County Elections Office (KCEO)) will procure and replace the existing tabulation system (GEMS PCS), including the hardware (servers, computers, scanners, adjudication stations, back-up drives, etc.). Implementation of the new system will include onsite vendor support, extensive testing and training as well as documentation of business processes. The current system is operating at its capacity and cannot accommodate any increase in additional registered voters and ballots for tabulation. The XP operating system that hosts the current system is no longer supported by Microsoft.

Project Justification

Current system (GEMS PCS) was implemented in 2009. We are the largest county in the nation using this system. We have the most complex hardware configuration with 16 scanners and 11 adjudication stations. We have exceeded the system's capabilities, meaning it cannot grow any further. The current tabulation system operates on a Windows XP platform. While the system is isolated from the KCWAN, XP is no longer supported by Microsoft. Upgrading the Windows platform will negate the state and federal certification of the tabulation system. The system must be replaced. The risk of not implementing the project is inability to meet the State certification deadline following future election processes.

This new system will mean more timely election results for the public, increased reliability and ultimately greater public confidence. This will be achieved through greater capacity, less re-work, more immediate tabulation to posting, and the potential to skip duplication of alternate format ballots (ballots received via fax or email from overseas and military voters).

Budget Request Basis

Project Status

New

Alternatives Analysis

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	KCEO Tabulation System Rplc	1129465
Funding and Revenue Discussion		
Other Agency Involvement		
Art Eligibility		
Equity and Social Justice Impact		
Strategic Climate Action Plan Alignment		
Operating Budget Impacts		
It's anticipated that there will be an incremental O&M increase associated with an annual license fee. For estimation purposes, the annual O&M is \$230K. Future staff cost savings are not available at this time.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

DCHS Physical Behav Hlth Int 1129637

Department	COMMUNITY AND HUMAN SERVICES
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3771 OIRM CAPITAL PROJECTS
Class Code	STANDALONE
Substantial Completion	12/31/2019
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$4,930,146	\$0	\$0	\$4,930,146
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$4,930,146	\$0	\$0	\$4,930,146

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39796 - CONTRIB OTHER FUNDS	\$4,930,146	\$0	\$0	\$4,930,146
Total Revenue	\$4,930,146	\$0	\$0	\$4,930,146

EXPENSE DCHS Physical Behav Hlth Int 1129637

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$0	\$0	\$0	\$0
2 Prelim Design	\$0		\$0	\$0	\$0	\$0
3 Final Design	\$0		\$0	\$0	\$0	\$0
4 Implementation	\$0		\$4,930,146	\$0	\$0	\$4,930,146
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$0		\$4,930,146	\$0	\$0	\$4,930,146

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$4,930,146	\$4,930,146	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$4,930,146	\$4,930,146	\$0

NARRATIVES

DCHS Physical Behav Hlth Int

1129637

Current Scope

The Physical Behavioral Health Integration Project (led by the Department of Community and Human Services (DCHS)) will expand the King County Behavioral Health Organization data system (implemented on April 1, 2016) into an integrated data system that will support both physical and behavioral health care delivery claims and services. The key components of the integrated model of care will be determined later in the year 2016. These will inform the exact changes to the system that will be needed.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

DCHS Physical Behav Hlth Int

1129637

Project Justification

On March 12, 2014, the Washington State Legislature passed Senate Bill 6312 that changed the way Medicaid-funded health services are purchased and delivered in the state. The legislation called for the integrated purchasing of behavioral health (mental health and substance use disorder) services through a single managed care contract by April 1, 2016 and for the full integration of physical health and behavioral health by January 1, 2020. As an initial step in this process, the state legislation called for aligned purchasing to happen in regional services areas across the state- King County is designated as one of those regional service areas.

In King County, the pathway to full integration is happening in two phases:

- (i) Integrated mental health and substance use disorder services into one managed care contract through a King County Behavioral Health Organization began on April 1, 2016. This change required a data system that integrates the MH and SUD components. This work moved forward as part of the Behavioral Health Integration IT project and the new data system went live on April 1, 2016.
- (ii) Fully integrated care (physical and behavioral health) by 2020.

To ensure that the model of care is one that best meets the needs of our region, King County established and is participating as one of many partners in the Physical and Behavioral Health Integration Design Committee (IDC). The IDC began meeting in November 2015 and will provide a focal point for guiding the development of a model of integrated health care delivery. This model, along with key decisions about the role of King County government in fully integrated managed care, will drive the requirements of a data system to support the integrated health care delivery by 2020.

King County has not yet made the decision as to what role the government will play in fully integrated managed care. However, given the aggressive timeline for implementation, we must be prepared to act quickly when the time comes. As a result, this proposal assumes that King County government will maintain a significant role in the administration and delivery of fully integrated managed care. In this role, the County would take on additional responsibilities and will need a data system that can collect, process, manage, analyze and transmit physical health care claims and service data in addition to the current behavioral health data that is managed as part of the BHO. Furthermore, the system will need to interact more robustly with other data systems including those of Medicaid Managed Care Organizations and Electronic Health Records from various physical and behavioral health care centers. If the County makes a different decision, the nature of this proposal will change.

Budget Request Basis

Project Status

New

Alternatives Analysis

Funding and Revenue Discussion

Other Agency Involvement

Art Eligibility

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

DCHS Physical Behav Hlth Int

1129637

Equity and Social Justice Impact

The vision of an integrated physical and behavioral health care delivery system is that Medicaid enrollees in King County will experience improved health and social outcomes, have a better experience of care and overall per capita health care costs will be decreased. The proposed project will allow King County to collect, process, manage, analyze and transmit required physical and behavioral health care service and claims data as required under fully integrated managed care. It will also allow for more efficient and effective sharing of health care information across providers so that clients receive coordinated care that addresses their whole needs. This will produce better outcomes for clients, reduce duplication and decrease overall health care costs of care.

Strategic Climate Action Plan Alignment

n/a

Operating Budget Impacts

Annual ongoing O&M beginning 2018 (\$327K in 2018 and \$531K/year thereafter)

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

DCHS PH Data Integration

1129638

Department	COMMUNITY AND HUMAN SERVICES
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3771 OIRM CAPITAL PROJECTS
Class Code	STANDALONE
Substantial Completion	12/31/2018
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$2,714,136	\$0	\$0	\$2,714,136
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$2,714,136	\$0	\$0	\$2,714,136

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39796 - CONTRIB OTHER FUNDS	\$2,714,136	\$0	\$0	\$2,714,136
Total Revenue	\$2,714,136	\$0	\$0	\$2,714,136

EXPENSE

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$0	\$0	\$0	\$0
2 Prelim Design	\$0		\$0	\$0	\$0	\$0
3 Final Design	\$0		\$0	\$0	\$0	\$0
4 Implementation	\$0		\$2,714,136	\$0	\$0	\$2,714,136
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$0		\$2,714,136	\$0	\$0	\$2,714,136

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$2,714,136	\$2,714,136	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$2,714,136	\$2,714,136	\$0

NARRATIVES

DCHS PH Data Integration

1129638

Current Scope

The Data Integration Project will integrate client-level data stored within the Department of Community and Human Services (DCHS), Department of Public Health for Seattle and King County (PHSKC), and the Department of Adult and Juvenile Detention (DAJD). PHSKC maintains aggregate population health data (vital statistics, disease surveillance data, community health indicators) and client-level data from emergency medical services, Public Health Centers, Jail Health Services, and Healthcare for the Homeless Network. Client-level Medicaid claims are shared between PHSKC and DCHS. DCHS holds client-level behavioral health, Veteran's, developmental disabilities, and employment services data as well as housing and services data within the Homeless Management Information System (HMIS). Client-level county and municipal jail data are also sent to DCHS. These datasets are not currently integrated either within or between their respective Departments. The new system will enable individual client "lookup" for direct care coordination, identification of high-risk groups based on flexible criteria for system-level care coordination, and extracting datasets for analysis of population health, program evaluation, and costs.

Project Justification

King County Department of Community and Human Services (DCHS) and Public Health Seattle/King County (PHSKC) are increasingly being asked to provide information to support cross-sector care coordination and population-level assessment and evaluation. These needs are especially pressing under the Accountable Community of Health, Best Starts for Kids levy, and MIDD, which fund and oversee cross-sector services and population health initiatives. Also, ESHB 2527, which calls for regional accountability for achieving overall health outcomes, upcoming integration of physical and behavioral healthcare, and King County's Health and Human Services Transformation (Council Motion 13-768) speak to the need for cross-sector data to support direct care, identify high risk individuals/groups for care coordination, and measure progress of policies and programs towards improving population health and eliminating disparities.

Budget Request Basis

Project Status

New

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	DCHS PH Data Integration	1129638
Alternatives Analysis		
Funding and Revenue Discussion		
Other Agency Involvement		
Public Health		
Art Eligibility		
Equity and Social Justice Impact		
ESHB 2527--which calls for regional accountability for achieving overall health outcomes, upcoming integration of physical and behavioral healthcare, and King County's Health and Human Services Transformation (Council Motion 13-768)--necessitates cross-sector data to support direct care, identify high risk individuals/groups for care coordination, and measure progress of policies and programs towards improving population health and eliminating disparities. The proposed Data Integration IT solution will address these needs by providing integrated client-level health and human services data that is actionable for both direct care and population-level analysis. As a result, providers will have information needed regarding client housing, health, and behavioral healthcare utilization to make appropriate and efficient care decisions, such as treatment plan and care coordination. The system would provide structures for extracting datasets for clarifying health and social needs, identifying disparities, and measuring progress of specific policies and programs towards equity and improving the well-being of individuals and communities.		
Strategic Climate Action Plan Alignment		
n/a		
Operating Budget Impacts		
Ongoing O&M beginning 2018, with \$176K in 2018 and \$279K/year post 2018.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

DOT Fleet Vehicle Loc for NRV

1129703

Department	INFORMATION TECHNOLOGY
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3771 OIRM CAPITAL PROJECTS
Class Code	STANDALONE
Substantial Completion	
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$1,781,050	\$0	\$0	\$1,781,050
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$1,781,050	\$0	\$0	\$1,781,050

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39796 - CONTRIB OTHER FUNDS	\$1,781,050	\$0	\$0	\$1,781,050
Total Revenue	\$1,781,050	\$0	\$0	\$1,781,050

EXPENSE

DOT Fleet Vehicle Loc for NRV

1129703

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$0	\$0	\$0	\$0
2 Prelim Design	\$0		\$0	\$0	\$0	\$0
3 Final Design	\$0		\$0	\$0	\$0	\$0
4 Implementation	\$0		\$1,781,050	\$0	\$0	\$1,781,050
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$0		\$1,781,050	\$0	\$0	\$1,781,050

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$1,781,050	\$1,781,050	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$1,781,050	\$1,781,050	\$0

NARRATIVES

DOT Fleet Vehicle Loc for NRV

1129703

Current Scope

The Automatic Vehicle Location (AVL) for Non-Revenue Vehicles Project (led by the Fleet Administration Division of the Department of Transportation) will procure and implement a countywide AVL solution to outfit approximately 1,600 non-revenue vehicles used by the Transit and Airport divisions of the Department of Transportation (DOT) and the Solid Waste Division of the Department of Natural Resources and Parks (DNRP). Major project components include installing telematics hardware on the vehicles to capture vehicle location and information such as odometer readings, frequency of use, idle time, engine state, status of vehicle hardware (e.g., plow and sweeper blades, sanding equipment), among others. Additional components include a software interface to view real-time data in a cloud-based platform. The project scope also includes integrating AVL with the County's existing enterprise asset management systems including FASTER and Cityworks.

Project Justification

The April 2015 performance audit of King County's light duty fleet found decision-makers lack timely, consistent data on vehicle use limiting our ability to manage the fleet strategically. Fleet Administration (Fleet) is responding to the King County Auditor's recommendation with an initiative to implement Automatic Vehicle Location (AVL). This project is designed to automate and expand data collection to drive decisions on issues including: right-sizing the fleet, minimizing fuel consumption and greenhouse gas emissions, and leaner management of field operations. In recent years, the increased demand for AVL has led agencies to explore and pilot individualized solutions. This effort will allow King County to pursue a consistent, enterprise-wide system to address the County's needs holistically.

This project supports the King County's strategic priorities including "Quality Local Government" and "Efficient Accountable Regional Local Government" by fostering transparent decision-making validated by timely and accurate data. Additionally, efforts to reduce costs and greenhouse gas emissions support the County's strategic initiatives including the Strategic Climate Action Plan and Best Run Government.

Budget Request Basis

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	DOT Fleet Vehicle Loc for NRV	1129703
Project Status		
New		
Alternatives Analysis		
Funding and Revenue Discussion		
This project is funded by Fleet Administration, Metro Transit, Solid Waste, and Airport. Costs will be allocated between agencies based on vehicle count.		
Other Agency Involvement		
Art Eligibility		
Equity and Social Justice Impact		
NA		
Strategic Climate Action Plan Alignment		
This project furthers progress toward the SCAP's Transportation and Land Use target to reduce net energy consumption in vehicle operations by 10 percent by 2020. Ready access to data will create more capacity for agencies to analyze trends in vehicle use and identify opportunities to reduce costs and greenhouse gas emissions.		
Operating Budget Impacts		
After implementation, this project is estimated to cost approximately \$550,000/year for the service contract and hardware lease. This is estimated at \$336/year per vehicle.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

DAJD DAN Phase III		1129762
Department	ADULT AND JUVENILE DETENTION	
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9	
Fund	3771 OIRM CAPITAL PROJECTS	
Class Code	STANDALONE	
Substantial Completion	09/30/2018	
Location	500 5TH AVE, Seattle 98104: King County Correctional Facility	
Cap Status	Approved	

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$1,052,755	\$0	\$0	\$1,052,755
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$1,052,755	\$0	\$0	\$1,052,755

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39780 - CONTRIB CURRENT EXPENSE	\$1,052,755	\$0	\$0	\$1,052,755
Total Revenue	\$1,052,755	\$0	\$0	\$1,052,755

EXPENSE

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$0	\$0	\$0	\$0
2 Prelim Design	\$0		\$0	\$0	\$0	\$0
3 Final Design	\$0		\$0	\$0	\$0	\$0
4 Implementation	\$0		\$1,052,755	\$0	\$0	\$1,052,755
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$0		\$1,052,755	\$0	\$0	\$1,052,755

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$1,052,755	\$1,052,755	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$1,052,755	\$1,052,755	\$0

NARRATIVES

DAJD DAN Phase III

1129762

Current Scope

The Distributed Antenna Network (DAN) Phase III Project (led by the Department of Adult and Juvenile Detention (DAJD)) is a follow on project to DAN Phase I and DAN Phase II. All three projects have one primary purpose of eliminating the 800 MHz communication "dead spots" throughout the King County Correctional Facility (KCCF) and enhancing future 800 MHz capabilities by connecting the facility to the Seattle Simulcast System. These dead spots in the building do not allow DAJD staff to communicate with KCCF's Central Control in areas such as the elevators and stairwells resulting in a public safety issue. Completed in 2012, DAN Phase I provided a design for a small scale proof of concept and addressed the 800 MHz "dead spots" on floors 1-3. Slated for completion in 2016, DAN Phase II is addressing the 800 MHz "dead spots" on floors 4-7. DAN Phase III will address the remaining floors 8-12 and connect to the Seattle Simulcast System that will serve all 12 floors of the building.

Project Justification

The King County Department of Adult and Juvenile Detention (DAJD) has for years experienced radio communication "dead spots" within the King County Correction Facility (KCCF) Building. These "dead spots" in the building do not allow DAJD staff to communicate with KCCF's Central Control in areas such as the elevators and stairwells resulting in a public safety issue. DAN Phase I and II (upon completion) have addressed these "dead spots" on floors 1 through 7 leaving floors 8 through 12 that still need enhanced 800MHz communication. Once all of the floors have been upgraded, the entire building will be connected to the Seattle Simulcast System that allows for additional 800 MHz connectivity. Upon completion of Phase III, the entire KCCF facility will have a communications "backbone" that meets current and future business infrastructure requirements for DAJD. By providing DAJD staff with consistent connectivity to their KCCF Central Control Center, the project will address a life-safety issue within KCCF. From an Operations perspective, KCCF would not be in a position to migrate to the Seattle Simulcast System unless the entire facility could support and benefit from this change.

Budget Request Basis

Project Status

New

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	DAJD DAN Phase III	1129762
Alternatives Analysis		
Funding and Revenue Discussion		
Other Agency Involvement		
n/a		
Art Eligibility		
Equity and Social Justice Impact		
This project will improve the safety for both King County Corrections employees and allow for the safety and security of the inmate population by improving the communication network and eliminating "dead zones" within the secure environment.		
Strategic Climate Action Plan Alignment		
n/a		
Operating Budget Impacts		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

DAJD Jail Management System

1129763

MPA Reporting

Department	ADULT AND JUVENILE DETENTION
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3771 OIRM CAPITAL PROJECTS
Class Code	STANDALONE
Substantial Completion	06/30/2020
Location	500 5TH AVE, Seattle 98104: King County Correctional Facility
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$12,189,034	\$0	\$0	\$12,189,034
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$12,189,034	\$0	\$0	\$12,189,034

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39755 - CONTRIB GO BONDS	\$12,189,034	\$0	\$0	\$12,189,034
Total Revenue	\$12,189,034	\$0	\$0	\$12,189,034

EXPENSE

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$4,249,236	\$7,939,798	\$0	\$12,189,034
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$0	\$0	\$4,249,236	\$7,939,798	\$0	\$12,189,034

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$12,189,034	\$4,249,236	\$7,939,798
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$12,189,034	\$4,249,236	\$7,939,798

NARRATIVES

DAJD Jail Management System

1129763

Current Scope

The Jail Management System (led by the Department of Adult and Juvenile Detention (DAJD)) will procure a new, comprehensive and integrated jail management system to equip DAJD with the tools that will help it to achieve more effective and efficient jail operations. The new system will replace a system that has been in place since 1974 and includes dozens of disjointed applications and hundreds of highly inefficient, manual processes. For example, new capabilities will include automated calculation of inmate release date, increase data accuracy, and reduce time spent on locating files and manual processing.

Project Justification

This project will ensure that DAJD is investing funds in a technology infrastructure that supports future flexibility and growth as the Department's business needs evolve.

Budget Request Basis

Project Status

New

Alternatives Analysis

Funding and Revenue Discussion

General fund request

Other Agency Involvement

DAJD and KCIT

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	DAJD Jail Management System	1129763
Art Eligibility		
IT Project not eligible for art.		
Equity and Social Justice Impact		
Strategic Climate Action Plan Alignment		
Operating Budget Impacts		
Ongoing O&M of \$3,359,481 includes (a) IT Internal Service cost of \$1,445,833 in 2020-2024 and (b) Hardware/Software cost of \$1,913,648 in 2021-2024.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

DES RALS Hire License Sys Col

1129863

Department	EXECUTIVE SERVICES
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3771 OIRM CAPITAL PROJECTS
Class Code	STANDALONE
Substantial Completion	12/31/2017
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$166,500	\$0	\$0	\$166,500
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$166,500	\$0	\$0	\$166,500

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39780 - CONTRIB CURRENT EXPENSE	\$166,500	\$0	\$0	\$166,500
Total Revenue	\$166,500	\$0	\$0	\$166,500

EXPENSE

DES RALS Hire License Sys Col

1129863

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$166,500	\$0	\$0	\$166,500
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$0	\$0	\$166,500	\$0	\$0	\$166,500

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$166,500	\$166,500	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$166,500	\$166,500	\$0

NARRATIVES

DES RALS Hire License Sys Col

1129863

Current Scope

The Records and Licensing Services (RALS) Division of the King County Department of Executive Services (DES) is partnering with the City of Seattle on a For-Hire Licensing System Collaboration Project. The project will procure and implement a shared system that meets the needs of both RALS and the City. The City will host the software and take the lead on project management and contracting. RALS will provide project support to manage the County's project needs and facilitate implementation for the County functions. Specifically, the new system will support the regulatory functions of the For-hire Licensing Unit, including (a) licensing for-hire transportation companies, vehicles and drivers; (b) licensing taxi and for-hire vehicles and drivers; (c) processing applications for registering process servers; and potentially, (d) other business licensing functions. Expected benefits include:

- Seamless access between City and County users
- Customer facing web portals (B2G and C2G)
- Secure Web environments and data
- More efficient application processing

Project Justification

King County Code 6.64 establishes Records and Licensing Services (RALS) as the regulatory agency for for-hire transportation in King County. Seattle's Regulatory Compliance & Consumer Protection Section and RALS both rely on separate, "homegrown" tools built in Microsoft Access to manage their for-hire transportation licensing and regulatory business processes. Modern systems are capable of managing the electronic application process and customer relationship, from beginning to end (customer creation to staff review and approval), from a new or renewal application to an information update or vehicle change, using web enabled tools that are not available in the current environment. A new licensing system, shared by both agencies, hosted by the City, configured to meet current business needs will enable online customer facing license applications. Data extracts and reporting will be easier and more efficient to run. Customer contacts and applicant files will be organized and available electronically. Existing systems do not meet business needs; they do not share information which prevents staff in both agencies from accessing data and information stored in the other agency's system. Web access is not a current option. Both systems do not meet current data security standards. The County's system tracks driver application data electronically yet application submittal and review processes remain almost entirely paper based because the system does not automate workflow. Customers expect the ability to apply online but current online applications are limited to editable PDFs.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	DES RALS Hire License Sys Col	1129863
Budget Request Basis		
Project Status		
The City has gone through vendor selection and has initiated their implementation period. In the for hire process the City is responsible for some aspects of the approval process and the County is responsible for the remainder. The City is going forward with this project and new system.		
Alternatives Analysis		
Funding and Revenue Discussion		
King County General Fund		
Other Agency Involvement		
Art Eligibility		
Equity and Social Justice Impact		
Strategic Climate Action Plan Alignment		
Operating Budget Impacts		
The City has agreed to pay all ongoing system expenses.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

PSB Hyperion Upgrade 1129910

Department	COUNTY EXECUTIVE
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3771 OIRM CAPITAL PROJECTS
Class Code	STANDALONE
Substantial Completion	12/31/2017
Location	401 5th Ave, Seattle 98104: Office of Performance, Strategy and Budget
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$1,108,081	\$0	\$0	\$1,108,081
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$1,108,081	\$0	\$0	\$1,108,081

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39796 - CONTRIB OTHER FUNDS	\$1,108,081	\$0	\$0	\$1,108,081
Total Revenue	\$1,108,081	\$0	\$0	\$1,108,081

EXPENSE PSB Hyperion Upgrade 1129910

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$1,108,081	\$0	\$0	\$1,108,081
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$0	\$0	\$1,108,081	\$0	\$0	\$1,108,081

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$1,108,081	\$1,108,081	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$1,108,081	\$1,108,081	\$0

NARRATIVES

PSB Hyperion Upgrade

1129910

Current Scope

The Hyperion Upgrade Project (led by the Office of Performance, Strategy, and Budget (PSB)) will upgrade the County's Hyperion budget system to the most recent, stable version, mitigating the risk of the system's incompatibility with the latest versions of Internet Explorer, Microsoft Excel, and Java used by most of the County's Hyperion users, which could cause system issues during the 2019-2020 budget process. The upgrade will also provide enhanced functions and features, making the system more user-friendly.

Project Justification

Budget Request Basis

Project Status

New

Alternatives Analysis

Funding and Revenue Discussion

From BRC reserve

Other Agency Involvement

PSB and BRC

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	PSB Hyperion Upgrade	1129910
Art Eligibility		
Equity and Social Justice Impact		
N/A		
Strategic Climate Action Plan Alignment		
N/A		
Operating Budget Impacts		
On going annual Operation and Maintenance cost of \$117,000.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

KCSC ITA Court Video Improve

1130197

Department	SUPERIOR COURT
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3771 OIRM CAPITAL PROJECTS
Class Code	STANDALONE
Substantial Completion	12/31/2017
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$254,545	\$0	\$0	\$254,545
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$254,545	\$0	\$0	\$254,545

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39796 - CONTRIB OTHER FUNDS	\$254,545	\$0	\$0	\$254,545
Total Revenue	\$254,545	\$0	\$0	\$254,545

EXPENSE KCSC ITA Court Video Improve 1130197

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$0	\$0	\$0	\$0
2 Prelim Design	\$0		\$0	\$0	\$0	\$0
3 Final Design	\$0		\$0	\$0	\$0	\$0
4 Implementation	\$0		\$254,545	\$0	\$0	\$254,545
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$0		\$254,545	\$0	\$0	\$254,545

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$254,545	\$254,545	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$254,545	\$254,545	\$0

NARRATIVES

KCSC ITA Court Video Improve

1130197

Current Scope

The King County Superior Court (KCSC) Involuntary Treatment Act (ITA) Court Video Improvement Project will upgrade Superior Court's video conferencing equipment and infrastructure in order to maintain and enhance the viability of video hearings for ITA Court. The current equipment will soon be nearing end-of-life and is not scalable for future expansion; the current system also provides sub-optimal audio connections with patients and their attorneys. The project includes upgrades to infrastructure, three new mobile video carts, upgrades to all existing video equipment at the hospital endpoints, and setting up a new video system in Swedish Ballard. There will be a total of 9 video conferencing sites at 7 hospitals.

Project Justification

Superior Court's Involuntary Treatment Act (ITA) Court's video conferencing equipment will soon be nearing end-of-life and is not scalable for future expansion; the current system also provides sub-optimal audio connections with patients and their attorneys would benefit from enhancement via updated technology. Video conferencing between hospitals and ITA court saves money by not having to transport and supervise people to and from hospitals and ITA court. This is an operating efficiency which requires proper technology to make it possible. The project is consistent with Safety and Justice, Health & Human Services, and Efficient Accountable Regional and Local Government Goals in the King County Strategic Plan. If the project is not implemented, the current equipment could fail, requiring transport to the court, and future expansion would not be possible.

Budget Request Basis

The infrastructure used for ITA court video conferencing was pieced together when this started as a pilot project with just one hospital. Now that it is expanding, and creating cost savings via fewer ambulance transports, the infrastructure and equipment needs to be updated to handle expanded use that is reliable. The total request is \$254,545, which includes the following:

- \$137,845 for upgrading the infrastructure that supports video conferencing
- \$30,000 for 3 mobile video carts
- \$76,700 to upgrade all video equipment
- \$10,000 for video equipment at Swedish Ballard

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	KCSC ITA Court Video Improve	1130197
Project Status		
New		
Alternatives Analysis		
A recent proviso, 2016-0212, addressed the options available to the county to continue the practice of transporting individuals from evaluation and treatment facilities to Involuntary Treatment Act court in the Ninth and Jefferson Building on the Harborview Medical Center campus and on county expenditures related to video appearances for ITA court respondent. Superior Court selected the specific equipment on the advice of the vendor. KCIT supports the selection.		
Funding and Revenue Discussion		
The project will be funded by the Behavioral Health Organization (BHO) – DCHS.		
Other Agency Involvement		
This will be a collaboration between Superior Court and King County IT. ITA Court involves the collaboration of several King County agencies: Superior Court, Department of Judicial Administration (DJA), Prosecuting Attorney’s Office (PAO), Department of Public Defense (DPD), and Department of Community and Human Services (DCHS), as well as Harborview and several area hospitals.		
Art Eligibility		
This is an equipment replacement project.		
Equity and Social Justice Impact		
Positive ESJ impacts are expected from project implementation. ITA court serves some of the most vulnerable people in society, those with mental illness. Most stakeholders consider Video Court to be an improvement in service compared to transporting individuals from hospitals to the court, where they may be strapped on gurneys awaiting their hearing. The recent proviso report, 2016-2012, explained the benefits of video court and also addressed potential concerns.		
Strategic Climate Action Plan Alignment		
Operating Budget Impacts		
No impact		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

KCIT DSS REPLACEMENT

1047605

Department	INFORMATION TECHNOLOGY
Council District(s)	
Fund	3781 ITS CAPITAL
Class Code	KCIT ITS Equipment Replacement
Substantial Completion	12/31/2018
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$2,193,894	\$2,655,575	\$0	\$0	\$4,849,469
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$2,193,894	\$2,655,575	\$0	\$0	\$4,849,469

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39753 - CONTRIB ITS	\$2,655,576	\$0	\$0	\$2,655,576
Total Revenue	\$2,655,576	\$0	\$0	\$2,655,576

EXPENSE KCIT DSS REPLACEMENT 1047605

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$0	\$0	\$0	\$0
2 Prelim Design	\$0		\$0	\$0	\$0	\$0
3 Final Design	\$0		\$0	\$0	\$0	\$0
4 Implementation	\$999,614	\$1,194,280	\$2,655,575	\$0	\$0	\$4,849,469
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$999,614	\$1,194,280	\$2,655,575	\$0	\$0	\$4,849,469

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$999,614	\$2,193,894	\$2,193,894
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$999,614	\$2,193,894	\$2,193,894

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$2,655,575	\$2,655,575	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$2,655,575	\$2,655,575	\$0

NARRATIVES

KCIT DSS REPLACEMENT

1047605

Current Scope

As part of the Distributed System Services (DSS) Replacement Project, the King County Information Technology (KCIT) Department will replace platform infrastructure equipment used mostly by applications (i.e., servers, storage, backup, and equipment that supports cloud technology where some applications reside). This equipment replacement project is in line with KCIT's internal policies and industry best practice related to replacing capital equipment that has reached the end of its useful life.

Project Justification

The request is to increase the budget for the server replacement project.

Budget Request Basis

The amount is determined based on the available server ER funds included in the KCIT rates in 2017/2018.

Project Status

N/A

Alternatives Analysis

N/A

Funding and Revenue Discussion

The request will be funded by the KCIT central rates.

Other Agency Involvement

N/A

Art Eligibility

N/A

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	KCIT DSS REPLACEMENT	1047605
Equity and Social Justice Impact		
Strategic Climate Action Plan Alignment		
Operating Budget Impacts		
N/A		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

KCIT WAN REPLACEMENT

1047610

Department	INFORMATION TECHNOLOGY
Council District(s)	
Fund	3781 ITS CAPITAL
Class Code	KCIT ITS Equipment Replacement
Substantial Completion	12/31/2018
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$5,252,369	\$1,000,000	\$0	\$0	\$6,252,369
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$5,252,369	\$1,000,000	\$0	\$0	\$6,252,369

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39753 - CONTRIB ITS	\$1,000,000	\$0	\$0	\$1,000,000
Total Revenue	\$1,000,000	\$0	\$0	\$1,000,000

EXPENSE

KCIT WAN REPLACEMENT

1047610

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$33,504		\$0	\$0	\$0	\$33,504
2 Prelim Design	\$0		\$0	\$0	\$0	\$0
3 Final Design	\$0		\$0	\$0	\$0	\$0
4 Implementation	\$3,016,540	\$1,000,000	\$2,202,325	\$0	\$0	\$6,218,865
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$3,050,044	\$1,000,000	\$2,202,325	\$0	\$0	\$6,252,369

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$33,504	\$0	\$33,504
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$3,016,540	\$5,252,369	\$4,016,540
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$3,050,044	\$5,252,369	\$4,050,044

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$33,504)	\$0	\$0	(\$33,504)
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$1,235,829	\$1,000,000	\$2,202,325	\$33,504
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$1,202,325	\$1,000,000	\$2,202,325	\$0

NARRATIVES

KCIT WAN REPLACEMENT

1047610

Current Scope

As part of the Wide Area Network (WAN) Replacement Project, the King County Information Technology (KCIT) Department will replace various equipment used to provide network connections that enable County agencies to access specialized business applications, desktop business applications such as Skype for Business, Lync phones, and Cloud services. This equipment replacement project is in line with KCIT's internal policies and industry best practice related to replacing capital equipment that reached the end of its useful life.

Project Justification

The request is to replace the network equipment based on its useful life.

Budget Request Basis

The request is determined based on the available network ER funds in the KCIT rates for 2017 and 2018

Project Status

N/A

Alternatives Analysis

N/A

Funding and Revenue Discussion

The request will be funded from the KCIT rates

Other Agency Involvement

N/A

Art Eligibility

N/A

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	KCIT WAN REPLACEMENT	1047610
Equity and Social Justice Impact		
Strategic Climate Action Plan Alignment		
Operating Budget Impacts		
N/A		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

KCIT I-Net ER **1129570**

Department	INFORMATION TECHNOLOGY
Council District(s)	
Fund	3781 ITS CAPITAL
Class Code	KCIT ITS Equipment Replacement
Substantial Completion	12/31/2018
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$691,456	\$0	\$0	\$691,456
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$691,456	\$0	\$0	\$691,456

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
45715 - CONTRIB I NET	\$691,456	\$0	\$0	\$691,456
Total Revenue	\$691,456	\$0	\$0	\$691,456

EXPENSE **KCIT I-Net ER** **1129570**

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$0	\$0	\$0	\$0
2 Prelim Design	\$0		\$0	\$0	\$0	\$0
3 Final Design	\$0		\$0	\$0	\$0	\$0
4 Implementation	\$0		\$691,456	\$0	\$0	\$691,456
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$0		\$691,456	\$0	\$0	\$691,456

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$691,456	\$691,456	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$691,456	\$691,456	\$0

NARRATIVES

KCIT I-Net ER

1129570

Current Scope

As part of the Institutional Network (I-Net) Equipment Replacement (ER) Project, the King County Information Technology (KCIT) Department will replace various network equipment used to provide regional network connectivity for County agencies, as well as many other government and nonprofit agencies. This equipment replacement project is in line with KCIT's internal policies and industry best practice related to replacing capital equipment that reached the end of its useful life.

Project Justification

The request is to replace the I-Net equipment that is at the end of its useful life.

Budget Request Basis

The amount is determined based on funds available from the I-Net operating fund/rate to support the 2017/18 equipment replacement.

Project Status

N/A

Alternatives Analysis

N/A

Funding and Revenue Discussion

Other Agency Involvement

Art Eligibility

N/A

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	KCIT I-Net ER	1129570
Equity and Social Justice Impact		
Strategic Climate Action Plan Alignment		
Operating Budget Impacts		
Increase in the I-Net operating fund (000004531) to transfer funds to support the equipment replacement project.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

SW CERP CAPITAL REPAIRS

1033485

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3810 SW CAP EQUIP REPLACEMENT
Class Code	STANDALONE
Substantial Completion	
Location	Countywide
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$13,792,707	\$2,400,000	\$3,400,000	\$3,400,000	\$22,992,707
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$4,901	\$0	\$0	\$0	\$4,901
Total Budget	\$13,797,608	\$2,400,000	\$3,400,000	\$3,400,000	\$22,997,608

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
17275 - TRANSFERS IN	\$2,400,000	\$0	\$0	\$2,400,000
Total Revenue	\$2,400,000	\$0	\$0	\$2,400,000

EXPENSE SW CERP CAPITAL REPAIRS 1033485

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$3,096,091	\$0	\$0	\$0	\$0	\$3,096,091
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$66	\$0	\$0	\$0	\$0	\$66
4 Implementation	\$8,426,328	\$1,000,000	\$3,400,000	\$3,400,000	\$3,400,000	\$19,626,328
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$4,969	\$0	\$0	\$0	\$0	\$4,969
Total Expense	\$11,527,454	\$1,000,000	\$3,400,000	\$3,400,000	\$3,400,000	\$22,727,454

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$3,096,091	\$0	\$3,096,091
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$66	\$0	\$66
4 Implementation	\$0	\$0	\$8,426,328	\$13,792,707	\$9,426,328
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$4,969	\$4,901	\$4,969
Total	\$0	\$0	\$11,527,454	\$13,797,608	\$12,527,454

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$3,096,091)	\$0	\$0	(\$3,096,091)
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	(\$66)	\$0	\$0	(\$66)
4 Implementation	\$4,366,379	\$2,400,000	\$3,400,000	\$3,366,379
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	(\$68)	\$0	\$0	(\$68)
Total	\$1,270,154	\$2,400,000	\$3,400,000	\$270,154

NARRATIVES

SW CERP CAPITAL REPAIRS

1033485

Current Scope

Capital Equipment Recovery Program Capital Repairs - This project will provide for the major repairs and rebuild of Solid Waste Division rolling stock (refuse trailers, dozers, etc.). The purpose of the Capital Equipment Recovery Program (CERP) is to provide adequate resources for replacement and major maintenance of solid waste rolling stock and compactors.

Project Justification

This project will provide funding to perform major rebuilds rather than replace equipment. Rebuilding certain classifications of equipment has been determined to be a cost effective way to extend its useful life. By accumulating funds in the CERP, the division ensures that it is able to cover the variable expenditures that come with replacing needed equipment even while revenue fluctuates.

Budget Request Basis

The CERP repair project is proposed at \$3.4 million in 2017-2018, an increase of \$0.7M from 2015-2016. This estimate was prepared using maintenance records for the fleet, and recommended rebuild intervals.

Project Status

N/A

Alternatives Analysis

N/A

Funding and Revenue Discussion

N/A

Other Agency Involvement

None.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	SW CERP CAPITAL REPAIRS	1033485
Art Eligibility		
No. Maintenance and Equipment Replacement.		
Equity and Social Justice Impact		
Not applicable to project.		
Strategic Climate Action Plan Alignment		
N/A		
Operating Budget Impacts		
Contributions for the CERP come from tonnage revenues in the Solid Waste Operating Fund (appropriation unit A72000). Contributions are targeted to cover planned expenditures and maintain a fund balance of 15% of the total replacement value of all CERP equipment.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

SW CERP EQ REPLACEMNT PURCHASE

1033487

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3810 SW CAP EQUIP REPLACEMENT
Class Code	STANDALONE
Substantial Completion	
Location	Countywide
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$2,302,107	\$0	\$0	\$0	\$2,302,107
4 Implementation	\$86,336,975	\$13,400,000	\$13,400,000	\$8,835,000	\$121,971,975
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$4,822,508	\$0	\$0	\$0	\$4,822,508
Total Budget	\$93,461,590	\$13,400,000	\$13,400,000	\$8,835,000	\$129,096,590

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
17275 - TRANSFERS IN	\$13,400,000	\$0	\$0	\$13,400,000
Total Revenue	\$13,400,000	\$0	\$0	\$13,400,000

EXPENSE SW CERP EQ REPLACEMNT PURCHASE 1033487

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$2,302,107	\$0	\$0	\$0	\$0	\$2,302,107
4 Implementation	\$72,510,183	\$3,000,000	\$17,385,000	\$15,289,000	\$9,502,850	\$117,687,033
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$7,500,386	\$0	\$0	\$0	\$0	\$7,500,386
Total Expense	\$82,312,676	\$3,000,000	\$17,385,000	\$15,289,000	\$9,502,850	\$127,489,526

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$2,302,107	\$2,302,107	\$2,302,107
4 Implementation	\$0	\$0	\$72,510,183	\$86,336,975	\$75,510,183
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$7,500,386	\$4,822,508	\$7,500,386
Total	\$0	\$0	\$82,312,676	\$93,461,590	\$85,312,676

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$10,826,792	\$13,400,000	\$17,385,000	\$6,841,792
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	(\$2,677,878)	\$0	\$0	(\$2,677,878)
Total	\$8,148,914	\$13,400,000	\$17,385,000	\$4,163,914

NARRATIVES

SW CERP EQ REPLACEMNT PURCHASE

1033487

Current Scope

Capital Equipment Recovery Program Equipment Replacement Purchase - The purpose of the Capital Equipment Recovery Program (CERP) is to provide adequate resources for replacement and major maintenance of solid waste rolling stock and compactors. This project supports the replacement of Solid Waste equipment purchased after 1981. A separate fund was created and annual contributions are made to it from the operating fund in order to replace heavy equipment items as scheduled in the Equipment Replacement Plan.

Project Justification

This project provides funding to replace equipment at the end of its economic life. By accumulating funds in the CERP, the division ensures that it is able to cover the variable expenditures that come with replacing needed equipment even while revenue fluctuates.

Budget Request Basis

In an attempt to reduce spending, replacement of many assets has been deferred over the past few years. Those assets are now beyond their useful life. Increased contributions to the CERP now will allow the division to bring equipment into their normal life cycles and reduce maintenance costs.

Project Status

N/A

Alternatives Analysis

SWD evaluated the condition of 191 pieces of equipment in the CERP program which were at or near the end of their service life, and for which rebuild was not a preferred option. These were grouped into three tiers with Tier I meaning replacement needed, Tier 2 meaning there is room for discussion, and Tier 3 indicating a potential to push that equipment into the next budget cycle. This budget request covers only the highest replacement priority items (Tier I).

Funding and Revenue Discussion

N/A

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	SW CERP EQ REPLACEMNT PURCHASE	1033487
Other Agency Involvement		
DOT/Fleet assists with vehicle purchases.		
Art Eligibility		
No. Equipment replacement.		
Equity and Social Justice Impact		
Equipment purchases are coordinated through King County procurement using established procedures to be fair and equitable.		
Strategic Climate Action Plan Alignment		
Not applicable; equipment replacement.		
Operating Budget Impacts		
Catch up on the deferred replacement of assets requires increased contributions to the CERP Fund. CERP contributions come from SWD rates in the operating fund (A72000) and are proposed at \$13.8M, an increase of \$6.8M over the prior biennium. The contribution level is calculated to cover planned expenditures, and maintain fund balance in an amount approximating 15% of the replacement value of all equipment in the program.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

WLR FARMLAND LEASE

1034868

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3840 FARMLAND & OPEN SPACE ACQ
Class Code	STANDALONE
Substantial Completion	
Location	Countywide
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$12,282	\$0	\$0	\$0	\$12,282
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$75,093	\$0	\$0	\$75,093
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$356,083	\$0	\$0	\$0	\$356,083
Total Budget	\$368,365	\$75,093	\$0	\$0	\$443,458

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
36290 - OTHER RENTS USE CHARGES	\$38,088	\$0	\$0	\$38,088
36999 - OTHER MISC REVENUE	\$37,005	\$0	\$0	\$37,005
Total Revenue	\$75,093	\$0	\$0	\$75,093

EXPENSE

WLR FARMLAND LEASE

1034868

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$363	\$0	\$0	\$0	\$0	\$363
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$6,015	\$0	\$43,103	\$0	\$0	\$49,118
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$20,233	\$0	\$1,154,270	\$0	\$0	\$1,174,503
Total Expense	\$26,611	\$0	\$1,197,373	\$0	\$0	\$1,223,984

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$363	\$12,282	\$363
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$6,015	\$0	\$6,015
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$20,233	\$356,083	\$20,233
Total	\$0	\$0	\$26,611	\$368,365	\$26,611

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$11,919	\$0	\$0	\$11,919
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	(\$6,015)	\$75,093	\$43,103	\$25,975
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$335,850	\$0	\$1,154,270	(\$818,420)
Total	\$341,754	\$75,093	\$1,197,373	(\$780,526)

NARRATIVES

WLR FARMLAND LEASE

1034868

Current Scope

Farmland Lease - This project is for planned improvements including soil amendments, well, fence repairs, drainage improvements, and access road improvements on county owned agricultural lands that are leased to farmers.

Project Justification

The county purchased agricultural land in order to promote local agriculture business. In order to maintain the farms in working condition, and leasable to farmers, the collection of lease funds is used for maintenance of the properties.

Budget Request Basis

Budget based on estimated rental revenues from leased farmland to be used for maintenance of said farms.

Project Status

Improvements at Green River and Sammamish farms which is part of the work plan for implementing the Local Food Initiative.

Alternatives Analysis

Alternatives considered are: Single Alternative.

Funding and Revenue Discussion

This project is funded by rental revenues from leased farmland.

Other Agency Involvement

N/A

Art Eligibility

No. No, this project is not eligible for 1% Art. Project is for real estate acquisition and maintenance of agricultural lands only.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

WLR FARMLAND LEASE

1034868

Equity and Social Justice Impact

This project provides farming opportunities to the general public.

Strategic Climate Action Plan Alignment

This project directly contribute toward the 2015 Strategic Climate Action Plan (SCAP) goal to protect and conserve high-priority agricultural land. Funds from the program will protect existing farmland and contribute toward the target of adding an additional 400 acres of productive farmland annually through 2024. Enhanced management of King County owned farmland will increase farm production potential and acres suitable for farming as well as provide technical assistance to private farmers leasing those lands to support sustainable farming practices. Increased production of farm products in King County significantly reduces energy consumption required to transport similar products from distant production regions.

Operating Budget Impacts

No operating impact.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

RSD EMERGENT NEED 3855

1129582

Department	TRANSPORTATION
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3855 COUNTY ROAD MAJOR MAINTENANCE
Class Code	ADMIN
Substantial Completion	12/31/2018
Location	Administrative
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation 01/01/17 - 12/31/18	\$0	\$2,500,000	\$1,550,000	\$1,400,000	\$5,450,000
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$2,500,000	\$1,550,000	\$1,400,000	\$5,450,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39782 - CONTRIB COUNTY ROAD FUND	\$1,800,000	\$850,000	\$700,000	\$3,350,000
43367 - ROAD CONSTRUCT OTHER GOVT	\$700,000	\$700,000	\$700,000	\$2,100,000
Total Revenue	\$2,500,000	\$1,550,000	\$1,400,000	\$5,450,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		RSD EMERGENT NEED 3855				1129582
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$2,500,000	\$1,550,000	\$1,400,000	\$5,450,000
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$0	\$0	\$2,500,000	\$1,550,000	\$1,400,000	\$5,450,000

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$2,500,000	\$2,500,000	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$2,500,000	\$2,500,000	\$0

NARRATIVES	RSD EMERGENT NEED 3855	1129582
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Current Scope

Emergent Need Contingency Project for Fund 3855 - This project provides funding for existing projects that experience unforeseen circumstances such as accelerations or delays.

Project Justification

This project allows Roads the flexibility with project implementation. It is to cover costs for unforeseen circumstances and developments not anticipated at the time of budget adoption. Not having the flexibility of this project to expediently transfer appropriation will limit the ability of Roads to proactively manage active projects to minimize costs and/or damage to county assets.

Budget Request Basis

Due to the uncertainty of project needs, the maximum appropriation as allowed by code is being requested.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	RSD EMERGENT NEED 3855	1129582
Project Status		
N/A		
Alternatives Analysis		
N/A		
Funding and Revenue Discussion		
Other Agency Involvement		
Art Eligibility		
N/A - Admin project. Art eligibility will be determined at use.		
Equity and Social Justice Impact		
N/A		
Strategic Climate Action Plan Alignment		
N/A		
Operating Budget Impacts		
No operating impact known at this time.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

RSD GRANT CONTINGENCY 3855 1129583

Department	TRANSPORTATION
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3855 COUNTY ROAD MAJOR MAINTENANCE
Class Code	ADMIN
Substantial Completion	12/31/2018
Location	Administrative
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation 01/01/17 - 12/31/18	\$0	\$10,000,000	\$0	\$0	\$10,000,000
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$10,000,000	\$0	\$0	\$10,000,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
33341 - STPU ROAD GRANT	\$10,000,000	\$0	\$0	\$10,000,000
Total Revenue	\$10,000,000	\$0	\$0	\$10,000,000

EXPENSE RSD GRANT CONTINGENCY 3855 1129583

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$10,000,000	\$0	\$0	\$10,000,000
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$0	\$0	\$10,000,000	\$0	\$0	\$10,000,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$10,000,000	\$10,000,000	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$10,000,000	\$10,000,000	\$0

NARRATIVES

RSD GRANT CONTINGENCY 3855

1129583

Current Scope

Grant Contingency Project for Fund 3855 - This project provides appropriation authority reflecting potential contingent grant sources that may be awarded.

Project Justification

This project allows Roads the flexibility to accept emergent grant funds.

Budget Request Basis

On average, Roads receives almost \$6 million annually in grant funds. This budget request will provide sufficient contingency to allow the division to apply for and receive grants between budget cycles and for emergent needs, such as storm events. Grant contingency allows Roads to pursue grant funding as opportunities arise since many granting agencies require demonstration of sufficient budget authority to apply for funds.

Project Status

N/A

Alternatives Analysis

N/A

Funding and Revenue Discussion

Other Agency Involvement

None

Art Eligibility

N/A - Admin project. Art eligibility will be determined at use.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	RSD GRANT CONTINGENCY 3855	1129583
Equity and Social Justice Impact		
N/A		
Strategic Climate Action Plan Alignment		
N/A		
Operating Budget Impacts		
No operating impact known at this time.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

RSD CWP QUICK RESPONSE

1129584

Master Project

Department	TRANSPORTATION
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3855 COUNTY ROAD MAJOR MAINTENANCE
Class Code	RSD CWP QUICK RESPONSE
Substantial Completion	12/31/2018
Location	Countywide
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation 01/01/17 - 12/31/18	\$0	\$5,000,000	\$7,000,000	\$8,000,000	\$20,000,000
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$5,000,000	\$7,000,000	\$8,000,000	\$20,000,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39782 - CONTRIB COUNTY ROAD FUND	\$5,000,000	\$7,000,000	\$8,000,000	\$20,000,000
Total Revenue	\$5,000,000	\$7,000,000	\$8,000,000	\$20,000,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		RSD CWP QUICK RESPONSE				1129584
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$5,000,000	\$7,000,000	\$8,000,000	\$20,000,000
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$0	\$0	\$5,000,000	\$7,000,000	\$8,000,000	\$20,000,000

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$5,000,000	\$5,000,000	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$5,000,000	\$5,000,000	\$0

NARRATIVES	RSD CWP QUICK RESPONSE	1129584
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Current Scope

Countywide Quick Response Program - This project allows Roads to respond to emerging needs of citizens and the roadway system. The Quick Response master project supplies funds for sub-projects that require immediate attention, including emergency repairs associated with storm damage or other infrastructure deterioration or damage, unanticipated pedestrian or vehicle safety needs, or other emerging issues.

Project Justification

Given the current financial situation and the accelerating rate of decline of the system condition, Roads is by necessity becoming a more reactive rather than proactive agency. The Quick Response master project will supply funds for sub-projects that arise during the year that require immediate attention. Projects can include emergency repairs associated with storm damage or other infrastructure deterioration or damage, unanticipated pedestrian or vehicle safety needs or other emerging issues.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	RSD CWP QUICK RESPONSE	1129584
Budget Request Basis		
This is the maximum that can be supported by the financial plan.		
Project Status		
This is an ongoing body of work responding to emergent needs.		
Alternatives Analysis		
N/A		
Funding and Revenue Discussion		
Other Agency Involvement		
Art Eligibility		
Maintenance or minor rehabilitation projects are exempt.		
Equity and Social Justice Impact		
N/A - This appropriation request is not assigned to a specific project.		
Strategic Climate Action Plan Alignment		
N/A - This appropriation request is not assigned to a specific project.		
Operating Budget Impacts		
No operating impact known at this time.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

RSD CWP ROADWAY PRESERVATION

1129585

Master Project, Green Building Reporting

Department	TRANSPORTATION
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3855 COUNTY ROAD MAJOR MAINTENANCE
Class Code	RSD CWP ROADWAY PRESERVATION
Substantial Completion	12/31/2018
Location	Countywide
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation 01/01/17 - 12/31/18	\$0	\$15,800,000	\$11,000,000	\$11,000,000	\$37,800,000
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$15,800,000	\$11,000,000	\$11,000,000	\$37,800,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
33341 - STPU ROAD GRANT	\$5,800,000	\$0	\$0	\$5,800,000
39782 - CONTRIB COUNTY ROAD FUND	\$10,000,000	\$11,000,000	\$11,000,000	\$32,000,000
Total Revenue	\$15,800,000	\$11,000,000	\$11,000,000	\$37,800,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		RSD CWP ROADWAY PRESERVATION					1129585
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense	
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0	
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0	
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0	
4 Implementation	\$0	\$0	\$13,110,000	\$12,575,000	\$12,105,000	\$37,790,000	
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0	
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0	
Total Expense	\$0	\$0	\$13,110,000	\$12,575,000	\$12,105,000	\$37,790,000	

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$15,800,000	\$13,110,000	\$2,690,000
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$15,800,000	\$13,110,000	\$2,690,000

NARRATIVES	RSD CWP ROADWAY PRESERVATION	1129585
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Current Scope

Countywide Roadway Preservation Program - This program preserves the roadway infrastructure using cost effective resurfacing treatments and minor roadway rehabilitation to extend the useful life of existing roadways.

Project Justification

Two of the goals in the 2014 Strategic Plan for Road Services are to address safety concerns and to preserve and maintain the existing roadway network. This program will protect road users and maintain the system by applying preventative treatments which are key to preserving the roadway system, improving its functional condition and reducing deterioration. Applying the right cost effective treatment at the right time can extend the useful life of the roadways. With more than 1 million trips per day occurring on the county's roads, the roadway system enables the movement of people and goods, and serves residents, commerce and other users, making it an important tool for the region's economic vitality. Therefore, preserving the overall condition of the roadway system will benefit mobility, aligning with the County Executive's priority of Regional Mobility. If these repairs are not performed, it may lead to higher lifecycle costs, increased risks and more user delays.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

RSD CWP ROADWAY PRESERVATION

1129585

Budget Request Basis

Lists of projects are being developed using a combination of the annual pavement condition score, travel volume and connectivity and other factors. A final candidate list will be developed in late 2016 for construction in the 2017-2018 biennium. In addition, two subprojects -- White Center Overlay and NE Stillwater Hill Road Reconstruction -- are included in the budget request and they are funded almost entirely by grant funds.

Project Status

This is an ongoing program, and Roads is currently developing and evaluating a priority array.

Alternatives Analysis

N/A

Funding and Revenue Discussion

Other Agency Involvement

Art Eligibility

Maintenance or minor rehabilitation projects are exempt.

Equity and Social Justice Impact

As we continue to develop our priority array of projects, specific equity and social justice areas of impact are unknown at the current time. However, countywide programs such as the Roadway Preservation program will benefit all road users.

Strategic Climate Action Plan Alignment

Road resurfacing and other roadway preservation projects are aligned with the Strategic Climate Action Plan, Goal Areas 3 (Green Building) and 4 (Consumption and Materials Management).

Roadway Preservation projects are reviewed to identify opportunities to achieve sustainable infrastructure score card requirements for energy, greenhouse gas emissions, storm water management, materials selection, and construction/demolition materials diversion. Coordinated waste reduction strategies may result in re-use of materials on site when possible, salvaging of materials offsite, disposal of hazardous waste (if applicable), and recycling. Fleet and fuel efficiencies may be gained through judicious project management, logistics, and reduction in travel times.

Operating Budget Impacts

Minor positive operating impacts due to improvement of the asset(s).

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

RSD CWP DRAINAGE PRESERVATION

1129586

Master Project, Green Building Reporting

Department	TRANSPORTATION
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3855 COUNTY ROAD MAJOR MAINTENANCE
Class Code	RSD CWP DRAINAGE PRESERVATION
Substantial Completion	12/31/2018
Location	Countywide
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation 01/01/17 - 12/31/18	\$0	\$7,000,000	\$6,000,000	\$6,000,000	\$19,000,000
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$7,000,000	\$6,000,000	\$6,000,000	\$19,000,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39721 - CONTRIB SURF WATER MGT	\$4,600,000	\$4,600,000	\$4,600,000	\$13,800,000
39782 - CONTRIB COUNTY ROAD FUND	\$2,400,000	\$1,400,000	\$1,400,000	\$5,200,000
Total Revenue	\$7,000,000	\$6,000,000	\$6,000,000	\$19,000,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		RSD CWP DRAINAGE PRESERVATION				1129586
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$6,700,000	\$6,000,000	\$6,000,000	\$18,700,000
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$0	\$0	\$6,700,000	\$6,000,000	\$6,000,000	\$18,700,000

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$7,000,000	\$6,700,000	\$300,000
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$7,000,000	\$6,700,000	\$300,000

NARRATIVES	RSD CWP DRAINAGE PRESERVATION	1129586
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Current Scope

Countywide Drainage Preservation Program - This program funds replacement and preservation of aging drainage systems and associated roadway features in compliance with current codes and standards. Projects involve replacing failed systems as well as implementation of new pipe or catch basins to collect water that is adversely affecting the road system or private property.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

RSD CWP DRAINAGE PRESERVATION

1129586

Project Justification

Two of the goals in the 2014 Strategic Plan for Road Services are to address safety concerns and to preserve and maintain the existing roadway network. This program will protect road users, and improve and maintain the roadway structure by eliminating failed or failing drainage systems, restoring structural capacity and preventing water damage to public and private properties. Generally, the solution is replacing the failed system but it could also include new pipe or catch basins to collect water that is adversely affecting the road system or private property. Another goal of the strategic plan is to meet regulatory requirements and standards. This program's work is regulated by federal statutes, state laws and regulations, and King County Code. It also applies King County Strategic Climate Action Plan principles by designing systems to minimize future flooding and recycling a majority of the waste material generated during construction. Preserving the existing roadway network will benefit mobility, aligning with the County Executive's priority of Regional Mobility. If the road drainage system is not maintained, there could be possible injuries to road users, damage to public and private property, liability for water flow that is displaced, icy road conditions in the winter, premature failure due to soil saturation, and road closures.

Budget Request Basis

A list of projects from the existing backlog is chosen at the beginning of each year based on the priority array. However, water is very powerful and its flow can change direction. Therefore, new drainage problem sites are continually being added to the priority array and priorities may change during the year.

Project Status

This is an ongoing program, and Roads is currently developing and evaluating a priority array.

Alternatives Analysis

N/A

Funding and Revenue Discussion

Other Agency Involvement

Art Eligibility

Maintenance or minor rehabilitation projects are exempt.

Equity and Social Justice Impact

As we continue to develop our priority array of projects, specific equity and social justice areas of impact are unknown at the current time. However, countywide programs such as the Drainage Preservation program will benefit all road users.

Strategic Climate Action Plan Alignment

Drainage Preservation projects are aligned with the Strategic Climate Action Plan, Goal Areas 3 (Green Building), 4 (Consumption and Materials Management) and 5 (Forest and Agriculture). Larger sized culverts improve fish passage and typically provide additional capacity for larger quantities of water. Many Drainage Preservation projects also result in improved habitat conditions.

Drainage Preservation projects improve storm water capacity and surface water flows. Projects are designed to increase tree cover, habitat complexity in the vicinity of the project, and water quality. Each project is reviewed to identify opportunities to achieve sustainable infrastructure score card requirements for energy, greenhouse gas emissions, storm water management, and construction/demolition materials diversion. Coordinated waste reduction strategies may result in reuse of materials on site when possible, salvaging of materials offsite, disposal of hazardous waste (if applicable), and recycling. Fleet and fuel efficiencies may be gained through judicious project management, logistics, and reduction in travel times.

Operating Budget Impacts

Minor positive operating impacts due to improvement of the asset(s).

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

RSD CWP GUARDRAIL PRESERVATION

1129587

Master Project, Green Building Reporting

Department	TRANSPORTATION
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3855 COUNTY ROAD MAJOR MAINTENANCE
Class Code	RSD CWP GUARDRAIL PRESERVATION
Substantial Completion	12/31/2018
Location	Countywide
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation 01/01/17 - 12/31/18	\$0	\$4,800,000	\$2,950,000	\$0	\$7,750,000
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$4,800,000	\$2,950,000	\$0	\$7,750,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39782 - CONTRIB COUNTY ROAD FUND	\$4,800,000	\$2,950,000	\$0	\$7,750,000
Total Revenue	\$4,800,000	\$2,950,000	\$0	\$7,750,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		RSD CWP GUARDRAIL PRESERVATION				1129587
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$4,560,000	\$3,042,500	\$147,500	\$7,750,000
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$0	\$0	\$4,560,000	\$3,042,500	\$147,500	\$7,750,000

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$4,800,000	\$4,560,000	\$240,000
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$4,800,000	\$4,560,000	\$240,000

NARRATIVES	RSD CWP GUARDRAIL PRESERVATION	1129587
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Current Scope

Countywide Guardrail Preservation Program - This program identifies and prioritizes existing guardrail to be refurbished or upgraded to current standards. Program work includes installing guideposts on the guardrail according to federal standards and raising guardrail to current standard height recommendations.

Project Justification

The division's top priority in the 2014 Strategic Plan for Road Services is to address safety concerns on the roadway network. This program will improve the safety of the system by upgrading existing guardrail and guardrail end terminals. This includes identifying and replacing existing end terminals that do not meet current standards. This project will also install guideposts on the guardrail according to federal standards. Other work includes raising guardrail to current standard height recommended by WSDOT Design Standards. Upgrading existing guardrail and guardrail end terminals will make the roads safer and may lessen the severity of crashes.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

RSD CWP GUARDRAIL PRESERVATION

1129587

Budget Request Basis

A priority array is in the process of being developed based on a listing of locations where existing guardrail and guardrail end terminals are located which need to be refurbished or upgraded. Priority projects will be selected for design and construction from this array.

Project Status

New

Alternatives Analysis

N/A

Funding and Revenue Discussion

Other Agency Involvement

Art Eligibility

Maintenance or minor rehabilitation projects are exempt.

Equity and Social Justice Impact

As we continue to develop our priority array of projects, specific equity and social justice areas of impact are unknown at the current time. However, countywide programs such as the Guardrail Preservation program will benefit all road users.

Strategic Climate Action Plan Alignment

Guardrail projects are aligned with the Strategic Climate Action Plan, Goal Areas 3 (Green Building) and 4 (Consumption and Materials Management).

Guardrail Preservation projects are reviewed to identify opportunities to achieve sustainable infrastructure score card requirements for energy, greenhouse gas emissions, storm water management, materials selection, and construction/demolition materials diversion. Coordinated waste reduction strategies may result in re-use of materials on site when possible, salvaging of materials offsite, disposal of hazardous waste (if applicable), and recycling. Fleet and fuel efficiencies may be gained through judicious project management, logistics, and reduction in travel times.

Operating Budget Impacts

Minor positive operating impacts due to improvement of the asset(s).

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

RSD CWP BRIDGE PRIORITY MAINT

1129588

Master Project, Green Building Reporting

Department	TRANSPORTATION
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3855 COUNTY ROAD MAJOR MAINTENANCE
Class Code	RSD CWP BRIDGE PRIORITY MAINT
Substantial Completion	12/31/2018
Location	Countywide
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation 01/01/17 - 12/31/18	\$0	\$1,000,000	\$1,000,000	\$1,000,000	\$3,000,000
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$1,000,000	\$1,000,000	\$1,000,000	\$3,000,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39782 - CONTRIB COUNTY ROAD FUND	\$1,000,000	\$1,000,000	\$1,000,000	\$3,000,000
Total Revenue	\$1,000,000	\$1,000,000	\$1,000,000	\$3,000,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		RSD CWP BRIDGE PRIORITY MAINT				1129588
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$950,000	\$1,000,000	\$1,000,000	\$2,950,000
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$0	\$0	\$950,000	\$1,000,000	\$1,000,000	\$2,950,000

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$1,000,000	\$950,000	\$50,000
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$1,000,000	\$950,000	\$50,000

NARRATIVES	RSD CWP BRIDGE PRIORITY MAINT	1129588
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Current Scope

Countywide Bridge Priority Maintenance - This project funds high priority preservation and maintenance projects to keep the aging bridge inventory serviceable and safe for the traveling public. Project activities may include load upgrades, scour mitigation, re-decking, bridge rail repairs or retrofits, superstructure and substructure repairs, painting, etc.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

RSD CWP BRIDGE PRIORITY MAINT

1129588

Project Justification

Two of the goals in the 2014 Strategic Plan for Road Services are to address safety concerns and to preserve and maintain the existing roadway network. As there are no bridge replacements in the current six-year capital program because of revenue shortfalls, the need for maintenance repairs are on the rise in an attempt to keep bridges serviceable and safe for the traveling public. Regular federally mandated routine inspections identify repairs for the bridges. These repairs are prioritized based on: structural safety, traffic safety and the potential to reduce frequent maintenance. These repairs may include load upgrades, scour mitigation, redecking, bridge rail repairs or retrofits, superstructure and substructure repairs, painting, etc. Preserving the county's bridges will benefit mobility, aligning with the County Executive's priority of Regional Mobility. If they are not repaired or maintained, these structures will degrade faster, and will need to be posted for load restrictions or closed to the public.

Budget Request Basis

Each year bridge engineers analyze the backlog of work orders and determine which bridges will be worked on based on priority of the required work, need, and structural and traffic safety issues. As often as possible, multiple work orders for a bridge are bundled into one project. Routine, day-to-day projects are scheduled in the operating fund, and projects to maintain the useful life of the asset are scheduled in Bridge Priority Maintenance.

Project Status

This is an ongoing program, and Roads develops and continuously evaluates projects each year according to the priority of the needed repairs.

Alternatives Analysis

N/A

Funding and Revenue Discussion

Other Agency Involvement

Art Eligibility

Maintenance or minor rehabilitation projects are exempt.

Equity and Social Justice Impact

As we continue to develop our priority array of projects, specific equity and social justice areas of impact are unknown at the current time. However, countywide programs such as the Bridge Priority Maintenance program will benefit all road users.

Strategic Climate Action Plan Alignment

Bridge maintenance work is aligned with the Strategic Climate Action Plan, Goal Areas 3 (Green Building) and 4 (Consumption and Materials Management). Sustainable practices are incorporated into bridge maintenance activities.

Bridge Priority Maintenance projects are reviewed to identify opportunities to achieve energy, greenhouse gas emissions, storm water management, materials selection, and construction/demolition materials diversion. Coordinated waste reduction strategies may result in re-use of materials on site when possible, salvaging of materials offsite, disposal of hazardous waste (if applicable), and recycling. Fleet and fuel efficiencies may be gained through judicious project management, logistics, and reduction in travel times.

Operating Budget Impacts

Minor positive operating impacts due to improvement of the asset(s).

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

RSD CWP CLEAR ZONE SAFETY

1129589

Master Project, Green Building Reporting

Department	TRANSPORTATION
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3855 COUNTY ROAD MAJOR MAINTENANCE
Class Code	RSD CWP CLEAR ZONE SAFETY
Substantial Completion	12/31/2018
Location	Countywide
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation 01/01/17 - 12/31/18	\$0	\$1,000,000	\$1,600,000	\$1,600,000	\$4,200,000
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$1,000,000	\$1,600,000	\$1,600,000	\$4,200,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39782 - CONTRIB COUNTY ROAD FUND	\$1,000,000	\$1,600,000	\$1,600,000	\$4,200,000
Total Revenue	\$1,000,000	\$1,600,000	\$1,600,000	\$4,200,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		RSD CWP CLEAR ZONE SAFETY					1129589
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense	
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0	
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0	
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0	
4 Implementation	\$0	\$0	\$950,000	\$1,570,000	\$1,600,000	\$4,120,000	
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0	
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0	
Total Expense	\$0	\$0	\$950,000	\$1,570,000	\$1,600,000	\$4,120,000	

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$1,000,000	\$950,000	\$50,000
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$1,000,000	\$950,000	\$50,000

NARRATIVES	RSD CWP CLEAR ZONE SAFETY	1129589
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Current Scope

Countywide Clear Zone Safety Program - This program promotes the safety of the roadway network by removing roadside obstacles within the clear zone of the road right-of-way. This program will identify and remove or mitigate non-yielding or non-breakaway objects that are more than 6 inches high, such as trees, boulders, stumps, mailboxes, fences and utility poles in the clear zone. The clear zone is an area clear of objects for a minimum of 10 feet from the outside painted lane edge line on roads without curbing.

Project Justification

The division's top priority in the 2014 Strategic Plan for Road Services is to address safety concerns on the roadway network. The program identifies and removes or mitigates objects next to roadways that vehicles leaving the roadway might otherwise hit, creating clear zones. These zones create space for a driver to stop safely or regain control of a vehicle that has left the road, increasing the possibility of a safe recovery and reducing the instances and severity of crashes. This program will identify and remove or mitigate non-yielding or non-breakaway objects that are more than 6 inches high, such as trees, boulders, stumps, mailboxes, fences and utility poles in the clear zone. The clear zone is an area clear of objects for a minimum of 10 feet from the outside painted lane edge line on roads without curbing.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

RSD CWP CLEAR ZONE SAFETY

1129589

Budget Request Basis

An inventory of roadside hazards was recently completed on the highest volume roadways, and a priority array is being developed. In addition, the program will also include a significant amount of work communicating and coordinating with adjacent property owners about mitigation actions. Projects will be selected from the priority list for implementation.

Project Status

This is an ongoing program, and Roads is currently developing and evaluating a priority array.

Alternatives Analysis

N/A

Funding and Revenue Discussion

Other Agency Involvement

Art Eligibility

Maintenance or minor rehabilitation projects are exempt.

Equity and Social Justice Impact

As we continue to develop our priority array of projects, specific equity and social justice areas of impact are unknown at the current time. However, countywide programs such as the Clear Zone Safety program will benefit all road users.

Strategic Climate Action Plan Alignment

Clear Zone Safety projects result in the removal of trees adjacent to the travelled roadway to achieve critical safety outcomes. A reduction in trees is not consistent with the Strategic Climate Action Plan, Goal Area 5 (Forests and Agriculture). These projects are completed in a manner that is aligned with Goal Areas 3 (Green Building) and 4 (Consumption and Materials Management).

Clear Zone projects are reviewed to identify opportunities for sustainable practices such as re-use of materials on site when possible, salvaging of materials offsite, disposal of hazardous waste (if applicable), and recycling. Fleet and fuel efficiencies may be gained through judicious project management, logistics, and reduction in travel times.

Operating Budget Impacts

Significant reduction in liability risk due to improvement of the asset(s).

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

RSD CWP HIGH COLLISION SAFETY

1129590

Master Project, Green Building Reporting

Department	TRANSPORTATION
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3855 COUNTY ROAD MAJOR MAINTENANCE
Class Code	RSD CWP HIGH COLLISION SAFETY
Substantial Completion	12/31/2018
Location	Countywide
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation 01/01/17 - 12/31/18	\$0	\$4,000,000	\$2,000,000	\$0	\$6,000,000
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$4,000,000	\$2,000,000	\$0	\$6,000,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39782 - CONTRIB COUNTY ROAD FUND	\$4,000,000	\$2,000,000	\$0	\$6,000,000
Total Revenue	\$4,000,000	\$2,000,000	\$0	\$6,000,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		RSD CWP HIGH COLLISION SAFETY				1129590
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$4,000,000	\$1,800,000	\$200,000	\$6,000,000
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$0	\$0	\$4,000,000	\$1,800,000	\$200,000	\$6,000,000

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$4,000,000	\$4,000,000	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$4,000,000	\$4,000,000	\$0

NARRATIVES	RSD CWP HIGH COLLISION SAFETY	1129590
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Current Scope

Countywide High Collision Safety Program - This program improves the safety of the roadway network by making improvements to reduce the rate of collisions on roads in unincorporated King County. Improvements include, but are not limited to, traffic control signs and pavement markings.

Project Justification

The division's top priority in the 2014 Strategic Plan for Road Services is to address safety concerns on the roadway network. This program will improve the safety of the system by making improvements which are intended to reduce the occurrence of collisions at locations or on road segments identified in the 2016 High Collision Safety reports. Some of the improvements include, but are not limited to, traffic control signs and pavement markings.

Budget Request Basis

The budget request will allow Roads to make the improvements recommended on the 2016 High Collision Safety reports. The next report will be compiled in 2019, and the budget to make those improvements will be included in the 2019-2020 capital plan.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	RSD CWP HIGH COLLISION SAFETY	1129590
Project Status		
New		
Alternatives Analysis		
N/A		
Funding and Revenue Discussion		
Other Agency Involvement		
Art Eligibility		
Maintenance or minor rehabilitation projects are exempt.		
Equity and Social Justice Impact		
As Roads continues to develop our priority array of projects, specific equity and social justice areas of impact are unknown at the current time. However, countywide programs such as the High Collision Safety program will benefit all road users.		
Strategic Climate Action Plan Alignment		
Most High Collision Safety projects improve vehicle circulation, thereby reducing vehicle idling and emissions. These critical safety projects are aligned with the Strategic Climate Action Plan Goal Areas 3 (Green Building) and 4 (Consumption and Materials Management).		
High Collision Safety projects are reviewed to identify opportunities for sustainable practices such as re-use of materials on site when possible, salvaging of materials offsite, disposal of hazardous waste (if applicable), and recycling. Fleet and fuel efficiencies may be gained through judicious project management, logistics, and reduction in travel times.		
Operating Budget Impacts		
Significant reduction in liability risk due to improvement of the asset(s).		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

RSD CWP SCHOOL ZONE SAFETY

1129591

Master Project, Green Building Reporting

Department	TRANSPORTATION
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3855 COUNTY ROAD MAJOR MAINTENANCE
Class Code	RSD CWP SCHOOL ZONE SAFETY
Substantial Completion	12/31/2018
Location	Countywide
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation 01/01/17 - 12/31/18	\$0	\$800,000	\$800,000	\$800,000	\$2,400,000
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$800,000	\$800,000	\$800,000	\$2,400,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39782 - CONTRIB COUNTY ROAD FUND	\$800,000	\$800,000	\$800,000	\$2,400,000
Total Revenue	\$800,000	\$800,000	\$800,000	\$2,400,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		RSD CWP SCHOOL ZONE SAFETY				1129591
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$760,000	\$800,000	\$800,000	\$2,360,000
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$0	\$0	\$760,000	\$800,000	\$800,000	\$2,360,000

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$800,000	\$760,000	\$40,000
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$800,000	\$760,000	\$40,000

NARRATIVES RSD CWP SCHOOL ZONE SAFETY 1129591

Current Scope

Countywide School Zone Safety Program - This program improves the safety of students, pedestrians and others using roads near schools in unincorporated King County by implementing traffic calming measures as needed, including safety-related signs, marked crosswalks, radar activated speed signs, flashing beacons or paved sidewalks.

Project Justification

The division's top priority in the 2014 Strategic Plan for Road Services is to address safety concerns on the roadway network. This multi-decade program uses a variety of approaches to improve the safety of pedestrians and other users in school zones in unincorporated King County. These approaches include, but are not limited to, safety-related signs, marked crosswalks, radar activated speed signs, flashing beacons or paved sidewalks. Implementing these traffic calming measures and projects will help to protect all users of the roadway network within the school zone.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	RSD CWP SCHOOL ZONE SAFETY	1129591
Budget Request Basis		
Potential projects are selected from a priority array after end-of-school year meetings with school district transportation officials.		
Project Status		
New		
Alternatives Analysis		
N/A		
Funding and Revenue Discussion		
Other Agency Involvement		
School districts within unincorporated King County, along with county and state agencies on an as-needed basis.		
Art Eligibility		
Maintenance or minor rehabilitation projects are exempt.		
Equity and Social Justice Impact		
As we continue to develop our priority array of projects, specific equity and social justice areas of impact are unknown at the current time. However, countywide programs such as the School Zone Safety program will benefit all road users.		
Strategic Climate Action Plan Alignment		
School Zone Safety projects are aligned with Strategic Climate Action Plan Goal Area 3 (Green Building).		
School Zone Safety projects are reviewed to identify opportunities for sustainable practices, such as materials choices, coordinate waste reduction and sustainable design. Fleet and fuel efficiencies may be gained through judicious project management, logistics, and reduction in travel times.		
Operating Budget Impacts		
Usually does not involve improvements to assets or extension of lifecycle cost advantages. No operating impact known at this time.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

RSD CIP OVERSIGHT 3855

1129841

Department	TRANSPORTATION
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3855 COUNTY ROAD MAJOR MAINTENANCE
Class Code	ADMIN
Substantial Completion	12/31/2018
Location	Administrative
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation 01/01/17 - 12/31/18	\$0	\$34,595	\$0	\$0	\$34,595
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$34,595	\$0	\$0	\$34,595

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39782 - CONTRIB COUNTY ROAD FUND	\$34,595	\$0	\$0	\$34,595
Total Revenue	\$34,595	\$0	\$0	\$34,595

EXPENSE

RSD CIP OVERSIGHT 3855

1129841

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$34,595	\$0	\$0	\$34,595
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$0	\$0	\$34,595	\$0	\$0	\$34,595

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$34,595	\$34,595	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$34,595	\$34,595	\$0

NARRATIVES

RSD CIP OVERSIGHT 3855

1129841

Current Scope

CIP Oversight Project - This project funds the costs for the Capital Projects Oversight Committee.

Project Justification

To process the allocation of costs to Roads.

Budget Request Basis

Based on allocation of costs from the King County Auditor's Office.

Project Status

N/A

Alternatives Analysis

N/A

Funding and Revenue Discussion

Other Agency Involvement

None

Art Eligibility

N/A - Administrative project only.

Equity and Social Justice Impact

N/A

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	RSD CIP OVERSIGHT 3855	1129841
Strategic Climate Action Plan Alignment		
N/A		
Operating Budget Impacts		
N/A		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

RSD EMERGENT NEED 3865

1129592

Department	TRANSPORTATION
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3865 KING COUNTY ROAD CONSTRUCTION
Class Code	ADMIN
Substantial Completion	12/31/2018
Location	Administrative
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation 01/01/17 - 12/31/18	\$0	\$600,000	\$400,000	\$40,000	\$1,040,000
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$600,000	\$400,000	\$40,000	\$1,040,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39782 - CONTRIB COUNTY ROAD FUND	\$600,000	\$400,000	\$40,000	\$1,040,000
Total Revenue	\$600,000	\$400,000	\$40,000	\$1,040,000

EXPENSE

RSD EMERGENT NEED 3865

1129592

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$600,000	\$400,000	\$40,000	\$1,040,000
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$0	\$0	\$600,000	\$400,000	\$40,000	\$1,040,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$600,000	\$600,000	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$600,000	\$600,000	\$0

NARRATIVES

RSD EMERGENT NEED 3865

1129592

Current Scope

Emergent Need Contingency Project for Fund 3865 - This project provides funding for existing projects that experience unforeseen circumstances such as accelerations or delays.

Project Justification

This project allows Roads the flexibility with project implementation. It is to cover costs for unforeseen circumstances and developments not anticipated at the time of budget adoption. Not having the flexibility of this project to expediently transfer appropriation will limit the ability of Roads to proactively manage active projects to minimize costs and/or damage to county assets.

Budget Request Basis

Due to the uncertainty of project needs, the maximum appropriation as allowed by code is being requested.

Project Status

N/A

Alternatives Analysis

N/A

Funding and Revenue Discussion

Other Agency Involvement

Art Eligibility

N/A - Admin project. Art eligibility will be determined at use.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	RSD EMERGENT NEED 3865	1129592
Equity and Social Justice Impact		
N/A		
Strategic Climate Action Plan Alignment		
N/A		
Operating Budget Impacts		
No operating impact known at this time.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

RSD GRANT CONTINGENCY 3865 1129593

Department	TRANSPORTATION
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3865 KING COUNTY ROAD CONSTRUCTION
Class Code	ADMIN
Substantial Completion	12/31/2018
Location	Administrative
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation 01/01/17 - 12/31/18	\$0	\$5,000,000	\$0	\$0	\$5,000,000
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$5,000,000	\$0	\$0	\$5,000,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
33341 - STPU ROAD GRANT	\$5,000,000	\$0	\$0	\$5,000,000
Total Revenue	\$5,000,000	\$0	\$0	\$5,000,000

EXPENSE RSD GRANT CONTINGENCY 3865 1129593

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$5,000,000	\$0	\$0	\$5,000,000
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$0	\$0	\$5,000,000	\$0	\$0	\$5,000,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$5,000,000	\$5,000,000	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$5,000,000	\$5,000,000	\$0

NARRATIVES

RSD GRANT CONTINGENCY 3865

1129593

Current Scope

Grant Contingency Project for Fund 3865 - This project provides appropriation authority reflecting potential contingent grant sources that may be awarded.

Project Justification

This project allows Roads the flexibility to accept emergent grant funds.

Budget Request Basis

On average, Roads receives almost \$6 million annually in grant funds. This budget request will provide sufficient contingency to allow the division to apply for and receive grants between budget cycles and for emergent needs, such as storm events. Grant contingency allows Roads to pursue grant funding as opportunities arise since many granting agencies require demonstration of sufficient budget authority to apply for funds.

Project Status

N/A

Alternatives Analysis

N/A

Funding and Revenue Discussion

Other Agency Involvement

Art Eligibility

N/A - Admin project. Art eligibility will be determined at use.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	RSD GRANT CONTINGENCY 3865	1129593
Equity and Social Justice Impact		
N/A		
Strategic Climate Action Plan Alignment		
N/A		
Operating Budget Impacts		
No operating impact known at this time.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

RSD CWP GUARDRAIL CONSTRUCTION

1129594

Master Project, Green Building Reporting

Department	TRANSPORTATION
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3865 KING COUNTY ROAD CONSTRUCTION
Class Code	RSD CWP GUARDRAIL CONSTRUCTION
Substantial Completion	12/31/2018
Location	Countywide
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation 01/01/17 - 12/31/18	\$0	\$1,350,000	\$1,350,000	\$850,000	\$3,550,000
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$1,350,000	\$1,350,000	\$850,000	\$3,550,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39782 - CONTRIB COUNTY ROAD FUND	\$1,350,000	\$1,350,000	\$850,000	\$3,550,000
Total Revenue	\$1,350,000	\$1,350,000	\$850,000	\$3,550,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		RSD CWP GUARDRAIL CONSTRUCTION				1129594
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$1,255,000	\$1,350,000	\$900,000	\$3,505,000
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$0	\$0	\$1,255,000	\$1,350,000	\$900,000	\$3,505,000

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$1,350,000	\$1,255,000	\$95,000
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$1,350,000	\$1,255,000	\$95,000

NARRATIVES	RSD CWP GUARDRAIL CONSTRUCTION	1129594
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Current Scope

Countywide Guardrail Construction Program - This program designs and constructs new guardrail systems.

Project Justification

The division's top priority in the 2014 Strategic Plan for Road Services is to address safety concerns on the roadway network. This program will design and construct new guardrail systems to improve the safety of the roadways. Barriers will be installed in locations in an attempt to reduce the number and severity of "run off the road" collisions.

Budget Request Basis

The list for locations to construct new guardrail and the priority array has been developed. Priority projects will be selected for design and construction from this array.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	RSD CWP GUARDRAIL CONSTRUCTION	1129594
Project Status		
New		
Alternatives Analysis		
N/A		
Funding and Revenue Discussion		
Other Agency Involvement		
Art Eligibility		
Roads, airport runway, sewers, or solid waste landfills projects are exempt.		
Equity and Social Justice Impact		
Guardrail Construction is a life safety issue. The priority array has not identified any equity and social justice issues.		
Strategic Climate Action Plan Alignment		
Guardrail projects are aligned with the Strategic Climate Action Plan, Goal Areas 3 (Green Building) and 4 (Consumption and Materials Management).		
Guardrail Construction projects are reviewed to identify opportunities to achieve sustainable infrastructure score card requirements for energy, greenhouse gas emissions, storm water management, materials selection, and construction/demolition materials diversion. Coordinated waste reduction strategies may result in re-use of materials on site when possible, salvaging of materials offsite, disposal of hazardous waste (if applicable), and recycling. Fleet and fuel efficiencies may be gained through judicious project management, logistics, and reduction in travel times.		
Operating Budget Impacts		
Minor positive impacts due to the improvement of the asset(s).		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

RSD OLD CASCADE/MILLER BR WEST

1129595

Green Building Reporting

Department	TRANSPORTATION
Council District(s)	3
Fund	3865 KING COUNTY ROAD CONSTRUCTION
Class Code	STANDALONE
Substantial Completion	12/01/2018
Location	70214 NE Old Cascade Hwy, Unincorporated KC 98288: Old Cascade Highway from the Miller River Rd to the west bank of the Miller River
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design 01/01/17 - 12/31/17	\$0	\$300,000	\$0	\$0	\$300,000
4 Implementation 01/01/18 - 12/31/18	\$0	\$2,000,000	\$0	\$0	\$2,000,000
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$2,300,000	\$0	\$0	\$2,300,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
33320 - FEMA LOCAL PROGRAMS	\$1,200,000	\$0	\$0	\$1,200,000
33418 - WA STATE EMERGENCY MGMT	\$200,000	\$0	\$0	\$200,000
39782 - CONTRIB COUNTY ROAD FUND	\$900,000	\$0	\$0	\$900,000
Total Revenue	\$2,300,000	\$0	\$0	\$2,300,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		RSD OLD CASCADE/MILLER BR WEST				1129595
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$300,000	\$0	\$0	\$300,000
4 Implementation	\$0	\$0	\$2,000,000	\$0	\$0	\$2,000,000
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$0	\$0	\$2,300,000	\$0	\$0	\$2,300,000

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$300,000	\$300,000	\$0
4 Implementation	\$0	\$2,000,000	\$2,000,000	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$2,300,000	\$2,300,000	\$0

NARRATIVES RSD OLD CASCADE/MILLER BR WEST 1129595

Current Scope

Old Cascade Highway/Miller River Bridge West Improvements Project - This project makes drainage and pavement improvements on Old Cascade Highway and constructs a turnaround on the highway at the west bank of the Miller River.

Project Justification

This project will make improvements to damaged and remaining portions of the Old Cascade Highway. In January 2011, a winter flood tore through the Skykomish Valley and changed the course of the Miller River. The flood destroyed a 100-foot section of the Old Cascade Highway, severing it into two sole access roads on both sides of the river, and left the Miller River Bridge #999W damaged and cut off from the road. In order to maintain the use of this sole source road and to prevent possible additional damage, this project will improve the drainage and resurface a portion of the existing roadway. In addition, a turnaround on the west side of Old Cascade Highway will be constructed to provide a safer terminus and a portion of the pavement from the river bank to the turnaround will be removed.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	RSD OLD CASCADE/MILLER BR WEST	1129595
Budget Request Basis		
The budget request is based on approved funding from the Federal Emergency Management Agency and the Washington Emergency Management Division.		
Project Status		
New		
Alternatives Analysis		
At an estimated cost of more than \$19 million, the cost of a new bridge to span the washout area is far more than what is available from federal reimbursement dollars or other revenue sources. This alternative project seeks to make the road end safe for the traveling public.		
Funding and Revenue Discussion		
Other Agency Involvement		
Work to be reviewed by the Federal Emergency Management Agency and the Washington State Emergency Management Division.		
Art Eligibility		
Roads, airport runway, sewers, or solid waste landfills projects are exempt.		
Equity and Social Justice Impact		
The location of this project is not in an equity and social justice area.		
Strategic Climate Action Plan Alignment		
This project is aligned with the Strategic Climate Action Plan, Goal Areas 3 (Green Building) and 4 (Consumption and Materials Management).		
This project will undergo early and ongoing project review to identify opportunities to achieve sustainable infrastructure score card requirements for energy, greenhouse gas emissions, storm water management, materials selection, and construction/demolition materials diversion. Coordinated waste reduction strategies may result in re-use of materials on site when possible, salvaging of materials offsite, disposal of hazardous waste (if applicable), and recycling. Fleet and fuel efficiencies may be gained through judicious project management, logistics, and reduction in travel times.		
Operating Budget Impacts		
Minor positive operating impacts due to improvement of the asset(s).		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

RSD OLD CASCADE/MILLER BR EAST

1129596

Green Building Reporting

Department	TRANSPORTATION
Council District(s)	3
Fund	3865 KING COUNTY ROAD CONSTRUCTION
Class Code	STANDALONE
Substantial Completion	12/01/2018
Location	70625 W Old Cascade Hwy, Unincorporated KC 98288: Old Cascade Highway from Skykomish to the east bank of the Miller River
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design 01/01/17 - 12/31/17	\$0	\$350,000	\$0	\$0	\$350,000
4 Implementation 01/01/18 - 12/31/18	\$0	\$2,400,000	\$0	\$0	\$2,400,000
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$2,750,000	\$0	\$0	\$2,750,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
33320 - FEMA LOCAL PROGRAMS	\$1,600,000	\$0	\$0	\$1,600,000
33418 - WA STATE EMERGENCY MGMT	\$250,000	\$0	\$0	\$250,000
39782 - CONTRIB COUNTY ROAD FUND	\$900,000	\$0	\$0	\$900,000
Total Revenue	\$2,750,000	\$0	\$0	\$2,750,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		RSD OLD CASCADE/MILLER BR EAST				1129596
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$350,000	\$0	\$0	\$350,000
4 Implementation	\$0	\$0	\$2,400,000	\$0	\$0	\$2,400,000
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$0	\$0	\$2,750,000	\$0	\$0	\$2,750,000

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$350,000	\$350,000	\$0
4 Implementation	\$0	\$2,400,000	\$2,400,000	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$2,750,000	\$2,750,000	\$0

NARRATIVES RSD OLD CASCADE/MILLER BR EAST 1129596

Current Scope

Old Cascade Highway/Miller Bridge East Improvements Project - This project makes drainage and pavement improvements on Old Cascade Highway and constructs a turnaround on the highway at the east bank of the Miller River.

Project Justification

This project will make improvements to damaged and remaining portions of the Old Cascade Highway. In January 2011, a winter flood tore through the Skykomish Valley and changed the course of the Miller River. The flood destroyed a 100-foot section of the Old Cascade Highway, severing it into two sole access roads on both sides of the river, and left the Miller River Bridge #999W damaged and cut off from the road. In order to maintain the use of this sole source road and to prevent possible additional damage, this project will improve the drainage and resurface a portion of the existing roadway. In addition, a turnaround on the east side of Old Cascade Highway will be constructed to provide a safer terminus and a portion of the pavement from the river bank to the turnaround will be removed.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	RSD OLD CASCADE/MILLER BR EAST	1129596
Budget Request Basis		
The budget request is based on approved funding from the Federal Emergency Management Agency and the Washington Emergency Management Division.		
Project Status		
New		
Alternatives Analysis		
At an estimated cost of more than \$19 million, the cost of a new bridge to span the washout area is far more than what is available from federal reimbursement dollars or other revenue sources. This alternative project seeks to make the road end safe for the traveling public.		
Funding and Revenue Discussion		
Other Agency Involvement		
Work to be reviewed by the Federal Emergency Management Agency and the Washington State Emergency Management Division.		
Art Eligibility		
Roads, airport runway, sewers, or solid waste landfills projects are exempt.		
Equity and Social Justice Impact		
The location of this project is not in an equity and social justice area.		
Strategic Climate Action Plan Alignment		
This project is aligned with the Strategic Climate Action Plan, Goal Areas 3 (Green Building) and 4 (Consumption and Materials Management).		
This project will undergo early and ongoing project review to identify opportunities to achieve sustainable infrastructure score card requirements for energy, greenhouse gas emissions, storm water management, materials selection, and construction/demolition materials diversion. Coordinated waste reduction strategies may result in re-use of materials on site when possible, salvaging of materials offsite, disposal of hazardous waste (if applicable), and recycling. Fleet and fuel efficiencies may be gained through judicious project management, logistics, and reduction in travel times.		
Operating Budget Impacts		
Minor positive operating impacts due to improvement of the asset(s).		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

RSD ISS HBRT RD@CDR GROV RNDBT

1129597

Department	TRANSPORTATION
Council District(s)	9
Fund	3865 KING COUNTY ROAD CONSTRUCTION
Class Code	STANDALONE
Substantial Completion	12/01/2020
Location	14410 Issaquah Hobart Rd SE, Unincorporated KC 98027: Intersection of Issaquah Hobart Rd SE and Cedar Grove Rd SE
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design 01/01/19 - 12/31/19	\$0	\$0	\$600,000	\$0	\$600,000
4 Implementation 01/01/20 - 12/31/20	\$0	\$0	\$2,400,000	\$0	\$2,400,000
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$0	\$3,000,000	\$0	\$3,000,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
33436 - WA ST DEPT TRANSPORTATION	\$0	\$3,000,000	\$0	\$3,000,000
Total Revenue	\$0	\$3,000,000	\$0	\$3,000,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		RSD ISS HBRT RD@CDR GROV RNDBT				1129597
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$600,000	\$0	\$600,000
4 Implementation	\$0	\$0	\$0	\$2,400,000	\$0	\$2,400,000
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$0	\$0	\$0	\$3,000,000	\$0	\$3,000,000

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0

NARRATIVES RSD ISS HBRT RD@CDR GROV RNDBT 1129597

Current Scope

Issaquah Hobart Road and Cedar Grove Road Roundabout Project - This project constructs a roundabout at the intersection of Issaquah Hobart Road SE and Cedar Grove Road SE.

Project Justification

Budget Request Basis

Project Status

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	RSD ISS HBRT RD@CDR GROV RNDBT	1129597
Alternatives Analysis		
Funding and Revenue Discussion		
Other Agency Involvement		
Art Eligibility		
Equity and Social Justice Impact		
Strategic Climate Action Plan Alignment		
Operating Budget Impacts		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

RSD ISS HBRT RD@MAY VLLY RNDBT

1129598

Department	TRANSPORTATION
Council District(s)	9
Fund	3865 KING COUNTY ROAD CONSTRUCTION
Class Code	STANDALONE
Substantial Completion	12/01/2020
Location	13299 Issaquah Hobart Rd SE, Unincorporated KC 98027: Intersection of Issaquah Hobart Rd SE and SE May Valley Rd
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design 01/01/19 - 12/31/19	\$0	\$0	\$600,000	\$0	\$600,000
4 Implementation 01/01/20 - 12/31/20	\$0	\$0	\$2,400,000	\$0	\$2,400,000
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$0	\$3,000,000	\$0	\$3,000,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
33436 - WA ST DEPT TRANSPORTATION	\$0	\$3,000,000	\$0	\$3,000,000
Total Revenue	\$0	\$3,000,000	\$0	\$3,000,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		RSD ISS HBRT RD@MAY VLLY RNDBT				1129598
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$600,000	\$0	\$600,000
4 Implementation	\$0	\$0	\$0	\$2,400,000	\$0	\$2,400,000
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$0	\$0	\$0	\$3,000,000	\$0	\$3,000,000

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0

NARRATIVES RSD ISS HBRT RD@MAY VLLY RNDBT 1129598

Current Scope

Issaquah Hobart Road and May Valley Road Roundabout Project - This project constructs a roundabout at the intersection of Issaquah Hobart Road SE and SE May Valley Road.

Project Justification

Budget Request Basis

Project Status

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	RSD ISS HBRT RD@MAY VLLY RNDBT	1129598
Alternatives Analysis		
Funding and Revenue Discussion		
Other Agency Involvement		
Art Eligibility		
Equity and Social Justice Impact		
Strategic Climate Action Plan Alignment		
Operating Budget Impacts		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

RSD RENTON AVE PH III SIDEWALK

1129599

Green Building Reporting

Department	TRANSPORTATION
Council District(s)	3
Fund	3865 KING COUNTY ROAD CONSTRUCTION
Class Code	STANDALONE
Substantial Completion	12/01/2018
Location	11410 Renton Ave S, Unincorporated KC 98178: Renton Ave S from 68th Ave to S 112th St
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design 01/01/17 - 12/31/17	\$0	\$500,000	\$0	\$0	\$500,000
4 Implementation 01/01/18 - 12/31/18	\$0	\$2,700,000	\$0	\$0	\$2,700,000
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$3,200,000	\$0	\$0	\$3,200,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
33436 - WA ST DEPT TRANSPORTATION	\$3,200,000	\$0	\$0	\$3,200,000
Total Revenue	\$3,200,000	\$0	\$0	\$3,200,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		RSD RENTON AVE PH III SIDEWALK				1129599
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$500,000	\$0	\$0	\$500,000
4 Implementation	\$0	\$0	\$2,700,000	\$0	\$0	\$2,700,000
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$0	\$0	\$3,200,000	\$0	\$0	\$3,200,000

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$500,000	\$500,000	\$0
4 Implementation	\$0	\$2,700,000	\$2,700,000	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$3,200,000	\$3,200,000	\$0

NARRATIVES RSD RENTON AVE PH III SIDEWALK 1129599

Current Scope

Renton Avenue Phase III Sidewalk Project - This project constructs a sidewalk on the west side of Renton Avenue S between 68th Avenue S and S 112th Street, a paved walking surface on the east side of Renton Avenue between 68th Avenue S and S 116th Place, and bicycle lanes on each side of Renton Avenue within the project area.

Project Justification

This non-motorized project will improve the safety of pedestrians and other users in the Renton Avenue corridor and fills a gap in the sidewalk system in unincorporated King County. The project aligns with the County Executive's priorities of Equity and Social Justice and Regional Mobility. The existing walking surface is not compliant with the Americans with Disabilities Act, and it varies from a grass or gravel shoulder to a 4 foot wide uneven, overgrown asphalt walkway to a 6 foot wide paved shoulder. In addition, the existing bicycle lanes are less than 5 feet wide. This road section is a walk route for the Lakeridge and Campbell Hill elementary schools with a total student population of 915 and a 1 mile walk radius. The project area is within an equity and social justice community.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	RSD RENTON AVE PH III SIDEWALK	1129599
Budget Request Basis		
The budget request is based on grant funding.		
Project Status		
New		
Alternatives Analysis		
No alternatives were considered.		
Funding and Revenue Discussion		
Other Agency Involvement		
Work to be reviewed by the Washington State Department of Transportation.		
Art Eligibility		
Roads, airport runway, sewers, or solid waste landfills projects are exempt.		
Equity and Social Justice Impact		
This project was chosen in partnership with the Skyway Solutions community group and will improve walkability for a healthy community and improve upon non-motorized safety throughout the corridor. The project work is in the equity and social justice community of Skyway and addresses a number of the determinants of equity including community and public safety, healthy built and natural environments, strong and vibrant neighborhoods, and access to safe and efficient transportation.		
Strategic Climate Action Plan Alignment		
This project is aligned with the Strategic Climate Action Plan, Goal Areas 1 (Transportation and Land Use), 3 (Green Building) and 4 (Consumption and Materials Management).		
This project will undergo early and ongoing project review to identify opportunities to achieve sustainable infrastructure score card requirements for energy, greenhouse gas emissions, storm water management, materials selection, and construction/demolition materials diversion. Coordinated waste reduction strategies may result in re-use of materials on site when possible, salvaging of materials offsite, disposal of hazardous waste (if applicable), and recycling. Fleet and fuel efficiencies may be gained through judicious project management, logistics, and reduction in travel times.		
Operating Budget Impacts		
Minor positive operating impacts due to improvement of the asset(s).		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

RSD HIGHLINE SCH DIST IMPRVMT

1129600

Green Building Reporting

Department	TRANSPORTATION
Council District(s)	7
Fund	3865 KING COUNTY ROAD CONSTRUCTION
Class Code	STANDALONE
Substantial Completion	12/01/2018
Location	10059 8th Ave SW, Unincorporated KC 98168: 8th Ave SW from SW 100th St to SW 108th St, SW 102nd St from 4 Ave SW to 6th Ave SW.
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design 01/01/17 - 12/31/17	\$0	\$750,000	\$0	\$0	\$750,000
4 Implementation 01/01/18 - 12/31/18	\$0	\$4,500,000	\$0	\$0	\$4,500,000
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$5,250,000	\$0	\$0	\$5,250,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
33436 - WA ST DEPT TRANSPORTATION	\$5,250,000	\$0	\$0	\$5,250,000
Total Revenue	\$5,250,000	\$0	\$0	\$5,250,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		RSD HIGHLINE SCH DIST IMPRVMNT				1129600
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$750,000	\$0	\$0	\$750,000
4 Implementation	\$0	\$0	\$4,500,000	\$0	\$0	\$4,500,000
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$0	\$0	\$5,250,000	\$0	\$0	\$5,250,000

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$750,000	\$750,000	\$0
4 Implementation	\$0	\$4,500,000	\$4,500,000	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$5,250,000	\$5,250,000	\$0

NARRATIVES	RSD HIGHLINE SCH DIST IMPRVMNT	1129600
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Current Scope

Highline School District Improvements Project - This project constructs a sidewalk and a bicycle lane on the west side of 8th Avenue SW from SW 102nd Street to SW 108th Street, a sidewalk and a bicycle lane on the north side of SW 102nd Place between 4th Avenue SW and 6th Avenue SW, a sidewalk on the east side of 6th Avenue SW from SW 102nd Street to just south of SW 100th Street, and a parking area on the west side of this area. In addition, the project installs beacons at pedestrian crossings and pathways surrounding Mount View Elementary, White Center Heights Elementary, and Cascade Middle schools and funds community outreach and education about the improvements.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

RSD HIGHLINE SCH DIST IMPRVMNT

1129600

Project Justification

This non-motorized project will improve the safety of pedestrians and other users in the White Center community and fills a gap in the sidewalk system in unincorporated King County. The project aligns with the County Executive's priorities of Equity and Social Justice, and Regional Mobility. The existing walking surfaces along each section are not compliant with the Americans with Disabilities Act, ranging from one-half-foot of asphalt plus uneven gravel or grass shoulder to 6 feet of asphalt adjacent to the travel lanes. These roadways are identified by the Highline School District as a school walk route and provide access to elementary, middle and senior high schools within one mile. Collision data along the corridor and at these intersections justify these safety improvements. The route is used by those visiting a YWCA, a King County public library and a Seattle/King County Public Health Clinic located within one-half-mile of the project. The project area is within an equity and social justice community and abuts the King County Housing Authority, Greenbridge public and mixed use housing development.

Budget Request Basis

The budget request is based on grant funding.

Project Status

New

Alternatives Analysis

No other alternatives were considered.

Funding and Revenue Discussion

Other Agency Involvement

Work to be reviewed by Washington State Department of Transportation.

Art Eligibility

Roads, airport runway, sewers, or solid waste landfills projects are exempt.

Equity and Social Justice Impact

This project is within the equity and social justice community of White Center. It addresses a number of the determinants of equity including healthy built and natural environments, strong and vibrant neighborhoods, access to safe and efficient transportation, quality education, community and public safety, and access to parks and natural resources. Partners in this project include the Highline School District, the King County Housing Authority and the White Center community.

Strategic Climate Action Plan Alignment

This project is aligned with the Strategic Climate Action Plan, Goal Areas 1 (Transportation and Land Use), 3 (Green Building) and 4 (Consumption and Materials Management).

This project will undergo early and ongoing project review to identify opportunities to achieve sustainable infrastructure score card requirements for energy, greenhouse gas emissions, storm water management, materials selection, and construction/demolition materials diversion. Coordinated waste reduction strategies may result in re-use of materials on site when possible, salvaging of materials offsite, disposal of hazardous waste (if applicable), and recycling. Fleet and fuel efficiencies may be gained through judicious project management, logistics, and reduction in travel times.

Operating Budget Impacts

Minor positive operating impacts due to improvement of the asset(s).

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

RSD SW 108&8 AV SW ROUNDABOUT

1130260

Green Building Reporting

Department	TRANSPORTATION
Council District(s)	8
Fund	3865 KING COUNTY ROAD CONSTRUCTION
Class Code	STANDALONE
Substantial Completion	12/01/2018
Location	SW 108th Street and 8th Avenue SW, Unincorporated King County 98146
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$137,000	\$0	\$0	\$137,000
4 Implementation	\$0	\$606,000	\$0	\$0	\$606,000
5 Closeout	\$0	\$24,000	\$0	\$0	\$24,000
6 Acquisition	\$0	\$25,000	\$0	\$0	\$25,000
Total Budget	\$0	\$792,000	\$0	\$0	\$792,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39782 - CONTRIB COUNTY ROAD FUND	\$792,000	\$0	\$0	\$792,000
Total Revenue	\$792,000	\$0	\$0	\$792,000

EXPENSE

RSD SW 108&8 AV SW ROUNDABOUT

1130260

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$137,000	\$0	\$0	\$137,000
4 Implementation	\$0	\$0	\$606,000	\$0	\$0	\$606,000
5 Closeout	\$0	\$0	\$24,000	\$0	\$0	\$24,000
6 Acquisition	\$0	\$0	\$25,000	\$0	\$0	\$25,000
Total Expense	\$0	\$0	\$792,000	\$0	\$0	\$792,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$137,000	\$137,000	\$0
4 Implementation	\$0	\$606,000	\$606,000	\$0
5 Closeout	\$0	\$24,000	\$24,000	\$0
6 Acquisition	\$0	\$25,000	\$25,000	\$0
Total	\$0	\$792,000	\$792,000	\$0

NARRATIVES

RSD SW 108&8 AV SW ROUNDABOUT

1130260

Current Scope

SW 108th Street and 8th Avenue SW Roundabout Project - This project designs and constructs a mini-roundabout at 8th Avenue SW and SW 108th Street, including a rectangular rapid flashing beacon at the west crosswalk, improvements to the sidewalks, ramps to be compliant with the Americans with Disabilities Act, and other safety improvements.

Project Justification

This project will improve the safety of pedestrians and other users in the White Center community. The intersection was identified as a High Collision Location in King County's report in 2016. The project aligns with the County Executive's priorities of Equity and Social Justice, and Regional Mobility. The intersection is part of a designated "safe route to school" for four Highline schools, and connects to proposed project 1129600 RSD Highline School District Improvements. On-site observations by Road Services Division staff indicate that some drivers fail to yield the right-of-way to pedestrians -- many of which are students. In addition, pedestrian ramps on all quadrants of the intersection are not compliant with the Americans with Disabilities Act.

Budget Request Basis

The budget request is based on grant funding.

Project Status

New

Alternatives Analysis

A traffic signal at this intersection was considered, however, a mini-roundabout was chosen because it is more effective at reducing collisions and it also reduces travel speeds as part of its traffic calming characteristics.

Funding and Revenue Discussion

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

RSD SW 108&8 AV SW ROUNDABOUT

1130260

Other Agency Involvement

Washington State Transportation Improvement Board

Art Eligibility

Roads, airport runways, sewers or solid waste landfill projects are exempt.

Equity and Social Justice Impact

This project is within the ESJ community of White Center. It addresses a number of the determinants of equity including healthy built and natural environments, strong and vibrant neighborhoods, access to safe and efficient transportation, and community and public safety. Partners in this project include the Highline School District, the King County Housing Authority, the Puget Sound Educational Services District and the North Highline Unincorporated Area Council.

Strategic Climate Action Plan Alignment

This project is aligned with the Strategic Climate Action Plan, Goal Areas 1 (Transportation and Land Use), 3 (Green Building) and 4 (Consumption and Materials Management).

This project will undergo early and ongoing project review to identify opportunities to achieve sustainable infrastructure score card requirements for energy, greenhouse gas emissions, storm water management, materials selection, and construction/demolition materials diversion. Coordinated waste reduction strategies may result in re-use of materials on site when possible, salvaging of materials offsite, disposal of hazardous waste (if applicable), and recycling. Fleet and fuel efficiencies may be gained through judicious project management, logistics, and reduction in travel times.

Operating Budget Impacts

Minor positive impacts due to improvements of the asset(s).

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

RSD SE176&SE171 WAY ROUNDABOUT

1130261

Green Building Reporting

Department	TRANSPORTATION
Council District(s)	9
Fund	3865 KING COUNTY ROAD CONSTRUCTION
Class Code	STANDALONE
Substantial Completion	12/01/2018
Location	SE 176th Street and SE 171st Way, Unincorporated King County 98058
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$68,000	\$0	\$0	\$68,000
4 Implementation	\$0	\$272,000	\$0	\$0	\$272,000
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$340,000	\$0	\$0	\$340,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39782 - CONTRIB COUNTY ROAD FUND	\$340,000	\$0	\$0	\$340,000
Total Revenue	\$340,000	\$0	\$0	\$340,000

EXPENSE RSD SE176&SE171 WAY ROUNDABOUT 1130261

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$68,000	\$0	\$0	\$68,000
4 Implementation	\$0	\$0	\$272,000	\$0	\$0	\$272,000
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$0	\$0	\$340,000	\$0	\$0	\$340,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$68,000	\$68,000	\$0
4 Implementation	\$0	\$272,000	\$272,000	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$340,000	\$340,000	\$0

NARRATIVES

RSD SE176&SE171 WAY ROUNDABOUT

1130261

Current Scope

SE 176th Street and SE 171st Way Roundabout Project - This project designs and constructs a mini-roundabout at the intersection of SE 176th Street and SE 171st Way, modify sidewalks and reconstruct ramps to be compliant with the Americans with Disabilities Act.

Project Justification

This project will improve the safety of vehicles and other roadway users in the Fairwood community. SE 176th Street connects multi-family residential developments with a busy commercial area. The intersection was identified as a High Collision Location in King County's reports in 2013 and 2016. The geometry of this intersection is complex and may be confusing for users. In addition, SE 171st Way intersects with SE 176th Street at a skewed angle. Traffic on this segment of SE 176th Street exceeds the posted speed limit, according to a recent speed study. Mini-roundabouts have been effective at reducing collision rates at intersections and they are also effective at reducing conflicts resulting from a skewed intersection such as this.

Budget Request Basis

The budget request is based on grant funding.

Project Status

New

Alternatives Analysis

No other alternatives were considered.

Funding and Revenue Discussion

Other Agency Involvement

Washington State Department of Transportation

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	RSD SE176&SE171 WAY ROUNDABOUT	1130261
Art Eligibility		
Roads, airport runways, sewers or solid waste landfill projects are exempt.		
Equity and Social Justice Impact		
The location of this project is not in an Equity and Social Justice area; this project is ESJ neutral.		
Strategic Climate Action Plan Alignment		
This project is aligned with the Strategic Climate Action Plan, Goal Areas 1 (Transportation and Land Use), 3 (Green Building) and 4 (Consumption and Materials Management).		
This project will undergo early and ongoing project review to identify opportunities to achieve sustainable infrastructure score card requirements for energy, greenhouse gas emissions, storm water management, materials selection, and construction/demolition materials diversion. Coordinated waste reduction strategies may result in re-use of materials on site when possible, salvaging of materials offsite, disposal of hazardous waste (if applicable), and recycling. Fleet and fuel efficiencies may be gained through judicious project management, logistics, and reduction in travel times.		
Operating Budget Impacts		
Minor positive impacts due to improvements of the asset(s).		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

RSD CIP OVERSIGHT 3865

1130303

Department	TRANSPORTATION
Council District(s)	
Fund	3865 KING COUNTY ROAD CONSTRUCTION
Class Code	ADMIN
Substantial Completion	
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 07/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$14,093	\$0	\$0	\$14,093
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$14,093	\$0	\$0	\$14,093

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$14,093	\$0	\$0	\$14,093
Total Revenue	\$14,093	\$0	\$0	\$14,093

EXPENSE RSD CIP OVERSIGHT 3865 1130303

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$14,093	\$0	\$0	\$14,093
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$0	\$0	\$14,093	\$0	\$0	\$14,093

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 07/2016	ITD Budget thru 07/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$14,093	\$14,093	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$14,093	\$14,093	\$0

NARRATIVES

RSD CIP OVERSIGHT 3865

1130303

Current Scope

Capital Improvement Program Oversight Fund 3865 - This project funds the costs for the Capital Projects Oversight Committee.

Project Justification

This project is to pay for auditor related costs for the CIP program.

Budget Request Basis

Budget requested based on model for allocating these auditor costs to agencies.

Project Status

Alternatives Analysis

Funding and Revenue Discussion

Other Agency Involvement

Art Eligibility

Equity and Social Justice Impact

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	RSD CIP OVERSIGHT 3865	1130303
Strategic Climate Action Plan Alignment		
Not applicable.		
Operating Budget Impacts		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status: Approved

SW SOUTH COUNTY RECYCLING & TS

1033497

MPA Reporting, Green Building Reporting, Art Eligible

Department	NATURAL RESOURCES AND PARKS
Council District(s)	5, 7
Fund	3901 SOLID WASTE CONSTRUCTION
Class Code	STANDALONE
Substantial Completion	12/31/2019
Location	Targeting the southern portion of King County (specifically within the service area of the existing Algona Transfer Station). Specific location to be determined based on siting study and EIS.
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 11/01/10 - 07/16/14	\$0	\$4,040,008	\$0	\$0	\$4,040,008
2 Preliminary Design 07/16/14 - 10/31/18	\$0	\$5,422,044	\$51,773	\$0	\$5,473,817
3 Final Design	\$5,543,000	\$1,855,021	\$0	\$253,881	\$7,651,902
4 Implementation	\$2,109,000	(\$2,001,657)	\$35,174,846	\$55,016,357	\$90,298,546
5 Closeout 06/30/22 - 06/30/25	\$0	\$0	\$0	\$574,339	\$574,339
6 Acquisition 05/01/12 - 11/30/19	\$14,391,000	(\$9,315,416)	(\$947,744)	\$0	\$4,127,840
Total Budget	\$22,043,000	\$0	\$34,278,875	\$55,844,577	\$112,166,452

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$893,851	\$0	\$893,851

EXPENSE

SW SOUTH COUNTY RECYCLING & TS

1033497

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$2,992,052	\$798,000	\$247,630	\$0	\$0	\$4,037,682
2 Prelim Design	\$2,325	\$0	\$5,422,044	\$51,773	\$0	\$5,476,142
3 Final Design	\$35,949	\$0	\$2,027,379	\$5,334,693	\$253,881	\$7,651,902
4 Implementation	\$107,343	\$0	\$0	\$35,174,846	\$55,016,357	\$90,298,546
5 Closeout	\$0	\$0	\$0	\$0	\$574,339	\$574,339
6 Acquisition	\$3,006,287	\$0	\$1,087,680	\$33,875	\$0	\$4,127,842
Total Expense	\$6,143,955	\$798,000	\$8,784,733	\$40,595,187	\$55,844,577	\$112,166,452

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$2,992,052	\$0	\$3,790,052
2 Preliminary Design	\$0	\$0	\$2,325	\$0	\$2,325
3 Final Design	\$0	\$0	\$35,949	\$5,543,000	\$35,949
4 Implementation	\$0	\$0	\$107,343	\$2,109,000	\$107,343
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$3,006,287	\$14,391,000	\$3,006,287
Total	\$0	\$0	\$6,143,956	\$22,043,000	\$6,941,956

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$3,790,052)	\$4,040,008	\$247,630	\$2,326
2 Preliminary Design	(\$2,325)	\$5,422,044	\$5,422,044	(\$2,325)
3 Final Design	\$5,507,051	\$1,855,021	\$2,027,379	\$5,334,693
4 Implementation	\$2,001,657	(\$2,001,657)	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$11,384,713	(\$9,315,416)	\$1,087,680	\$981,617
Total	\$15,101,044	\$0	\$8,784,733	\$6,316,311

NARRATIVES

SW SOUTH COUNTY RECYCLING & TS

1033497

Current Scope

South County Recycling and Transfer Station - This project will site, design, permit and construct a new transfer and recycling facility to replace the Algona Transfer Station.

Project Justification

Replacement of the Algona Transfer station with a new solid waste transfer and recycling station was identified in the 2006 Solid Waste Transfer and Waste Management Plan (Transfer Plan). In 2013/2014, the Division updated the Transfer Plan. The Division worked closely with cities and other interested parties to evaluate numerous potential alternatives to the 2006 Plan. The Transfer Plan Review Final Report was submitted to Council on March 3, 2014. June 10, 2014, via Motion 14145, the Council acknowledged receipt of an amended Report which incorporated refinements as a result of discussions among cities, King County Council staff, the auditor and the Division. The updated Plan recommends that the Division "continue siting evaluations for a South County Recycling and Transfer Station", and, if an alternative is selected that calls for a new South County Recycling and Transfer Station (SCRTS) to be built, that it be constructed by the end of 2019.

Budget Request Basis

Project schedule determined cashflow and budget needs. Factoria was used as basis for cost estimates and schedule.

Project Status

In planning phase. Final EIS will be issued in 3Q 2016.

Alternatives Analysis

In progress with EIS.

Funding and Revenue Discussion

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Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

SW SOUTH COUNTY RECYCLING & TS

1033497

Other Agency Involvement

Seattle-King County Public Health and WA Department of Ecology are regulators.

Art Eligibility

Yes.

Equity and Social Justice Impact

As part of siting the new facility a Siting Report is required that will document the Economic and Equity and Social Justice Impacts of the project. The report will look at service area and associated demographic data, and evaluate economic development, construction and operational effects.

Strategic Climate Action Plan Alignment

The rating level targeted is for this project is Platinum, which specifically addresses Goal Area 3: Green Building, Measure 1: Percentage of King County-owned capital projects achieving a Platinum level certification using LEED, the Sustainable Infrastructure Scorecard, or an alternative green building rating system that demonstrates the same performance. The additional cost associated with achieving LEED or scorecard certification is to be determined . The green building and sustainable development strategies employed in this project are to be determined.

Operating Budget Impacts

Capital Appropriation Proposal

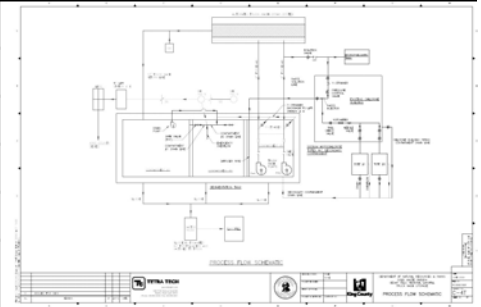
Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

SW CH EQUIP WASH PLATFORM

1033502

TA

Department	NATURAL RESOURCES AND PARKS
Council District(s)	9
Fund	3901 SOLID WASTE CONSTRUCTION
Class Code	STANDALONE
Substantial Completion	07/31/2012
Location	228th Ave SE, Maple Valley WA: 16645 - 228 AVE SE MAPLE VALLEY, WA 98038-6209
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$1,131	\$0	\$0	\$1,131
2 Preliminary Design	\$0	\$66	\$0	\$0	\$66
3 Final Design	\$457,000	(\$8,908)	\$0	\$0	\$448,092
4 Implementation 07/01/11 - 07/01/12	\$2,308,000	(\$1,607,694)	\$0	\$0	\$700,306
5 Closeout 07/01/12 - 12/31/12	\$0	\$4,114	\$0	\$0	\$4,114
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$2,765,000	(\$1,611,291)	\$0	\$0	\$1,153,709

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	(\$1,611,291)	\$0	\$0	(\$1,611,291)
Total Revenue	(\$1,611,291)	\$0	\$0	(\$1,611,291)

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		SW CH EQUIP WASH PLATFORM					1033502
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense	
1 Planning	\$1,131	\$0	\$0	\$0	\$0	\$1,131	
2 Prelim Design	\$66	\$0	\$0	\$0	\$0	\$66	
3 Final Design	\$448,092	\$0	\$0	\$0	\$0	\$448,092	
4 Implementation	\$700,305	\$0	\$0	\$0	\$0	\$700,305	
5 Closeout	\$4,114	\$0	\$0	\$0	\$0	\$4,114	
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0	
Total Expense	\$1,153,709	\$0	\$0	\$0	\$0	\$1,153,709	

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$1,131	\$0	\$1,131
2 Preliminary Design	\$0	\$0	\$66	\$0	\$66
3 Final Design	\$0	\$0	\$448,092	\$457,000	\$448,092
4 Implementation	\$0	\$0	\$700,305	\$2,308,000	\$700,305
5 Closeout	\$0	\$0	\$4,114	\$0	\$4,114
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$1,153,708	\$2,765,000	\$1,153,708

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$1,131)	\$1,131	\$0	\$0
2 Preliminary Design	(\$66)	\$66	\$0	\$0
3 Final Design	\$8,908	(\$8,908)	\$0	\$0
4 Implementation	\$1,607,695	(\$1,607,694)	\$0	\$1
5 Closeout	(\$4,114)	\$4,114	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$1,611,292	(\$1,611,291)	\$0	\$1

NARRATIVES

Current Scope
Cedar Hills Equipment Wash Platform - Construction of a facility to clean the underside of heavy tracked equipment on the active landfill work area. Improvement to the truck wash facility. Includes an evaluation of existing truck wash; construction of a Heavy Equipment Undercarriage Wash Platform on a permanent foundation.
Project Justification
The scope of this project involves construction of a Heavy Equipment Undercarriage Wash Facility near the Heavy Equipment Repair and Fabrication Shop.
Budget Request Basis
N/A

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	SW CH EQUIP WASH PLATFORM	1033502
Project Status		
In project closeout.		
Alternatives Analysis		
N/A		
Funding and Revenue Discussion		
Other Agency Involvement		
N/A		
Art Eligibility		
No. Project not visible to the public.		
Equity and Social Justice Impact		
Not applicable to project.		
Strategic Climate Action Plan Alignment		
N/A		
Operating Budget Impacts		
N/A		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

SW FAC CAPITAL PROJ CNTRL SPRT

1033505

Department	NATURAL RESOURCES AND PARKS
Council District(s)	8
Fund	3901 SOLID WASTE CONSTRUCTION
Class Code	ADMIN
Substantial Completion	
Location	201 S Jackson St Seattle, WA 98104
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$302,867	\$0	\$0	\$0	\$302,867
2 Preliminary Design	\$218,871	\$0	\$0	\$0	\$218,871
3 Final Design	\$829,155	(\$275,166)	(\$443,647)	(\$206,860)	(\$96,518)
4 Implementation 01/01/14 - 12/31/22	\$770,338	\$275,166	\$443,647	\$470,665	\$1,959,816
5 Closeout	\$85,437	\$0	\$0	\$0	\$85,437
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$2,206,668	\$0	\$0	\$263,805	\$2,470,473

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

EXPENSE SW FAC CAPITAL PROJ CNTRL SPRT 1033505

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$253,546	\$0	\$0	\$0	\$0	\$253,546
2 Prelim Design	\$151,665	\$0	\$0	\$0	\$0	\$151,665
3 Final Design	\$152,771	\$0	\$0	\$0	\$0	\$152,771
4 Implementation	\$225,453	\$250,000	\$522,725	\$443,647	\$470,665	\$1,912,490
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$783,436	\$250,000	\$522,725	\$443,647	\$470,665	\$2,470,473

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$253,546	\$302,867	\$253,546
2 Preliminary Design	\$0	\$0	\$151,665	\$218,871	\$151,665
3 Final Design	\$0	\$0	\$152,771	\$829,155	\$152,771
4 Implementation	\$0	\$0	\$225,453	\$770,338	\$475,453
5 Closeout	\$0	\$0	\$0	\$85,437	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$783,435	\$2,206,668	\$1,033,435

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$49,321	\$0	\$0	\$49,321
2 Preliminary Design	\$67,206	\$0	\$0	\$67,206
3 Final Design	\$676,384	(\$275,166)	\$0	\$401,218
4 Implementation	\$294,885	\$275,166	\$522,725	\$47,326
5 Closeout	\$85,437	\$0	\$0	\$85,437
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$1,173,233	\$0	\$522,725	\$650,508

NARRATIVES

SW FAC CAPITAL PROJ CNTRL SPRT

1033505

Current Scope

Facilities Capital Project Control Support - This project will fund support for the Solid Waste Division (SWD) to implement standardized project management processes including CPMWG requirements to ensure compliance with Ordinance 16764 as well as Executive Order 8-1, 8-2, 8-3, 8-4. This includes the update of project management manual, tracking performance, and implementation of a Project Management Document Management system for capital projects reporting. In order to standardize project management in SWD, a Centralized Project Management Unit (CPMU) was formed in 2015. Standardized project management process, protocols, training for CPMU will be developed through this project. This project will fund the work associated with developing, updating, and maintaining Project Information System Management (PRSIM) System to track, budget, and report capital projects performance.

Project Justification

This project is necessary to implement standardized project management processes for new and on-going capital projects to meet capital project reporting and compliance with the new CPMWG requirements, Ordinance 16764, and Executive Orders 8-1, 8-2, 8-3, and 8-4. In order to improve project delivery, it is essential to monitor project performance, manage electronic documents, control document version, and ensure project management processes are consistently applied. This project will ensure compliance with the CPMWG and other King County policies and procedures related to project management and project control.

Budget Request Basis

This request is developed to meet the current project management and project needs for SWD. The budget forecast is based on the current need analysis and anticipated future work requirements. Previous years actual expenditures were used to estimate the future budget.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

SW FAC CAPITAL PROJ CNTRL SPRT

1033505

Project Status

Developed project performance reporting including, pre-baseline, baseline, Mandatory Phased Appropriation (MPA), SWD internal reporting, and other performance monitoring. Served on three different subcommittees and steering committees for the CPMWG to help develop standardized project management tools and templates. Assisted with MPA Risk Scoring update for capital projects. Developed and deployed county-wide project management training. Developed capital projects budget in PRISM. In an effort to support CPMWG initiatives, SWD is developing a pilot Earned Value Management (EVM) tool for monitoring project performance. CPMU is currently planning to update Project Management Manual to ensure continued alignment with CPMWG, SWD business plan, and other industry standards for project management.

Alternatives Analysis

N/A

Funding and Revenue Discussion

N/A

Other Agency Involvement

SWD collaborates with regional government agencies to share and benchmark project management methodologies for continuous improvement of project management.

Art Eligibility

No. Project is for planning and implementation of Ordinance 16764 and Executive Order 8-1,8-2, and CPMWG requirements. No construction activities are included in this project.

Equity and Social Justice Impact

Not applicable to project.

Strategic Climate Action Plan Alignment

N/A

Operating Budget Impacts

N/A

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

SW CONSTR CIP OVERSIGHT

1033507

Department	NATURAL RESOURCES AND PARKS
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3901 SOLID WASTE CONSTRUCTION
Class Code	ADMIN
Substantial Completion	
Location	Countywide
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$135,748	\$3,407	\$0	\$0	\$139,155
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$135,748	\$3,407	\$0	\$0	\$139,155

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$3,407	\$0	\$0	\$3,407
Total Revenue	\$3,407	\$0	\$0	\$3,407

EXPENSE

SW CONSTR CIP OVERSIGHT

1033507

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$9,097	\$0	\$0	\$0	\$0	\$9,097
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$90,611	\$1,646	\$3,407	\$0	\$0	\$95,664
5 Closeout	\$2,252	\$0	\$0	\$0	\$0	\$2,252
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$101,960	\$1,646	\$3,407	\$0	\$0	\$107,013

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$9,097	\$0	\$9,097
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$90,611	\$135,748	\$92,257
5 Closeout	\$0	\$0	\$2,252	\$0	\$2,252
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$101,960	\$135,748	\$103,606

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$9,097)	\$0	\$0	(\$9,097)
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$43,491	\$3,407	\$3,407	\$43,491
5 Closeout	(\$2,252)	\$0	\$0	(\$2,252)
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$32,142	\$3,407	\$3,407	\$32,142

NARRATIVES

SW CONSTR CIP OVERSIGHT

1033507

Current Scope

Construction Capital Improvement Program Oversight - Covers the cost of CIP oversight services provided to the Solid Waste Division's Construction Fund projects by the King County Auditor's Office.

Project Justification

This project is to pay for auditor related costs for the CIP program.

Budget Request Basis

Budget requested based on model for allocating these auditor costs to agencies.

Project Status

N/A

Alternatives Analysis

N/A

Funding and Revenue Discussion

Other Agency Involvement

Art Eligibility

No. Auditor review

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	SW CONSTR CIP OVERSIGHT	1033507
Equity and Social Justice Impact		
Not applicable to project.		
Strategic Climate Action Plan Alignment		
N/A		
Operating Budget Impacts		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

SW ENUMCLAW ENV CNTRL SYS MOD

1116838

Green Building Reporting

Department	NATURAL RESOURCES AND PARKS
Council District(s)	9
Fund	3901 SOLID WASTE CONSTRUCTION
Class Code	STANDALONE
Substantial Completion	10/06/2017
Location	1650 Battersby Ave E, Enumclaw
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/01/13 - 10/31/16	\$391,717	\$0	\$0	\$0	\$391,717
2 Preliminary Design 11/01/16 - 04/30/17	\$76,237	\$261,500	\$0	\$0	\$337,737
3 Final Design 05/01/17 - 07/31/17	\$296,897	\$106,090	\$0	\$0	\$402,987
4 Implementation 08/01/17 - 10/31/17	\$207,126	\$185,657	\$0	\$0	\$392,783
5 Closeout 11/01/17 - 04/30/18	\$2,122	\$0	\$0	\$0	\$2,122
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$974,099	\$553,247	\$0	\$0	\$1,527,346

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$553,247	\$0	\$0	\$553,247
Total Revenue	\$553,247	\$0	\$0	\$553,247

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		SW ENUMCLAW ENV CNTRL SYS MOD				1116838
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$199,819	\$6,704	\$0	\$0	\$0	\$206,523
2 Prelim Design	\$142,201	\$165,057	\$284,280	\$0	\$0	\$591,538
3 Final Design	\$108,107	\$134,465	\$106,090	\$0	\$0	\$348,662
4 Implementation	\$6,242	\$186,604	\$185,657	\$0	\$0	\$378,503
5 Closeout	\$168	\$0	\$0	\$0	\$0	\$168
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$456,537	\$492,830	\$576,027	\$0	\$0	\$1,525,394

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$199,819	\$391,717	\$206,523
2 Preliminary Design	\$0	\$0	\$142,201	\$76,237	\$307,258
3 Final Design	\$0	\$0	\$108,107	\$296,897	\$242,572
4 Implementation	\$0	\$0	\$6,242	\$207,126	\$192,846
5 Closeout	\$0	\$0	\$168	\$2,122	\$168
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$456,537	\$974,099	\$949,367

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$185,194	\$0	\$0	\$185,194
2 Preliminary Design	(\$231,021)	\$261,500	\$284,280	(\$253,801)
3 Final Design	\$54,325	\$106,090	\$106,090	\$54,325
4 Implementation	\$14,280	\$185,657	\$185,657	\$14,280
5 Closeout	\$1,954	\$0	\$0	\$1,954
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$24,732	\$553,247	\$576,027	\$1,952

NARRATIVES SW ENUMCLAW ENV CNTRL SYS MOD 1116838

Current Scope

Enumclaw Environmental Control System Modifications - This project will implement environmental improvements necessary to maintain compliance with local, state, and federal regulations deemed applicable. Investigation at the WAC 173-304 regulated facility Enumclaw Landfill to improve land fill gas control system and also to minimize custodial operations and maintenance requirements; and develop property for ultimate secondary use. There are two subprojects. Subproject one - Replacing aging and insufficient landfill gas flare with newer solar spark flare. This project produces the design, plans and technical specifications to construct a utility flare system, construction management, commissioning and startup services, develop Operations and Maintenance Plan and training. Subproject two - Revision of Post-Closure maintenance recommendations in preparation for termination of Post-closure. This project includes data review of entire site and surrounding wells-groundwater quality, new cross-sections to move towards ending post-closure maintenance.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

SW ENUMCLAW ENV CNTRL SYS MOD

1116838

Project Justification

This project will address improvements to the environmental control systems at the Enumclaw Landfill. Increase of land gas control and treatment efficiencies, and groundwater quality improvements resulting in reduction of operation and maintenance costs. Improving regulatory compliance will reduce the risk for potential regulatory non-compliance due to malfunction of landfill control systems and misalignment with King County Strategic Goals.

Budget Request Basis

This project will address improvements to the environmental control systems at the Enumclaw Landfill to meet regulatory requirements. The current appropriation for 2015-16 provided planning, design and implementation improvement projects for the landfill gas control and treatment system as well as an evaluation of the groundwater monitoring network. These projects will continue in 2017-18. The 2017-18 budget request provides design and implementation to provide alternatives for design and implementation for improvements to the landfill gas and groundwater monitoring networks to demonstrate a reduction in the risk for potential regulatory non-compliance and that the landfill conditions are aligning with the King County Strategic Goals to end the post-closure phase. The 2017-18 budget request is based on similar work completed at Cedar Hills Landfill.

Project Status

Landfill gas flare sub-project has finished final design and procurement of flare is in process. The Revision of Post-Closure maintenance recommendations is in the planning phase.

Alternatives Analysis

Alternative Analysis for the flare replacement has been completed and approved by regulators.

Funding and Revenue Discussion

Other Agency Involvement

Seattle-King County Public Health, Department of Ecology, Puget Sound Clean Air Agency (PSCAA). Ecology provides technical expertise to Health on projects and Health provides final approval and annual Landfill Operating Permit. PSCAA provides the Notice of Construction and operating permit for the landfill gas flare.

Art Eligibility

No. N/A, solid waste landfill.

Equity and Social Justice Impact

N/A

Strategic Climate Action Plan Alignment

The rating level targeted for this project is Platinum, which specifically addresses Goal Area 3: Green Building Measure 1: Percentage of King County-owned capital projects achieving a Platinum level certification using LEED, the Sustainable Infrastructure Scorecard, or an alternative green building rating system that demonstrates the same performance. Green Building strategies used on this project include reusing materials from the site when applicable, making the LFG Flare down scalable to adjust with changing conditions, having the flare be portable so it can be used elsewhere, and minimizing its footprint.

Operating Budget Impacts

Increase of landfill gas control and treatment efficiencies, and groundwater quality improvements resulting in reduction of operational and maintenance costs.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

SW VASHON ENV CNTRL SYS MOD

1116840

Green Building Reporting

Department	NATURAL RESOURCES AND PARKS
Council District(s)	8
Fund	3901 SOLID WASTE CONSTRUCTION
Class Code	STANDALONE
Substantial Completion	12/27/2019
Location	18900 Westside Hwy SW, Vashon
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/01/13 - 06/30/17	\$274,400	\$0	\$0	\$0	\$274,400
2 Preliminary Design 07/01/17 - 06/30/18	\$273,227	\$1,287,500	\$0	\$0	\$1,560,727
3 Final Design 07/01/18 - 01/31/19	\$728,317	\$767,630	\$0	\$0	\$1,495,947
4 Implementation 02/01/19 - 02/29/20	\$1,072,815	(\$800,000)	\$0	\$0	\$272,815
5 Closeout 03/01/20 - 08/31/20	\$2,122	\$0	\$0	\$0	\$2,122
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$2,350,881	\$1,255,130	\$0	\$0	\$3,606,011

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$1,255,130	\$0	\$0	\$1,255,130
Total Revenue	\$1,255,130	\$0	\$0	\$1,255,130

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		SW VASHON ENV CNTRL SYS MOD				1116840
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$215,870	\$302,521	\$0	\$0	\$0	\$518,391
2 Prelim Design	\$912,267	\$70,221	\$1,287,500	\$0	\$0	\$2,269,988
3 Final Design	\$148	\$0	\$742,630	\$0	\$0	\$742,778
4 Implementation	\$67,830	\$0	\$0	\$0	\$0	\$67,830
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$1,196,115	\$372,742	\$2,030,130	\$0	\$0	\$3,598,987

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$215,870	\$274,400	\$518,391
2 Preliminary Design	\$0	\$0	\$912,267	\$273,227	\$982,488
3 Final Design	\$0	\$0	\$148	\$728,317	\$148
4 Implementation	\$0	\$0	\$67,830	\$1,072,815	\$67,830
5 Closeout	\$0	\$0	\$0	\$2,122	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$1,196,115	\$2,350,881	\$1,568,857

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$243,991)	\$0	\$0	(\$243,991)
2 Preliminary Design	(\$709,261)	\$1,287,500	\$1,287,500	(\$709,261)
3 Final Design	\$728,169	\$767,630	\$742,630	\$753,169
4 Implementation	\$1,004,985	(\$800,000)	\$0	\$204,985
5 Closeout	\$2,122	\$0	\$0	\$2,122
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$782,024	\$1,255,130	\$2,030,130	\$7,024

NARRATIVES	SW VASHON ENV CNTRL SYS MOD	1116840
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Current Scope

Vashon Environmental Control System Modifications - This project will implement environmental improvements necessary to maintain compliance with local, state, and federal regulations deemed applicable. Investigation at the WAC 173-351 Regulated facility Vashon Island Landfill has indicated needed improvements to maintain functioning of post closure environmental land fill gas control and treatment system due to aging system. This project includes planning, design and construction for the gas control upgrades. Evaluation of groundwater flow and quality evaluation and monitoring network upgrades.

Project Justification

This project will address improvements to the environmental control systems at the Vashon Closed Landfill. Increase of land fill gas control and treatment efficiencies, and groundwater quality improvements resulting in reduction of operational and maintenance costs. Improving regulatory compliance will reduce the risk for potential regulatory non-compliance due to malfunction of landfill control systems and misalignment with King County Strategic Goals.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	SW VASHON ENV CNTRL SYS MOD	1116840
Budget Request Basis		
<p>This project will address improvements to the environmental control systems at the Vashon Landfill to meet regulatory requirements. The current appropriation for 2015-16 provided planning to identify alternatives for improvements to the landfill cover, and landfill gas control and treatment systems. These projects will proceed to design and implementation in 2017-18. The 2017-18 budget request provides preliminary design and final design for improvements to the wastewater control and treatment system and groundwater monitoring networks to demonstrate a reduction in the risk for potential regulatory non-compliance and that the landfill conditions are aligning with the King County Strategic Goals to end the post-closure phase. The 2017-18 budget request is based on similar work completed at Cedar Hills Landfill.</p>		
Project Status		
<p>Groundwater field data collection and well installations are completed. Gas control system survey and perimeter probe investigation are completed.</p>		
Alternatives Analysis		
<p>Alternatives will be developed during the preliminary design phase.</p>		
Funding and Revenue Discussion		
Other Agency Involvement		
<p>Seattle-King County Public Health, Department of Ecology. Ecology provides a technical expertise to Health on project planning and Health provides final approval and annual Landfill Operating Permit.</p>		
Art Eligibility		
<p>No. No, it is a solid waste landfill.</p>		
Equity and Social Justice Impact		
<p>N/A</p>		
Strategic Climate Action Plan Alignment		
<p>N/A</p>		
Operating Budget Impacts		
<p>Increase of landfill gas control and treatment efficiencies, and groundwater quality improvements resulting in reduction of operational and maintenance costs.</p>		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

SW HOBART LF COVER & GAS CTRL

1124104

Green Building Reporting

Department	NATURAL RESOURCES AND PARKS
Council District(s)	9
Fund	3901 SOLID WASTE CONSTRUCTION
Class Code	STANDALONE
Substantial Completion	02/01/2021
Location	24041 276TH AVE SE MAPLE VALLEY, WA 98038
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/01/15 - 10/31/17	\$82,401	\$413,359	\$0	\$0	\$495,760
2 Preliminary Design 11/01/17 - 04/30/18	\$103,000	\$300,341	\$0	\$0	\$403,341
3 Final Design 05/01/18 - 02/28/19	\$78,119	\$115,521	\$0	\$0	\$193,640
4 Implementation 03/01/19 - 04/30/21	\$636,540	\$674,135	\$0	\$0	\$1,310,675
5 Closeout 05/01/21 - 10/31/21	\$21,218	\$0	\$0	\$0	\$21,218
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$921,278	\$1,503,356	\$0	\$0	\$2,424,634

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39797 - CONTRIB SOLID WASTE	\$1,503,356	\$0	\$0	\$1,503,356
Total Revenue	\$1,503,356	\$0	\$0	\$1,503,356

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		SW HOBART LF COVER & GAS CTRL				1124104
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$37,359	\$376,000	\$0	\$0	\$0	\$413,359
2 Prelim Design	\$209,701	\$0	\$193,640	\$0	\$0	\$403,341
3 Final Design	\$0	\$0	\$193,640	\$0	\$0	\$193,640
4 Implementation	\$0	\$0	\$1,310,675	\$0	\$0	\$1,310,675
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$247,060	\$376,000	\$1,697,955	\$0	\$0	\$2,321,015

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$37,359	\$82,401	\$413,359
2 Preliminary Design	\$0	\$0	\$209,701	\$103,000	\$209,701
3 Final Design	\$0	\$0	\$0	\$78,119	\$0
4 Implementation	\$0	\$0	\$0	\$636,540	\$0
5 Closeout	\$0	\$0	\$0	\$21,218	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$247,060	\$921,278	\$623,060

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$330,958)	\$413,359	\$0	\$82,401
2 Preliminary Design	(\$106,701)	\$300,341	\$193,640	\$0
3 Final Design	\$78,119	\$115,521	\$193,640	\$0
4 Implementation	\$636,540	\$674,135	\$1,310,675	\$0
5 Closeout	\$21,218	\$0	\$0	\$21,218
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$298,218	\$1,503,356	\$1,697,955	\$103,619

NARRATIVES	SW HOBART LF COVER & GAS CTRL	1124104
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Current Scope

Hobart Landfill Cover and Gas Control - Investigation at the WAC 173-304 Regulated facility Hobart Landfill has indicated needed improvements to maintain functioning of post closure environmental control and treatment systems due to aging systems and changed conditions. This project includes planning, design and construction of the upgrades. There are three subprojects. Subproject one - Landfill Cover, Containment Wall and Leachate Control Alternatives Analysis. Subproject two - Produce the design, plans and technical specifications to construct a utility flare system, construction management, commissioning and startup services, develop Operations and Maintenance Plan and training. Subproject three - Design plans and technical specifications to construct a new leachate system.

Project Justification

Increase of landfill gas control and treatment efficiencies, and groundwater quality improvements result in reduction of operation and maintenance costs. Improving regulatory compliance will reduce the risk for potential regulatory non-compliance due to malfunction of landfill control systems and misalignment with King County Strategic Goals.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

SW HOBART LF COVER & GAS CTRL

1124104

Budget Request Basis

This project will address improvements to the environmental control systems at the Hobart Landfill to meet regulatory requirements. The current appropriation for 2015-16 provided planning to identify alternatives for improvements to the landfill cover system. This project will proceed to preliminary design and implementation in 2017-18. The 2017-18 budget request provides preliminary design, final design and implementation for improvements to the landfill gas control and treatment system and groundwater monitoring networks to demonstrate a reduction in the risk for potential regulatory non-compliance and that the landfill conditions are aligning with the King county Strategic Goals to end the post-closure phase. The 2017-18 budget request is based on similar work completed at Cedar Hills and Enumclaw Landfills.

Project Status

Work at Hobart Closed Landfill as completed a review of existing LFG control system performance and existing conditions including: LFG generation, collection, probe data, flare operation optimization data, flare inlet sampling and analysis and options for stem enhancements, and development of preferred LFG treatment alternative. An Alternatives Analysis Technical Memorandum documenting the source of groundwater intrusion and developing potential remedial measures and preferred alternatives has been delivered for agency review. Six groundwater piezometers have been installed to support the evaluation of groundwater intrusion and rising water levels inside the slurry wall.

Alternatives Analysis

Alternative analysis is under review by regulatory agencies.

Funding and Revenue Discussion

Other Agency Involvement

Seattle-King County Public Health, Department of Ecology. Ecology provides technical expertise to Health on project planning and Health provides final approval and annual Landfill Operating Permit.

Art Eligibility

No. N/S solid waste landfill.

Equity and Social Justice Impact

N/A

Strategic Climate Action Plan Alignment

N/A

Operating Budget Impacts

Increase of landfill gas control and treatment efficiencies, and groundwater quality improvements resulting in reduction of operational and maintenance costs.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

SW ALGONA TS DECONSTRUCT

1124107

Department	NATURAL RESOURCES AND PARKS
Council District(s)	7
Fund	3901 SOLID WASTE CONSTRUCTION
Class Code	STANDALONE
Substantial Completion	
Location	35315 West Valley Hwy, Algona, WA 98001
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 11/01/20 - 07/31/21	\$1	\$0	\$22,620	\$123,484	\$146,105
2 Preliminary Design 08/01/21 - 10/31/21	\$0	\$0	\$0	\$121,724	\$121,724
3 Final Design 11/01/21 - 05/31/22	\$0	\$0	\$0	\$293,595	\$293,595
4 Implementation 06/01/22 - 11/30/22	\$0	\$0	\$0	\$1,542,954	\$1,542,954
5 Closeout 12/01/22 - 01/31/23	\$0	\$0	\$0	\$33,433	\$33,433
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$1	\$0	\$22,620	\$2,115,190	\$2,137,811

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

EXPENSE SW ALGONA TS DECONSTRUCT 1124107

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$22,620	\$123,484	\$146,104
2 Prelim Design	\$0	\$0	\$0	\$0	\$121,724	\$121,724
3 Final Design	\$0	\$0	\$0	\$0	\$293,595	\$293,595
4 Implementation	\$0	\$0	\$0	\$0	\$1,542,954	\$1,542,954
5 Closeout	\$0	\$0	\$0	\$0	\$33,433	\$33,433
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$0	\$0	\$0	\$22,620	\$2,115,190	\$2,137,810

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$1	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$1	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$1	\$0	\$0	\$1
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$1	\$0	\$0	\$1

NARRATIVES

SW ALGONA TS DECONSTRUCT

1124107

Current Scope

Algona Transfer Station Deconstruction - Deconstruct the existing Algona Transfer Station following the opening of the new South County RTS

Project Justification

Upon King County Solid Waste departure, the property should be left in a development ready condition for what is likely to be an eventual commercial use.

Budget Request Basis

Project Status

New

Alternatives Analysis

Funding and Revenue Discussion

Other Agency Involvement

Art Eligibility

No. Demolition project.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	SW ALGONA TS DECONSTRUCT	1124107
Equity and Social Justice Impact		
Not applicable to project.		
Strategic Climate Action Plan Alignment		
N/A		
Operating Budget Impacts		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

SW PC DUVALL ENVIRON CTRL SYS

1129849

Department	NATURAL RESOURCES AND PARKS
Council District(s)	3
Fund	3901 SOLID WASTE CONSTRUCTION
Class Code	STANDALONE
Substantial Completion	07/31/2021
Location	22905 NE Old Woodinville-Duvall Road Duvall, WA 98019
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 03/01/17 - 10/31/18	\$0	\$257,500	\$0	\$0	\$257,500
2 Preliminary Design 11/01/18 - 05/31/19	\$0	\$291,747	\$0	\$0	\$291,747
3 Final Design 06/01/19 - 11/30/19	\$0	\$0	\$300,500	\$0	\$300,500
4 Implementation 12/01/19 - 10/31/21	\$0	\$0	\$619,030	\$637,601	\$1,256,631
5 Closeout 11/01/21 - 11/30/21	\$0	\$0	\$0	\$5,000	\$5,000
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$549,247	\$919,530	\$642,601	\$2,111,378

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39797 - CONTRIB SOLID WASTE	\$549,247	\$0	\$0	\$549,247
Total Revenue	\$549,247	\$0	\$0	\$549,247

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		SW PC DUVALL ENVIRON CTRL SYS				1129849
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$257,500	\$0	\$0	\$257,500
2 Prelim Design	\$0	\$0	\$291,747	\$0	\$0	\$291,747
3 Final Design	\$0	\$0	\$0	\$300,500	\$0	\$300,500
4 Implementation	\$0	\$0	\$0	\$619,030	\$637,601	\$1,256,631
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$0	\$0	\$549,247	\$919,530	\$637,601	\$2,106,378

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$257,500	\$257,500	\$0
2 Preliminary Design	\$0	\$291,747	\$291,747	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$549,247	\$549,247	\$0

NARRATIVES SW PC DUVALL ENVIRON CTRL SYS 1129849

Current Scope

Post Closure Duvall Environmental Control Systems - Investigation at the WAC 173-301 Regulated facility Duvall Landfill to implement landfill control system (landfill gas, landfill cover) improvements to meet regulatory requirements; minimize custodial operations and maintenance requirements; and develop property for ultimate secondary use. This project includes planning, design and construction for the upgrades.

Project Justification

Increase of landfill gas control and treatment efficiencies, and groundwater quality improvements resulting in reduction of operational and maintenance costs. Improving regulatory compliance will reduce the risk for potential regulatory non-compliance due to malfunction of landfill control systems and misalignment with King County Strategic Goals.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

SW PC DUVALL ENVIRON CTRL SYS

1129849

Budget Request Basis

The budget is based on current efforts on similar projects. The budget for the planning phase is \$250,000 for the evaluation of current environmental control systems. The budget for the preliminary design phase is \$275,000 for developing a preliminary basis of design as well as an alternative analysis. The budget for the final design phase is \$275,000 for selected alternative. The budget for the implementation phase is \$1,100,000 for construction of selected alternative.

Project Status

This is a new project proposal.

Alternatives Analysis

Alternatives will be developed during the preliminary design phase.

Funding and Revenue Discussion

Other Agency Involvement

Public Health - Seattle and King County will provide final approval of the project and issue the annual Landfill Operating Permit. Washington Department of Ecology provides technical expertise to Health on projects.

Art Eligibility

No. Solid Waste Landfill

Equity and Social Justice Impact

There are no anticipated ESJ impacts to the project.

Strategic Climate Action Plan Alignment

N/A

Operating Budget Impacts

Increase of land fill gas control and treatment efficiencies, and groundwater quality improvements resulting in reduction of operational and maintenance costs. Negotiated agreements with Seattle-King County Department of Health and Washington Department of Ecology on program objectives being achieved and completion of program objectives.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

SW HARBOR ISLAND DOCK DEMO

1129850

Department	NATURAL RESOURCES AND PARKS
Council District(s)	8
Fund	3901 SOLID WASTE CONSTRUCTION
Class Code	STANDALONE
Substantial Completion	06/30/2019
Location	3235 16th Ave SW Seattle, WA 98134
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 04/01/16 - 11/30/16	\$0	\$79,089	\$0	\$0	\$79,089
2 Preliminary Design 12/05/16 - 04/30/17	\$0	\$0	\$0	\$0	\$0
3 Final Design 05/01/17 - 10/14/18	\$0	\$220,559	\$0	\$0	\$220,559
4 Implementation 10/15/18 - 02/28/19	\$0	\$1,569,561	\$1,119,477	\$0	\$2,689,038
5 Closeout 03/01/19 - 04/01/19	\$0	\$0	\$303,462	\$0	\$303,462
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$1,869,209	\$1,422,939	\$0	\$3,292,148

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39797 - CONTRIB SOLID WASTE	\$1,869,209	\$0	\$0	\$1,869,209
Total Revenue	\$1,869,209	\$0	\$0	\$1,869,209

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		SW HARBOR ISLAND DOCK DEMO					1129850
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense	
1 Planning	\$0	\$0	\$79,089	\$0	\$0	\$79,089	
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0	
3 Final Design	\$0	\$0	\$220,559	\$0	\$0	\$220,559	
4 Implementation	\$0	\$0	\$1,569,561	\$1,119,477	\$0	\$2,689,038	
5 Closeout	\$0	\$0	\$0	\$303,462	\$0	\$303,462	
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0	
Total Expense	\$0	\$0	\$1,869,209	\$1,422,939	\$0	\$3,292,148	

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$79,089	\$79,089	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$220,559	\$220,559	\$0
4 Implementation	\$0	\$1,569,561	\$1,569,561	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$1,869,209	\$1,869,209	\$0

NARRATIVES SW HARBOR ISLAND DOCK DEMO 1129850

Current Scope

Harbor Island Dock Demolition - Permitting and demolition of an existing 64,000 sqft condemned dock at Harbor Island facility.

Project Justification

Demolition of the wharf is justified because of the advance state of deterioration. Additionally, Washington Department of Natural Resources is requiring the dock removal as a part of maintaining the marine lease for the property.

Budget Request Basis

This budget request is based on a consulting study.

Project Status

New. The project is the planning phase awaiting budget approval.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

SW HARBOR ISLAND DOCK DEMO

1129850

Alternatives Analysis

Washington Department of Natural Resources is requiring the demolition and removal of the condemned dock and piers. SWD obtained consultant estimates on replacement of the dock in lieu of demolition, however the expense would be between \$20-30M. The decision has been made to move forward with demolition (only) of the dock to avoid the possibility of WA DNR from not renewing the marine lease.

Funding and Revenue Discussion

N/A

Other Agency Involvement

None anticipated.

Art Eligibility

No. This is a demolition project.

Equity and Social Justice Impact

Not applicable to project.

Strategic Climate Action Plan Alignment

This is a demolition project. To the greatest extent possible materials will be recycled.

Operating Budget Impacts

This project is being funded by contributions to the Construction Fund from the SWD Operating Fund budget (A72000). In 2017-2018 SWD expects to surplus the construction staging property next to the Factoria Recycling and Transfer Station (see decision package AC_001 in the operating budget). Those sales proceeds would fund this project.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

SW PC PUY/KIT CNR ENV CTRL SYS

1129851

Department	NATURAL RESOURCES AND PARKS
Council District(s)	7
Fund	3901 SOLID WASTE CONSTRUCTION
Class Code	STANDALONE
Substantial Completion	05/31/2021
Location	South 348th Street & 26th Ave. S Federal Way, WA
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 05/01/17 - 10/31/18	\$0	\$257,500	\$0	\$0	\$257,500
2 Preliminary Design 11/01/18 - 05/31/19	\$0	\$291,747	\$0	\$0	\$291,747
3 Final Design 06/01/19 - 11/30/19	\$0	\$0	\$300,500	\$0	\$300,500
4 Implementation 12/01/19 - 08/31/21	\$0	\$0	\$619,030	\$637,601	\$1,256,631
5 Closeout 09/01/21 - 03/31/22	\$0	\$0	\$0	\$5,000	\$5,000
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$549,247	\$919,530	\$642,601	\$2,111,378

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39797 - CONTRIB SOLID WASTE	\$549,247	\$0	\$0	\$549,247
Total Revenue	\$549,247	\$0	\$0	\$549,247

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		SW PC PUY/KIT CNR ENV CTRL SYS					1129851
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense	
1 Planning	\$0	\$0	\$257,500	\$0	\$0	\$257,500	
2 Prelim Design	\$0	\$0	\$291,747	\$0	\$0	\$291,747	
3 Final Design	\$0	\$0	\$0	\$300,500	\$0	\$300,500	
4 Implementation	\$0	\$0	\$0	\$619,030	\$637,601	\$1,256,631	
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0	
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0	
Total Expense	\$0	\$0	\$549,247	\$919,530	\$637,601	\$2,106,378	

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$257,500	\$257,500	\$0
2 Preliminary Design	\$0	\$291,747	\$291,747	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$549,247	\$549,247	\$0

NARRATIVES SW PC PUY/KIT CNR ENV CTRL SYS 1129851

Current Scope

Post Closure Puyallup / Kit Corner Environmental Control Systems - Investigation at the WAC 173-301 regulated facility Puyallup-Kit Corner Landfill to implement landfill control system (landfill gas, groundwater remediation and landfill cover) improvements to meet regulatory requirements; minimize custodial operations and maintenance requirements; and develop property for ultimate secondary use. This project includes planning, design and construction for the upgrades.

Project Justification

Increase of landfill gas control and treatment efficiencies, and groundwater quality improvements resulting in reduction of operational and maintenance costs. Improving regulatory compliance will reduce the risk for potential regulatory non-compliance due to malfunction of landfill control systems and misalignment with King County Strategic Goals.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

SW PC PUY/KIT CNR ENV CTRL SYS

1129851

Budget Request Basis

The budget is based on current efforts on similar projects. The budget for the planning phase is \$250,000 for the evaluation of current environmental control systems. The budget for the preliminary design phase is \$275,000 for developing preliminary basis of design as well as an alternative analysis. The budget for the final design phase is \$275,000 for selected alternative. The budget for the implementation phase is \$1,100,000 for construction of selected alternative.

Project Status

New

Alternatives Analysis

Alternatives will be developed during the preliminary design phase.

Funding and Revenue Discussion

Other Agency Involvement

Seattle-King county Public Health and Washington Department of Ecology. Ecology provides technical expertise to Health on projects and Health provides final approval and annual Landfill Operating Permit.

Art Eligibility

No. N/A. Solid waste landfill.

Equity and Social Justice Impact

N/A

Strategic Climate Action Plan Alignment

N/A

Operating Budget Impacts

Increase of landfill gas control and treatment efficiencies, and groundwater quality improvements resulting in reduction of operational and maintenance costs. Negotiated agreements with Seattle-King County Department of Health and WA Department of Ecology on program objectives being achieved and completion of program objectives.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

SW PC HOUGHTON ENV CTRL SYS

1129852

Department	NATURAL RESOURCES AND PARKS
Council District(s)	6
Fund	3901 SOLID WASTE CONSTRUCTION
Class Code	STANDALONE
Substantial Completion	04/30/2021
Location	11724 NE 60th St Kirkland WA
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 07/01/17 - 11/30/18	\$0	\$257,500	\$0	\$0	\$257,500
2 Preliminary Design 12/01/18 - 06/30/19	\$0	\$291,747	\$0	\$0	\$291,747
3 Final Design 07/01/19 - 12/31/19	\$0	\$0	\$300,500	\$0	\$300,500
4 Implementation 01/01/20 - 07/31/21	\$0	\$0	\$619,030	\$637,601	\$1,256,631
5 Closeout 08/01/21 - 02/01/22	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$549,247	\$919,530	\$637,601	\$2,106,378

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39797 - CONTRIB SOLID WASTE	\$549,247	\$0	\$0	\$549,247
Total Revenue	\$549,247	\$0	\$0	\$549,247

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		SW PC HOUGHTON ENV CTRL SYS					1129852
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense	
1 Planning	\$0	\$0	\$257,500	\$0	\$0	\$257,500	
2 Prelim Design	\$0	\$0	\$291,747	\$0	\$0	\$291,747	
3 Final Design	\$0	\$0	\$0	\$300,500	\$0	\$300,500	
4 Implementation	\$0	\$0	\$0	\$619,030	\$637,601	\$1,256,631	
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0	
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0	
Total Expense	\$0	\$0	\$549,247	\$919,530	\$637,601	\$2,106,378	

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$257,500	\$257,500	\$0
2 Preliminary Design	\$0	\$291,747	\$291,747	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$549,247	\$549,247	\$0

NARRATIVES	SW PC HOUGHTON ENV CTRL SYS	1129852
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Current Scope

Post Closure Houghton Environmental Control Systems - Investigation at the WAC 173-301 regulated facility Houghton Landfill to implement landfill control system (landfill gas, landfill cover) improvements to meet regulatory requirements; minimize custodial operations and maintenance requirements; and formally develop property for ultimate secondary use. This project includes planning, design and construction for the upgrades.

Project Justification

Increase of landfill gas control and treatment efficiencies and groundwater quality improvements resulting in reduction of operational and maintenance costs. Improving regulatory compliance will reduce the risk for potential regulatory non-compliance due to malfunction of landfill control systems and misalignment with King County Strategic Goals.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	SW PC HOUGHTON ENV CTRL SYS	1129852
Budget Request Basis		
The budget is based on current efforts of similar projects. The budget for the planning phase is \$250,000 for the evaluation of current environmental control systems. The budget for the preliminary design phase is \$275,000 for developing a preliminary basis of design as well as an alternative analysis. The budget for the final design phase is \$275,000 for the selected alternative. The budget for the implementation is \$1,100,000 for construction of selected alternative.		
Project Status		
New.		
Alternatives Analysis		
Alternatives will be developed during the preliminary design phase.		
Funding and Revenue Discussion		
Other Agency Involvement		
Seattle-King County Public Health and Washington Department of Ecology. Ecology provides technical expertise to Health on projects and Health provides final approval and annual Landfill Operating Permit.		
Art Eligibility		
No. N/A. Solid waste landfill.		
Equity and Social Justice Impact		
N/A.		
Strategic Climate Action Plan Alignment		
N/A		
Operating Budget Impacts		
Increase of landfill gas control and treatment efficiencies, and groundwater quality improvements resulting in reduction of operational and maintenance costs. Negotiated agreements with Seattle-King County Department of Health and WA Department of Ecology on program objectives being achieved and completion of program objectives.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

SW CH REV SITE DEV PLAN

1033516

Department	NATURAL RESOURCES AND PARKS
Council District(s)	9
Fund	3910 LANDFILL RESERVE
Class Code	STANDALONE
Substantial Completion	
Location	16645 228th Ave SE, Maple Valley, WA 98038
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 06/20/14 - 12/31/18	\$0	\$1,158,341	\$0	\$0	\$1,158,341
2 Preliminary Design	\$34,302	\$293,240	\$0	\$0	\$327,542
3 Final Design	\$1,620,979	(\$745,246)	\$0	\$0	\$875,733
4 Implementation	\$452,691	(\$240,674)	\$0	\$0	\$212,017
5 Closeout 01/01/19 - 06/30/19	\$60,581	(\$60,533)	\$0	\$0	\$48
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$2,168,553	\$405,128	\$0	\$0	\$2,573,681

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$405,128	\$0	\$0	\$405,128
Total Revenue	\$405,128	\$0	\$0	\$405,128

EXPENSE

SW CH REV SITE DEV PLAN

1033516

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$96,339	\$445,539	\$616,462	\$0	\$0	\$1,158,340
2 Prelim Design	\$327,542	\$0	\$0	\$0	\$0	\$327,542
3 Final Design	\$875,733	\$0	\$0	\$0	\$0	\$875,733
4 Implementation	\$212,017	\$0	\$0	\$0	\$0	\$212,017
5 Closeout	\$48	\$0	\$0	\$0	\$0	\$48
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$1,511,679	\$445,539	\$616,462	\$0	\$0	\$2,573,680

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$96,339	\$0	\$541,878
2 Preliminary Design	\$0	\$0	\$327,542	\$34,302	\$327,542
3 Final Design	\$0	\$0	\$875,733	\$1,620,979	\$875,733
4 Implementation	\$0	\$0	\$212,017	\$452,691	\$212,017
5 Closeout	\$0	\$0	\$48	\$60,581	\$48
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$1,511,679	\$2,168,553	\$1,957,218

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$541,878)	\$1,158,341	\$616,462	\$1
2 Preliminary Design	(\$293,240)	\$293,240	\$0	\$0
3 Final Design	\$745,246	(\$745,246)	\$0	\$0
4 Implementation	\$240,674	(\$240,674)	\$0	\$0
5 Closeout	\$60,533	(\$60,533)	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$211,335	\$405,128	\$616,462	\$1

NARRATIVES

SW CH REV SITE DEV PLAN

1033516

Current Scope

Cedar Hills Revised Site Development Plan - The scope of this project is to develop a revised site development plan with the purpose of extending the useful life of the County's Cedar Hills Regional Landfill beyond the year 2040 from its current projected useful life of 2030 and also develop an Environmental Impact Statement (EIS). The County anticipates that the work will proceed in two phases as follows: 1. Reevaluate the existing site development plan (2010); 2. Explore any new alternative development options to prepare a revised site development plan and will include preparation of site development plan options; identification and evaluation of any environmental impacts; evaluation of the alternatives and selection of the preferred site development option; 3. Prepare conceptual layout plans for five alternative site development plans and cost-economic model; 4. Prepare the Cedar Hills Regional Landfill revised Site Development Plan 2015; 5. Prepare an EIS report following the State Environmental Plan Act (SEPA) Review process including public consultation process, supplemental environmental studies, etc.; and 6. Prepare a Project Program Plan (PPP) for the preferred Site Development Plan. Phase 1: Reevaluate the Existing Site Development Plan and Develop a Revised Site Development Plan 1. The Consultant will review all the alternative development plans considered in the existing site development plan (2010) and will reconsider for further assessment of the impacts of alternative design plans prepared for Area 8 Development. 2. Research and consider any new alternative development plan options (see Task 200). 3. The Consultant will then use this information to: Prepare up to 10 site development plan options to present to the County. Identify and evaluate any environmental and regulatory impacts associated with each of the options. Develop conceptual design plans at 15-20% level for selected five (5) site development plan options. Evaluate and rank the five selected alternatives plans based on selected criteria. Develop an economic model for overall financial impacts for each of the five (5) selected alternative development plan options. Develop an overall ranking matrix based on the design, environmental and economic model for the selected five (5) alternative development plans.

Phase 2 Prepare an Environmental Impact Statement (EIS) (called EIS 2015) The Consultant will prepare an EIS report based on the selected five (5) alternative site development plan options following the State Environmental Plan Act (SEPA) Review process including public consultation process, environmental studies, etc. Phase 1 was completed by its deadline of December 31, 2015. It is anticipated that Phase 2 will be completed by December 30, 2017.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

SW CH REV SITE DEV PLAN

1033516

Project Justification

Current life of the Cedar Hills Regional Landfill is projected to 2024. There is a potential for extending the life of the landfill life for another 15 -20 years through adoption of the innovative technologies and landfilling practice and also better utilizing the remaining areas. Implementation of the project will revise the existing Cedar Hills Regional Landfill Site Development Plan to extend the life of the landfill to at least 2040.

Budget Request Basis

The initial phase (conceptual design) of this project began in 2008 and was completed in 2010 with an appropriated budget of \$1.324 million. The current phase of the project is a result of that initial phase's findings and has an appropriated budget of \$845 thousand and in the 2015-16 biennium. For the new biennium, Solid Waste is requesting an additional \$405 thousand of appropriation to add environmental studies (along with associated SWD oversight of the consultants) to explore the viability of the five options and which of the five should be further explored through a SEPA process which includes public comment. The findings will inform and be incorporated into the EIS. Additional budget has also been anticipated for preparing a response report on the comments during the public hearing process. Approximately 10% of the budget has been kept for contingency.

Project Status

The engineering work to date has identified five alternatives for landfill development which would support continued landfilling through at least 2040. Developed conceptual layout plans for the five alternative site development plans. Developed cost-economic model for the five alternative site development plans. Prepared combined deliverables compiling all the tasks based deliverables for the Phase 1 services.

Alternatives Analysis

Five alternative site development plans have been developed and analyzed in terms of landfilling life (air space), capital investment (cell development and cell closure), operating cost, regulatory requirements. But no particular alternative has been selected yet until the environmental review (SEPA process) is completed.

Funding and Revenue Discussion

This project will be funded by landfill development funds within the landfill reserve fund.

Other Agency Involvement

None.

Art Eligibility

No. Landfill exemption

Equity and Social Justice Impact

Implementation of this project will have equity and social justice impact through: Engaging a engineering consulting firm through soliciting open proposals; utilizing small contractors & suppliers (SCS) for conducting the investigative studies; maximizing utilization of the landfill space at Cedar Hills landfill thus saving rate payers money; outlining the best operational and management practices for future landfill area development.

Strategic Climate Action Plan Alignment

This is a planning level project only. SCAP is not applicable. Once the preferred alternative development plan is selected, a new landfill development project will be developed and implemented when green building aspect will be considered.

Operating Budget Impacts

No significant changes in the current operating budget has been anticipated for any of the five alternatives.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

SW CH AREA 7 CLOSURE

1033542

Baseline Required, Green Building Reporting

Department	NATURAL RESOURCES AND PARKS
Council District(s)	9
Fund	3910 LANDFILL RESERVE
Class Code	STANDALONE
Substantial Completion	03/31/2021
Location	16645 228th Avenue SE, Maple Valley, WA 98038
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 02/16/11 - 04/17/19	\$128,251	\$44,998	\$117,147	\$24,108	\$314,504
2 Preliminary Design 06/22/11 - 09/30/19	\$2,122,381	\$354,601	\$554,771	\$74,695	\$3,106,448
3 Final Design 10/01/12 - 12/31/19	\$675,377	\$566,225	\$1,364,714	\$241,073	\$2,847,389
4 Implementation 02/01/13 - 10/30/20	\$11,110,739	\$6,074,932	\$16,912,611	\$110,917	\$34,209,199
5 Closeout 04/01/14 - 03/31/21	\$185,466	(\$5,685)	\$227,329	\$31,354	\$438,464
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$14,222,214	\$7,035,071	\$19,176,572	\$482,147	\$40,916,004

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$7,035,071	\$0	\$0	\$7,035,071
Total Revenue	\$7,035,071	\$0	\$0	\$7,035,071

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		SW CH AREA 7 CLOSURE				1033542
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$67,619	\$28,867	\$76,763	\$117,147	\$24,108	\$314,504
2 Prelim Design	\$2,040,122	\$108,469	\$328,391	\$554,771	\$74,695	\$3,106,448
3 Final Design	\$112,246	\$263,302	\$866,054	\$1,364,714	\$241,073	\$2,847,389
4 Implementation	\$6,236,786	\$230,936	\$10,717,949	\$16,912,611	\$110,917	\$34,209,199
5 Closeout	\$11,643	\$33,240	\$134,898	\$227,329	\$31,354	\$438,464
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$8,468,415	\$664,814	\$12,124,055	\$19,176,572	\$482,147	\$40,916,003

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$67,619	\$128,251	\$96,486
2 Preliminary Design	\$0	\$0	\$2,040,122	\$2,122,381	\$2,148,591
3 Final Design	\$0	\$0	\$112,246	\$675,377	\$375,548
4 Implementation	\$0	\$0	\$6,236,786	\$11,110,739	\$6,467,722
5 Closeout	\$0	\$0	\$11,643	\$185,466	\$44,883
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$8,468,416	\$14,222,214	\$9,133,230

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$31,765	\$44,998	\$76,763	\$0
2 Preliminary Design	(\$26,210)	\$354,601	\$328,391	\$0
3 Final Design	\$299,829	\$566,225	\$866,054	\$0
4 Implementation	\$4,643,017	\$6,074,932	\$10,717,949	\$0
5 Closeout	\$140,583	(\$5,685)	\$134,898	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$5,088,984	\$7,035,071	\$12,124,055	\$0

NARRATIVES	SW CH AREA 7 CLOSURE	1033542
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Current Scope

Cedar Hills Area 7 Closure - This project consists of a five-stage construction of final cover system over a projected area of about 60 acres of Refuse Area 7 between the year 2011 and 2020. The staged construction are planned in 2013, 2015, 2017, 2018, and 2020. The work includes preliminary and final design, preparation of contract documents, and the installation of liner, landfill gas, leachate, and surface water control facilities.

Project Justification

The Washington State Administrative Code (WAC 173-351) requires that final cover be placed upon the completion of a landfill unit. A staged approach was selected for the construction of final closure facilities in order to increase the efficiency of the landfill gas collection system. Peak landfill gas production typically occurs about five years after placement of refuse. The installation of final cover in stages will enhance gas collection from the older in-place refuse and will reduce the generation of leachate. This project is also required to comply with permit conditions for operating the landfill issued by the Seattle-King County Department of Public Health.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

SW CH AREA 7 CLOSURE

1033542

Budget Request Basis

A baseline cost estimate has been prepared for Stage 1 & 2 closure and a planning level order of magnitude cost estimate has been developed for the whole project. Basis of cost estimates: Construction cost estimate was based on the assumption that construction cost trend for the elements for the older CHRLF Areas 4, 5, and 6 closure will not change substantially unless the typical configuration of the cover system changes and except for normal inflation and lack of adequate competitions for the construction contractors. Being the most recent construction, Area 7 stage 1 & stage 2 closure actual construction cost were given more weight as the configuration of the cover system changed (Exposed Geomembrane) from the previously constructed typical cover system. The construction cost for interim exposed geomembrane cover based closure was approximately \$330,000 per acre. A team of experienced SWD staff reviewed and evaluated the historical closure costs of the Areas 4,5, 6, and 7 (Stage 1 & 2 closure only) it was determined that, for typical closure cover system, the overall all interim, interim final, and final cover construction cost will be approximately \$250,000, \$330,000, and \$380,000 per acres (updated to 2015 price adjusted to the construction cost index as well as nominal inflation factor) respectively; Based on the above cost assumption, the total budget for the whole project has been estimated as Approx. \$40.92 million (inflated).

Project Status

Major work accomplished to date: Stage 1 and Stage 2 closure work have been completed (Out of 5 staged closure). Work currently under way: Planning and design work for the Stage 3 and Stage 4 closure has been started. Construction of Stage 3 & 4 closure will occur respectively in 2017 and 2018. Additional work to be performed but not yet started: Procurement of Construction Management consultant and Construction contractor. Note any significant changes to project scope from the original scope: As mentioned above. Stage 5 closure has been added plus the interim final cover for the top deck.

Alternatives Analysis

Alternative design analysis for the whole project has been completed in 2012.

Funding and Revenue Discussion

Landfill Reserve Funding# 3910

Other Agency Involvement

Seattle-King County Department of Public Health Department of Ecology

Art Eligibility

No. Landfill area.

Equity and Social Justice Impact

Implementation of this project will bring the following Equity and Social Justice impacts: 1) Opportunities for the small contracting and suppliers (SCS) and women & minority firms to participate in every phases of the project; 2) Provide opportunities for apprentices program & employment; 3) This project is for compliance with the Federal, Department of Ecology (DOE), and County health and environmental control regulations; and 4) Will discharge its obligation for disposing the MSW following the best engineering method.

Strategic Climate Action Plan Alignment

Strategic Climate Action Plan Alignment for this project will be done by taking measures on reducing green house (GHG) emissions, using increased percentage of recyclable materials, employing energy efficient construction equipment, utilizing onsite water conservatism (using stormwater for dust suppression during construction). The rating level targeted is for this project is Gold. The additional cost associated with achieving LEED or scorecard certification is 7,262 dollars. The green building and sustainable development strategies employed in this project are greenhouse gas (GHG) Emissions savings by installing geomembrane materials throughout the slopes; use of on-site soil materials. Use of on-site stormwater for dust control instead of using potable water, use of energy efficient construction equipment including dozers, excavator, grader, etc. Use of exposed geomembrane (EGC) as interim final cover thus avoid erosion loss. Installation landfill gas (LFG) collectors and captured GHG generated from the refuse disposed areas. Recycling of HDPE and other construction demolitions materials .

Operating Budget Impacts

No major changes in the current operating budget for the Area 7 is expected.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

SW CH GW MONITORING WELLS

1033543

TA

Department	NATURAL RESOURCES AND PARKS
Council District(s)	9
Fund	3910 LANDFILL RESERVE
Class Code	STANDALONE
Substantial Completion	
Location	16645 228 STREET SE, MAPLE VALLEY
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$101	\$0	\$0	\$101
2 Preliminary Design	\$0	\$55,333	\$0	\$0	\$55,333
3 Final Design	\$907,000	\$150,277	\$0	\$0	\$1,057,277
4 Implementation	\$436,000	(\$241,678)	\$0	\$0	\$194,322
5 Closeout 08/31/12 - 12/31/12	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$1,343,000	(\$35,967)	\$0	\$0	\$1,307,033

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	(\$35,967)	\$0	\$0	(\$35,967)
Total Revenue	(\$35,967)	\$0	\$0	(\$35,967)

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		SW CH GW MONITORING WELLS					1033543
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense	
1 Planning	\$101	\$0	\$0	\$0	\$0	\$101	
2 Prelim Design	\$55,333	\$0	\$0	\$0	\$0	\$55,333	
3 Final Design	\$1,057,277	\$0	\$0	\$0	\$0	\$1,057,277	
4 Implementation	\$194,322	\$0	\$0	\$0	\$0	\$194,322	
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0	
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0	
Total Expense	\$1,307,032	\$0	\$0	\$0	\$0	\$1,307,032	

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$101	\$0	\$101
2 Preliminary Design	\$0	\$0	\$55,333	\$0	\$55,333
3 Final Design	\$0	\$0	\$1,057,277	\$907,000	\$1,057,277
4 Implementation	\$0	\$0	\$194,322	\$436,000	\$194,322
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$1,307,033	\$1,343,000	\$1,307,033

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$101)	\$101	\$0	\$0
2 Preliminary Design	(\$55,333)	\$55,333	\$0	\$0
3 Final Design	(\$150,277)	\$150,277	\$0	\$0
4 Implementation	\$241,678	(\$241,678)	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$35,967	(\$35,967)	\$0	\$0

NARRATIVES SW CH GW MONITORING WELLS 1033543

Current Scope

Cedar Hills Groundwater Monitoring Wells - Decommission and install new groundwater monitoring wells, and update hydrogeologic report.

Project Justification

To address operating permit and other groundwater quality requirements mandated by WAC 173-351, and to further investigate the impact of the Superfund site on the underlying water at the Landfill.

Budget Request Basis

Project Status

In project closeout.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	SW CH GW MONITORING WELLS	1033543
Alternatives Analysis		
Funding and Revenue Discussion		
Other Agency Involvement		
Art Eligibility		
No. Landfill area.		
Equity and Social Justice Impact		
Not applicable to project.		
Strategic Climate Action Plan Alignment		
N/A.		
Operating Budget Impacts		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

SW LFR CAPITAL PROJ CNTRL SPRT

1033547

Department	NATURAL RESOURCES AND PARKS
Council District(s)	8
Fund	3910 LANDFILL RESERVE
Class Code	ADMIN
Substantial Completion	
Location	201 S Jackson St Seattle WA 98104
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$426,986	(\$102,777)	\$0	\$0	\$324,209
2 Preliminary Design	\$93,937	(\$6,332)	\$0	\$0	\$87,605
3 Final Design	\$227,577	(\$135,192)	\$0	\$0	\$92,385
4 Implementation 01/01/14 - 12/31/22	\$635,424	\$280,969	\$556,817	\$528,628	\$2,001,838
5 Closeout	\$36,669	(\$36,668)	\$0	\$0	\$1
6 Acquisition	\$1	\$0	\$0	\$0	\$1
Total Budget	\$1,420,594	\$0	\$556,817	\$528,628	\$2,506,039

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

EXPENSE SW LFR CAPITAL PROJ CNTRL SPRT 1033547

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$324,209	\$0	\$0	\$0	\$0	\$324,209
2 Prelim Design	\$87,605	\$0	\$0	\$0	\$0	\$87,605
3 Final Design	\$92,385	\$0	\$0	\$0	\$0	\$92,385
4 Implementation	\$145,927	\$250,000	\$522,725	\$554,559	\$528,628	\$2,001,839
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$650,125	\$250,000	\$522,725	\$554,559	\$528,628	\$2,506,037

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$324,209	\$426,986	\$324,209
2 Preliminary Design	\$0	\$0	\$87,605	\$93,937	\$87,605
3 Final Design	\$0	\$0	\$92,385	\$227,577	\$92,385
4 Implementation	\$0	\$0	\$145,927	\$635,424	\$395,927
5 Closeout	\$0	\$0	\$0	\$36,669	\$0
6 Acquisition	\$0	\$0	\$0	\$1	\$0
Total	\$0	\$0	\$650,126	\$1,420,594	\$900,126

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$102,777	(\$102,777)	\$0	\$0
2 Preliminary Design	\$6,332	(\$6,332)	\$0	\$0
3 Final Design	\$135,192	(\$135,192)	\$0	\$0
4 Implementation	\$239,497	\$280,969	\$522,725	(\$2,259)
5 Closeout	\$36,669	(\$36,668)	\$0	\$1
6 Acquisition	\$1	\$0	\$0	\$1
Total	\$520,468	\$0	\$522,725	(\$2,257)

NARRATIVES

SW LFR CAPITAL PROJ CNTRL SPRT

1033547

Current Scope

Landfill Reserve Capital Project Control Support - This project will fund support for the Solid Waste Division to implement standardized project management processes including CPMWG requirements to ensure compliance with Ordinance 16764 as well as Executive Order 8-1, 8-2, 8-3,8-4. This includes the update of project management manual, tracking performance, and implementation of a Project Management Document Management system for capital projects reporting. In order to standardize project management in Solid Waste Division (SWD), a Centralized Project Management Unit (CPMU) was formed in 2015. Standardized project management process, protocols, training for CPMU will be developed through this project. This project will fund the work associated with developing, updating, and maintaining Project Information System Management (PRISM) System to track, budget, and report capital projects performance.

Project Justification

This project is necessary to implement standardized project management processes for new and modified capital projects to meet capital project reporting and compliance of new CPMWG requirements, Ordinance 16764, and Executive Orders 8-1 and 8-2. In order to improve project performance reporting, electronic document management, document control, workflow management. This project will ensure compliance with the CPMWG and other King County policies and procedures related to project management and project control.

Budget Request Basis

This budget request was developed based on the current needs, previous years actual expenditures, and anticipated future needs.

Project Status

Developed project performance reporting including, pre-baseline, baseline, Mandatory Phased Appropriation (MPA), SWD internal reporting, and other performance monitoring. Served on three different subcommittees and steering committees for the CPMWG to help develop standardized project management tools and templates. Assisted with MPA Risk Scoring update for capital projects. Developed and deployed county-wide project management training. Developed capital projects budget in PRISM. In an effort to support CPMWG initiatives, SWD is developing a pilot Earned Value Management (EVM) tool for monitoring project performance. CPMU is currently planning to update Project Management Manual to ensure continued alignment with CPMWG, SWD business plan, and other industry standards for project management.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	SW LFR CAPITAL PROJ CNTRL SPRT	1033547
Alternatives Analysis		
N/A		
Funding and Revenue Discussion		
N/A		
Other Agency Involvement		
SWD collaborates with regional government agencies to share and benchmark project management methodologies for continuous improvement of project management.		
Art Eligibility		
No. Project is for planning and implementation of Ordinance 16764 and Executive Order 8-1,8-2,8-3,8-4 and CPMWG requirements and does not involve any construction activities.		
Equity and Social Justice Impact		
Not applicable to project.		
Strategic Climate Action Plan Alignment		
N/A		
Operating Budget Impacts		
N/A		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

SW LFR CIP OVERSIGHT

1033548

Department	NATURAL RESOURCES AND PARKS
Council District(s)	9
Fund	3910 LANDFILL RESERVE
Class Code	ADMIN
Substantial Completion	
Location	16645 228TH STREET SE, MAPLE VALLEY
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$2	\$0	\$0	\$0	\$2
2 Preliminary Design	\$1	\$0	\$0	\$0	\$1
3 Final Design	\$1	\$0	\$0	\$0	\$1
4 Implementation	\$46,682	\$32,503	\$0	\$0	\$79,185
5 Closeout	\$1	\$0	\$0	\$0	\$1
6 Acquisition	\$4,519	\$0	\$0	\$0	\$4,519
Total Budget	\$51,206	\$32,503	\$0	\$0	\$83,709

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$32,503	\$0	\$0	\$32,503
Total Revenue	\$32,503	\$0	\$0	\$32,503

EXPENSE

SW LFR CIP OVERSIGHT

1033548

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$2,791	\$0	\$0	\$0	\$0	\$2,791
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$25,196	\$14,183	\$32,503	\$0	\$0	\$71,882
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$27,987	\$14,183	\$32,503	\$0	\$0	\$74,673

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$2,791	\$2	\$2,791
2 Preliminary Design	\$0	\$0	\$0	\$1	\$0
3 Final Design	\$0	\$0	\$0	\$1	\$0
4 Implementation	\$0	\$0	\$25,196	\$46,682	\$39,379
5 Closeout	\$0	\$0	\$0	\$1	\$0
6 Acquisition	\$0	\$0	\$0	\$4,519	\$0
Total	\$0	\$0	\$27,987	\$51,206	\$42,170

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$2,789)	\$0	\$0	(\$2,789)
2 Preliminary Design	\$1	\$0	\$0	\$1
3 Final Design	\$1	\$0	\$0	\$1
4 Implementation	\$7,303	\$32,503	\$32,503	\$7,303
5 Closeout	\$1	\$0	\$0	\$1
6 Acquisition	\$4,519	\$0	\$0	\$4,519
Total	\$9,036	\$32,503	\$32,503	\$9,036

NARRATIVES

SW LFR CIP OVERSIGHT

1033548

Current Scope

Landfill Reserve Capital Improvement Program Oversight - Covers the cost of CIP oversight services provided to the Solid Waste Division's Landfill Reserve Fund projects by the King County Auditor's Office.

Project Justification

This project is to pay for auditor related costs for the CIP program.

Budget Request Basis

Budget requested based on model for allocating these auditor costs to agencies.

Project Status

N/A

Alternatives Analysis

N/A

Funding and Revenue Discussion

Other Agency Involvement

Art Eligibility

No. Auditor's oversight project.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	SW LFR CIP OVERSIGHT	1033548
Equity and Social Justice Impact		
Not applicable to project.		
Strategic Climate Action Plan Alignment		
N/A		
Operating Budget Impacts		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

CH AREA 8 CLOSURE

1112415

Department	NATURAL RESOURCES AND PARKS
Council District(s)	9
Fund	3910 LANDFILL RESERVE
Class Code	STANDALONE
Substantial Completion	01/01/2018
Location	16645 228 Street SE, MAPLE VALLEY
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/02/19 - 12/31/19	\$1	\$0	\$303,887	\$0	\$303,888
2 Preliminary Design 01/02/20 - 08/03/25	\$1	\$0	\$161,945	\$817,270	\$979,216
3 Final Design 08/03/20 - 12/31/25	\$1	\$0	\$548,203	\$1,520,610	\$2,068,814
4 Implementation 01/03/21 - 01/03/27	\$1	\$0	\$57,198	\$12,951,033	\$13,008,232
5 Closeout 01/03/27 - 09/03/27	\$2	\$0	\$0	\$73,814	\$73,816
6 Acquisition	\$1	\$0	\$0	\$0	\$1
Total Budget	\$7	\$0	\$1,071,233	\$15,362,727	\$16,433,967

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

EXPENSE CH AREA 8 CLOSURE 1112415

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$1,600	\$0	\$0	\$303,887	\$0	\$305,487
2 Prelim Design	\$0	\$0	\$0	\$161,945	\$817,270	\$979,215
3 Final Design	\$3,835	\$0	\$0	\$548,203	\$1,520,610	\$2,072,648
4 Implementation	\$0	\$0	\$0	\$57,198	\$12,951,033	\$13,008,231
5 Closeout	\$0	\$0	\$0	\$0	\$73,814	\$73,814
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$5,435	\$0	\$0	\$1,071,233	\$15,362,727	\$16,439,395

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$1,600	\$1	\$1,600
2 Preliminary Design	\$0	\$0	\$0	\$1	\$0
3 Final Design	\$0	\$0	\$3,835	\$1	\$3,835
4 Implementation	\$0	\$0	\$0	\$1	\$0
5 Closeout	\$0	\$0	\$0	\$2	\$0
6 Acquisition	\$0	\$0	\$0	\$1	\$0
Total	\$0	\$0	\$5,435	\$7	\$5,435

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$1,599)	\$0	\$0	(\$1,599)
2 Preliminary Design	\$1	\$0	\$0	\$1
3 Final Design	(\$3,834)	\$0	\$0	(\$3,834)
4 Implementation	\$1	\$0	\$0	\$1
5 Closeout	\$2	\$0	\$0	\$2
6 Acquisition	\$1	\$0	\$0	\$1
Total	(\$5,428)	\$0	\$0	(\$5,428)

NARRATIVES

CH AREA 8 CLOSURE

1112415

Current Scope

Cedar Hills Area 8 Closure - This project consists of a multistage construction of the final cover system over Refuse Area 8 between the years 2019 and 2027. The staged construction years will be determined. The work includes preliminary and final design, preparation of contract documents, and the installation of liner, landfill gas, leachate, and surface water control facilities.

Project Justification

The Washington State Administrative Code (WAC 173-351) requires that final cover be placed upon the completion of a landfill unit. A staged approach was selected for the construction of final closure facilities in order to increase the efficiency of the landfill gas collection system. Peak landfill gas production typically occurs about five years after placement of refuse. The installation of final cover in stages will enhance gas collection from the older in-place refuse and will reduce the generation of leachate. This project is required to comply with permit conditions for operating the landfill.

Budget Request Basis

Project Status

Alternatives Analysis

Funding and Revenue Discussion

Other Agency Involvement

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	CH AREA 8 CLOSURE	1112415
Art Eligibility		
No. Landfill area		
Equity and Social Justice Impact		
To be determined.		
Strategic Climate Action Plan Alignment		
N/A		
Operating Budget Impacts		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

SW A8 DEV/FACILITY RELOCATION

1115992

Green Building Reporting

Department	NATURAL RESOURCES AND PARKS
Council District(s)	9
Fund	3910 LANDFILL RESERVE
Class Code	STANDALONE
Substantial Completion	12/31/2017
Location	16645 - 228 AVE SE MAPLE VALLEY, WA 98038-6209
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 09/05/12 - 09/19/12	\$0	\$819,536	\$0	\$0	\$819,536
2 Preliminary Design 09/19/12 - 06/21/16	\$661,415	\$2,445,025	\$0	\$0	\$3,106,440
3 Final Design 06/21/16 - 03/06/17	\$3,057,588	\$626,862	\$0	\$0	\$3,684,450
4 Implementation 03/06/17 - 02/15/19	\$32,540,391	\$32,514,284	\$0	\$0	\$65,054,675
5 Closeout 02/15/19 - 04/28/22	\$0	\$635,502	\$0	\$0	\$635,502
6 Acquisition	\$0	\$5,742	\$0	\$0	\$5,742
Total Budget	\$36,259,394	\$37,046,951	\$0	\$0	\$73,306,345

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39797 - CONTRIB SOLID WASTE	\$37,046,951	\$0	\$0	\$37,046,951
Total Revenue	\$37,046,951	\$0	\$0	\$37,046,951

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		SW A8 DEV/FACILITY RELOCATION				1115992
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$310,920	\$357,146	\$151,471	\$0	\$0	\$819,537
2 Prelim Design	\$2,325,689	\$780,751	\$0	\$0	\$0	\$3,106,440
3 Final Design	\$317,002	\$2,655,377	\$712,071	\$0	\$0	\$3,684,450
4 Implementation	\$11,572,277	\$12,142,686	\$39,876,551	\$1,463,161	\$0	\$65,054,675
5 Closeout	\$29,287	\$66,408	\$0	\$539,807	\$0	\$635,502
6 Acquisition	\$5,742	\$0	\$0	\$0	\$0	\$5,742
Total Expense	\$14,560,916	\$16,002,368	\$40,740,093	\$2,002,968	\$0	\$73,306,345

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$310,920	\$0	\$668,066
2 Preliminary Design	\$0	\$0	\$2,325,689	\$661,415	\$3,106,440
3 Final Design	\$0	\$0	\$317,002	\$3,057,588	\$2,972,379
4 Implementation	\$0	\$0	\$11,572,277	\$32,540,391	\$23,714,963
5 Closeout	\$0	\$0	\$29,287	\$0	\$95,695
6 Acquisition	\$0	\$0	\$5,742	\$0	\$5,742
Total	\$0	\$0	\$14,560,917	\$36,259,394	\$30,563,285

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$668,066)	\$819,536	\$151,471	(\$1)
2 Preliminary Design	(\$2,445,025)	\$2,445,025	\$0	\$0
3 Final Design	\$85,209	\$626,862	\$712,071	\$0
4 Implementation	\$8,825,428	\$32,514,284	\$39,876,551	\$1,463,161
5 Closeout	(\$95,695)	\$635,502	\$0	\$539,807
6 Acquisition	(\$5,742)	\$5,742	\$0	\$0
Total	\$5,696,109	\$37,046,951	\$40,740,093	\$2,002,967

NARRATIVES	SW A8 DEV/FACILITY RELOCATION	1115992
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Current Scope

Area 8 Development/Facility Relocation - This project will develop a new landfill area at Cedar Hills Regional Landfill (CHRLF). This effort is consistent with the Project Program Plan (PPP) for development of alternatives at CHRLF approved by the King County Council in December 2010. The approved PPP summarized the five alternatives considered and recommended Alternative 2. Alternative 2 was projected to extend landfill life 5 to 6 years based on the tonnage forecast at that time. The project includes relocation of storm water management facilities and contaminated storm water management facilities, and design and construction of the new landfill areas. This project will be phased over a seven year period (2012 - 2018); There are three (3) sub-projects: sub-project 1 - South Solid Waste Area (SSWA) Excavation, sub-project 2 - Stormwater and Contaminated stormwater pond relocation, and sub-project 3 - construction of the Area 8 Refuse Facility. The schedule proposed in the PPP expected construction to occur between 2014 and 2018. During the project planning, the schedule was revised to focus construction activities between years 2015 and 2018.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

SW A8 DEV/FACILITY RELOCATION

1115992

Project Justification

The existing CHRLF disposal area (Area 7- lift 7) is projected to complete the initial filling plan in December 2018. The new area needs to be designed and constructed in compliance with Washington Administrative Code (WAC 173-351) requirements to begin receiving waste by the time the current disposal area completes the initial filling plan. The filling plan completes filling to Area 7- lift 7 and then the area will be temporarily closed. Capacity gained through settlement will be used in the future. The project schedule provides for substantial completion in December 2018. There is a backup option, using the top of Area 5, that allows the substantial completion to move out as far as December 2019. The remaining capacity in Area 7 will be monitored and updated quarterly, and the completion date adjusted as needed.

Budget Request Basis

We have completed the alternative analysis for the refuse facility and selected an alternative the meets all of the division's criteria based on the 2010 Site Development EIS. Preliminary design has moved to a point that a reliable has been established. The total budget for the project is 71.5 million in 2015 dollars. The budget is based on engineering quantity estimates of major items and application of appropriate contingency factors for estimates made at the planning information level.

Project Status

Removal of the refuse from the South Solid Waste Area was completed in 2015. Construction of the new storm water pond and contaminated storm water pond is starting this summer. The construction contract for this work has been signed with Good fellow Brothers. Construction of the ponds will be completed by the end of 2016. Work is starting on the final design phase of the Area 8 refuse facility. Its construction is planned to start in May of 2017 and will be completed by the end of 2018. The construction of the refuse facility is the last construction stage of the of the Area 8 project. The project will be completed on schedule; prior to the filling of Area 7.

Alternatives Analysis

Alternative analysis were developed for each of the three sub projects required to develop the area refuse facility; removal of waste from SSWA, Relocation of SW and CSW ponds to SSWA, and Construction of the refuse facility where the ponds were previously located. For the SSWA analysis varying extents of removal were reviewed along with various methods of screening. For the pond relocation extensive analysis was made of different flow scenarios and methods to mitigate flow rates and water quality treatments. Several locations and configuration were looked at but alternative siting became limited because of buffer requirement and restrictions by the Bonneville Power Administration. The alternative analysis report for the refuse facility looked at several different sizes of facilities and configurations. In the end the limiting factors became what was the most effective facility that could maximize air space, control gas production, manage excavated material within the CHRL site, and remain stable during earthquake events.

Funding and Revenue Discussion

Other Agency Involvement

Agencies that provided input into the development of the facility included Ecology, King County Department of Health, and the Bonneville Power Administration. Ecology provides the Health department with expertise on project design issues and compliance with WAC requirements. Health provides the final approve or project documents. In addition Ecology's review of the landfill aspects their Dam Safety section reviewed and approved the construction of the ponds. The SSWA is located under BPA power lines. The work of removal of the waste and construction of the ponds required approval of the BPA.

Art Eligibility

No. Landfill area.

Equity and Social Justice Impact

Not applicable to project.

Strategic Climate Action Plan Alignment

The project is developed to utilize all excavated material on site eliminating the need to haul material off site.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

SW A8 DEV/FACILITY RELOCATION

1115992

Operating Budget Impacts

Because area 8 operates essentially the same as Area 7 overall there will be only a short term impact to the operating budget. The same staff working on Area 7 will move to area 8. Staffing is controlled by the rate of refuse received and Area 8 will not change that. During the transition from Area 7 to Area 8 both facilities will be operating at the same time for a period of about 4 months. During this period some added staffing may be needed.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status: Approved

SW CHRLF PUMP STN REPAIR

1129844

Green Building Reporting

Department	NATURAL RESOURCES AND PARKS
Council District(s)	9
Fund	3910 LANDFILL RESERVE
Class Code	STANDALONE
Substantial Completion	09/30/2018
Location	16645 - 228 AVE SE MAPLE VALLEY, WA 98038-6209
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/02/17 - 06/30/17	\$0	\$951,953	\$0	\$0	\$951,953
2 Preliminary Design 07/01/17 - 07/31/18	\$0	\$576,873	\$0	\$0	\$576,873
3 Final Design 10/01/17 - 12/01/17	\$0	\$516,048	\$0	\$0	\$516,048
4 Implementation 07/31/17 - 09/30/18	\$0	\$1,074,992	\$0	\$0	\$1,074,992
5 Closeout 10/01/18 - 12/31/18	\$0	\$10,609	\$0	\$0	\$10,609
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$3,130,475	\$0	\$0	\$3,130,475

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39797 - CONTRIB SOLID WASTE	\$3,130,475	\$0	\$0	\$3,130,475
Total Revenue	\$3,130,475	\$0	\$0	\$3,130,475

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		SW CHRLF PUMP STN REPAIR					1129844
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense	
1 Planning	\$0	\$0	\$951,953	\$0	\$0	\$951,953	
2 Prelim Design	\$0	\$0	\$576,873	\$0	\$0	\$576,873	
3 Final Design	\$0	\$0	\$516,048	\$0	\$0	\$516,048	
4 Implementation	\$0	\$0	\$1,074,992	\$0	\$0	\$1,074,992	
5 Closeout	\$0	\$0	\$10,609	\$0	\$0	\$10,609	
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0	
Total Expense	\$0	\$0	\$3,130,475	\$0	\$0	\$3,130,475	

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$951,953	\$951,953	\$0
2 Preliminary Design	\$0	\$576,873	\$576,873	\$0
3 Final Design	\$0	\$516,048	\$516,048	\$0
4 Implementation	\$0	\$1,074,992	\$1,074,992	\$0
5 Closeout	\$0	\$10,609	\$10,609	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$3,130,475	\$3,130,475	\$0

NARRATIVES SW CHRLF PUMP STN REPAIR 1129844

Current Scope

Cedar Hills Regional Landfill Pump Station Repair - This project includes the evaluation of pumps, controls and sizing for Pump Stations 1A, 2, 3, & 4; inspection of the condition of wet wells for PS1A, PS2, PS3, & PS4; analysis of tributary leachate flows to each pump station and implementation of the following repairs for Pump Station 1A: Repair influent piping valves and valve stems. Wet Well Liner Replacement. Top Slab and Maintenance Pad Replacement. Pump Retrieval and Power Cord Tie-off Upgrades. Level Sensor/Transducer Replacement.. Perform leak test. Replace discharge valves and valve vault

Project Justification

Past inspections of Pump Station 1A identified liner delamination and inlet valve issues. Personal communication with SWD Operations and Facility, Engineering, and Science Unit (FESU) staff have indicated that Pump Stations 2, 3, and 4 require inspection, and an evaluation and analysis of their pumps ability to handle the maximum volume of leachate that is coming into them without causing environmental contamination.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	SW CHRLF PUMP STN REPAIR	1129844
Budget Request Basis		
The budget was developed based on problems identified in an inspection report and personal communication with King County Operations and SWD Facility, Engineering, and Science Unit (FESU) Staff on problems and requirements for Pump Stations 1A, 2 ,3, & 4.		
Project Status		
N/A		
Alternatives Analysis		
N/A. This is a new project and no alternatives analysis performed yet.		
Funding and Revenue Discussion		
N/A		
Other Agency Involvement		
External Agencies: Department of Ecology and Department of Health. May need to coordinate with or obtain permits from these agencies.		
Art Eligibility		
No. Solid waste landfills projects are exempt from 1% for Art.		
Equity and Social Justice Impact		
The repairs of the pump stations will facilitate on-going waste disposal at Cedar Hills and will benefit the broader King County community.		
Strategic Climate Action Plan Alignment		
The project goal is platinum for the Green Building Leadership in Energy & Environmental Design (LEED) Scorecard. The Construction & Demolition (C/D) diversion goal is 80%. Design alternatives will consider sustainable and energy efficient materials and equipment for the pump stations		
Operating Budget Impacts		
The repairs planned for the pump stations will reduce the maintenance demand on the operating budget.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

SW CHRLF N FLARE STATION REHAB

1129847

Department	NATURAL RESOURCES AND PARKS
Council District(s)	9
Fund	3910 LANDFILL RESERVE
Class Code	STANDALONE
Substantial Completion	
Location	16645 - 228 AVE SE MAPLE VALLEY, WA 98038-6209
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/02/17 - 03/31/17	\$0	\$293,685	\$0	\$0	\$293,685
2 Preliminary Design 04/01/17 - 07/31/17	\$0	\$95,275	\$0	\$0	\$95,275
3 Final Design 08/01/17 - 09/30/17	\$0	\$95,275	\$0	\$0	\$95,275
4 Implementation 10/01/17 - 09/30/18	\$0	\$1,183,487	\$0	\$0	\$1,183,487
5 Closeout 10/01/18 - 12/31/18	\$0	\$0	\$5,000	\$0	\$5,000
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$1,667,722	\$5,000	\$0	\$1,672,722

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39797 - CONTRIB SOLID WASTE	\$1,667,722	\$0	\$0	\$1,667,722
Total Revenue	\$1,667,722	\$0	\$0	\$1,667,722

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		SW CHRLF N FLARE STATION REHAB					1129847
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense	
1 Planning	\$0	\$0	\$293,685	\$0	\$0	\$293,685	
2 Prelim Design	\$0	\$0	\$95,275	\$0	\$0	\$95,275	
3 Final Design	\$0	\$0	\$95,275	\$0	\$0	\$95,275	
4 Implementation	\$0	\$0	\$1,183,487	\$0	\$0	\$1,183,487	
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0	
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0	
Total Expense	\$0	\$0	\$1,667,722	\$0	\$0	\$1,667,722	

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$293,685	\$293,685	\$0
2 Preliminary Design	\$0	\$95,275	\$95,275	\$0
3 Final Design	\$0	\$95,275	\$95,275	\$0
4 Implementation	\$0	\$1,183,487	\$1,183,487	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$1,667,722	\$1,667,722	\$0

NARRATIVES SW CHRLF N FLARE STATION REHAB 1129847

Current Scope

Cedar Hills Regional Landfill North Flare Station Rehabilitation - This project includes the design, repair and replacement of the following items:Design, permitting and construction of a rain shelter. Repair of flare footing supports. Replacement and commissioning of 4 blowers. Installation of a new air dry compressor. Exterior painting of flares and refractory repair. Upgrade of flare station electrical panel. Replace and commission flare ignitors.

Project Justification

Inspections by King County SWD Operations and Facility, Engineering, and Science Unit (FESU) Staff identified equipment in need of repair, replacement, or upgrade for the North Flare Station.

Budget Request Basis

The budget was developed based on problems identified in inspections and evaluations by King County SWD Operations and Facility, Engineering, and Science Unit (FESU) Staff of the North Flare Station

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	SW CHRLF N FLARE STATION REHAB	1129847
Project Status		
N/A		
Alternatives Analysis		
N/A. This is a new project and no alternatives analysis performed yet.		
Funding and Revenue Discussion		
N/A		
Other Agency Involvement		
Internal: King County Department of Permitting and Environmental Review (DPER) for permit.		
Art Eligibility		
No. Solid waste landfills projects are exempt from 1% for Art.		
Equity and Social Justice Impact		
N/A		
Strategic Climate Action Plan Alignment		
The project goal is platinum for the Green Building Leadership in Energy & Environmental Design (LEED) Scorecard. The Construction & Demolition (C/D) diversion goal is 80%. Design alternatives will consider sustainable and energy efficient materials and equipment for the North Flare Station		
Operating Budget Impacts		
The repairs planned for the North Flare Station will reduce the maintenance demand on the operating budget.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

SW CHRLF AREA 5 TOP DECK

1129848

Department	NATURAL RESOURCES AND PARKS
Council District(s)	9
Fund	3910 LANDFILL RESERVE
Class Code	STANDALONE
Substantial Completion	
Location	16645 228th Ave SE Maple Valley WA 98038
Cap Status	Approved



BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$482,223	\$0	\$0	\$482,223
3 Final Design	\$0	\$0	\$1,415,562	\$0	\$1,415,562
4 Implementation	\$0	\$0	\$9,846,176	\$10,141,561	\$19,987,737
5 Closeout	\$0	\$0	\$0	\$1,523,756	\$1,523,756
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$482,223	\$11,261,738	\$11,665,317	\$23,409,278

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39797 - CONTRIB SOLID WASTE	\$482,223	\$0	\$0	\$482,223
Total Revenue	\$482,223	\$0	\$0	\$482,223

EXPENSE SW CHRLF AREA 5 TOP DECK 1129848

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$482,223	\$0	\$0	\$482,223
3 Final Design	\$0	\$0	\$0	\$1,415,562	\$0	\$1,415,562
4 Implementation	\$0	\$0	\$0	\$9,846,176	\$10,141,561	\$19,987,737
5 Closeout	\$0	\$0	\$0	\$0	\$1,523,756	\$1,523,756
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$0	\$0	\$482,223	\$11,261,738	\$11,665,317	\$23,409,278

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$482,223	\$482,223	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$482,223	\$482,223	\$0

NARRATIVES

SW CHRLF AREA 5 TOP DECK

1129848

Current Scope

Cedar Hills Regional Landfill Area 5 Top Deck - The primary goal of this project is to develop the top deck of the Area 5 for filling the last lift to 800 feet elevation and construct the final closure cover system for the closed surface. The work includes preliminary and final design, preparation of contract documents, and the installation of liner, landfill gas, leachate, and surface water control facilities. This project consists of the following under two major tasks: 1] area 5 Top deck Development (prepare grading and filling sequence plan; prepare the storm water and CSW plan; prepare LFG collection plan; update the Area 5 Plan of Operations). And 2] Area 5 Top Deck Closure (plan, design, and construction of final cover systems over a projected 34 acres of closed refused surfaces of Area 5 top deck between 2019 and the year 2021).

Project Justification

The current fill plan for the Cedar Hills Regional Landfill places refuse on top of Area 5 after Area 7 has been filled to capacity. At current fill rates, this is estimated to occur in May, 2019. Refuse Area 8 is under construction, and may accept waste following the fill of Area 5 Top Deck if its construction is not completed by the end of 2018.

Budget Request Basis

The requested 2017-2018 budget would help completing the Pre-design phase of the project.

Project Status

N/A

Alternatives Analysis

N/A. Alternative design analysis will be done sometime in 2018.

Funding and Revenue Discussion

Landfill reserve fund 3910.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	SW CHRLF AREA 5 TOP DECK	1129848
Other Agency Involvement		
Seattle-King County Public Health Department and Department of Ecology.		
Art Eligibility		
No. This is not a vertical complex construction project.		
Equity and Social Justice Impact		
Not applicable to project.		
Strategic Climate Action Plan Alignment		
This project is aligned with the DNRP's strategic climate action plan to reduce Green House gas (GHG) emissions from the landfill area under the project. Aiming for Gold or Platinum scorecard rating.		
Operating Budget Impacts		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

DES FMD CAPITAL PRJCT OVERSGHT

1040874

Department	EXECUTIVE SERVICES
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3951 BLDG REPAIR/REPL SUBFUND
Class Code	ADMIN
Substantial Completion	
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$1	\$0	\$0	\$0	\$1
2 Preliminary Design	\$1	\$0	\$0	\$0	\$1
3 Final Design	\$1,391	\$0	\$0	\$0	\$1,391
4 Implementation	\$44,046	\$8,779	\$0	\$0	\$52,825
5 Closeout	\$2	\$0	\$0	\$0	\$2
6 Acquisition	\$1	\$0	\$0	\$0	\$1
Total Budget	\$45,442	\$8,779	\$0	\$0	\$54,221

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$8,779	\$0	\$0	\$8,779
Total Revenue	\$8,779	\$0	\$0	\$8,779

EXPENSE

DES FMD CAPITAL PRJCT OVERSGHT

1040874

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$1,772	\$0	\$0	\$0	\$0	\$1,772
4 Implementation	\$23,600	\$0	\$8,779	\$0	\$0	\$32,379
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$25,372	\$0	\$8,779	\$0	\$0	\$34,151

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$1	\$0
2 Preliminary Design	\$0	\$0	\$0	\$1	\$0
3 Final Design	\$0	\$0	\$1,772	\$1,391	\$1,772
4 Implementation	\$0	\$0	\$23,600	\$44,046	\$23,600
5 Closeout	\$0	\$0	\$0	\$2	\$0
6 Acquisition	\$0	\$0	\$0	\$1	\$0
Total	\$0	\$0	\$25,372	\$45,442	\$25,372

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$1	\$0	\$0	\$1
2 Preliminary Design	\$1	\$0	\$0	\$1
3 Final Design	(\$381)	\$0	\$0	(\$381)
4 Implementation	\$20,446	\$8,779	\$8,779	\$20,446
5 Closeout	\$2	\$0	\$0	\$2
6 Acquisition	\$1	\$0	\$0	\$1
Total	\$20,070	\$8,779	\$8,779	\$20,070

NARRATIVES

DES FMD CAPITAL PRJCT OVERSGHT

1040874

Current Scope

Capital Project Oversight - This is an administrative project payment to cover a proportionate share of the cost of the Capital Project Oversight (CPO) function in the King County Auditor's Office (KCAO).

Project Justification

This payment is a share of the support for the KCAO staff working on capital project oversight.

Budget Request Basis

The CPO amount allocated to the BR&R fund is based on its share of all capital budget in all CIP funds.

Project Status

On-Going

Alternatives Analysis

N/A

Funding and Revenue Discussion

The revenue backing for this project in the BR&R fund is the General Fund.

Other Agency Involvement

King County Auditor's Office

Art Eligibility

This is an administrative project not resulting in an capital project asset.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	DES FMD CAPITAL PRJCT OVERSGHT	1040874
Equity and Social Justice Impact		
NA		
Strategic Climate Action Plan Alignment		
Not applicable because this is an administrative project to facilitate a cash transfer to the King County Auditor's Office.		
Operating Budget Impacts		
This budget supports operating budget in the KCAO.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

DES FMD DC SECURITY VESTIBULES

1116719

Department	EXECUTIVE SERVICES
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3951 BLDG REPAIR/REPL SUBFUND
Class Code	STANDALONE
Substantial Completion	
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$7,466	(\$6,502)	\$0	\$0	\$964
2 Preliminary Design	\$25,507	(\$6,628)	\$0	\$0	\$18,879
3 Final Design	\$99,230	(\$40,576)	\$0	\$0	\$58,654
4 Implementation	\$110,132	(\$98,127)	\$0	\$0	\$12,005
5 Closeout	\$24,835	(\$24,835)	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$267,170	(\$176,668)	\$0	\$0	\$90,502

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39780 - CONTRIB CURRENT EXPENSE	(\$176,668)	\$0	\$0	(\$176,668)
Total Revenue	(\$176,668)	\$0	\$0	(\$176,668)

EXPENSE

DES FMD DC SECURITY VESTIBULES

1116719

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$964		\$0	\$0	\$0	\$964
2 Prelim Design	\$18,879		\$0	\$0	\$0	\$18,879
3 Final Design	\$58,654		\$0	\$0	\$0	\$58,654
4 Implementation	\$12,005		\$0	\$0	\$0	\$12,005
5 Closeout	\$0		\$0	\$0	\$0	\$0
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$90,503		\$0	\$0	\$0	\$90,503

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$964	\$7,466	\$964
2 Preliminary Design	\$0	\$0	\$18,879	\$25,507	\$18,879
3 Final Design	\$0	\$0	\$58,654	\$99,230	\$58,654
4 Implementation	\$0	\$0	\$12,005	\$110,132	\$12,005
5 Closeout	\$0	\$0	\$0	\$24,835	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$90,502	\$267,170	\$90,502

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$6,502	(\$6,502)	\$0	\$0
2 Preliminary Design	\$6,628	(\$6,628)	\$0	\$0
3 Final Design	\$40,576	(\$40,576)	\$0	\$0
4 Implementation	\$98,127	(\$98,127)	\$0	\$0
5 Closeout	\$24,835	(\$24,835)	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$176,668	(\$176,668)	\$0	\$0

NARRATIVES

DES FMD DC SECURITY VESTIBULES

1116719

Current Scope

District Court Security Vestibules - Project dis-appropriation of remaining budget in project to provide awnings over entryways to District Court facilities.

Project Justification

This project is proposed for cancellation due to lower budgetary priority in 2017/2018 General Fund balancing of resources and expenditures.

Budget Request Basis

The District Court has requested that the remaining budget in this project be cancelled.

Project Status

Remaining budget proposed for cancellation.

Alternatives Analysis

The project could be continued but was selected instead for project cancellation in support of the GF 2017/2018 balancing of resources and expenditures.

Funding and Revenue Discussion

This project has General Fund revenue backing that will be available for other priorities in the 2017/2018 budget.

Other Agency Involvement

The District Court proposed cancellation of this project.

Art Eligibility

This is a project cancellation.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	DES FMD DC SECURITY VESTIBULES	1116719
Equity and Social Justice Impact		
N/A		
Strategic Climate Action Plan Alignment		
N/A		
Operating Budget Impacts		
N/A		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

DES FMD Child/Fam Justice Ctr

1117106

Baseline Required, Art Eligible

Department	EXECUTIVE SERVICES
Council District(s)	2
Fund	3951 BLDG REPAIR/REPL SUBFUND
Class Code	STANDALONE
Substantial Completion	
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$1	\$0	\$0	\$0	\$1
2 Preliminary Design	\$5,035,267	\$0	\$0	\$0	\$5,035,267
3 Final Design	\$14,162,355	\$0	\$0	\$0	\$14,162,355
4 Implementation	\$199,774,748	\$3,192,710	\$0	\$0	\$202,967,458
5 Closeout	\$482,627	(\$3,192,710)	\$0	\$0	(\$2,710,083)
6 Acquisition	\$1	\$0	\$0	\$0	\$1
Total Budget	\$219,454,999	\$0	\$0	\$0	\$219,454,999

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$31,611	\$0	\$0	\$31,611

EXPENSE DES FMD Child/Fam Justice Ctr 1117106

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$28,169	\$0	\$0	\$0	\$0	\$28,169
2 Prelim Design	\$7,473,169	\$0	\$0	\$0	\$0	\$7,473,169
3 Final Design	\$8,246,778	\$0	\$0	\$0	\$0	\$8,246,778
4 Implementation	\$4,647,504	\$6,094,649	\$122,476,335	\$21,368,875	\$42,693,655	\$197,281,018
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$20,395,620	\$6,094,649	\$122,476,335	\$21,368,875	\$42,693,655	\$213,029,134

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$28,169	\$28,169	\$28,169	\$1	\$28,169
2 Preliminary Design	\$7,682,941	\$7,682,941	\$7,473,169	\$5,035,267	\$7,473,169
3 Final Design	\$13,207,403	\$13,207,403	\$8,246,778	\$14,162,355	\$8,246,778
4 Implementation	\$190,547,619	\$193,740,329	\$4,647,504	\$199,774,748	\$10,742,153
5 Closeout	\$488,868	\$488,868	\$0	\$482,627	\$0
6 Acquisition	\$0	\$0	\$0	\$1	\$0
Total	\$211,955,000	\$215,147,710	\$20,395,620	\$219,454,999	\$26,490,269

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$28,168)	\$0	\$0	(\$28,168)
2 Preliminary Design	(\$2,437,902)	\$0	\$0	(\$2,437,902)
3 Final Design	\$5,915,577	\$0	\$0	\$5,915,577
4 Implementation	\$189,032,595	\$3,192,710	\$122,476,335	\$69,748,970
5 Closeout	\$482,627	(\$3,192,710)	\$0	(\$2,710,083)
6 Acquisition	\$1	\$0	\$0	\$1
Total	\$192,964,730	\$0	\$122,476,335	\$70,488,395

NARRATIVES

DES FMD Child/Fam Justice Ctr

1117106

Current Scope

Children and Family Justice Center - Redevelop of the existing 9.1 acre YSC site to include a 137,000 sf courthouse, 98,000 detention facility and parking garage for the new Children and Family Justice Center.

Project Justification

This budget proposal adds the design and construction of the Alder School to the Children and Family Justice Center. The Alder School is one of the Seattle Public School Interagency Academy schools that provide educational support to youth that are unable to attend regular school. This school is already operating at the existing YSC and including it in the new CFJC will continue the partnership between King County and the Seattle School District. Co-locating the school with the CFJC will provide efficiencies between court, detention, and school staff as they work to support youth that are attending the school.

Budget Request Basis

The net zero request to transfer existing project budget for use to design and construct the school at the same time as the CFJC courthouse and detention facilities. This integrated construction plan will reduce the total CFJC cost. The estimate was developed as a change to the CFJC project. The school district has sent a letter to FMD confirming that it will contribute \$1 million for this work in return for a long term interest in the space. Negotiations are underway to refine this proposal.

Project Status

The CFJC project is currently in the design phase and construction for Phase 1A is planned to begin in 2016 or early 2017. The Alder school construction will be part of Phase 1B that is scheduled to begin in 2019.

Alternatives Analysis

The alternative to including the school construction in the CFJC construction project is to not build the school or build it after the CFJC project is completed. Building it after completion of the CFJC project would increase the cost of the school construction.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

DES FMD Child/Fam Justice Ctr

1117106

Funding and Revenue Discussion

The CFJC project budget was approved in 2012. At time of approval the project plan was to postpone the school construction budget until an agreement could be reached with the Seattle School District to fund the construction costs. As noted above, construction funding will not be provided by the school district. In its place the funding will be made available from a portion of the additional levy proceeds that were budgeted in the project by the King County Council in a February 2016 ordinance. Following the completion of the negotiation with the Seattle School District additional funding is anticipated in support of this project.

Other Agency Involvement

Superior Court, DAJD, and the Seattle Public School District.

Art Eligibility

N/A

Equity and Social Justice Impact

The Alder school will have a positive impact on under-served communities. Locating the school with the CFJC will provide better access and security for those students not eligible to attend regular school.

Strategic Climate Action Plan Alignment

The overall CFJC project will achieve a LEED Gold certification and will use 26% less energy than a comparable LEED building. Other green building strategies to be used include but not limited to: bioswales, green roofs, red list product prohibition,

Operating Budget Impacts

There will be additional operational and maintenance costs for this building once constructed. The allocation of costs have not been determined between the school district and the County.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

DES FMD PRELIM PLAN & DESIGN

1121771

Master Project, Art Eligible

Department	EXECUTIVE SERVICES
Council District(s)	
Fund	3951 BLDG REPAIR/REPL SUBFUND
Class Code	DES FMD PRELIM PLAN & DESIGN
Substantial Completion	
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 07/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$180,000	\$0	\$2,100,000	\$2,200,000	\$4,480,000
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$2,680,265	\$0	\$0	\$0	\$2,680,265
Total Budget	\$2,860,265	\$0	\$2,100,000	\$2,200,000	\$7,160,265

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39780 - CONTRIB CURRENT EXPENSE	\$0	\$2,100,000	\$2,200,000	\$4,300,000
Total Revenue	\$0	\$2,100,000	\$2,200,000	\$4,300,000

EXPENSE

DES FMD PRELIM PLAN & DESIGN1121771

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$28,951	\$0	\$0	\$2,100,000	\$2,200,000	\$4,328,951
2 Prelim Design	\$21,528	\$0	\$0	\$0	\$0	\$21,528
3 Final Design	\$17,552	\$0	\$0	\$0	\$0	\$17,552
4 Implementation	\$29,040	\$0	\$0	\$0	\$0	\$29,040
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$2,521,247	\$0	\$0	\$0	\$0	\$2,521,247
Total Expense	\$2,618,318	\$0	\$0	\$2,100,000	\$2,200,000	\$6,918,318

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 07/2016	ITD Budget thru 07/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$28,951	\$180,000	\$28,951
2 Preliminary Design	\$0	\$0	\$23,073	\$0	\$21,528
3 Final Design	\$0	\$0	\$17,561	\$0	\$17,552
4 Implementation	\$0	\$0	\$29,142	\$0	\$29,040
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$2,521,247	\$2,680,265	\$2,521,247
Total	\$0	\$0	\$2,619,974	\$2,860,265	\$2,618,318

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$151,049	\$0	\$0	\$151,049
2 Preliminary Design	(\$21,528)	\$0	\$0	(\$21,528)
3 Final Design	(\$17,552)	\$0	\$0	(\$17,552)
4 Implementation	(\$29,040)	\$0	\$0	(\$29,040)
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$159,018	\$0	\$0	\$159,018
Total	\$241,947	\$0	\$0	\$241,947

NARRATIVES

DES FMD PRELIM PLAN & DESIGN

1121771

Current Scope

Project Justification

Each year FMD receives more than 15 new project requests where the review of the proposals would be benefitted by the process outlined in the project scope. Without this project there is risk of poor communication among the client, FMD and PSB, poorly prepared cost estimates, and a haphazard decision process.

The key to the success of any capital project is a clear, accurate and specific understanding of the facility need or problem to be addressed and a thoughtful analysis of alternatives to meet the need or solve the problem. The planning phase provides a number of benefits:

- Better communication among clients, FMD and PSB;
- Opportunities early on to daylight alternatives not previously considered;
- Establishing the context in which to evaluate requests based on the King County Strategic Plan, the agency's business plan, and the county's Real Property Asset Management Plan (RAMP);
- A more structured process to evaluate proposals; and
- ability to analyze potential project benefits prior to the commitment of significant resources.

Budget Request Basis

For the second and third biennia of the 2017-2018 Executive proposed budget this project serves as a placeholder to be reduced as projects are identified, prioritized and proposed in 2018 and 2020.

Project Status

The programmatic project is an on-going project that is being administered as outlined in the scope and project justification.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	DES FMD PRELIM PLAN & DESIGN	1121771
Alternatives Analysis		
N/A.		
Funding and Revenue Discussion		
The placeholder funding for this project in 2019-2020 and 2021-2022 is the General Fund amount identified in the General Fund financial plan.		
Other Agency Involvement		
Not applicable.		
Art Eligibility		
Programmatic project not visible to the public.		
Equity and Social Justice Impact		
The equity and social justice impact will be identified in the projects to be funded and reimbursed to this programmatic project.		
Strategic Climate Action Plan Alignment		
The SCAP impact will be identified in the projects to be funded and reimbursed to this programmatic project.		
Operating Budget Impacts		
The operating budget impact will be identified in the projects to be funded and reimbursed to this programmatic project.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

DES FMD AFIS PROP MGMT UNIT PL

1122048

Green Building Reporting, Art Eligible

Department	EXECUTIVE SERVICES
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3951 BLDG REPAIR/REPL SUBFUND
Class Code	STANDALONE
Substantial Completion	
Location	900 Oaksdale Ave SW 98055 --- AFIS Property Management Unit - Blackriver Building
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$179,336	\$0	\$0	\$0	\$179,336
2 Preliminary Design	\$128,201	\$0	\$0	\$0	\$128,201
3 Final Design	\$565,973	\$416,930	\$0	\$0	\$982,903
4 Implementation	\$6,921	\$8,218,146	\$0	\$0	\$8,225,067
5 Closeout	\$0	\$283,454	\$0	\$0	\$283,454
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$880,431	\$8,918,530	\$0	\$0	\$9,798,961

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$88,271	\$0	\$0	\$88,271

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39724 - CONTRIB AUTO FINGERPRNT ID SYS-AFIS	\$8,918,530	\$0	\$0	\$8,918,530
Total Revenue	\$8,918,530	\$0	\$0	\$8,918,530

EXPENSE DES FMD AFIS PROP MGMT UNIT PL 1122048

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$208,190	\$27,015	\$0	\$0	\$0	\$235,205
2 Prelim Design	\$5,365	\$20,240	\$0	\$0	\$0	\$25,605
3 Final Design	\$0	\$436,000	\$593,421	\$0	\$0	\$1,029,421
4 Implementation	\$7,130		\$8,218,146	\$0	\$0	\$8,225,276
5 Closeout	\$0		\$283,454	\$0	\$0	\$283,454
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$220,686	\$483,255	\$9,095,021	\$0	\$0	\$9,798,962

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$208,190	\$179,336	\$235,205
2 Preliminary Design	\$0	\$0	\$5,365	\$128,201	\$25,605
3 Final Design	\$0	\$0	\$0	\$565,973	\$436,000
4 Implementation	\$0	\$0	\$7,130	\$6,921	\$7,130
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$220,685	\$880,431	\$703,940

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$55,869)	\$0	\$0	(\$55,869)
2 Preliminary Design	\$102,596	\$0	\$0	\$102,596
3 Final Design	\$129,973	\$416,930	\$593,421	(\$46,518)
4 Implementation	(\$209)	\$8,218,146	\$8,218,146	(\$209)
5 Closeout	\$0	\$283,454	\$283,454	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$176,491	\$8,918,530	\$9,095,021	\$0

NARRATIVES

DES FMD AFIS PROP MGMT UNIT PL

1122048

Current Scope

AFIS Property Management Unit Relocation - This project includes the design and construction of a new latent fingerprint processing laboratory for the King County Regional Automated Fingerprint Identification System (AFIS) at the County's Blackriver Building.

Project Justification

Equity and Social Justice No
Strategic Climate Action Plan No
Best Run Government No

King County's AFIS Program is a regional levy funded program that has provided staff and technology to support criminal fingerprint identification services to law enforcement agencies throughout the County since 1988. The program's latent fingerprint staff recovers, preserves, and examines fingerprint evidence from crime scenes and uses the information gathered to identify criminal suspects and testify to findings in court.

Since 2001, the AFIS program's latent fingerprint processing laboratory has been located at the County's Barclay-Dean building in the industrial area south of downtown Seattle. The existing laboratory facility is outdated and undersized for the program's workload, presenting efficiency, employee safety, and evidence security concerns. The 2013-2018 AFIS Levy identified up to \$11.5 for a replacement facility, including \$9.3M for planning, design, and construction, and \$2.2M for property acquisition.

The new processing laboratory will provide an adequately sized, efficient, secure and modernized facility that meets user and customer needs and help insure future accreditation of the AFIS program. The risks of not implementing the project include 1) failure to deliver a key component of the 2012-2018 AFIS Program Levy, 2) inability to efficiently process evidence for criminal cases, 3) inability to maintain secure custody of evidence, 4) accidents and/or injuries to staff caused by crowded in inefficient work space.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

DES FMD AFIS PROP MGMT UNIT PL

1122048

Budget Request Basis

The amount being requested at this time is the amount needed to complete design and construction of the new AFIS lab facility during the 2017-18 biennium. Previous funding was limited to project management, preliminary studies, site selection, and initial design. The Blackriver site was identified as the preferred site and the design-bid-build project delivery method was approved by Council in March 2016. Existing funding will be used to complete the first phase of design work through the end of 2016. The amount of this request will support remaining design work, permitting, bidding, construction, and closeout through 2018.

Project Status

Work accomplished to date has included completion of a needs assessment and project programming document, site selection, a project delivery report, and design consultant selection. Design fees are currently being negotiated and design work is expected to begin in mid-July 2016. Remaining work includes Schematic Design, Design Development, Construction Documents, Bidding, Construction, Commissioning, Move-in, and Closeout. There have been no significant changes to the original scope.

Alternatives Analysis

Alternatives considered to date for this project have centered around site selection and project delivery methods. A search was conducted of existing county properties and lease properties, and the County's Blackriver Building was selected as the most suitable site. A study of project delivery methods was performed that evaluated the traditional design-bid-build method verses alternative methods of design build (DB), general contractor-construction manager (GCCM), and job order contracting (JOC). The evaluation found that the project did not clearly qualify for nor meet the criteria for alternative delivery methods.

Funding and Revenue Discussion

Funding is from the 2012-18 King County Regional AFIS Levy.

Other Agency Involvement

The new facility will be operated by the King County Regional Levy Program, whose customers include that King County Sherriff and most other law enforcement agencies throughout King County, with the exception of the Cities of Seattle and Bellevue.

Art Eligibility

N/A

Equity and Social Justice Impact

No impacts are expected.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

DES FMD AFIS PROP MGMT UNIT PL

1122048

Strategic Climate Action Plan Alignment

This project is obtaining LEED certification.

- The planned LEED/Scorecard certification to be achieved for the project (SCAP target is for all projects to achieve platinum).

LEED Gold (project is a major remodel per Green Building Ordinance)

- Planned or employed green building and sustainable development strategies in this project/applicable subprojects

Unknown at this time – will be assessed during EcoCharette when design begins.

- Additional costs (in \$) in the 0 to 2% Green Building budget category (see budget instructions for category descriptions) associated with achieving LEED or scorecard certification

Unknown at this time.

- Percent the additional costs represent of either the total standalone project cost or of the total programmatic project budget,

Unknown at this time.

Operating Budget Impacts

The project, when completed, will increase the operating costs of the AFIS program because of the increased square footage of the new lab. The per square foot rate has not yet been established but the additional cost is expected to be in the range of \$300,000 - \$400,000 annually.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

DES FMD ASSET MANGMNT SYS

1124148

Department	EXECUTIVE SERVICES
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3951 BLDG REPAIR/REPL SUBFUND
Class Code	STANDALONE
Substantial Completion	07/31/2018
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 02/22/16 - 12/31/16	\$120,000	\$0	\$0	\$0	\$120,000
2 Preliminary Design 01/02/17 - 03/31/17	\$89,722	\$0	\$0	\$0	\$89,722
3 Final Design 04/03/17 - 08/31/17	\$71,903	\$0	\$0	\$0	\$71,903
4 Implementation 09/01/17 - 07/31/18	\$0	\$2,434,648	\$0	\$0	\$2,434,648
5 Closeout 08/01/18 - 12/31/18	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$281,625	\$2,434,648	\$0	\$0	\$2,716,273

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39755 - CONTRIB GO BONDS	\$2,434,648	\$0	\$0	\$2,434,648
Total Revenue	\$2,434,648	\$0	\$0	\$2,434,648

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		DES FMD ASSET MANGMNT SYS					1124148
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense	
1 Planning	\$0	\$281,625	\$0	\$0	\$0	\$281,625	
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0	
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0	
4 Implementation	\$0	\$0	\$2,434,648	\$0	\$0	\$2,434,648	
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0	
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0	
Total Expense	\$0	\$281,625	\$2,434,648	\$0	\$0	\$2,716,273	

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$120,000	\$281,625
2 Preliminary Design	\$0	\$0	\$0	\$89,722	\$0
3 Final Design	\$0	\$0	\$0	\$71,903	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$281,625	\$281,625

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	(\$161,625)	\$0	\$0	(\$161,625)
2 Preliminary Design	\$89,722	\$0	\$0	\$89,722
3 Final Design	\$71,903	\$0	\$0	\$71,903
4 Implementation	\$0	\$2,434,648	\$2,434,648	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$2,434,648	\$2,434,648	\$0

NARRATIVES	DES FMD ASSET MANGMNT SYS	1124148
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Current Scope

Asset Management System - This project is the first of two or three phases intended to purchase, configure, and implement a robust comprehensive system that will increase FMD's efficiency and effectiveness in managing, maintaining, and operating County buildings, leases, and other properties and assets. This project (Phase I) will procure and implement the initial modules of a comprehensive Integrated Workplace Management System solution to align existing Real Estate and Operations functions (currently kept in Excel spreadsheets, an Access database, and the Standardware program) with standard industry practices. The other currently-used programs that could be replaced in future phases include Maximo (maintenance work orders, preventive maintenance), Unifier (capital project control), Access (facility conditions, major maintenance planning), and a number of applications for tracking and managing energy and utility usage. Ultimately, the new comprehensive system will improve data accuracy and maximize revenue through more frequent market-rate adjustments, more efficient use of County-owned space, and reduced risk of forgone revenues from expired or unadjusted leases.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

DES FMD ASSET MANGMNT SYS

1124148

Project Justification

Equity and Social Justice No
Strategic Climate Action Plan No
Best Run Government Yes

Pursuant to county code, FMD manages approximately 40 county-owned buildings, nearly 400 leases as either lessor or lessee, and a portfolio of over 4000 additional parcels such as tax-delinquent properties and unneeded remnants from right-of-way acquisitions. Management of these sites requires a range of activities including operations and maintenance, capital improvements, real estate acquisitions and sales, property and lease negotiation and management, and management of utility, energy, and space usage. Currently, many necessary asset and lease management data, records, procedures, and workflows are incomplete, non-functional, or poorly standardized or documented. There is also little or no cross-referencing of related (or supposedly identical) data between current systems used to manage FMD's different lines of business. This can result in increased costs, foregone revenues, poor decision-making, inconsistent cost estimating, duplicated staff efforts, and less than desirable customer service delivery.

As described in the currently-proposed Real Property Asset Management Plan, an appendix to the King County Comprehensive Plan, this project would improve the planning, managing, and reporting of a number of important FMD asset management functions and provide much-needed coordination between them, allowing them to be managed as a comprehensive, coordinated program.

A King County Audit of FMD's real estate management practices is active at the time of this writing. Although the final report is still in draft form, this proposal would address a number of its expected recommendations.

In addition to the issues described in the first paragraph of this section, King County is currently paying significant amounts of in penalties due to expired leases, and is forgoing revenue it should be collecting from leases whose rents have not been corrected to reflect current market conditions. These costs and others, such as the staff time currently required to update and crosscheck discontinuous side systems, could be avoided with improved recordkeeping.

Budget Request Basis

The needs for improved procedures, data management and connectivity have been recognized for several years, and addressing these needs is one of the County Executive's highest priority short-term initiatives for improving internal operations within the County, contributing to the Best Run Government goal.

The current project estimate was developed based on information from preliminary investigations by FMD and KCIT program and analytical staff's familiarity with FMD operational needs and IT product development, consultants familiar with a variety of products that could fill the needs we identified, and other municipalities that have implemented or are planning to implement similar systems. A detailed description of those findings may be found in the Business Case, cost benefit analysis, and the benefits achievement plan.

This request will support selecting a vendor, system design, data verification and conversion, system implementation ("rollout"), and staff training of modules supporting Real Estate Leasing, Acquisition, Sales/Surplus, Property Management, and Space Planning lines of business. Though additional contingency budget could have been included in this budget proposal to address bid climate risk and other cost risk, the budget adequacy will be re-evaluated in early 2017 after proposals are received.

Project Status

Initial conceptual planning and development was performed in 2015. \$281K was appropriated in February 2016 to support the currently-ongoing work to develop system specifications and an RFP by 12/31/2016. The work remaining to be performed includes selecting a vendor, system design, data verification and conversion, system implementation ("rollout"), and staff training of modules supporting Real Estate Leasing, Acquisition, Sales/Surplus, Property Management, and Space Planning lines of business.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

DES FMD ASSET MANGMNT SYS

1124148

Alternatives Analysis

In addition to the requested CFAM project, three alternatives were evaluated:

Alternative B, "Point solution(s)," would have implemented separate (new) systems to support each business line (i.e. one for leases, one for space management, one for operations and maintenance) and custom build interfaces between systems and County enterprise systems (EBS, PeopleSoft, etc.) It was rejected due to lack of cross-functionality, difficulty of integration between systems, ongoing integrations costs, and the high probability it would have reinforced the existing lack of business-standard processes and records.

Alternative C, "Improve existing systems," would have upgraded, improved, and integrated existing FMD systems with each other and with County enterprise systems such as Oracle EBS. It was rejected due to the inadequacy of the existing systems such as Excel, the challenges presented by the complexity of integrating disparate systems, and the high probability it would have reinforced the existing lack of business-standard processes and records.

Alternative D, "Full IWMS implementation - all 6 modules," would have implemented all available modules, addressing all FMD's lines of business. It was rejected due to cost, the time to develop and implement, impacts to business processes, and the probability that some of the new modules would not offer significant functional improvement over systems they could replace (e.g. Maximo and Unifier programs).

Funding and Revenue Discussion

The project is to be financed with Bond Funds.

Other Agency Involvement

KCIT will continue to be centrally involved in developing the requirements, selecting the vendor, overseeing development and configuration, data conversion, and rollout. RALS Records and Archives will provide guidance during the development of requirements, and oversight/review during configuration, to ensure compliance with state requirements and county standards and policies for records management and retention. BRC will provide requirements and guidance during the development of requirements and during configuration to ensure the selected system will be able to read data from the county's EBS (and possibly PeopleSoft) database. Their assistance will probably be needed periodically if county systems are modified.

Art Eligibility

No - Not visible to the public

Equity and Social Justice Impact

N/A

Strategic Climate Action Plan Alignment

This is not a physical project (software and data will be cloud-based) and will use no additional energy.

Operating Budget Impacts

The project will require the addition of approximately one FTE for system administration, including such tasks as configuring for new users, monitoring and approving system costs and version control, and coordinating system repairs/reconfigurations as programmatic needs or integrated systems change.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

DES FMD RESOURC CONSERV GRANTS

1124441

Master Project

Department	EXECUTIVE SERVICES
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Fund	3951 BLDG REPAIR/REPL SUBFUND
Class Code	DES FMD RESOURC CONSERV GRANTS
Substantial Completion	
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$1,000,000	(\$605,000)	\$0	\$0	\$395,000
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$1,000,000	(\$605,000)	\$0	\$0	\$395,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
38902 - REV CONTINGENCY (BUDGET)	(\$605,000)	\$0	\$0	(\$605,000)
Total Revenue	(\$605,000)	\$0	\$0	(\$605,000)

EXPENSE DES FMD RESOURC CONSERV GRANTS 1124441

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$12,905	\$0	\$0	\$0	\$0	\$12,905
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	(\$605,000)	\$0	\$0	(\$605,000)
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$12,905	\$0	(\$605,000)	\$0	\$0	(\$592,095)

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$12,905	\$0	\$12,905
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$1,000,000	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$12,905	\$1,000,000	\$12,905

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	(\$12,905)	\$0	\$0	(\$12,905)
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$1,000,000	(\$605,000)	(\$605,000)	\$1,000,000
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$987,095	(\$605,000)	(\$605,000)	\$987,095

NARRATIVES

DES FMD RESOURC CONSERV GRANTS

1124441

Current Scope

Contingency Resource Conservation Grants - This CRCG project affords FMD the flexibility to begin resource conservation projects such as energy and water efficiency projects as time-sensitive external funding sources such as grants and other financial awards are approved for transfer to King County. As projects are begun they will be removed from a sub project status in the CRCG project and proposed as a standalone project in a supplemental or biennial budget ordinance.

Project Justification

Unforeseen opportunities may arise for King County's Facilities Management Division to obtain and leverage significant external funding for resource conservation or renewable energy generation projects. The department would like to have the ability to apply for and utilize this funding when and if it is identified and justified.

Budget Request Basis

The CRCG budget can be proposed for reduction by the amount of the grants provided to a new standalone project with a scope matching the purpose outlined in the grant award or can remain the same. In this instance related to the MRJC Solar Energy project the CRCG budget is reduced from \$1,000,000 by the amount of the \$475,000 Washington State Department of Commerce grant awarded in late 2014 and the \$130,000 King County FRED grant approved in the 2015/2016 biennial budget for which debt has been issued and available for reimbursement for the MRJC solar electric project in the 2015/2016 budget. The remaining proposed \$395,000 budget in the CRCG project will be available for other grants that may be awarded in the 2017/2018 budget.

Project Status

There are no pending grant applications that may tap the \$395,000 of proposed remaining contingency budget but grants might be received in the 2017/2018 biennium.

Alternatives Analysis

The project could have remained at the \$1,000,000 contingency budget level but in the interest of transparency it has been reduced by the amount of the \$605,000 grants that are supplemented with a \$261,665 General Fund local grant match in the MRJC Solar project.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

DES FMD RESOURC CONSERV GRANTS

1124441

Funding and Revenue Discussion

The remaining \$395,000 of budget will be revenue backed by additional grant revenue when grants are awarded to the Facilities Management Division.

Other Agency Involvement

The Facilities Management Division will be responsible for administering grants received from grantors such as the Washington State Department of Commerce or other conservation granting agencies.

Art Eligibility

This project is an administrative contingency project not directly resulting in capital assets.

Equity and Social Justice Impact

This is an administrative contingency project not directly resulting in capital assets.

Strategic Climate Action Plan Alignment

While this administrative contingency project is indirectly related to SCAP goals and reporting it provides a mechanism for starting conservation projects later moved to separate standalone project status.

Operating Budget Impacts

Not applicable for a grant contingency project.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

DES FMD YESLER BR UTIL RELOC

1125015

Art Eligible

Department	EXECUTIVE SERVICES
Council District(s)	8
Fund	3951 BLDG REPAIR/REPL SUBFUND
Class Code	STANDALONE
Substantial Completion	
Location	Yesler Bridge Near Yesler Building --- 400 Yesler Way, Seattle WA 98104
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 03/30/15 - 06/01/15	\$13,300	\$0	\$0	\$0	\$13,300
2 Preliminary Design 07/15/15 - 10/30/15	\$73,719	\$11,788	\$0	\$0	\$85,507
3 Final Design 11/01/15 - 03/15/16	\$323,202	\$56,312	\$0	\$0	\$379,514
4 Implementation 05/15/16 - 07/30/17	\$876,214	\$392,366	\$0	\$0	\$1,268,580
5 Closeout 08/01/17 - 11/01/17	\$10,557	\$7,867	\$0	\$0	\$18,424
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$1,296,992	\$468,333	\$0	\$0	\$1,765,325

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$4,683	\$0	\$0	\$4,683

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39780 - CONTRIB CURRENT EXPENSE	\$468,333	\$0	\$0	\$468,333
Total Revenue	\$468,333	\$0	\$0	\$468,333

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		DES FMD YESLER BR UTIL RELOC				1125015
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$12,695		\$0	\$0	\$0	\$12,695
2 Prelim Design	\$2,876	\$30,403	\$11,154	\$0	\$0	\$44,433
3 Final Design	\$4,600	\$202,193	\$53,484	\$0	\$0	\$260,277
4 Implementation	\$0	\$1,042,035	\$375,879	\$0	\$0	\$1,417,914
5 Closeout	\$0	\$22,361	\$7,615	\$0	\$0	\$29,976
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$20,171	\$1,296,992	\$448,132	\$0	\$0	\$1,765,295

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$12,695	\$13,300	\$12,695
2 Preliminary Design	\$0	\$0	\$2,876	\$73,719	\$33,279
3 Final Design	\$0	\$0	\$4,600	\$323,202	\$206,793
4 Implementation	\$0	\$0	\$0	\$876,214	\$1,042,035
5 Closeout	\$0	\$0	\$0	\$10,557	\$22,361
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$20,171	\$1,296,992	\$1,317,163

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$605	\$0	\$0	\$605
2 Preliminary Design	\$40,440	\$11,788	\$11,154	\$41,074
3 Final Design	\$116,409	\$56,312	\$53,484	\$119,237
4 Implementation	(\$165,821)	\$392,366	\$375,879	(\$149,334)
5 Closeout	(\$11,804)	\$7,867	\$7,615	(\$11,552)
6 Acquisition	\$0	\$0	\$0	\$0
Total	(\$20,171)	\$468,333	\$448,132	\$30

NARRATIVES

Current Scope

Yesler Bridge Utility Relocation - Temporarily relocate KC utilities including a security camera, emergency generator fuel tank vents, and an engine exhaust pipe from underneath the Yesler 4th Avenue Bridge to accommodate City of Seattle work on the Yesler Street Bridge. FMD emergency generator vents and exhaust pipe will be temporarily relocated for the duration of the contract and then installed back at the Yesler Bridge site once the City of Seattle project is complete.

Project Justification

The City of Seattle is upgrading the 4th Avenue Yesler Street Bridge. King County has utilities in the right-of-way for their Yesler Building emergency generator and for KCIT network that serves the downtown core. It is King County's responsibility to move the equipment that would interfere with City of Seattle construction work in the right-of-way.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

DES FMD YESLER BR UTIL RELOC

1125015

Budget Request Basis

The project schedule is dictated by the City of Seattle Work. KCIT costs are based on a cost proposal they received from SDOT for work that SDOT will do under their contract. Other KCIT costs based on cost proposals provided by low-voltage vendors who have done work for KCIT in the past. FMD Generator costs were developed by the consultant who designed the temporary relocation of the venting and exhaust piping. Project Admin costs reflect both the FMD PM and the KCIT PM who will be charging to the project. KCIT staff will do in-house design which is also included in the estimate; this estimate was provided by KCIT.

Project Status

- o Design work for KCIT conduit and fiber completed and bid. Conduit work 95% complete.
- o Fiber work to start in early July 2016 and be complete in late September 2016.
- o Generator venting and piping relocation design completed, bid and awarded. Work to start June 22, 2016. Estimated completion date July 30, 2016.
- o Relocation of generator piping and exhaust venting to take place in June 2017 after the City of Seattle has completed their work.

Alternatives Analysis

- o Renting a generator was considered but it would still have to be vented and piped into the building's emergency systems. The cost was greater than doing a temporary relocation of existing. Also, there were more opportunities for failure.
- o Installing emergency pathway lighting and battery backup for the fire alarm systems considered. Cost and design not feasible.
- o There were no alternatives to relocating the KCIT fiber network.

Funding and Revenue Discussion

This phase of the project is funded using General Fund resources.

Other Agency Involvement

Internal Agencies; include DES/FMD and KCIT. External Agencies; City of Seattle SDOT and their contractors.

Art Eligibility

N/A

Equity and Social Justice Impact

Major repairs to an existing building system is not expected to have an impact on the underserved communities. Ensuring the existing building remains operational will allow tenant agencies to continue to provide services to all demographic groups.

Strategic Climate Action Plan Alignment

LEED Certification: (Platinum) (Gold), (N/A)

Utility incentives/grants: (insert \$ if applicable) (N/A)

Preliminary Green Building strategies: divert/recycle building materials, reduce energy, commissioning, use sustainable materials

Additional cost: \$0 Percent of total Project Cost: 0%

Operating Budget Impacts

Renewal of energy systems or repair of major deficiencies will likely improve/reduce operating and maintenance costs, but it is difficult to quantify at this stage of the project development.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

DES FMD MRJC SOLAR ENERGY

1129041

Green Building Reporting

Department	EXECUTIVE SERVICES
Council District(s)	5
Fund	3951 BLDG REPAIR/REPL SUBFUND
Class Code	STANDALONE
Substantial Completion	
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 07/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$750,000	\$866,665	\$0	\$0	\$1,616,665
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$750,000	\$866,665	\$0	\$0	\$1,616,665

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$40,186	\$0	\$0	\$40,186
33708 - INTERLOCAL GRANTS OTHER	\$475,000	\$0	\$0	\$475,000
39113 - GENERAL OBLIGATION BONDS	\$130,000	\$0	\$0	\$130,000
39780 - CONTRIB CURRENT EXPENSE	\$221,479	\$0	\$0	\$221,479
Total Revenue	\$866,665	\$0	\$0	\$866,665

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		DES FMD MRJC SOLAR ENERGY					1129041
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense	
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0	
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0	
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0	
4 Implementation	\$0	\$0	\$0	\$0	\$0	\$0	
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0	
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0	
Total Expense	\$0	\$0	\$0	\$0	\$0	\$0	

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 07/2016	ITD Budget thru 07/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$750,000	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$750,000	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$750,000	\$866,665	\$0	\$1,616,665
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$750,000	\$866,665	\$0	\$1,616,665

NARRATIVES DES FMD MRJC SOLAR ENERGY 1129041

Current Scope

MRJC Solar Energy - This project will install solar electric energy generation equipment on the roof of the Maleng Regional Justice Center with roof maintenance to be completed prior to the solar panel installation on the roof.

Project Justification

The Facilities Management Division was awarded a Washington State Department of Commerce grant in the amount of \$475,000 in late 2014 and a 2015/2016 \$130,000 award from Fund to Reduce Energy Demand (FRED) which is backed by debt that has been issued and available for reimbursement for the solar electric project. The MRJC Solar Energy project was first established as a sub project in the Contingency Resource Conservation Grant project budget. The MRJC Solar Project is now being converted from sub project status in the CRCG project to a standalone project status in this 2017/2018 budget request. An additional \$261,665 is proposed in the 2017/2018 biennial budget as part of the grant local match to fund the maintenance of the roof prior to the installation of the solar panels.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

DES FMD MRJC SOLAR ENERGY

1129041

Budget Request Basis

As envisioned in the scope of the Contingency Conservation Resource Grant (CCRG) project, proposals to move projects from grant contingency status to standalone project status will be included in budget ordinances after grants and matching revenue has been identified. This budget proposal is requested in the 2017/2018 budget now that the scope of work and all three sources of revenue have been identified. The scope includes roof maintenance work and solar panel installation with revenue backing from the Washington Department of Commerce awarded in late 2014, the FRED program in the 2015/2016 budget and the General Fund contribution proposed in the 2017/2018 budget.

Project Status

This project is moving from an existing sub-project status in the grant contingency project to standalone project status to improve budget transparency.

Alternatives Analysis

The move from existing sub-project status to standalone budget status could have been proposed earlier but it was decided to wait until the 2017/2018 budget to finalize the proposed General Fund contribution to cover the cost of roof preparation before solar panel installation.

Funding and Revenue Discussion

This \$866,665 project is revenue backed with 1.) \$475,000 State of Washington Department of Commerce funding intended to create jobs and reduce energy costs, 2.) \$130,000 of King County FRED program funding based on energy saving assumptions, and 3.) the \$221,479 General Fund contribution proposed in the 2017/2018 biennial budget, and 4.) \$40,186 of fund balance utilization.

Other Agency Involvement

The Facilities Management Division will implement the project with support from MRJC tenants and the State of Washington Department of Commerce grants.

Art Eligibility

The project is not art eligible because it is on a roof top not visible to the public.

Equity and Social Justice Impact

Not applicable.

Strategic Climate Action Plan Alignment

This project furthers the SCAP goals as it provides a climate friendly energy source for the MRJC facility.

Operating Budget Impacts

MRJC operating costs will be reduced following completion of the alternative energy source.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

DES FMD PH COLUMBIA DENTAL CLI

1129759

Green Building Reporting, Art Eligible

Department	EXECUTIVE SERVICES
Council District(s)	2, 8
Fund	3951 BLDG REPAIR/REPL SUBFUND
Class Code	STANDALONE
Substantial Completion	
Location	Columbia Public Health Dental
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/01/17 - 01/31/17	\$0	\$5,443	\$0	\$0	\$5,443
2 Preliminary Design	\$0	\$7,091	\$0	\$0	\$7,091
3 Final Design 02/01/17 - 04/30/17	\$0	\$45,941	\$0	\$0	\$45,941
4 Implementation 05/01/17 - 06/30/17	\$0	\$307,535	\$0	\$0	\$307,535
5 Closeout 07/01/17 - 09/30/17	\$0	\$6,276	\$0	\$0	\$6,276
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$372,286	\$0	\$0	\$372,286

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$3,686	\$0	\$0	\$3,686

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
33705 - INTERLOCAL SEATTLE	\$50,000	\$0	\$0	\$50,000
39780 - CONTRIB CURRENT EXPENSE	\$322,286	\$0	\$0	\$322,286
Total Revenue	\$372,286	\$0	\$0	\$372,286

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		DES FMD PH COLUMBIA DENTAL CLI				1129759
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$5,443	\$0	\$0	\$5,443
2 Prelim Design	\$0		\$7,091	\$0	\$0	\$7,091
3 Final Design	\$0		\$45,941	\$0	\$0	\$45,941
4 Implementation	\$0		\$307,535	\$0	\$0	\$307,535
5 Closeout	\$0		\$6,276	\$0	\$0	\$6,276
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$0		\$372,286	\$0	\$0	\$372,286

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$5,443	\$5,443	\$0
2 Preliminary Design	\$0	\$7,091	\$7,091	\$0
3 Final Design	\$0	\$45,941	\$45,941	\$0
4 Implementation	\$0	\$307,535	\$307,535	\$0
5 Closeout	\$0	\$6,276	\$6,276	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$372,286	\$372,286	\$0

NARRATIVES	DES FMD PH COLUMBIA DENTAL CLI	1129759
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Current Scope

Columbia Dental Clinic - This project includes the replacement of six dental operatories with new modular operatories with digital x-ray and electronic health record capability and related dental casework. The existing inadequate and poor quality floor and sub-floor will be replaced. Construction work to occur on weekends to avoid interference with service delivery.

Project Justification

Equity and Social Justice Yes
Strategic Climate Action Plan No
Best Run Government No

Problem Statement: The Columbia Dental Clinic Facility is in disrepair and unprepared for the move to digital X-rays and electronic record keeping

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

The Columbia Clinic is in critical need of funds to replace dental operatory cabinetry and flooring. The cabinets in the dental operatories, which were installed over 25 years ago at Columbia, are dilapidated and poorly functioning. The hinges have broken on multiple X-ray cabinets and the particle board is visibly damaged and non-repairable. This type of operatory cabinetry is no longer produced, making finding replacement parts for repairs increasingly difficult and expensive.

The flooring throughout the clinical area is badly worn and impossible to adequately sanitize. The flooring has reached the end of its life and has multiple large holes that have completely worn through the linoleum, presenting risk of injury to patients and staff.

Required maintenance and repairs have been put on hold since 2012 with the expectation that the work would be coordinated with the implementation of Electronic Dental Records (EDR). However, a decision has been made to delay EDR implementation for two to three more years, resulting in an immediate need to replace cabinetry and flooring to ensure safety and quality of care for our clients.

Expected Outcome: Repairs and upgrades will enhance patient safety and allow the clinic to maintain functionality and meet clinical standards. The improvements made will be compatible with the future needs of the dental clinic including digital X-rays and electronic record keeping.

Linkage to King County Strategic Plan goals, objectives and strategies

Investment in this capital project was identified as a priority during lines of business planning within the Community Health Services division. This project reflects our efforts to align with the following goals under Health and Human Potential and Service Excellence. It supports the objectives to

- Improve our customers' satisfaction with King County. The clinic is the face of the county for the thousands who seek care there. The condition of the clinic is inconsistent with the high value the County places on providing quality care to the most vulnerable.
- Build a culture of performance and improve effectiveness and efficiency of county services. The poor conditions of the dental operatories impedes our ability to provide effective and efficient care.
- Increase access to King County services. Internal and external partners are reluctant to send patients to our clinic because of the age and state of the facility. These improvements will improve access by making the clinic more welcoming.
- Plan for the long-term sustainability of county services. Columbia dental clinic has been a thriving clinic for two decades. It is very high volume and fast paced. We are now at the point where the facility needs to be modernized to be able to move forward with digital X-rays and electronic record keeping. Modernizing the clinic will support its long-term sustainability.
- Utilize employees in an efficient, effective and productive manner. Employees at Columbia Dental have long been asking when these facility improvements will be made. In particular, the cabinetry doors, drawers and countertops are a problem. They have been creative with contact paper to make old countertops that are in disrepair look clean. Duct tape has been useful in keeping doors from drifting open. They have avoided using the drawers and shelves that no longer work. Additionally, they have bought mats to put over the holes in the floor to avoid tripping. Funds for this project would support the great work that they continue to provide despite the facilities shortfalls.

Strategic Initiative, Equity and Social Justice: (see section 11)

Strategic Initiative, Best Run Government

This project proposal aligns with the priority areas of best run government.

- It promotes employee engagement, as described above.
 - It supports a sustainable financial future by enabling an investment in technology that will improve services and reduce costs over time.
- The Dental Program has been unable to move forward with electronic record keeping because of the cost of converting its facilities. This project will result in Columbia dental being ready for electronic records. Electronic records result in improvements in the quality and integration of service delivery.
- It promotes partnership, as described in section 8.

Applicable regulatory requirements, legal mandates, and audit findings: the condition of the clinic puts it at risk of not meeting OSHA/WISHA healthcare standards.

Risks of not implementing the project, including risks to the county, the department, constituents, employees, and others:

1. We risk injury to staff and patients due to the condition of the floor.
2. The ergonomics of the current dental operatory cabinetry puts staff at higher risk for injury if this project is not funded.
3. The Medicaid and FQHC environment is transitioning to electronic data reporting and auditing. We risk both future funding and our ability

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

to comply with reporting requirements if we do not invest in our facility readiness for digital X-rays and electronic records.

Budget Request Basis

The flooring and equipment at this facility are sub-standard and should have been addressed prior to the 2017/2018 biennium but attempts to receive grant funding for the work in prior years have been unsuccessful.

Project Status

New project.

Alternatives Analysis

The other alternative is to defer this project. This selected alternative improves service delivery to the low income patients served at this facility and improves the working environment for the King County employees delivering the service.

Funding and Revenue Discussion

The General Fund will provide revenue backing for \$372,286 of the project cost. The remaining \$50,000 will be provided by the City of Seattle if ongoing discussions are successful.

Other Agency Involvement

This Columbia clinic is part of an integrated health care delivery model with NeighborCare providing medical, dental, and maternity support services. The Columbia dental clinic is a high volume and extremely diverse dental clinic serving over 6,000 unique active clients, accounting for over 10,000 visits per year.

Columbia Dental has been identified by employees and community partners as being in critical need of repair and upgrades. Leadership from Public Health's Access and Outreach program have alerted us that they are reluctant to refer clients to the Columbia due to its appearance. They believe it reflects poorly on the County. This is similarly true of how the clinic is viewed by the leadership with NeighborCare primary care, with whom we share the building. It is vital for our integrated partnership that the facility meets minimum professional standards of function and appearance.

Art Eligibility

N/A

Equity and Social Justice Impact

Because of the current state of disrepair at our facility, we are unable to provide safe and equitable service to a low-income, racially and ethnically diverse population. Our clients already face many barriers to care. The poor condition of the clinic does not afford them either the safety or respect that are considered standard in the dental profession.

Nearly all dental clients served are very low income (below 250% of poverty). Socioeconomic status remains the greatest factor influencing disparities in dental health outcomes. In addition, nearly 80% of dental patients are non-white. Columbia Dental clinic is addressing a major health disparity for these populations, by providing access to quality care for low-income people of color.

The condition of Columbia clinic has been identified internally through lines of business planning as an Equity and Social Justice issue, as well as a risk to the long-term sustainability of the clinic.

The proposal will ensure that needed repairs and upgrades are made to the facilities, which will immediately improve the quality of care we provide our clients and demonstrate respect for the diverse populations using the clinic. In the long run, this proposal would also make it more attractive to people who need care but might otherwise be discouraged by the appearance of a sub-standard clinic

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

DES FMD PH COLUMBIA DENTAL CLI

1129759

Strategic Climate Action Plan Alignment

King County Scorecard: Platinum Rating

Utility incentives/grants: (insert \$ if applicable) (N/A)

Preliminary Green Building strategies: divert/recycle building materials, reduce energy, commissioning, use sustainable materials

Additional cost: \$0 Percent of total Project Cost: 0%

Operating Budget Impacts

This proposal would decrease expenses due to ongoing maintenance and repair of operatory cabinetry and equipment that has reached the end of its life. The proposal will also reduce the number of times the clinic has to shut down for repair work which results in lost revenue and hardship for clients that have to be rescheduled

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

DES FMD PH NORTH DENTAL CLINIC

1129760

Green Building Reporting, Art Eligible

Department	EXECUTIVE SERVICES
Council District(s)	1
Fund	3951 BLDG REPAIR/REPL SUBFUND
Class Code	STANDALONE
Substantial Completion	
Location	Public Health North Dental Clinic
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 02/01/17 - 02/28/17	\$0	\$5,443	\$0	\$0	\$5,443
2 Preliminary Design	\$0	\$7,090	\$0	\$0	\$7,090
3 Final Design 03/01/17 - 05/31/17	\$0	\$44,120	\$0	\$0	\$44,120
4 Implementation 06/01/17 - 07/31/17	\$0	\$311,832	\$0	\$0	\$311,832
5 Closeout 08/01/17 - 10/31/17	\$0	\$8,086	\$0	\$0	\$8,086
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$376,571	\$0	\$0	\$376,571

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$3,630	\$0	\$0	\$3,630

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39780 - CONTRIB CURRENT EXPENSE	\$376,571	\$0	\$0	\$376,571
Total Revenue	\$376,571	\$0	\$0	\$376,571

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		DES FMD PH NORTH DENTAL CLINIC					1129760
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense	
1 Planning	\$0	\$0	\$5,443	\$0	\$0	\$5,443	
2 Prelim Design	\$0	\$0	\$7,090	\$0	\$0	\$7,090	
3 Final Design	\$0	\$0	\$44,120	\$0	\$0	\$44,120	
4 Implementation	\$0	\$0	\$311,832	\$0	\$0	\$311,832	
5 Closeout	\$0	\$0	\$8,086	\$0	\$0	\$8,086	
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0	
Total Expense	\$0	\$0	\$376,571	\$0	\$0	\$376,571	

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$5,443	\$5,443	\$0
2 Preliminary Design	\$0	\$7,090	\$7,090	\$0
3 Final Design	\$0	\$44,120	\$44,120	\$0
4 Implementation	\$0	\$311,832	\$311,832	\$0
5 Closeout	\$0	\$8,086	\$8,086	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$376,571	\$376,571	\$0

NARRATIVES DES FMD PH NORTH DENTAL CLINIC 1129760

Current Scope

Public Health North Dental Clinic - This project includes the replacement of five dental operatories with new modular operatories with digital x-ray equipment and electronic health record capability and related dental casework. The existing inadequate and poor quality floor will be replaced and a secure half door will be installed at the entrance to the clinic. Construction work to occur on weekends to avoid interference with service delivery.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

DES FMD PH NORTH DENTAL CLINIC

1129760

Project Justification

Equity and Social Justice Yes
Strategic Climate Action Plan Yes
Best Run Government No

Problem Statement: The North Dental Clinic has outdated operatory cabinetry and a failing floor. The entryway and reception area do not have the facility safety features that are standard in our dental clinics.

Required maintenance and repairs have been put on hold since 2012 with the expectation that the work would be coordinated with the implementation of Electronic Dental Records which would also necessitate new cabinetry and flooring to bring the dental operatories up to standards and allow for computer workstations required as part of EDR. However, a decision has been made to delay EDR implementation for 2-3 more years, resulting in an immediate need to replace operatory cabinetry and clinic flooring to ensure safety and quality of care for our clients.

The North dental clinic is located in Lake City and serves a diverse very low income population with high dental needs. The clinic serves over 3,800 unique active clients accounting for over 8,000 visits per year. In 2015, the clinic took on a new focus population of Homeless Adults. This population is rewarding to serve. The prudent safety measures proposed in this project (a gate in the alcove in the entryway and a half door dividing the clinic from the reception area) came from staff input. The front window and front door have been repeatedly subject to graffiti and damage, probably because of the bus stop in front of the clinic. Also, people tend to use the front alcove for shelter and commonly urinate there. This project would pay for a barrier gate to restrict access to the alcove at night.

Expected Outcome: By making the North Dental Clinic safer and ready for the transition to EDR, this proposal will support the delivery of quality healthcare provided by the County to its most vulnerable residents.

Budget Request Basis

The equipment, flooring and entryway at this facility are sub-standard and should have been addressed prior to the 2017/2018 biennium but attempts to receive grant funding for the work in prior years have been unsuccessful.

Project Status

New Project

Alternatives Analysis

The other alternative is to defer this project. This selected alternative improves service delivery to a low income and ethnically diverse population and improves the working conditions for the King County employees delivering the service.

Funding and Revenue Discussion

The General Fund will provide revenue backing for this project.

Other Agency Involvement

North Dental is one of two of our Dental Clinics that is part of a partnership program with community agencies that provide temporary housing and social services to homeless adults. It is important to the continued success of this partnership that our partners and our shared clients are satisfied with the condition and appearance of the clinic

Art Eligibility

N/A

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

DES FMD PH NORTH DENTAL CLINIC

1129760

Equity and Social Justice Impact

Because of the current state of disrepair at our facility, we are unable to provide safe and equitable service to a low-income, racially and ethnically diverse population. Our clients already face many barriers to care. The poor condition of the clinic does not afford them either the safety or respect that are considered standard in the dental profession.

Nearly all dental clients served are very low income (below 250% of poverty). Socioeconomic status remains the greatest factor influencing disparities in dental health outcomes. In addition, nearly 80% of dental patients are non-white. Columbia Dental clinic is addressing a major health disparity for these populations, by providing access to quality care for low-income people of color.

The condition of the North Dental clinic has been identified internally through lines of business planning as an Equity and Social Justice issue, as well as a risk to the long-term sustainability of the clinic.

The proposal will ensure that needed repairs and upgrades are made to the facilities, which will immediately improve the quality of care we provide our clients and demonstrate respect for the diverse populations using the clinic. In the long run, this proposal would also make it more attractive to people who need care but might otherwise be discouraged by the appearance of a sub-standard clinic

Strategic Climate Action Plan Alignment

King County Scorecard: Platinum Rating

Utility incentives/grants: (insert \$ if applicable) (N/A)

Preliminary Green Building strategies: divert/recycle building materials, reduce energy, commissioning, use sustainable materials

Additional cost: \$0 Percent of total Project Cost: 0%

Operating Budget Impacts

This proposal would nominally decrease expenses due to ongoing maintenance and repair of cabinetry and equipment that have reached the end of its life. Replacing this equipment will also reduce the number of times the clinic has to shut down for repair work which results in lost revenue and hardship for clients that have to be rescheduled.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

DES FMD BULLET PROOF GLASS

1129769

Art Eligible

Department	EXECUTIVE SERVICES
Council District(s)	8
Fund	3951 BLDG REPAIR/REPL SUBFUND
Class Code	STANDALONE
Substantial Completion	
Location	516-3rd Ave, Seattle 98104: King County Courthouse
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/01/17 - 01/31/17	\$0	\$3,663	\$0	\$0	\$3,663
2 Preliminary Design 02/01/17 - 02/28/17	\$0	\$7,588	\$0	\$0	\$7,588
3 Final Design 03/01/17 - 07/31/17	\$0	\$34,694	\$0	\$0	\$34,694
4 Implementation 08/01/17 - 10/31/17	\$0	\$173,116	\$0	\$0	\$173,116
5 Closeout 11/01/17 - 12/31/17	\$0	\$4,115	\$0	\$0	\$4,115
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$223,176	\$0	\$0	\$223,176

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$2,210	\$0	\$0	\$2,210

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$223,176	\$0	\$0	\$223,176
Total Revenue	\$223,176	\$0	\$0	\$223,176

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		DES FMD BULLET PROOF GLASS				1129769
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$3,663	\$0	\$0	\$3,663
2 Prelim Design	\$0		\$7,588	\$0	\$0	\$7,588
3 Final Design	\$0		\$34,694	\$0	\$0	\$34,694
4 Implementation	\$0		\$173,116	\$0	\$0	\$173,116
5 Closeout	\$0		\$4,115	\$0	\$0	\$4,115
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$0		\$223,176	\$0	\$0	\$223,176

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$3,663	\$3,663	\$0
2 Preliminary Design	\$0	\$7,588	\$7,588	\$0
3 Final Design	\$0	\$34,694	\$34,694	\$0
4 Implementation	\$0	\$173,116	\$173,116	\$0
5 Closeout	\$0	\$4,115	\$4,115	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$223,176	\$223,176	\$0

NARRATIVES	DES FMD BULLET PROOF GLASS	1129769
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Current Scope

Bulletproof Glass - This project will remove and replace the existing reception counter in the KCSO on the 1st floor of the KCCH with a new bullet proof and secured reception counter, similar to standard reception counters in KCSO Precincts reception areas.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

DES FMD BULLET PROOF GLASS

1129769

Project Justification

Equity and Social Justice ? No
Strategic Climate Action Plan ? No
Best Run Government ? No

Problem: KCSO office has identified that the security at the reception counter in the KCCH on the 1st floor is less secure than the reception counters in KCSO Precincts and therefore should be upgraded to have a bulletproof cabinet base and be secured with polycarbonate glazing above the counter. Outcome: This project will reduce life safety risks to KCSO staff working in the KSO Offices in the KCCH.

Budget Request Basis

This budget is requested now to improve safety in the KCSO's offices in the KCCH. The project budget will fund both design and construction.

Project Status

New Project

Alternatives Analysis

The other alternative is to defer this project. This alternative will maintain the potential risk of injury or loss of life if there was an incident in the reception area of the Sheriff's Offices.

Funding and Revenue Discussion

This project is revenue backed by the General Fund.

Other Agency Involvement

Internal Agencies; include DES/FMD with minor coordination with Tenant agency.

Art Eligibility

N/A

Equity and Social Justice Impact

Providing improved security at the KSO Reception Counter is not expected to have an impact on the underserved communities.

Strategic Climate Action Plan Alignment

Project will received KC Green Building Platinum Rating for the remodel.

If Green Building Reporting is NOT applicable to the project on the PIC Project Detail page, then indicate the reason why it is not applicable.

LEED Certification: (Platinum) planned

Utility incentives/grants: (insert \$ if applicable) (N/A)

Preliminary Green Building strategies: divert/recycle building materials, reduce energy, commissioning, use sustainable materials

Additional cost: \$0 Percent of total Project Cost: 0%

Operating Budget Impacts

N/A

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

DES FMD ADMIN BLDG SECURITY

1129773

Art Eligible

Department	EXECUTIVE SERVICES
Council District(s)	8
Fund	3951 BLDG REPAIR/REPL SUBFUND
Class Code	STANDALONE
Substantial Completion	
Location	KC Admin. Bldg. ---- 500 Fourth Ave, Seattle, WA 998104
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$1,000	\$0	\$0	\$1,000
3 Final Design	\$0	\$4,000	\$0	\$0	\$4,000
4 Implementation	\$0	\$91,628	\$0	\$0	\$91,628
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$96,628	\$0	\$0	\$96,628

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$966	\$0	\$0	\$966

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39780 - CONTRIB CURRENT EXPENSE	\$96,628	\$0	\$0	\$96,628
Total Revenue	\$96,628	\$0	\$0	\$96,628

EXPENSE DES FMD ADMIN BLDG SECURITY 1129773

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$0	\$0	\$0	\$0
2 Prelim Design	\$0		\$6,926	\$0	\$0	\$6,926
3 Final Design	\$0		\$20,653	\$0	\$0	\$20,653
4 Implementation	\$0		\$485,764	\$0	\$0	\$485,764
5 Closeout	\$0		\$147	\$0	\$0	\$147
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$0		\$513,490	\$0	\$0	\$513,490

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$1,000	\$6,926	(\$5,926)
3 Final Design	\$0	\$4,000	\$20,653	(\$16,653)
4 Implementation	\$0	\$91,628	\$485,764	(\$394,136)
5 Closeout	\$0	\$0	\$147	(\$147)
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$96,628	\$513,490	(\$416,862)

NARRATIVES

DES FMD ADMIN BLDG SECURITY

1129773

Current Scope

Administration Building Security - This project will provide two guard posts, one at the 4th Ave entry and one at the 5th Ave entry with replacement of master key locks.

Project Justification

- An indication of whether the project specifically and significantly addresses any of the following Strategic Initiatives:
Equity and Social Justice ? Yes
Strategic Climate Action Plan ? No
Best Run Government ? No

Problem: There is a lack of overall security in the Admin Bldg compared to similar office buildings run by the County: Chinook and King Street. There is no control of entry into stairwells and elevators.)

Outcome: This project will update the security systems in the Admin Bldg to be consistent with similar office building managed by FMD.

Linkages: This project supports Equity and Social Justice policies by providing a similar level of service to all tenants and citizens using County office buildings.

Budget Request Basis

This budget is requested now to provide for equitable services for King County employees working in the FMD managed office facilities.

Project Status

New Project

Alternatives Analysis

The alternative is to defer this project. The option to defer this project was not selected because it would have continued the inconsistent level of entry door security to KC employees.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

DES FMD ADMIN BLDG SECURITY

1129773

Funding and Revenue Discussion

This project is revenue backed by the General Fund.

Other Agency Involvement

Internal Agencies; PAO, Sheriff, Assessor, DES and other tenants of these buildings will be impacted by these security improvements. Some internal operations may need to be modified as result of these security improvements.

Art Eligibility

N/A

Equity and Social Justice Impact

Providing security improvements in the Admin Bldg will provide the same level of entry door security to all tenants of KC owned office buildings.

Strategic Climate Action Plan Alignment

King County Scorecard: NA

Utility incentives/grants: (insert \$ if applicable) (N/A)

Preliminary Green Building strategies: divert/recycle building materials, reduce energy, commissioning, use sustainable materials

Additional cost: \$0

Percent of total Project Cost: 0%

Operating Budget Impacts

A portion of this project provides post stations for two security officers. The proposed 2017 security operating budget includes staffing for these posts. The purpose of this project is to provide consistent entry door security levels across KC office buildings.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

DES FMD GENDER NEUTRAL RESTRMS

1129781

Art Eligible

Department	EXECUTIVE SERVICES
Council District(s)	8
Fund	3951 BLDG REPAIR/REPL SUBFUND
Class Code	STANDALONE
Substantial Completion	
Location	MRJC Courthouse, King Street Center, Admin. Bldg.
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/01/17 - 03/31/17	\$0	\$4,000	\$0	\$0	\$4,000
2 Preliminary Design	\$0	\$1,000	\$0	\$0	\$1,000
3 Final Design 04/01/17 - 06/30/17	\$0	\$5,000	\$0	\$0	\$5,000
4 Implementation 07/01/17 - 09/30/17	\$0	\$55,000	\$0	\$0	\$55,000
5 Closeout 10/01/17 - 11/30/17	\$0	\$1,000	\$0	\$0	\$1,000
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$66,000	\$0	\$0	\$66,000

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$650	\$0	\$0	\$650

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39780 - CONTRIB CURRENT EXPENSE	\$66,000	\$0	\$0	\$66,000
Total Revenue	\$66,000	\$0	\$0	\$66,000

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		DES FMD GENDER NEUTRAL RESTRMS				1129781
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$18,097	\$0	\$0	\$18,097
2 Prelim Design	\$0		\$3,556	\$0	\$0	\$3,556
3 Final Design	\$0		\$25,686	\$0	\$0	\$25,686
4 Implementation	\$0		\$163,161	\$0	\$0	\$163,161
5 Closeout	\$0		\$5,831	\$0	\$0	\$5,831
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$0		\$216,331	\$0	\$0	\$216,331

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$4,000	\$18,097	(\$14,097)
2 Preliminary Design	\$0	\$1,000	\$3,556	(\$2,556)
3 Final Design	\$0	\$5,000	\$25,686	(\$20,686)
4 Implementation	\$0	\$55,000	\$163,161	(\$108,161)
5 Closeout	\$0	\$1,000	\$5,831	(\$4,831)
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$66,000	\$216,331	(\$150,331)

NARRATIVES	DES FMD GENDER NEUTRAL RESTRMS	1129781
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Current Scope

Gender Neutral Restrooms - This project will provide a gender neutral restrooms at the Courthouse, King Street Center, and Administration Building.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

DES FMD GENDER NEUTRAL RESTRMS

1129781

Project Justification

- An indication of whether the project specifically and significantly addresses any of the following Strategic Initiatives:
Equity and Social Justice ? Yes
Strategic Climate Action Plan ? No
Best Run Government ? No

Problem: These three building currently do not have a gender neutral restroom to accommodate people going through sexual transitioning.
Outcome: This project contributes to implementation of a Equity and Social Justice initiative.
Linkages: This project supports adopted KC ESJ goals.

Budget Request Basis

This budget will provide gender neutral restrooms in these three buildings and supports the ESJ initiative to support the demographic served by these restrooms.

Project Status

N/A

Alternatives Analysis

The other alternative is to defer this project and not provide a gender neutral restroom in KC office buildings.

Funding and Revenue Discussion

This project is revenue backed by the General Fund.

Other Agency Involvement

Internal Agencies; FMD and building tenants

Art Eligibility

N/A

Equity and Social Justice Impact

Promotes equity by providing a gender neutral restroom accessible to public within KC public office buildings.

Strategic Climate Action Plan Alignment

N/A

Operating Budget Impacts

N/A

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

DES FMD WELLNESS ROOM

1129783

Art Eligible

Department	EXECUTIVE SERVICES
Council District(s)	8
Fund	3951 BLDG REPAIR/REPL SUBFUND
Class Code	STANDALONE
Substantial Completion	
Location	MRJC Courthouse and KC Courthouse
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/11/07 - 03/31/17	\$0	\$5,000	\$0	\$0	\$5,000
2 Preliminary Design	\$0	\$500	\$0	\$0	\$500
3 Final Design	\$0	\$1,000	\$0	\$0	\$1,000
4 Implementation 04/01/17 - 05/31/17	\$0	\$61,567	\$0	\$0	\$61,567
5 Closeout 06/01/17 - 06/30/17	\$0	\$1,000	\$0	\$0	\$1,000
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$69,067	\$0	\$0	\$69,067

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$690	\$0	\$0	\$690

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39780 - CONTRIB CURRENT EXPENSE	\$69,067	\$0	\$0	\$69,067
Total Revenue	\$69,067	\$0	\$0	\$69,067

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		DES FMD WELLNESS ROOM				1129783
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0		\$10,890	\$0	\$0	\$10,890
2 Prelim Design	\$0		\$677	\$0	\$0	\$677
3 Final Design	\$0		\$2,667	\$0	\$0	\$2,667
4 Implementation	\$0		\$108,771	\$0	\$0	\$108,771
5 Closeout	\$0		\$3,630	\$0	\$0	\$3,630
6 Acquisition	\$0		\$0	\$0	\$0	\$0
Total Expense	\$0		\$126,635	\$0	\$0	\$126,635

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$5,000	\$10,890	(\$5,890)
2 Preliminary Design	\$0	\$500	\$677	(\$177)
3 Final Design	\$0	\$1,000	\$2,667	(\$1,667)
4 Implementation	\$0	\$61,567	\$108,771	(\$47,204)
5 Closeout	\$0	\$1,000	\$3,630	(\$2,630)
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$69,067	\$126,635	(\$57,568)

NARRATIVES	DES FMD WELLNESS ROOM	1129783
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Current Scope

This project will provide a Wellness Room for employees at the KC Courthouse. A Wellness Room will provide someone with medical issues, nursing mothers and employees needing a private area to attend to their health and wellness needs.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

DES FMD WELLNESS ROOM

1129783

Project Justification

Equity and Social Justice: Yes
Strategic Climate Action Plan: No
Best Run Government: No

Problem: Employees at the KC Courthouse and MRJC Courthouse do not have access to a Wellness Room (also can be used as an employee lactation room)
Outcome: This project will provide a Wellness Room in these two facilities. The Chinook and the Administration Building both have Wellness Rooms.
Linkages: This project supports adopted Real Estate Asset Management Plan and Equity and Social Justice policies.

Budget Request Basis

This budget is requested now to provide for equitable services for King County employees working in the larger office facilities.

Project Status

New Project

Alternatives Analysis

The other alternative is to defer this project. This alternative provide access to a Wellness Room to a large section of KC employees.

Funding and Revenue Discussion

This project is revenue backed by the General Fund.

Other Agency Involvement

Internal Agencies; PAO, SC, DJA, District Court and other tenants of these buildings will be impacted as they may be asked to consolidate their current spaces to make room for this function.

Art Eligibility

N/A

Equity and Social Justice Impact

Providing a Wellness Room for KC employees will provide for those with medical issues, nursing mothers and employees needing a private area to attend to their health and wellness needs.

Strategic Climate Action Plan Alignment

This project involves only slight modification to existing rooms.

Operating Budget Impacts

N/A

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

DES FMD KCSO S RANGE REMEDIATN

1130262

Department	EXECUTIVE SERVICES
Council District(s)	9
Fund	3951 BLDG REPAIR/REPL SUBFUND
Class Code	STANDALONE
Substantial Completion	
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 06/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning	\$0	\$11,856	\$0	\$0	\$11,856
2 Preliminary Design	\$0	\$5,658	\$0	\$0	\$5,658
3 Final Design	\$0	\$47,308	\$0	\$0	\$47,308
4 Implementation	\$0	\$256,513	\$0	\$0	\$256,513
5 Closeout	\$0	\$3,014	\$0	\$0	\$3,014
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$324,349	\$0	\$0	\$324,349

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
39780 - CONTRIB CURRENT EXPENSE	\$324,349	\$0	\$0	\$324,349
Total Revenue	\$324,349	\$0	\$0	\$324,349

EXPENSE DES FMD KCSO S RANGE REMEDIATN 1130262

Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$11,856	\$0	\$0	\$11,856
2 Prelim Design	\$0	\$0	\$5,658	\$0	\$0	\$5,658
3 Final Design	\$0	\$0	\$47,308	\$0	\$0	\$47,308
4 Implementation	\$0	\$0	\$256,513	\$0	\$0	\$256,513
5 Closeout	\$0	\$0	\$3,014	\$0	\$0	\$3,014
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$0	\$0	\$324,349	\$0	\$0	\$324,349

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 06/2016	ITD Budget thru 06/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$0	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$11,856	\$11,856	\$0
2 Preliminary Design	\$0	\$5,658	\$5,658	\$0
3 Final Design	\$0	\$47,308	\$47,308	\$0
4 Implementation	\$0	\$256,513	\$256,513	\$0
5 Closeout	\$0	\$3,014	\$3,014	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$324,349	\$324,349	\$0

NARRATIVES

DES FMD KCSO S RANGE REMEDIATN

1130262

Current Scope

KCSO Shooting Range Remediation - The scope of this project includes: 1) Cleanup lead of contaminated soil from area around backstop and restoration of the surrounding ground surface, 2) removal and disposal of two Conex boxes & contents from behind backstop area, 3) removal of contaminated ditch sediments & restoration of ditch. Other assumptions are that the cleanup would be conducted as a maintenance activity and not a cleanup action under MTCA, and that grading permit would not be needed.

Project Justification

Historic shooting activities at the KCSO Shooting Range have resulted in a layer of lead contaminated soil in the area surrounding the target backstop. The contamination is currently limited to that area but cleanup is needed to prevent migration of the contamination to areas outside of the range.

Budget Request Basis

The budget is being requested at this time because we have recently obtained results of samples indicating lead levels the soil that should be remediated. The amount requested was based on information obtained from a qualified cleanup contractor.

Project Status

New

Alternatives Analysis

The alternative to budgeting this project in the 2017/2018 budget was to defer the work until a later biennium. The decision to begin and complete the work in the 2017/2018 biennium was made to prevent additional environmental damage that would be caused by a delay.

Funding and Revenue Discussion

This project is revenue backed by the General Fund.

Other Agency Involvement

The King County Sheriff Office (KCSO) is the primary tenant/user of the facility.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES	DES FMD KCSO S RANGE REMEDIATN	1130262
Art Eligibility		
The project is not visible to the public because it involves the clean-up and replacement of soil.		
Equity and Social Justice Impact		
This project will not impact traditionally underserved communities targeted by ESJ prioritization.		
Strategic Climate Action Plan Alignment		
Green Building reporting is not believed to be required for this project because it is ground clean-up that doesn't involve energy or water efficiency or the purchase of new materials or equipment.		
Operating Budget Impacts		
This project is not expected to have an impact on an operating budget. It is the maintenance work needed to insure that contamination is contained and removed.		

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

DES FMD CIVIC CAMPUS PLANNING

1130313

Art Eligible

Department	EXECUTIVE SERVICES
Council District(s)	
Fund	3951 BLDG REPAIR/REPL SUBFUND
Class Code	STANDALONE
Substantial Completion	
Location	
Cap Status	Approved

BUDGET (Appropriation)

Capital Phase	ITD Budget thru 07/2016	FY17-18	FY19-20	FY21-22	Total Budget
1 Planning 01/01/17 - 06/30/18	\$0	\$687,232	\$0	\$0	\$687,232
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total Budget	\$0	\$687,232	\$0	\$0	\$687,232

ART	FY17-18	FY19-20	FY21-22	Total 6-Year Art Budget
Art	\$0	\$0	\$0	\$0

REVENUE

Account	FY17-18	FY19-20	FY21-22	Total 6-Year Revenue
30800 - BUDGETED FUND BALANCE	\$187,232	\$0	\$0	\$187,232
36999 - OTHER MISC REVENUE	\$500,000	\$0	\$0	\$500,000
Total Revenue	\$687,232	\$0	\$0	\$687,232

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

EXPENSE		DES FMD CIVIC CAMPUS PLANNING				1130313
Capital Phase	ITD Actuals thru 12/2015	2016 Projected YE	FY 17-18	FY 19-20	FY 21-22	Total Expense
1 Planning	\$0	\$0	\$0	\$0	\$0	\$0
2 Prelim Design	\$0	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0	\$0
Total Expense	\$0	\$0	\$0	\$0	\$0	\$0

BUDGET ANALYSIS

Capital Phase	Baseline	Estimate At Completion	ITD Actuals thru 07/2016	ITD Budget thru 07/2016	ITD Actuals thru 12/2015 + 2016 Projected YE
1 Planning	\$0	\$687,232	\$0	\$0	\$0
2 Preliminary Design	\$0	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$687,232	\$0	\$0	\$0

Capital Phase	2017 Starting Balance	2017-2018 Budget Request	2017-2018 Expense	2018 Ending Balance
1 Planning	\$0	\$687,232	\$0	\$687,232
2 Preliminary Design	\$0	\$0	\$0	\$0
3 Final Design	\$0	\$0	\$0	\$0
4 Implementation	\$0	\$0	\$0	\$0
5 Closeout	\$0	\$0	\$0	\$0
6 Acquisition	\$0	\$0	\$0	\$0
Total	\$0	\$687,232	\$0	\$687,232

NARRATIVES DES FMD CIVIC CAMPUS PLANNING 1130313

Current Scope

Civic Campus Planning - The project will implement the early phases of the Civic Campus Plan. Key tasks to include:

- 1.) Project Initiation: a.) assemble project team, b.) select consultant(s), c.) develop vision, guiding principles, concepts and goals; d.) engage stakeholders and community; and e.) create project charter and project management plan,
- 2.) Facility Needs Analysis: a.) identify operational and space needs by agency, b.) identify campus-wide operational and space needs by agency, and c.) create facility needs analysis report, and
- 3.) form a Project Steering Committee with members from the separately elected offices, the County Council, Executive, DAJD, and other departments/agencies.

Capital Appropriation Proposal

Budget: 2017-2018 Biennial, Scenario: Executive Proposed, Agency: All, Fund: All, Project: All, Cap Status:Approved

NARRATIVES

DES FMD CIVIC CAMPUS PLANNING

1130313

Project Justification

Costly re-investment decisions involving downtown County facilities will be informed by an evaluation of facility alternatives. A civic campus planning process to guide identification and evaluation of downtown facility options was provided by the Executive to the County Council in early 2016. This proposed project will begin the process of looking at the County's long term vision and options for the Courthouse and the downtown campus. A long term plan is essential for Best Run Government cost effective use of facilities to deliver services to citizens. This project can incorporate the values expressed in the Strategic Climate Action Plan and the Equity and Social Justice Strategic Plan.

Budget Request Basis

The civic campus plan budget is proposed for the 2017/2018 budget to begin the process of collecting data necessary to make long term facility investment decisions. The scope, schedule and budget are based on the planning process outlined in the Civic Campus Scoping Report submitted to the County Council in early 2016. Given the available County resources available in the 2017/2018 budget the proposed project is focused on the initial planning process phases.

Project Status

This is a new project.

Alternatives Analysis

An alternative to the proposed project would be to fund the entire Civic Campus Scoping Report rather than the initial phases. This option to fund all phases was not selected because the necessary financial resources were unavailable during a time of General Fund fiscal stress as the 2017/2018 biennial budget is developed. Funding for subsequent phases will be considered during the time the initial phases are in the process of completion.

Funding and Revenue Discussion

Of the proposed \$687,232 project budget the revenue backing will come from two sources: 1.) cancellation and reprogramming of funding supporting the remaining \$500,000 of budget in the Courthouse Revitalization project and 2.) \$187,232 from existing fund balance in the Building Repair and Replacement Fund.

Other Agency Involvement

The planned inter-branch steering committee will include offices and agencies potentially impacted by a Civic Campus long term plan. It is likely that the City of Seattle and local community members will be invited to participate in the visioning phase of the project.

Art Eligibility

This is a planning project rather than a project funded to result in a capital asset.

Equity and Social Justice Impact

The initial planning phases will identify ESJ opportunities to be incorporated into the vision, guiding principles, concepts and goals for the Civic Campus plan.

Strategic Climate Action Plan Alignment

This pre-planning project will set goals to integrate SCAP principles of carbon reduction and sustainability into the civic campus planning. Since this is a planning project, the Green Building Annual Reporting form is required but the Sustainable Scorecard is not.

Operating Budget Impacts

The initial planning phases proposed in this project will consider potential operating service delivery improvements and operating cost efficiencies.