

BUDGET MANAGEMENT REPORT

QUARTER 2, 2019



King County

**KING COUNTY
OFFICE OF PERFORMANCE, STRATEGY
AND BUDGET**

**Budget Management Report
Quarter 2, 2019**

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King County

Office of Performance, Strategy & Budget

Chinook Building
401 Fifth Avenue, Suite 810
Seattle, WA 98104

August 30, 2019

The Honorable Rod Dembowski
Chair, King County Council
Room 1200
C O U R T H O U S E

Dear Councilmember Dembowski:

We are pleased to submit to you the second quarter 2019 Budget Management Report. This report presents revenues and expenditures through June 30, 2019 at the fund level and updates financial plans for funds which have gone through financial monitoring for the quarter. It also includes reports for Mandatory Phased Appropriation (MPA) projects, baselined projects, emergent need contingency use and grants contingency use. More detailed information is available in the financial system of record. Performance, Strategy and Budget staff are also available to address specific questions.

2nd Quarter General Fund Analysis

Revenues

- Actual revenues through 2019 Q2 were \$422.6 M (line 13), which is 23% of the current budget. This is in line with expected revenues based on previous biennia.
- Estimated 2019-2020 biennial revenues are about \$23 M higher than the adopted budget. The current estimate includes the following major adjustments:
 - \$11.3 M in additional sales tax, based on the July 2019 OEFA forecast.
 - \$2.5 M in additional property tax, based on the July 2019 OEFA forecast.
 - \$4.4 M in additional interest, based on updated pool balance and rate of return forecasts.
 - \$3.6 M in additional state revenue, primarily related to higher than budgeted revenue from the Criminal Justice MVET replacement account.
 - \$1.4 M in Sheriff contract adjustments approved in the 1st Omnibus Supplemental.

Expenditures

- Actual expenditures through 2019 Q2 were \$453.2 M (line 27), which is 25% of the current budget.

- Estimated 2019-2020 expenditures are \$1,861.0 M, which is \$36.5 M higher than the adopted budget:
 - Adopted supplementals have increased appropriation by \$20.9 M.
 - Pending and expected supplementals are estimated to total about \$15.5 M, primarily due to the 2nd Omnibus.
 - The current underexpenditure assumption of \$32.1 M is unchanged from the standard assumption, which assumes \$22 M of true underspend and \$10.1 M of reappropriations.

As a result of these current estimates, the projected 2019-2020 ending fund balance is \$129.6 million. The projected undesignated fund balance is \$72.8 million, which exceeds the six percent minimum reserve policy by \$28.0 million and exceeds the eight percent upper limit of the undesignated fund balance policy by \$13.1 million. The Rainy Day Reserve Fund is maintained in a separate fund at approximately \$25.7 million. The maintenance of the target reserve, the Rainy Day Reserve, and the Risk Reserve all support the County's bond ratings.

A list of additional financial plans for funds that were monitored in the 2nd quarter financial monitoring process is attached to this letter and can be found on SharePoint at [King County Fund List](#). These financial plans will become available on SharePoint as 2nd Quarter financial monitoring is completed for each fund.

This Budget Report supports the Strategic Plan Financial Stewardship Goal to “exercise sound financial management.”

This report required approximately 90 staff hours to produce, costing approximately \$7,500.

If you have any questions or comments, please contact me at (206) 263-9687.

Sincerely,



Dwight Dively
Director

Enclosure

cc: King County Councilmembers
 ATTN: Carolyn Busch, Chief of Staff
 Melani Pedroza, Clerk of the Council
Elected Officials
Department Directors
Budget Managers and Analysts, Office of Performance, Strategy and Budget

List of Funds

Financial Plans from 2nd Quarter Monitoring

1220	AUTO FINGERPRINT IDENT FD
1120	BEHAVIORIAL HEALTH
1480	BEST STARTS FOR KIDS LEVY
8401	CONSERV FUTURES LEVY CLG.
3151	CONSERV FUTURES SUB-FUND
0000010	CURRENT EXPENSE SUB-FUND
3672	ENVIRONMENTAL RESOURCE
3840	FARMLAND & OPEN SPACE ACQ
1474	HISTORCL PRSRVTN & H PRGM
3961	HMC REPAIR AND REPLACE FD
3795	HMC/MEI 04B BND PROCEEDS
3791	HMC/MEI 2000 PROJECTS
2460	HOUSNG & COMM DEV FND
8407	HUD SEC 108 LOAN REPAYMNT
3591	KC MARINE CONST
8400	LIMITED G O BOND REDEMPT.
4591	MARINE OPERATING FUND
4641	MARINE OPERATING FUND
1135	MIDD
3522	OS KC NON BND FND SUBFUND
1451	PARKS OPERATING LEVY
8405	PFD LTD G O BND REDMPT.
3280	PSB GENERAL FUND TECHNOLOGY CAPITAL FUND
1800	PUBLIC HEALTH
1890	PUBLIC HEALTH ADMINISTRATION
4641	PUBLIC TRANSPORTATION OP
4642	TRANS REV FLEET REPLACE
3641	Transit Infrastructure Capital Fund
3642	Transit Revenue Fleet Capital Fund
4643	Transit Revenue Stabilization Fund
8500	UNLIMITED G O BOND REDEM.
3403	URBAN RESTOR & HBTAT RSTR
1060	VETERANS RELIEF

**Financial Plans from 1st Quarter Monitoring
NOT included in Q1 Report**

3951	BLDG REPAIR/REPL SUBFUND
2463	CDBG GREENBRIDGE LN REPAY
1421	COMMUNITY SERVICES OPERATING
1080	DCHS ADMINISTRATION
1350	DEPARTMENT OF LOCAL SERVICES
1340	DEPT OF PERMITTING & ENV REVIEW
1341	DPER ABATEMENT SUBFUND
1346	DPER GENERAL PUBLIC SERVICES
3170	E911 CIP
1110	EMERGENCY TELEPHONE E911
2240	EMPLOYMENT AND EDUCATION RESOURCES
5511	FACILITIES MANAGEMENT SUB
2461	HOUSING OPPORTUNITY LOANS
2460	HOUSNG & COMM DEV FND
2462	KC SMALL BUSINESS LOAN PG
3313	LT LEASE SALES TAX DEFERRAL
3421	MJR MNTNCE RSRV SUB-FUND
5580	MOTOR POOL EQUIP RENTAL
3682	REAL ESTATE EXCISE TX 2
3681	REAL ESTATE EXCISE TX CAP
5520	RISK MANAGEMENT
5441	WWTR EQ RNT&RVLVG FD

Summary of 2019-2020 General Fund (10) Financial Plan (in millions)

Summary includes Inmate Welfare (16) and Goat Hill Garage Operations (1415) subfunds as reported in CAFR

	2017-2018 Actuals ¹	2019-2020 Adopted Budget ²	2019-2020 Current Budget ²	2019-2020 Biennial-to-Date Actuals	2019-2020 Estimated	2021-2022 Projected	2023-2024 Projected
BEGINNING FUND BALANCE	105.1	114.9	138.6	138.6	138.6	129.6	115.9
REVENUES³							
Property Tax ⁴	694.0	739.3	741.8	192.6	741.8	782.1	819.9
Sales Tax ⁵	279.0	297.5	308.8	72.2	308.8	328.3	348.3
Intergovernmental Receipts	15.8	16.2	16.2	2.6	16.2	16.9	17.7
Federal and State Revenue	48.8	45.2	48.8	10.9	48.8	49.4	49.4
Fines, Fees, Transfers	130.7	134.5	134.5	33.2	134.5	133.7	135.0
Charges for Services	502.1	546.9	548.3	92.3	548.3	571.9	599.5
Other Taxes	17.0	27.4	27.4	4.9	27.4	27.8	28.4
Interest	17.8	21.8	26.2	14.0	26.2	23.7	29.7
General Fund Revenues	1,705.1	1,828.9	1,852.0	422.6	1,852.0	1,933.7	2,028.0
EXPENDITURES							
Justice and Safety	(1,225.5)	(1,343.7)	(1,343.7)	(322.1)	(1,343.7)	(1,425.5)	(1,504.1)
Administration/General Government	(266.7)	(309.5)	(309.5)	(72.1)	(309.5)	(325.8)	(343.8)
Public Health	(50.6)	(67.6)	(67.6)	(23.4)	(67.6)	(71.2)	(75.1)
Debt Service	(55.5)	(60.0)	(60.0)	(19.2)	(60.0)	(67.9)	(55.9)
Elections	(37.7)	(42.0)	(42.0)	(8.5)	(42.0)	(44.2)	(46.6)
Human Services	(25.7)	(23.9)	(23.9)	(5.8)	(23.9)	(24.5)	(25.9)
Physical Environment	(11.7)	(10.0)	(10.0)	(2.0)	(10.0)	(10.4)	(11.0)
Supplementals/Carryover/Reappropriations	0.0	0.0	(20.9)	0.0	(36.5)	0.0	0.0
Underexpenditures ⁹	0.0	32.1	32.1	0.0	32.1	32.2	32.3
General Fund Expenditures	(1,673.4)	(1,824.5)	(1,845.4)	(453.2)	(1,861.0)	(1,937.3)	(2,030.1)
Other Fund Transactions ¹⁰	1.8	(10.0)	0.0	0.0	0.0	(10.1)	(10.2)
Ending Fund Balance	138.6	109.3	145.2	108.1	129.6	115.9	103.6
DESIGNATIONS AND SUBFUNDS¹¹							
Designations	(4.3)	(3.7)	(4.5)	(3.8)	(4.5)	(4.5)	(4.5)
Subfund Balances	(4.6)	(3.7)	(4.6)	(4.6)	(4.6)	(4.6)	(4.6)
EXPENDITURE RESERVES							
Carryover and Reappropriation	(7.5)	(10.1)	(10.1)	0.0	(10.1)	(10.2)	(10.3)
CIP Capital Supplemental Reserve	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Credit Rating Reserve ¹²	(1.3)	(2.5)	(2.5)	(1.2)	(2.5)	(3.7)	(4.9)
Executive Contingency	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)	(0.1)
Criminal Justice Incentive Reserve	0.0	(2.0)	0.0	(2.0)	0.0	0.0	0.0
South Park Bridge Post Annexation Operations ¹³	0.0	0.0	0.0	0.0	0.0	(2.0)	(4.0)
Risk Reserve ¹⁴	(57.6)	(23.0)	(37.3)	(35.0)	(35.0)	(35.0)	(35.0)
Reserves	(82.4)	(50.5)	(59.1)	(52.3)	(56.8)	(60.1)	(63.4)
Ending Undesignated Fund Balance¹⁵	56.2	58.8	86.0	55.8	72.8	55.8	40.1
6% Undesignated Fund Balance Minimum	42.1	44.1	44.7	44.7	44.7	46.9	49.3
Over/(Under) 6% Minimum	14.0	14.7	41.3	9.8	28.0	8.8	(9.1)
Over/(Under) 7.5%	3.5	3.7	30.1	(1.4)	16.8	(2.9)	(21.4)
Over/(Under) 8.0%	0.0	0.0	26.4	(5.1)	13.1	(6.8)	(25.5)
Rainy Day Reserve	25.5	25.3	25.7	25.7	25.7	25.8	26.0

2019-2020 General Fund Financial Plan Footnotes

- 2017-2018 Actuals reflects actual expenditures through 12/31/2018.
- 2019-2020 Adopted Budget is consistent with the budget system of record (PBCS), adopted revenue forecasts, and Ordinance 18835. The 2019-2020 Current Budget reflects updated revenue estimates and adopted supplementals.
- Revenue estimates for 2019 - 2024 are based on forecasts adopted by the Forecast Council and revenue estimates provided by General Fund appropriation units. The percentages below are the expected percent change over the prior budget cycle. These are biennial growth rates.

	2019-2020	2021-2022	2023-2024
Property Tax	As Estimated	5.4%	4.8%
Sales Tax (including sales tax dedicated to criminal justice)	As Estimated	6.3%	6.1%
All Other	As Estimated	2.7%	4.4%
<i>Blended Revenue Growth Rate</i>	As Estimated	4.4%	4.9%

- Property Tax forecasts for 2019 - 2024 are based on July 2019 Office of Economic and Financial Analysis (OEFA) forecast adopted by the Forecast Council and assume the current property tax structure and a collection rate of 99%.
- Sales Tax forecasts for 2019 - 2024 are based on July 2019 Office of Economic and Financial Analysis (OEFA) forecast adopted by the Forecast Council and assume the current sales tax rate.
- Expenditure estimates for 2019-2024 are based on the following assumptions. The percentages indicate the expected percentage change over the previous budget cycle. The assumed flex rate percentage increase reflects current plan design and structure.

	2019-2020	2021-2022	2023-2024
CPI (Seattle July to June CPI-U)	As Estimated	4.8%	4.9%
Blended Labor	As Estimated	6.1%	5.8%
Operating GF Transfers	As Estimated	4.8%	4.9%
<i>Blended Operating Growth Rate</i>	As Estimated	5.7%	5.5%

- CIP General Fund Transfers (in millions)

	2019-2020	2021-2022	2023-2024
Building Repair and Replacement	2.2	2.3	2.4
KCIT CIP	6.3	6.6	6.9
Expenditure of Designated Fund Balance	2.9	-	-
Total	11.4	8.9	9.3

- The debt service schedule for 2019 - 2024 is based on the following table:
(in millions)

Debt Service Elements	2019-2020	2021-2022	2023-2024
Existing Debt Issues	54.6	55.0	35.7
New Debt Issuance	4.8	11.9	19.3
Debt contingency for new issues and variable rate	0.6	1.0	1.0
Total Debt Service	60.0	67.9	55.9

Based on current projections, projected debt service expense will not exceed the County's policy that debt service should be less than 6% of General Fund expenditures.

- The 2019-2020 Adopted Budget includes vacancy assumptions in the majority of General Fund operating budgets. This is budgeted directly in appropriation units. An additional biennial underexpenditure assumption of \$32 million is included, reflecting an assumed \$22 million in actual underexpenditures and a reappropriation rate of \$10 million per biennium.
- The Transfers/Anticipated Reappropriations line in 2017-2018 includes accounting adjustments of \$1.8 M to adjust to actual fund balance. For 2019-2024, this line anticipates \$10 M in anticipated reappropriations.
- Designations and subfund balances include the following for each of the years (in millions):

	2019-2020	2021-2022	2023-2024
Loans	0.0	0.0	0.0
Assigned for Capital Projects	0.0	0.0	0.0
Crime Victim Compensation Program	(2.4)	(2.4)	(2.4)
Drug Enforcement Program	(1.3)	(1.3)	(1.3)
Anti-Profiteering Program	(0.1)	(0.1)	(0.1)
Dispute Resolution	(0.0)	(0.0)	(0.0)
Wheelchair Access	(0.7)	(0.7)	(0.7)
Inmate Welfare Fund Balance	(4.6)	(4.6)	(4.6)
Total	(9.1)	(9.1)	(9.1)

- The Criminal Justice Incentive Reserve is for criminal justice agencies (PAO, DPD, District Court, Superior Court, DJA, DAJD) to access if they collaborate and develop meaningful and measurable ongoing cost reductions or process efficiencies. Appropriation to spend the reserve would be proposed by the Executive to Council when agencies develop and present an approved plan for achieving results.
- The Credit Rating Reserve dedicates fees collected from other county funds to increase fund balance and maintain the county's bond rating. Other funds that have issued debt and benefit from the county's bond rating through lower interest contribute to this reserve based on the amount of outstanding principal on LTGO debt. 35% of the Credit Enhancement Fee is placed in this reserve. The goal for this reserve is to reach 1% of total outstanding GO debt backed by the full faith and credit of the General Fund.
- The South Park Bridge Post Annexation Operations reserve is intended to support King County's portion of ongoing operational costs of the South Park Bridge. These costs are assumed to begin in 2021 after the annexation of the North Highline Sliver and Triangle. The operating costs are currently in the Roads budget and the General Fund would transfer up to \$1 million per year to support these activities.
- The Risk Reserve sets aside fund balance to mitigate known and unknown risks.
- County policy requires undesignated fund balance of 6%-8% of certain revenues. Per county policy, the county will strive to maintain reserves in times of economic prosperity to offset times of declining revenue.

**King County Operating and Capital Funds
Q2 2019**

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Fund	Fund Description		2019/2020 Budget (Per EBS G/L)	Q2 2019 Actuals (Per EBS G/L)	% of Budget (25% benchmark)
000000010	CURRENT EXPENSE SUB-FUND	Expense	\$ 1,865,880,879	\$ 452,018,611	24.2%
		Revenue	\$ 1,818,950,846	\$ 419,985,454	23.1%
000000016	INMATE WELFARE FUND	Expense	\$ 2,737,893	\$ 204,579	7.5%
		Revenue	\$ 2,171,440	\$ 352,172	16.2%
000001030	COUNTY ROAD FUND	Expense	\$ 247,236,582	\$ 51,346,411	20.8%
		Revenue	\$ 231,293,577	\$ 58,955,976	25.5%
000001040	SW POST CLOSURE LF MAINT	Expense	\$ 3,881,632	\$ 531,243	13.7%
		Revenue	\$ 3,007,500	\$ -123,825	-4.1%
000001060	VETERANS RELIEF	Expense	\$ 6,516,104	\$ 1,316,023	20.2%
		Revenue	\$ 6,446,659	\$ 1,690,643	26.2%
000001070	DEVELOPMENTAL DISABILITY	Expense	\$ 113,302,377	\$ 17,856,860	15.8%
		Revenue	\$ 110,485,025	\$ 20,733,152	18.8%
000001080	DCHS ADMINISTRATION	Expense	\$ 16,465,639	\$ 4,193,813	25.5%
		Revenue	\$ 16,198,648	\$ 5,090,390	31.4%
000001090	RECORDER'S O & M FUND	Expense	\$ 3,952,404	\$ 736,277	18.6%
		Revenue	\$ 3,543,652	\$ 510,435	14.4%
000001110	EMERGENCY TELEPHONE E911	Expense	\$ 58,596,622	\$ 9,854,757	16.8%
		Revenue	\$ 49,434,880	\$ 12,390,627	25.1%
000001120	BEHAVIORAL HEALTH	Expense	\$ 687,527,793	\$ 137,501,802	20.0%
		Revenue	\$ 656,634,526	\$ 116,107,180	17.7%
000001135	MIDD	Expense	\$ 158,586,560	\$ 34,223,516	21.6%
		Revenue	\$ 145,841,753	\$ 35,584,495	24.4%
000001143	VETERANS SENIORS & HUMAN SERVICES L	Expense	\$ 111,866,981	\$ 7,587,859	6.8%
		Revenue	\$ 114,642,621	\$ 30,034,983	26.2%
000001170	ARTS & CULTURAL DEV FUND	Expense	\$ 27,752,240	\$ 5,844,993	21.1%
		Revenue	\$ 27,752,240	\$ 6,137,301	22.1%
000001172	2016 LTGO TAXABLE BONDS FOR CDA BLD	Revenue	\$ 0	\$ 1,287	
000001180	LODGING TAX	Expense	\$ 20,000,000	\$ 0	0.0%
		Revenue	\$ 20,000,000	\$ 0	0.0%
000001190	EMERGENCY MEDICAL SERVICE	Expense	\$ 94,713,986	\$ 31,348,808	33.1%
		Revenue	\$ 79,557,744	\$ 42,599,118	53.5%
000001200	TREASURERS O & M	Expense	\$ 0	\$ 135,135	
		Revenue	\$ 0	\$ 190,709	
000001210	SHARED SERVICES FUND	Expense	\$ 74,924,248	\$ 16,545,987	22.1%
		Revenue	\$ 74,371,228	\$ 15,084,928	20.3%
000001211	SURFACE WATER MGT FUND	Expense	\$ 82,111,173	\$ 13,344,738	16.3%
		Revenue	\$ 84,967,327	\$ 24,348,270	28.7%
000001220	AUTO FINGERPRINT IDENT FD	Expense	\$ 50,863,161	\$ 12,899,125	25.4%
		Revenue	\$ 42,239,694	\$ 11,524,199	27.3%
000001280	LOCAL HAZARDOUS WASTE FD	Expense	\$ 41,743,839	\$ 2,859,089	6.8%
		Revenue	\$ 35,708,488	\$ 5,259,732	14.7%

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Fund	Fund Description		2019/2020 Budget (Per EBS G/L)	Q2 2019 Actuals (Per EBS G/L)	% of Budget (25% benchmark)
000001290	YTH AMATEUR SPRTS FUND	Expense	\$ 18,679,170	\$ 2,221,243	11.9%
		Revenue	\$ 8,721,260	\$ 1,624,382	18.6%
000001292	2018 GO BONDS YTH SPORTS FACILITY G	Expense	\$ 0	\$ 606,125	
		Revenue	\$ 0	\$ 34,405	
000001311	NOXIOUS WEED CONTROL	Expense	\$ 9,028,580	\$ 1,534,510	17.0%
		Revenue	\$ 8,232,275	\$ 2,178,761	26.5%
000001340	PERMITTING DIVISION FUND	Expense	\$ 30,590,769	\$ 7,521,945	24.6%
		Revenue	\$ 30,381,000	\$ 7,105,734	23.4%
000001341	CODE COMPLIANCE AND ABATEMENT FUND	Expense	\$ 598,373	\$ 168,818	28.2%
		Revenue	\$ 600,000	\$ 218,579	36.4%
000001346	DPER GENERAL PUBLIC SERVICES	Expense	\$ 4,519,045	\$ 845,810	18.7%
		Revenue	\$ 4,390,294	\$ 1,101,669	25.1%
000001350	DEPT OF LOCAL SERVICES	Expense	\$ 8,319,241	\$ 1,759,680	21.2%
		Revenue	\$ 8,319,246	\$ 1,955,053	23.5%
000001381	PRKS TRUST & CONTRIBUTION	Expense	\$ 0	\$ 9,928	
		Revenue	\$ 0	\$ 10,676	
000001396	RISK ABATEMENT/2006 FUND	Expense	\$ 548,160	\$ 67,457	12.3%
		Revenue	\$ 0	\$ 1,153,318	
000001411	RAINY DAY RESERVE FUND	Revenue	\$ 0	\$ 233,012	
000001415	PARKING FACILITIES	Expense	\$ 8,871,272	\$ 939,525	10.6%
		Revenue	\$ 9,099,684	\$ 2,294,915	25.2%
000001421	COMMUNITY SERVICES OPERATING FUND	Expense	\$ 16,350,067	\$ 2,279,496	13.9%
		Revenue	\$ 16,374,829	\$ 2,845,060	17.4%
000001431	ANIMAL SERVICES FND	Expense	\$ 15,457,987	\$ 3,112,281	20.1%
		Revenue	\$ 14,978,513	\$ 2,875,360	19.2%
000001432	ANIMAL BEQUEST FND	Expense	\$ 380,000	\$ 0	0.0%
		Revenue	\$ 280,000	\$ 102,839	36.7%
000001451	PARKS OPERATING LEVY	Expense	\$ 48,720,880	\$ 21,703,058	44.5%
		Revenue	\$ 45,648,065	\$ 20,748,763	45.5%
000001452	OS TRAILS & ZOO LEVY SUBF	Revenue	\$ 0	\$ 4,388	
000001453	PARKS OPEN SPACE AND TRAILS LEVY	Expense	\$ 79,655,787	\$ 37,457,202	47.0%
		Revenue	\$ 77,274,987	\$ 41,640,404	53.9%
000001471	HISTORCL PRSRVTN & H PRGM	Expense	\$ 1,178,718	\$ 330,101	28.0%
		Revenue	\$ 1,041,274	\$ 190,974	18.3%
000001480	BEST STARTS FOR KIDS LEVY	Expense	\$ 204,973,543	\$ 38,649,756	18.9%
		Revenue	\$ 141,483,968	\$ 37,532,147	26.5%
000001511	PUGET SOUND EMERGENCY RADIO NETWORK	Expense	\$ 67,317,031	\$ 13,675,207	20.3%
		Revenue	\$ 65,367,648	\$ 17,378,117	26.6%
000001561	KC FLD CNTRL OPR CONTRACT	Expense	\$ 243,295,830	\$ 4,527,964	1.9%
		Revenue	\$ 243,295,830	\$ 3,283,543	1.3%
000001600	DEPT OF NATURAL RESOURCES AND PARKS	Expense	\$ 16,094,185	\$ 3,586,156	22.3%
		Revenue	\$ 15,927,182	\$ 3,991,491	25.1%
000001800	PUBLIC HEALTH	Expense	\$ 446,430,014	\$ 82,682,637	18.5%
		Revenue	\$ 445,958,491	\$ 83,341,394	18.7%

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Q2 2019**

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Fund	Fund Description		2019/2020 Budget (Per EBS G/L)	Q2 2019 Actuals (Per EBS G/L)	% of Budget (25% benchmark)
000001820	INTERCOUNTY RIVER IMPROV	Expense	\$ 135,396	\$ 0	0.0%
		Revenue	\$ 105,000	\$ 25,770	24.5%
000001850	ENVIRONMENTAL HEALTH FUND	Expense	\$ 63,532,740	\$ 13,833,630	21.8%
		Revenue	\$ 58,595,985	\$ 21,760,145	37.1%
000001890	PUBLIC HEALTH ADMINISTRATION FUND	Expense	\$ 33,120,816	\$ 7,876,550	23.8%
		Revenue	\$ 33,120,816	\$ 8,253,387	24.9%
000002140	GRANTS FUND	Expense	\$ 62,003,727	\$ 4,044,870	6.5%
		Revenue	\$ 61,993,727	\$ 3,629,508	5.9%
000002240	EMPLOYMENT & EDUCATN RESOURCES FD	Expense	\$ 37,535,978	\$ 7,203,003	19.2%
		Revenue	\$ 37,386,005	\$ 7,944,245	21.2%
000002460	FED HOUSNG & COMM DEV FND	Expense	\$ 347,797,501	\$ 44,028,395	12.7%
		Revenue	\$ 284,433,356	\$ 32,760,178	11.5%
000002462	CDBG GREENBRIDGE LN REPAY	Expense	\$ 0	\$ 40,173	
		Revenue	\$ 0	\$ 294,733	
000003151	CONSERV FUTURES SUB-FUND	Expense	\$ 0	\$ 8,529,999	
		Revenue	\$ 0	\$ 11,210,032	
000003160	FMD-PARKS,REC,OPEN SPACE	Expense	\$ 0	\$ 2,899,933	
		Revenue	\$ 0	\$ 1,913,790	
000003170	E 911 CAPITAL FUND	Expense	\$ 0	\$ 648,507	
		Revenue	\$ 0	\$ 69,142	
000003230	DPH TECHNOLOGY CAPITAL FUND	Expense	\$ 0	\$ 96,148	
		Revenue	\$ 0	\$ 184,628	
000003240	DCHS TECHNOLOGY CAPITAL FUND	Expense	\$ 0	\$ 998,704	
		Revenue	\$ 0	\$ 2,160,001	
000003280	PSB GENERAL FUND TECHNOLOGY CAPITAL	Expense	\$ 0	\$ 1,078,815	
000003292	SWM CIP NON-BOND SUBFUND	Expense	\$ 0	\$ 4,100,175	
		Revenue	\$ 0	\$ 714,894	
000003310	LONG-TERM LEASES	Expense	\$ 0	\$ 9,894,328	
		Revenue	\$ 0	\$ 9,762,718	
000003313	LT LEASE SALES TAX DEFERRAL	Revenue	\$ 0	\$ 4,545	
000003350	YOUTH SRVS FACILTS CONST	Expense	\$ 0	\$ 13,602,600	
		Revenue	\$ 0	\$ 13,698,799	
000003361	PUGET SOUND EMERGENCY RADIO NETWORK	Expense	\$ 0	\$ 11,530,139	
		Revenue	\$ 0	\$ 13,951,621	
000003380	AIRPORT CONSTRUCTION	Expense	\$ 0	\$ 758,659	
		Revenue	\$ 0	\$ -421,324	
000003403	URBAN RESTOR & HBTAT RSTR	Revenue	\$ 0	\$ 6,745	
000003421	MJR MNTNCE RSRV SUB-FUND	Expense	\$ 0	\$ 1,877,704	
		Revenue	\$ 0	\$ 5,045,503	
000003425	LTGO BOND - F3421	Revenue	\$ 0	\$ 20,186	
000003461	REGIONAL JUST CTR PRJCTS	Revenue	\$ 0	\$ 4,301	
000003473	RADIO COMM SRVS CIP FUND	Expense	\$ 0	\$ 52,747	
		Revenue	\$ 0	\$ 342,087	

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Fund	Fund Description		2019/2020 Budget (Per EBS G/L)	Q2 2019 Actuals (Per EBS G/L)	% of Budget (25% benchmark)
000003490	FMD-PARKS FACILITY REHAB	Expense Revenue	\$ 0 \$ 0	\$ 66,154 \$ 70,559	
000003521	OS KC BOND FUNDED SUBFUND	Revenue	\$ 0	\$ 3,053	
000003522	OS KC NON BND FND SUBFUND	Expense Revenue	\$ 0 \$ 0	\$ 848,698 \$ 768,428	
000003571	KC FLD CNTRL CAP CONTRACT	Expense Revenue	\$ 0 \$ 0	\$ 10,326,735 \$ 4,181,992	
000003581	PARKS CAPITAL FUND	Expense Revenue	\$ 0 \$ 0	\$ 8,919,449 \$ 15,898,484	
000003591	KC MARINE CONST	Expense Revenue	\$ 0 \$ 0	\$ 1,624,915 \$ 1,630,342	
000003592	MARINE CONSTR 2018 LTGO BOND	Revenue	\$ 0	\$ 7,785	
000003611	WATER QUALITY CONST-UNRES	Expense Revenue	\$ 0 \$ 0	\$ 71,712,965 \$ 8,753,443	
000003612	WTD INTERNALLY FINANCED PROJECTS FU	Expense Revenue	\$ 0 \$ 0	\$ 1,205,843 \$ 99,902	
000003641	PUBLIC TRANS CONST-UNREST	Expense Revenue	\$ 0 \$ 0	\$ 34,946,646 \$ 24,263,369	
000003642	PUBLIC TRANS REVENUE FLEET CAPITAL	Expense Revenue	\$ 0 \$ 0	\$ 64,879,450 \$ -64,403,180	
000003672	ENVIRONMENTAL RESOURCE	Expense Revenue	\$ 0 \$ 0	\$ 16,070 \$ 3,554	
000003673	CRITICAL AREAS MITIGATION	Expense Revenue	\$ 0 \$ 0	\$ 663,293 \$ 5,667,465	
000003681	REAL ESTATE EXCISE TX CAP	Expense Revenue	\$ 0 \$ 0	\$ 1,779,457 \$ 3,615,576	
000003682	REAL ESTATE EXCISE TX 2	Expense Revenue	\$ 0 \$ 0	\$ 1,041,188 \$ 3,613,098	
000003691	TRNSF OF DEV CREDIT PROG	Expense Revenue	\$ 0 \$ 0	\$ 869,882 \$ 1,013,015	
000003771	OIRM CAPITAL PROJECTS	Expense Revenue	\$ 0 \$ 0	\$ 6,691,980 \$ 4,185,157	
000003775	2015 LTGO SERIES B - KCIT	Revenue	\$ 0	\$ -612,389	
000003776	2017B LTGO BOND SUB FUND - KCIT	Revenue	\$ 0	\$ -1,293,732	
000003781	ITS CAPITAL	Expense Revenue	\$ 0 \$ 0	\$ 2,461,397 \$ 2,704,265	
000003791	HMC/MEI 2000 PROJECTS	Expense Revenue	\$ 0 \$ 0	\$ 229,534 \$ 81,257	
000003810	SW CAP EQUIP REPLACEMENT	Expense Revenue	\$ 0 \$ 0	\$ 3,061,230 \$ 3,349,514	
000003840	FARMLAND & OPEN SPACE ACQ	Expense Revenue	\$ 0 \$ 0	\$ 124,322 \$ 6,094	
000003850	RENTON MAINTENANCE FACIL	Expense Revenue	\$ 0 \$ 0	\$ 189,861 \$ 90,617	

**King County Operating and Capital Funds
Q2 2019**

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Fund	Fund Description		2019/2020 Budget (Per EBS G/L)	Q2 2019 Actuals (Per EBS G/L)	% of Budget (25% benchmark)
000003855	COUNTY ROAD MAJOR MAINTENANCE FUND	Expense Revenue	\$ 0 \$ 0	\$ 6,040,862 \$ 10,489,895	
000003860	COUNTY ROAD CONSTRUCTION	Expense Revenue	\$ 0 \$ 0	\$ 4,644,937 \$ 263,362	
000003865	KING COUNTY ROAD CONSTRUCTION	Expense Revenue	\$ 0 \$ 0	\$ 498,281 \$ 1,345,769	
000003901	SOLID WASTE CONSTRUCTION	Expense Revenue	\$ 0 \$ 0	\$ 2,422,385 \$ 2,168,730	
000003908	SOLID WASTE CONSTR 2017 LTGO BND	Revenue	\$ 0	\$ -1,960,027	
000003910	LANDFILL RESERVE FUND	Expense Revenue	\$ 0 \$ 0	\$ 2,070,091 \$ 5,611,431	
000003951	BLDG REPAIR/REPL SUBFUND	Expense Revenue	\$ 0 \$ 0	\$ 28,540,635 \$ 19,787,092	
000003952	LTGO BOND - F3951	Expense Revenue	\$ 0 \$ 0	\$ 689,135 \$ 63,607	
000003959	2015B GO BONDS FRED FMD	Revenue	\$ 0	\$ 1,133	
000003961	HMC REPAIR AND REPLAC FD	Expense Revenue	\$ 0 \$ 0	\$ 10,179,753 \$ 10,300,312	
000004040	SOLID WASTE OPERATING	Expense Revenue	\$ 319,295,867 \$ 303,737,915	\$ 59,330,935 \$ 65,744,220	18.6% 21.6%
000004041	CONSTRUCTION AND DEMO PROGRAM	Expense Revenue	\$ 0 \$ 0	\$ 132,679 \$ 119,994	
000004043	SW OPER 2017B FRED BOND	Revenue	\$ 0	\$ 790	
000004290	AIRPORT	Expense Revenue	\$ 59,856,035 \$ 53,976,778	\$ 8,999,397 \$ 13,187,709	15.0% 24.4%
000004501	RADIO COMM OPRNG FND	Expense Revenue	\$ 9,409,823 \$ 10,161,756	\$ 2,162,043 \$ 2,374,671	23.0% 23.4%
000004503	RCS COMMON EQPT MAINT SUB	Revenue	\$ 0	\$ 88,427	
000004531	I-NET OPERATING	Expense Revenue	\$ 6,576,283 \$ 6,874,428	\$ 1,664,090 \$ 1,460,828	25.3% 21.3%
000004551	LINK RISK FUND	Revenue	\$ 0	\$ 4,645	
000004591	MARINE OPERATING FUND	Expense Revenue	\$ 19,954,316 \$ 20,246,224	\$ 4,204,043 \$ 4,541,091	21.1% 22.4%
000004611	WATER QUALITY OPERATING	Expense Revenue	\$ 341,566,456 \$ 1,048,643,389	\$ 80,092,482 \$ 268,082,686	23.4% 25.6%
000004641	PUBLIC TRANSPORTATION OP	Expense Revenue	\$ 1,908,855,452 \$ 1,807,687,856	\$ 426,814,325 \$ 365,710,265	22.4% 20.2%
000004643	PUBLIC TRANS REVENUE STABILIZATION	Revenue	\$ 10,755,900	\$ 2,142,529	19.9%
000005420	SAFETY & WORKERS' COMP	Expense Revenue	\$ 77,838,148 \$ 57,392,000	\$ 14,139,337 \$ 14,438,236	18.2% 25.2%
000005441	WWTR EQ RNT&RVLVG FD	Expense Revenue	\$ 11,261,289 \$ 8,972,418	\$ 1,706,554 \$ 2,327,554	15.2% 25.9%

**King County Operating and Capital Funds
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Fund	Fund Description		2019/2020 Budget (Per EBS G/L)	Q2 2019 Actuals (Per EBS G/L)	% of Budget (25% benchmark)
000005450	FINANCE & BUS OPERATIONS	Expense	\$ 70,338,109	\$ 14,948,143	21.3%
		Revenue	\$ 66,926,079	\$ 16,957,182	25.3%
000005457	EMPLOYEES DEF COMP ADMIN	Revenue	\$ 0	\$ 275,290	
000005481	KING COUNTY GIS FUND	Expense	\$ 15,739,194	\$ 2,553,378	16.2%
		Revenue	\$ 16,085,996	\$ 2,976,724	18.5%
000005490	BUSINESS RESOURCE CENTER	Expense	\$ 41,563,043	\$ 11,749,903	28.3%
		Revenue	\$ 43,518,766	\$ 10,879,392	25.0%
000005500	EMPLOYEE BENEFITS PROGRAM	Expense	\$ 612,984,636	\$ 128,174,539	20.9%
		Revenue	\$ 577,867,875	\$ 144,268,473	25.0%
000005511	FACILITIES MANAGEMENT SUB	Expense	\$ 123,619,168	\$ 27,391,405	22.2%
		Revenue	\$ 119,349,881	\$ 28,351,470	23.8%
000005520	INSURANCE	Expense	\$ 85,853,991	\$ 13,780,539	16.1%
		Revenue	\$ 72,262,754	\$ 18,106,228	25.1%
000005531	DATA PROCESSING SERVICES	Expense	\$ 215,662,500	\$ 58,947,608	27.3%
		Revenue	\$ 218,452,130	\$ 59,768,412	27.4%
000005570	PUBLIC WORKS EQUIP RENTAL	Expense	\$ 34,544,119	\$ 5,335,007	15.4%
		Revenue	\$ 22,832,068	\$ 5,353,916	23.4%
000005580	MOTOR POOL EQUIP RENTAL	Expense	\$ 39,786,728	\$ 6,199,182	15.6%
		Revenue	\$ 30,118,682	\$ 7,448,425	24.7%
000008400	LIMITED G O BOND REDEMPT.	Expense	\$ 243,097,359	\$ 51,027,199	21.0%
		Revenue	\$ 239,062,482	\$ 53,671,985	22.5%
000008407	HUD SEC 108 LOAN REPAYMNT	Expense	\$ 577,996	\$ 40,173	7.0%
		Revenue	\$ 589,466	\$ 40,173	6.8%
000008430	PUBLIC TRANSPORTATION BONDS	Expense	\$ 24,572,181	\$ 7,842,700	31.9%
		Revenue	\$ 4,249,944	\$ 8,334,260	196.1%
000008500	UNLIMITED G O BOND REDEM.	Expense	\$ 31,714,175	\$ 3,045,550	9.6%
		Revenue	\$ 31,214,700	\$ 9,521,947	30.5%
000008920	WATER QUALITY REV BOND	Expense	\$ 536,608,266	\$ 70,672,814	13.2%
		Revenue	\$ 0	\$ 574,574	
000008921	WASTEWATER REVENUE BOND RESERVES	Revenue	\$ 0	\$ 1,400,675	
000008922	WASTEWATER STATE LOAN RESERVES	Revenue	\$ 0	\$ 116,882	

Q2 2019 Baseline Detail Report

Agency: All, Fund: All, Year: 2019, Qtr: 2nd Quarter, MPA Only: Yes, Project: All

1126875 PSERN Capital STANDALONE

Target Baseline Date	02/08/2018
Actual Baseline Date	02/09/2018
Council District(s)	1, 2, 3, 4, 5, 6, 7, 8, 9
Department	INFORMATION TECHNOLOGY
Agency	King County Information Technology
Contact	David Mendel
MPA Reporting	Yes - Reporting Required
Publish Quarter	Q2 2019



Last updated by KC\dosstr on 8/5/2019 3:08:06 PM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru JUN-2019	ITD Budget thru JUN-2019
1 Planning			N/A	\$0	\$17,129	\$0
2 Preliminary Design			N/A	\$0	\$328,649	\$0
3 Final Design	7/1/2015	9/15/2017	Completed	\$21,161,470	\$21,161,470	\$20,052,985
4 Implementation	9/18/2017	6/30/2022	In Progress	\$239,875,325	\$41,529,346	\$158,462,220
5 Closeout	7/1/2022	5/31/2023	Not Started	\$4,062,299	\$0	\$0
6 Acquisition			Not Started	\$0	\$322,878	\$0
Total				\$265,099,094	\$63,359,472	\$178,515,205

Current Substantial Completion

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning			\$0
2 Preliminary Design			\$0
3 Final Design	7/1/2015	9/15/2017	\$20,052,985
4 Implementation	9/18/2017	5/7/2021	\$232,522,006
5 Closeout	5/10/2021	12/30/2022	\$7,119,653
6 Acquisition			\$0
Total			\$259,694,644

Baseline Substantial Completion

Scope  Green

Q2 2019 Baseline Detail Report

Agency: All, Fund: All, Year: 2019, Qtr: 2nd Quarter, MPA Only: Yes, Project: All

1126875 PSERN Capital STANDALONE

Scope Variance Comment

Current Scope

The Puget Sound Emergency Radio Network (PSERN) project will replace the existing land mobile radio system by implementing a cost effective network using state of the art technology that meets the high standards and requirements of multi-jurisdictional critical life safety responders and general governmental users throughout King County.

Scope includes construction of radio sites, network design, implementation of electronic equipment, system testing, training for end users, removal of KCERCS equipment and deployment of end user devices.

In 2019 the Joint Board approved adding three additional sites to increase the on-street coverage that enhances the coverage inside buildings in the metropolitan areas.

Baseline Scope

The Puget Sound Emergency Radio Network (PSERN) project will replace the existing land mobile radio system by implementing a cost effective network using state of the art technology that meets the high standards and requirements of multi-jurisdictional critical life safety responders and general governmental users throughout King County.

Scope includes construction of radio sites, network design, implementation of electronic equipment, system testing, training for end users, removal of KCERCS equipment and deployment of end user devices.

Schedule



Red

Schedule Variance Comment

The project is currently reporting a 13 month delay in schedule. Leasing delays incurred thus far are impacting all downstream activities.

Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning							N/A
2 Preliminary Design							N/A
3 Final Design	7/1/2015	9/15/2017	807	7/1/2015	9/15/2017	807	Completed
4 Implementation	9/18/2017	5/7/2021	1327	9/18/2017	6/30/2022	1746	In Progress
5 Closeout	5/10/2021	12/30/2022	599	7/1/2022	5/31/2023	334	Not Started
6 Acquisition							Not Started
Substantial Completion Date	5/7/2021			6/30/2022			

Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	7/1/2015	5/7/2021	2137	419	19.00 %
Current Schedule	7/1/2015	6/30/2022	2556		

Q2 2019 Baseline Detail Report

Agency: All, Fund: All, Year: 2019, Qtr: 2nd Quarter, MPA Only: Yes, Project: All

1126875 PSERN Capital STANDALONE

Cost  Yellow

Cost Variance Comment

\$5M of the capital costs increase is due to recharacterizing the debt service costs into the capital project costs.

Cost Variance Analysis by Capital Phase

Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru JUN-2019	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$0	\$17,129	\$0	\$0	0.00 %
2 Preliminary Design	\$0	\$328,649	\$0	\$0	0.00 %
3 Final Design	\$20,052,985	\$21,161,470	\$21,161,470	\$1,108,485	6.00 %
4 Implementation	\$232,522,006	\$41,529,346	\$239,875,325	\$7,353,319	3.00 %
5 Closeout	\$7,119,653	\$0	\$4,062,299	(\$3,057,354)	-43.00 %
6 Acquisition	\$0	\$322,878	\$0	\$0	0.00 %
Total	\$259,694,644	\$63,359,472	\$265,099,094	\$5,404,450	2.08 %

Mandatory Phased Appropriation Reporting

MPA-1. Contracts

Contractor Name	Purpose	Amount	Start Date	End Date	# of Contract Changes	Contract Change Amt
Motorola Solutions Inc	Other	\$112,453,534	12/17/2014	12/14/2034	8	\$14,113,687
Summit Solutions	Construction	\$22,902,396	09/08/2017	07/24/2020	0	\$0
KPFF	Construction Management	\$2,000,000	07/06/2017	07/06/2020	0	\$0
Odelia Pacific Corporation	Design/Engineering	\$11,200,000	12/05/2014	12/05/2019	1	\$2,000,000
Mastec	Construction	\$2,500,000	11/07/2016	11/07/2018	0	\$0
Mastec	Construction	\$1,750,000	03/23/2017	03/23/2018	0	\$0
Mastec	Construction	\$2,500,000	07/22/2016	01/18/2018	0	\$0
Thermobond	Other	\$4,500,000	03/25/2016	03/29/2022	0	\$0
Valmont Structures	Other	\$4,500,000	06/01/2016	06/30/2021	0	\$0
Fire Protection Inc	Other	\$1,020,000	03/01/2017	02/28/2020	0	\$0
	Total	\$165,325,930			9	\$16,113,687

MPA-2. Contract Change Explanation

Q2 2019 Baseline Detail Report

Agency: All, Fund: All, Year: 2019, Qtr: 2nd Quarter, MPA Only: Yes, Project: All

1126875 PSERN Capital STANDALONE

Motorola Solutions

- Change Order #1 - Changes to Project Schedule and Summary of Contract Milestones (\$0)
- Change Order #2 - Changes to Schedule of Payments (\$0)
- Change Order #3 - Scope of Work and Price (\$1,823,081.35)
- Change Order #4 - Scope of Work and Price (\$561,984.14)
- Change Order #5 - Scope of Work and Price (\$2,584,281.76)
- Change Order #6 - Price List - Exhibit 2 (\$0)
- Change Order #7 - Adjust counts of MSI control stations and consolettes (\$247,902.55)
- Change Order #8 - Dispatch center console additions, enhanced on street coverage to benefit in-building coverage, site development changes (\$8,380,528.33)

Odelia Pacific

Change Order# 5 added \$2M due to unforeseen site design changes directed by PSERN as:

- Sites shifting around a few times, DPER permitting process requiring 3rd party engineering
- Major system improvements due to insufficient existing infrastructure for our design
- Costs due to Conditional Use Permit (CUP) which requires incremental permitting work and 3rd party work – photo simulations, SMEs on property valuation, RF exposure, landscaping, etc
- HVAC design
- Tower design and planning shifting many times due to leasing issues
- Site design changes to meet Landlord requirements
- Environmental Assessments for USFS sites

MPA-3. Current Quarter's Key Activities

Q2 2019 Baseline Detail Report

Agency: All, Fund: All, Year: 2019, Qtr: 2nd Quarter, MPA Only: Yes, Project: All

1126875 PSERN Capital STANDALONE

Motorola:
Milestone 2B - Install and Test Site DC Power Systems Equipment
Milestone 2C - Install and Test Microwave Equipment and Software
Milestone 2D - Install and Test Microwave Central Control Equipment and Software
Milestone 2K - Install and Test LMR Central Control Equipment and Software (All Sites Serving Primary Bounded Coverage Area, Highway 410 and I-90)
Milestone 2L- Install and Test LMR Base Station Equipment and Software (All Sites Serving Primary Bounded Coverage Area and Highway 410)
Milestone 2M - Install and Test Site Alarm and Video Systems Equipment and Software (All Sites Serving Primary Bounded Coverage Area and Highway 410)
Milestone 2N- Install and Test MPLS System and Software (All Sites Serving Primary Bounded Coverage Area and Highway 410)
Milestone 2I - FCC License Applications
Milestone 2O - Install and Test DC System
Milestone 2P - Install and Test Site Backhaul System and Software (All Sites Serving I-90)
Milestone 2Q- Install and Test LMR Base Station Equipment and Software (All Sites Serving I-90)
Milestone 2R - Install and Test Site Alarm and Video Systems Equipment and Software (All Sites Serving I-90)
Milestone 2S - Install and Test Dispatch Equipment and Software, CAD Switch Interface
Milestone 2T - Install and Test Control Stations
Milestone 2U - Install and Test ISSI Integration and Tunnel Systems Integration Equipment and Software
Milestone 2V - Install and Test VHF/UHF
Milestone 2Z - Deliver and Test Additional Dispatch Consoles: 5 for SPD, 4 for NORCOM, 4 for NORCOM Back-Up, 2 for Issaquah, 2 for Bothell, 2 for Valleycom, 1 for RJC and 1 for Enumclaw
Milestone 2W - Completion of Training for Dispatcher Train-the-Trainers
Milestone 4X- Install and Test Site DC Systems and Software (All Sites Serving Highway 2)
Milestone 4Y - Install and Test Backhaul System and Software (All Sites Serving Highway 2)
Milestone 4Z - Install and Test LMR Base Station Equipment and Software (All Sites Serving Highway 2)

MPA-4. Next Quarter's Key Activities

Q2 2019 Baseline Detail Report

Agency: All, Fund: All, Year: 2019, Qtr: 2nd Quarter, MPA Only: Yes, Project: All

1126875 PSERN Capital STANDALONE

Motorola:
Milestone 2B - Install and Test Site DC Power Systems Equipment
Milestone 2C - Install and Test Microwave Equipment and Software
Milestone 2D - Install and Test Microwave Central Control Equipment and Software
Milestone 2K - Install and Test LMR Central Control Equipment and Software (All Sites Serving Primary Bounded Coverage Area, Highway 410 and I-90)
Milestone 2L- Install and Test LMR Base Station Equipment and Software (All Sites Serving Primary Bounded Coverage Area and Highway 410)
Milestone 2M - Install and Test Site Alarm and Video Systems Equipment and Software (All Sites Serving Primary Bounded Coverage Area and Highway 410)
Milestone 2N- Install and Test MPLS System and Software (All Sites Serving Primary Bounded Coverage Area and Highway 410)
Milestone 2I - FCC License Applications
Milestone 2O - Install and Test DC System
Milestone 2P - Install and Test Site Backhaul System and Software (All Sites Serving I-90)
Milestone 2Q- Install and Test LMR Base Station Equipment and Software (All Sites Serving I-90)
Milestone 2R - Install and Test Site Alarm and Video Systems Equipment and Software (All Sites Serving I-90)
Milestone 2S - Install and Test Dispatch Equipment and Software, CAD Switch Interface
Milestone 2T - Install and Test Control Stations
Milestone 2U - Install and Test ISSI Integration and Tunnel Systems Integration Equipment and Software
Milestone 2V - Install and Test VHF/UHF
Milestone 2Z - Deliver and Test Additional Dispatch Consoles: 5 for SPD, 4 for NORCOM, 4 for NORCOM Back-Up, 2 for Issaquah, 2 for Bothell, 2 for Valleycom, 1 for RJC and 1 for Enumclaw
Milestone 2W - Completion of Training for Dispatcher Train-the-Trainers
Milestone 4X- Install and Test Site DC Systems and Software (All Sites Serving Highway 2)
Milestone 4Y - Install and Test Backhaul System and Software (All Sites Serving Highway 2)
Milestone 4Z - Install and Test LMR Base Station Equipment and Software (All Sites Serving Highway 2)

MPA-5. Closely Monitored Issues & Risk Summary

- In-building Coverage Impact to the Project
 - > Project has asked Motorola Solutions, Inc. for a design to add three radio sites to the project for the purpose of delivering in-building coverage to Downtown Seattle, Downtown Bellevue, and North Renton area.
- DAS transition
 - > Project has hired a consultant to help with inventory of DAS systems and the transition
- Site development Delays
 - > Leasing delays incurred thus far are impacting all downstream activities. Following leases for any given site are construction activities, equipment installation, testing activities, as well as system acceptance. The project has been working with the executive sponsor to prioritize and escalate leasing in order to minimize schedule delays.

Q2 2019 Baseline Detail Report

Agency: All, Fund: All, Year: 2019, Qtr: 2nd Quarter, MPA Only: Yes, Project: All

1114757 PKS S: SCRT TWO RIVERS SEG A PKS SOUTH COUNTY REGIONAL TRA

Target Baseline Date	04/27/2016
Actual Baseline Date	07/28/2016
Council District(s)	5
Department	NATURAL RESOURCES AND PARKS
Agency	Parks and Recreation
Contact	David Shaw
MPA Reporting	Yes - Reporting Required
Publish Quarter	Q2 2019



Last updated by DNRPlchungm on 7/22/2019 10:51:56 AM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru JUN-2019	ITD Budget thru JUN-2019
1 Planning	6/4/2008	6/29/2009	Completed	\$0	\$12	\$0
2 Preliminary Design	9/3/2010	6/28/2013	Completed	\$387,039	\$290,166	\$0
3 Final Design	7/1/2013	4/1/2019	Completed	\$950,000	\$1,010,557	\$505,001
4 Implementation	4/2/2019	12/6/2019	In Progress	\$4,729,738	\$221,785	\$1
5 Closeout	12/7/2019	6/7/2020	Not Started	\$24,813	\$0	\$1
6 Acquisition	7/1/2013	8/31/2018	Completed	\$108,750	\$66,839	\$1
Total				\$6,200,340	\$1,589,358	\$505,004

Current Substantial Completion

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	6/4/2008	6/29/2009	\$0
2 Preliminary Design	9/3/2010	6/28/2013	\$358,750
3 Final Design	7/1/2013	6/30/2017	\$791,103
4 Implementation	7/1/2017	12/31/2017	\$3,636,769
5 Closeout	1/2/2018	5/2/2019	\$24,813
6 Acquisition	7/1/2013	6/30/2017	\$108,750
Total			\$4,920,185

Baseline Substantial Completion

Scope  Green

Q2 2019 Baseline Detail Report

Agency: All, Fund: All, Year: 2019, Qtr: 2nd Quarter, MPA Only: Yes, Project: All

1114757 PKS S: SCRT TWO RIVERS SEG A PKS SOUTH COUNTY REGIONAL TRA

Scope Variance Comment

Current Scope

The project will construct a segment of the Lake to Sound Trail from Naches Avenue SW in the City of Renton to the Green River Trail near Fort Dent Park in the City of Tukwila. Segment A of the Trail will be 1.2 miles in length and will include the construction of a 12-foot-wide, paved, non-motorized shared use path with 2-foot-wide gravel shoulders. The project will also make improvements to Monster Road including a pedestrian crossing with a high intensity activated flashing (HAWK) light and a new pedestrian bridge over the Black River. The project will include necessary drainage and driveway crossings. Funding for this segment comes from KC Parks levies, grants from the Federal Highway Administration (FHWA), a State grant from RCO as well as local contributions from the cities Renton and Tukwila.

Baseline Scope

The project will construct 1.2 miles of trail in Renton's Black River Forest. It connects to the Green River Trail at Tukwila's Ft. Dent Park.

Schedule Red

Schedule Variance Comment

This project must be constructed during a specific habitat window (July through December). The delay in approval of the State capital budget in 2017 delayed the award of a \$500,000 RCO (State Recreation and Conservation Office) grant for this project, impacting the project schedule. Interagency Agreements (ILA) were needed with the Cities of Renton and Tukwila for the project. Extended negotiations of the terms of the ILA with the City of Renton through 2017 and 2018 extended the project schedule. As of this report, the ILAs for both cities have been fully executed and the bidding process is currently under way.

Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	6/4/2008	6/29/2009	390	6/4/2008	6/29/2009	390	Completed
2 Preliminary Design	9/3/2010	6/28/2013	1029	9/3/2010	6/28/2013	1029	Completed
3 Final Design	7/1/2013	6/30/2017	1460	7/1/2013	4/1/2019	2100	Completed
4 Implementation	7/1/2017	12/31/2017	183	4/2/2019	12/6/2019	248	In Progress
5 Closeout	1/2/2018	5/2/2019	485	12/7/2019	6/7/2020	183	Not Started
6 Acquisition	7/1/2013	6/30/2017	1460	7/1/2013	8/31/2018	1887	Completed
Substantial Completion Date	11/22/2017			11/6/2019			

Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	7/1/2013	11/22/2017	1605	714	44.00 %
Current Schedule	7/1/2013	11/6/2019	2319		

Q2 2019 Baseline Detail Report

Agency: All, Fund: All, Year: 2019, Qtr: 2nd Quarter, MPA Only: Yes, Project: All

1114757 PKS S: SCRT TWO RIVERS SEG A PKS SOUTH COUNTY REGIONAL TRA

Cost  Red

Cost Variance Comment

Construction estimate has increased due to delay and bid climate.

Cost Variance Analysis by Capital Phase

Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru JUN-2019	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$0	\$12	\$0	\$0	0.00 %
2 Preliminary Design	\$358,750	\$290,166	\$387,039	\$28,289	8.00 %
3 Final Design	\$791,103	\$1,010,557	\$950,000	\$158,897	20.00 %
4 Implementation	\$3,636,769	\$221,785	\$4,729,738	\$1,092,969	30.00 %
5 Closeout	\$24,813	\$0	\$24,813	\$0	0.00 %
6 Acquisition	\$108,750	\$66,839	\$108,750	\$0	0.00 %
Total	\$4,920,185	\$1,589,358	\$6,200,340	\$1,280,155	26.02 %

Mandatory Phased Appropriation Reporting

MPA-1. Contracts

Contractor Name	Purpose	Amount	Start Date	End Date	# of Contract Changes	Contract Change Amt
Olson Brothers Excavating, Inc.	Construction	\$2,722,577	04/02/2019	11/06/2019	0	\$0
PARAMETRIX INC	Design/Engineering	\$500,460	12/07/2018	12/31/2020	0	\$0
	Total	\$3,223,037			0	\$0

MPA-2. Contract Change Explanation

The contract Olson Brothers Excavating (OBE) was executed in April, 2019.

MPA-3. Current Quarter's Key Activities

OBE was selected to be the contractor for the project in April, 2019. Documentation and document control activities began in April. Construction activities began in May and have focused on mobilization, site preparation activities and ordering of long lead items.

MPA-4. Next Quarter's Key Activities

The bulk of construction will occur in the next quarter. Key construction activities include soil mixing, bridge abutment construction, bridge placement, HAWK signal, traffic island, curb/gutter, roadway restoration, fence/canopy under railroads, and portions of trail paving. The wildlife restriction lifts on August 31 allowing work to begin on eastern portion of the trail in September.

Q2 2019 Baseline Detail Report

Agency: All, Fund: All, Year: 2019, Qtr: 2nd Quarter, MPA Only: Yes, Project: All

1114757 PKS S: SCRT TWO RIVERS SEG A PKS SOUTH COUNTY REGIONAL TRA

MPA-5. Closely Monitored Issues & Risk Summary

UPRR approval of agreement with OBE and preconstruction meeting.
Soil mixing for bridge foundations.
HAWK signal pole lead time.
Wildlife restriction.
Potential for cultural resources find.

Q2 2019 Baseline Detail Report

Agency: All, Fund: All, Year: 2019, Qtr: 2nd Quarter, MPA Only: Yes, Project: All

1119993 PKS S:ELST S SAMM SEG A PKS M:E LAKE SAMM TRAIL

Target Baseline Date	09/30/2010
Actual Baseline Date	01/17/2017
Council District(s)	3
Department	NATURAL RESOURCES AND PARKS
Agency	Parks and Recreation
Contact	Gina Auld
MPA Reporting	Yes - Reporting Required
Publish Quarter	Q2 2019



Last updated by DNRPlchungm on 7/23/2019 9:07:07 AM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru JUN-2019	ITD Budget thru JUN-2019
1 Planning	3/1/1999	6/30/2007	Completed	\$502,051	\$543,739	\$1
2 Preliminary Design	7/10/2007	5/31/2010	Completed	\$46,898	\$47,066	\$1
3 Final Design	7/1/2013	1/9/2017	Completed	\$737,765	\$737,765	\$1
4 Implementation	1/10/2017	1/17/2018	Completed	\$7,901,910	\$8,620,997	\$1
5 Closeout	1/18/2018	4/30/2019	Completed	\$50,000	\$33,628	\$1
6 Acquisition		9/18/1998	Completed	\$9,337	\$9,337	\$1
Total				\$9,247,961	\$9,992,532	\$6

Current Substantial Completion

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning			
2 Preliminary Design			
3 Final Design	1/7/2013	3/31/2015	\$1,246,272
4 Implementation	4/1/2015	2/1/2016	\$12,066,808
5 Closeout			\$50,000
6 Acquisition			\$0
Total			\$13,363,080

Baseline Substantial Completion

Scope  Green

Q2 2019 Baseline Detail Report

Agency: All, Fund: All, Year: 2019, Qtr: 2nd Quarter, MPA Only: Yes, Project: All

1119993 PKS S:ELST S SAMM SEG A PKS M:E LAKE SAMM TRAIL

Scope Variance Comment

Current Scope

The East Lake Sammamish Master Plan Trail project includes design and construction of an alternative, non-motorized transportation corridor and a multi-use recreational trail along 11 miles of a former Burlington Northern Santa Fe (BNSF) railroad corridor on the east side of Lake Sammamish, from Redmond to Issaquah. King County purchased the corridor in 1997, and in 2006 opened the existing interim gravel trail to the public. The King County Parks and Recreation Division spent ten years on master planning, design work, environmental review and resolving legal issues related to this project, with ongoing involvement of a citizen's advisory group and in close coordination with the Cities of Redmond, Sammamish and Issaquah.

The Redmond Segment was completed and opened to the public in November 2011. The Issaquah Segment was completed and opened to the public in June 2013. North Sammamish Segment was completed and opened to the public in July 2015. Segment A was completed and open to the public January 2018. Project Closeout expected to be complete second quarter 2019.

Baseline Scope

The East Lake Sammamish Master Plan Trail project includes design and construction of an alternative, non-motorized transportation corridor and a multi-user recreational trail along 11 miles of a former Burlington Northern Santa Fe (BNSF) railroad corridor on the east side of Lake Sammamish, from Redmond to Issaquah. King County purchased the corridor from BNSF in 1997, and in 2006 opened the existing interim use gravel trail to the public. The King County parks and Recreation Division spent ten years on master planning, design work, environmental review and resolving legal issues related to this project, with ongoing involvement of a citizen's advisory group and in close coordination with the Cities of Redmond, Sammamish and Issaquah.

The East Lake Sammamish Master Plan Trail is being designed and constructed in phases, or segments, based on budget availability. The Redmond segment, NE 70th Street to 187th Avenue NE was completed and opened to the public in November 2011. The Issaquah segment, SE 43rd Way to Gilman Boulevard, was completed and opened to the public in June 2013. Construction of the North Sammamish Segment begin in April 2014 and opened to the public in July 2015. Construction of Segment A will begin in January 2017 and to be completed in October, 2018.

Schedule  Green

Schedule Variance Comment

Q2 2019 Baseline Detail Report

Agency: All, Fund: All, Year: 2019, Qtr: 2nd Quarter, MPA Only: Yes, Project: All

1119993 PKS S:ELST S SAMM SEG A PKS M:E LAKE SAMM TRAIL

Schedule Comparison: Baseline vs. Current							
Schedule	Baseline			Current			Status
	Start	End	Duration	Start	End	Duration	
1 Planning				3/1/1999	6/30/2007	3043	Completed
2 Preliminary Design				7/10/2007	5/31/2010	1056	Completed
3 Final Design	1/7/2013	3/31/2015	813	7/1/2013	1/9/2017	1288	Completed
4 Implementation	4/1/2015	2/1/2016	306	1/10/2017	1/17/2018	372	Completed
5 Closeout				1/18/2018	4/30/2019	467	Completed
6 Acquisition					9/18/1998		Completed
Substantial Completion Date	9/28/2017			1/17/2018			

Schedule Variance Analysis					
	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	1/7/2013	9/28/2017	1725	-64	-3.00 %
Current Schedule	7/1/2013	1/17/2018	1661		

Cost  Green

Cost Variance Comment

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru JUN-2019	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$0	\$543,739	\$502,051	\$502,051	0.00 %
2 Preliminary Design	\$0	\$47,066	\$46,898	\$46,898	0.00 %
3 Final Design	\$1,246,272	\$737,765	\$737,765	(\$508,507)	-41.00 %
4 Implementation	\$12,066,808	\$8,620,997	\$7,901,910	(\$4,164,898)	-35.00 %
5 Closeout	\$50,000	\$33,628	\$50,000	\$0	0.00 %
6 Acquisition	\$0	\$9,337	\$9,337	\$9,337	0.00 %
Total	\$13,363,080	\$9,992,532	\$9,247,961	(\$4,115,119)	-30.79 %

Mandatory Phased Appropriation Reporting

Q2 2019 Baseline Detail Report

Agency: All, Fund: All, Year: 2019, Qtr: 2nd Quarter, MPA Only: Yes, Project: All

1119993 PKS S:ELST S SAMM SEG A PKS M:E LAKE SAMM TRAIL

MPA-1. Contracts

Contractor Name	Purpose	Amount	Start Date	End Date	# of Contract Changes	Contract Change Amt
Active Construction, Inc.	Construction	\$4,489,000	01/10/2017	10/09/2017	0	\$0
Parametrix, Inc.	Design/Engineering	\$961,000	07/10/2007	01/09/2017	5	\$421,000
Parametrix, Inc.	Construction Management	\$2,193,000	01/10/2017	09/28/2017	1	\$6,000
	Total	\$7,643,000			6	\$427,000

MPA-2. Contract Change Explanation

Current Substantial Completion date is changed to January 17, 2018 from September 28, 2017. This is due to an additional 37 non-working days approved as a result of wet weather conditions and contract changes.

MPA-3. Current Quarter's Key Activities

- a) Continue contract closeout
- b) Final Acceptance letter sent to Contractor.

MPA-4. Next Quarter's Key Activities

Contract Bond will be released upon receipt of the Certificates of Release from the Washington State Departments of Revenue, Employment Security, Labor and Industries Employer Liability Certificate, and completion of a lien search.

MPA-5. Closely Monitored Issues & Risk Summary

NA

Q2 2019 Baseline Detail Report

Agency: All, Fund: All, Year: 2019, Qtr: 2nd Quarter, MPA Only: Yes, Project: All

1038122 WTC SUNSET HEATH PS FM UPGRADE STANDALONE

Target Baseline Date	04/14/2015
Actual Baseline Date	04/14/2015
Council District(s)	6
Department	NATURAL RESOURCES AND PARKS
Agency	Wastewater Treatment
Contact	Lisa Taylor
MPA Reporting	Yes - Reporting Required
Publish Quarter	Q2 2019



Last updated by DNRPEricksoh on 7/30/2019 12:40:48 PM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru JUN-2019	ITD Budget thru JUN-2019
1 Planning			N/A	\$2,495,049	\$2,495,049	\$2,511,674
2 Preliminary Design	2/22/2011	4/14/2015	Completed	\$5,652,053	\$5,726,463	\$5,000,516
3 Final Design	4/14/2015	5/1/2017	Completed	\$7,278,351	\$7,284,380	\$12,986,056
4 Implementation	5/1/2017	5/30/2020	In Progress	\$59,201,099	\$44,434,972	\$54,005,334
5 Closeout	5/30/2020	12/31/2020	Not Started	\$66,431	\$1,528	\$103,414
6 Acquisition	3/31/2015	12/20/2016	Completed	\$444,266	\$459,257	\$670,181
Total				\$75,137,250	\$60,401,649	\$75,277,175

Current Substantial Completion

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	2/2/2009	2/22/2011	\$2,464,679
2 Preliminary Design	2/22/2011	4/14/2015	\$6,692,376
3 Final Design	4/14/2015	4/14/2017	\$5,993,235
4 Implementation	4/14/2017	8/1/2020	\$53,446,456
5 Closeout	8/1/2020	3/28/2021	\$788,903
6 Acquisition	8/1/2015	3/11/2016	\$368,842
Total			\$69,754,491

Baseline Substantial Completion

Scope  Green

Q2 2019 Baseline Detail Report

Agency: All, Fund: All, Year: 2019, Qtr: 2nd Quarter, MPA Only: Yes, Project: All

1038122 WTC SUNSET HEATH PS FM UPGRADE STANDALONE

Scope Variance Comment

Current Scope

Sunset/Heathfield Pump Station Replacement & Forcemain Upgrade - The Sunset/Heathfield Pump Station Replacement and Forcemain Upgrade Project will increase the pumping capacity of the Sunset and Heathfield pump stations to 30 million gallons per day (mgd) by replacing pump station equipment and installing new force mains.

Baseline Scope

The Sunset/Heathfield Pump Stations and Forcemain Project as planned will increase the pumping capacity of the stations to as much as 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.

Schedule



Green

Schedule Variance Comment

Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			Status
	Start	End	Duration	Start	End	Duration	
1 Planning	2/2/2009	2/22/2011	750				N/A
2 Preliminary Design	2/22/2011	4/14/2015	1512	2/22/2011	4/14/2015	1512	Completed
3 Final Design	4/14/2015	4/14/2017	731	4/14/2015	5/1/2017	748	Completed
4 Implementation	4/14/2017	8/1/2020	1205	5/1/2017	5/30/2020	1125	In Progress
5 Closeout	8/1/2020	3/28/2021	239	5/30/2020	12/31/2020	215	Not Started
6 Acquisition	8/1/2015	3/11/2016	223	3/31/2015	12/20/2016	630	Completed
Substantial Completion Date	3/31/2020			1/21/2020			

Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	4/14/2015	3/31/2020	1813	-70	-3.00 %
Current Schedule	4/14/2015	1/21/2020	1743		

Cost



Yellow

Cost Variance Comment

The bid price for the construction contract was significantly higher than the baseline estimate.

Q2 2019 Baseline Detail Report

Agency: All, Fund: All, Year: 2019, Qtr: 2nd Quarter, MPA Only: Yes, Project: All

1038122 WTC SUNSET HEATH PS FM UPGRADE STANDALONE

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru JUN-2019	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$2,464,679	\$2,495,049	\$2,495,049	\$30,370	1.00 %
2 Preliminary Design	\$6,692,376	\$5,726,463	\$5,652,053	(\$1,040,323)	-16.00 %
3 Final Design	\$5,993,235	\$7,284,380	\$7,278,351	\$1,285,117	21.00 %
4 Implementation	\$53,446,456	\$44,434,972	\$59,201,099	\$5,754,643	11.00 %
5 Closeout	\$788,903	\$1,528	\$66,431	(\$722,472)	-92.00 %
6 Acquisition	\$368,842	\$459,257	\$444,266	\$75,424	20.00 %
Total	\$69,754,491	\$60,401,649	\$75,137,250	\$5,382,760	7.72 %

Mandatory Phased Appropriation Reporting

MPA-1. Contracts

Contractor Name	Purpose	Amount	Start Date	End Date	# of Contract Changes	Contract Change Amt
Flatiron West, Inc - duplicate	Construction	\$39,359,800	05/01/2017	01/20/2020	13	\$2,759,800
Stantec Consulting Services, Inc.	Design/Engineering	\$14,745,772	08/17/2010	01/31/2020	19	\$894,561
Jacobs Project Management Co.	Construction Management	\$3,026,899	06/16/2015	03/31/2020	2	\$362,246
	Total	\$57,132,470			34	\$4,016,607

MPA-2. Contract Change Explanation

Engineering amendments to date are attributed to design complexity and refinements. Change order twelve addresses costs associated with a differing site condition at a jacking pit along 164th Place NE. Other change orders address miscellaneous construction issues associated with irregularities in the design or to evaluate changes requested by the contractor.

MPA-3. Current Quarter's Key Activities

2nd Quarter 2019 1. Completed conveyance installation and conducted testing and installation repairs. 2. Continue electrical and mechanical equipment replacement work at pump stations. 3. Provided regular electronic briefings and notices of work to interested community members.

MPA-4. Next Quarter's Key Activities

3rd Quarter 2019 (projected). 1. Complete conveyance work and put the new force main into service. 2. Continue electrical and mechanical replacements at pump stations. 3. Continue community relations notifications and briefings as needed.

MPA-5. Closely Monitored Issues & Risk Summary

Q2 2019 Baseline Detail Report

Agency: All, Fund: All, Year: 2019, Qtr: 2nd Quarter, MPA Only: Yes, Project: All

1038122 WTC SUNSET HEATH PS FM UPGRADE STANDALONE

Monitoring: 1. Condition of existing equipment. 2. Any delays with equipment procurement so schedule impacts can be minimized. 3. Community impacts, beyond those already planned for and shared with residents.

Q2 2019 Baseline Detail Report

Agency: All, Fund: All, Year: 2019, Qtr: 2nd Quarter, MPA Only: Yes, Project: All

1114382 WTC NORTH CREEK INTERCEPTOR (WTC N CREEK INTERCEPTOR) STANDALONE

Target Baseline Date	07/16/2012
Actual Baseline Date	07/16/2012
Council District(s)	1
Department	NATURAL RESOURCES AND PARKS
Agency	Wastewater Treatment
Contact	Lisa Taylor
MPA Reporting	Yes - Reporting Required
Publish Quarter	Q2 2019



Last updated by DNRPEricksoh on 7/30/2019 12:40:48 PM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru JUN-2019	ITD Budget thru JUN-2019
1 Planning	4/1/2010	6/14/2010	Completed	\$2,267	\$2,267	\$2,267
2 Preliminary Design	3/21/2011	7/16/2012	Completed	\$553,145	\$553,145	\$553,145
3 Final Design	7/16/2012	10/1/2014	Completed	\$3,485,941	\$3,485,941	\$3,485,941
4 Implementation	2/2/2015	12/31/2019	In Progress	\$77,149,733	\$76,214,648	\$77,493,345
5 Closeout	12/31/2019	12/31/2020	Not Started	\$1,776,556	\$1,715,085	\$1,820,969
6 Acquisition			N/A	\$1,001,920	\$913,920	\$2,151,070
Total				\$83,969,562	\$82,885,006	\$85,506,737

Current Substantial Completion

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	4/1/2010	3/21/2011	\$0
2 Preliminary Design	3/21/2011	8/31/2012	\$0
3 Final Design	7/16/2012	10/1/2014	\$4,424,632
4 Implementation	3/23/2014	6/9/2017	\$51,018,522
5 Closeout	6/9/2017	12/29/2017	\$693,689
6 Acquisition	2/3/2013	2/12/2014	\$453,816
Total			\$56,590,659

Baseline Substantial Completion

Scope  Green

Q2 2019 Baseline Detail Report

Agency: All, Fund: All, Year: 2019, Qtr: 2nd Quarter, MPA Only: Yes, Project: All

1114382 WTC NORTH CREEK INTERCEPTOR (WTC N CREEK INTERCEPTOR) STANDALONE

Scope Variance Comment

Current Scope

North Creek Interceptor - This project increases the capacity of part of the North Creek Interceptor Sewer serving southwestern Snohomish County. The project involves replacement of 10,000 LF of existing gravity pipe with larger gravity pipes, 36 to 48 inches in diameter. Both trenchless (open face shield tunneling and pipe ramming) and open trench construction methods are being used.

Baseline Scope

Complete the design, obtain permits and easements, and construct the new NCI, including about 10,000 feet of new 36 to 48 inch diameter sewer and connection to the existing sewers. Both trenchless (open face shield tunneling and pipe ramming) and open cut construction methods of pipe installation will be considered.

Schedule



Red

Schedule Variance Comment

The schedule variance was due to the implementation of the "Water Seepage Mitigation" solution, final negotiations with the Canyon Park Business Association (CPBA), and the protracted wet weather season. In 2019, Q3 the final street restoration, Grind and Overlay will be completed.

Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	4/1/2010	3/21/2011	354	4/1/2010	6/14/2010	74	Completed
2 Preliminary Design	3/21/2011	8/31/2012	529	3/21/2011	7/16/2012	483	Completed
3 Final Design	7/16/2012	10/1/2014	807	7/16/2012	10/1/2014	807	Completed
4 Implementation	3/23/2014	6/9/2017	1174	2/2/2015	12/31/2019	1793	In Progress
5 Closeout	6/9/2017	12/29/2017	203	12/31/2019	12/31/2020	366	Not Started
6 Acquisition	2/3/2013	2/12/2014	374				N/A
Substantial Completion Date	12/6/2016			2/27/2018			

Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	7/16/2012	12/6/2016	1604	448	27.00 %
Current Schedule	7/16/2012	2/27/2018	2052		

Cost



Red

Q2 2019 Baseline Detail Report

Agency: All, Fund: All, Year: 2019, Qtr: 2nd Quarter, MPA Only: Yes, Project: All

1114382 WTC NORTH CREEK INTERCEPTOR (WTC N CREEK INTERCEPTOR) STANDALONE

Cost Variance Comment

Construction is complete with the exception of KC Roads performing Grind and Overlay in 2019 Q3. The schedule and budget is within appropriation.

Cost Variance Analysis by Capital Phase

Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru JUN-2019	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$0	\$2,267	\$2,267	\$2,267	0.00 %
2 Preliminary Design	\$0	\$553,145	\$553,145	\$553,145	0.00 %
3 Final Design	\$4,424,632	\$3,485,941	\$3,485,941	(\$938,691)	-21.00 %
4 Implementation	\$51,018,522	\$76,214,648	\$77,149,733	\$26,131,211	51.00 %
5 Closeout	\$693,689	\$1,715,085	\$1,776,556	\$1,082,868	156.00 %
6 Acquisition	\$453,816	\$913,920	\$1,001,920	\$548,104	121.00 %
Total	\$56,590,659	\$82,885,006	\$83,969,562	\$27,378,903	48.38 %

Mandatory Phased Appropriation Reporting

MPA-1. Contracts

Contractor Name	Purpose	Amount	Start Date	End Date	# of Contract Changes	Contract Change Amt
James W. Fowler Co.	Construction	\$34,714,000	03/10/2017	03/10/2019	0	\$0
HDR Engineering, Inc.	Design/Engineering	\$5,625,762	09/03/2010	12/31/2019	10	\$301,282
Stantec Consulting Services, Inc.	Construction Management	\$5,170,338	06/24/2014	12/31/2019	6	\$53,694
	Total	\$45,510,100			16	\$354,976

MPA-2. Contract Change Explanation

A contract modification was issued to J.W. Fowler on December 7, 2017, in the amount of \$6.509M. A second contract modification was issued to J.W. Fowler on February 27, 2018 for \$5.700M. A third and final contract modification was issued to J.W.Fowler on February 22, 2019 for \$1.500M.

MPA-3. Current Quarter's Key Activities

1. Corrective Action: Negotiate and define next steps (pending) for "Lifted Carrier Pipe." 2. Revise Temporary Construction Easements (TCE) status. 3. Continue to work through the remainder of the punch list items to wrap up the project. 4. Continue external forensic audit on contractor invoicing. 5. Notify contractor KC is withholding payment on Pay Application #15 & #16 until "Lifted Carrier Pipe" negotiations are finalized. 6. KC CM PCE working project closeout activities.

MPA-4. Next Quarter's Key Activities

2nd Quarter 2019 Projected 1. Finalize external forensic audit on contractor invoicing to finalize QA/QC. 2. KC CM PCE initiate project contract closeout activities. 3. Finalize "Lifted Carrier Pipe" negotiations. 4. KC PM, KC CM PCE, PAO, Outside Legal Counsel and MWL define and revise preliminary KC damages for litigation.

Q2 2019 Baseline Detail Report

Agency: All, Fund: All, Year: 2019, Qtr: 2nd Quarter, MPA Only: Yes, Project: All

1114382 WTC NORTH CREEK INTERCEPTOR (WTC N CREEK INTERCEPTOR) STANDALONE

MPA-5. Closely Monitored Issues & Risk Summary

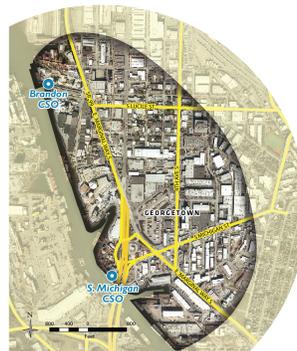
1. Monitor, review, and negotiate final Construction Pay Application #17 with Forensic Auditors, MWL.

Q2 2019 Baseline Detail Report

Agency: All, Fund: All, Year: 2019, Qtr: 2nd Quarter, MPA Only: Yes, Project: All

1121402 WTC GEORGETOWN WET WEATHER TREATMENT STATION (WTC GEORGETOWN WET WEATHER TS) STANDALONE

Target Baseline Date	04/19/2016
Actual Baseline Date	04/19/2016
Council District(s)	1, 8, 9
Department	NATURAL RESOURCES AND PARKS
Agency	Wastewater Treatment
Contact	Lisa Taylor
MPA Reporting	Yes - Reporting Required
Publish Quarter	Q2 2019



Last updated by DNRPEricksoh on 7/30/2019 12:40:48 PM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru JUN-2019	ITD Budget thru JUN-2019
1 Planning	1/7/2013	6/11/2013	Completed	\$579,223	\$579,223	\$579,223
2 Preliminary Design	6/24/2015	4/19/2016	Completed	\$16,114,219	\$16,186,439	\$13,267,393
3 Final Design	4/19/2016	11/5/2018	Completed	\$19,028,116	\$19,110,548	\$43,647,937
4 Implementation	4/10/2017	1/13/2023	In Progress	\$193,895,280	\$53,580,981	\$188,070,597
5 Closeout	8/27/2018	5/26/2025	In Progress	\$586,306	\$0	\$1
6 Acquisition	4/18/2015	8/27/2018	Completed	\$11,292,547	\$11,316,741	\$14,329,452
Total				\$241,495,691	\$100,773,933	\$259,894,603

Current Substantial Completion

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	1/7/2013	6/11/2013	\$579,218
2 Preliminary Design	6/11/2013	4/19/2016	\$11,352,431
3 Final Design	4/19/2016	11/21/2017	\$26,364,748
4 Implementation	11/21/2017	12/23/2022	\$208,751,871
5 Closeout	12/23/2022	12/17/2024	\$1,952,276
6 Acquisition	4/18/2015	12/16/2016	\$11,712,569
Total			\$260,713,113

Baseline Substantial Completion

Scope ● Green

Q2 2019 Baseline Detail Report

Agency: All, Fund: All, Year: 2019, Qtr: 2nd Quarter, MPA Only: Yes, Project: All

1121402 WTC GEORGETOWN WET WEATHER TREATMENT STATION (WTC GEORGETOWN WET WEATHER TS) STANDALONE

Scope Variance Comment

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. RINs funded the following for this project: solar panels.

Baseline 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.

Schedule



Green

Schedule Variance Comment

Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			Status
	Start	End	Duration	Start	End	Duration	
1 Planning	1/7/2013	6/11/2013	155	1/7/2013	6/11/2013	155	Completed
2 Preliminary Design	6/11/2013	4/19/2016	1043	6/24/2015	4/19/2016	300	Completed
3 Final Design	4/19/2016	11/21/2017	581	4/19/2016	11/5/2018	930	Completed
4 Implementation	11/21/2017	12/23/2022	1858	4/10/2017	1/13/2023	2104	In Progress
5 Closeout	12/23/2022	12/17/2024	725	8/27/2018	5/26/2025	2464	In Progress
6 Acquisition	4/18/2015	12/16/2016	608	4/18/2015	8/27/2018	1227	Completed
Substantial Completion Date	2/28/2022			1/23/2022			

Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	4/19/2016	2/28/2022	2141	-36	-1.00 %
Current Schedule	4/19/2016	1/23/2022	2105		

Q2 2019 Baseline Detail Report

Agency: All, Fund: All, Year: 2019, Qtr: 2nd Quarter, MPA Only: Yes, Project: All

1121402 WTC GEORGETOWN WET WEATHER TREATMENT STATION (WTC GEORGETOWN WET WEATHER TS) STANDALONE

Cost  Green

Cost Variance Comment

Cost Variance Analysis by Capital Phase

Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru JUN-2019	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$579,218	\$579,223	\$579,223	\$5	0.00 %
2 Preliminary Design	\$11,352,431	\$16,186,439	\$16,114,219	\$4,761,788	42.00 %
3 Final Design	\$26,364,748	\$19,110,548	\$19,028,116	(\$7,336,632)	-28.00 %
4 Implementation	\$208,751,871	\$53,580,981	\$193,895,280	(\$14,856,591)	-7.00 %
5 Closeout	\$1,952,276	\$0	\$586,306	(\$1,365,971)	-70.00 %
6 Acquisition	\$11,712,569	\$11,316,741	\$11,292,547	(\$420,022)	-4.00 %
Total	\$260,713,113	\$100,773,933	\$241,495,691	(\$19,217,423)	-7.37 %

Mandatory Phased Appropriation Reporting

MPA-1. Contracts

Contractor Name	Purpose	Amount	Start Date	End Date	# of Contract Changes	Contract Change Amt
Titan Earthwork	Construction	\$3,012,067	04/10/2017	02/09/2018	2	\$228,837
CH2M Hill Engineers	Design/Engineering	\$35,291,944	12/02/2013	12/31/2022	8	\$610,098
Jacobs Project Management Co.	Construction Management	\$10,939,702	08/17/2016	12/31/2022	3	\$147,881
	Total	\$49,243,714			13	\$986,816

MPA-2. Contract Change Explanation

Treatment Plant Contract - Electrical Vault Revisions - The contractor has provided an estimate of \$2.3 Million, which KC is disputing. In the meantime, a unilateral change order was issued in the amount of \$165,501 to pay for actual costs and not impact the schedule while negotiating - Panelboard Modifications - \$7,912 - Rigid Inclusion Design Change - \$7,829 - Pipe Encasement Design Change - \$9,935 - 48-inch Effluent Sump Flanges - \$21,268 - Delayed SDCI Preconstruction Meeting - \$70,144 - DSC - SCOT Utility Conflict - \$5,257 - Additional Monitoring Points - \$6,445 - DSC - Contaminated Soil - \$117,731 - Drain Revisions - \$51,983 - Rebar Terminators @ Liner Wall - \$7,078 - Outfall - DSC - Zone 2 Utility Conflicts - \$117,922 - DSC - Zone 2 Utility Conflicts through 12/31/18 - \$8,386 - DSC - Existing Swale Debris - \$16,158 - Second In-water Work Window - 365 days - DSC WSDOT Bridge Conductor Reroute - \$6,296 - Work acceleration & Weather Concerns - \$5,014 Conveyance Contract - Wash Station Access - \$4,705 - Decommissioning Monitoring Well - \$881 - Soil Sample Collection and Analysis - \$145,000 - DSC - Contaminated Soil - \$1,050,500

MPA-3. Current Quarter's Key Activities

Q2 2019 Baseline Detail Report

Agency: All, Fund: All, Year: 2019, Qtr: 2nd Quarter, MPA Only: Yes, Project: All

1121402 WTC GEORGETOWN WET WEATHER TREATMENT STATION (WTC GEORGETOWN WET WEATHER TS) STANDALONE

1. The Project Management role has transferred from MaryBeth Gilbrough to Chris Robinson, effective 5/17/19. 2. The WWTP Contractor continues to scale concrete from the faces of secant pile beams and cleaning spoils from the IPS shaft. Placement of the topping slab on the tremie slab and subsequent placements of the structural slab appear to have eliminated subsurface materials displacement into the IPS shaft. 3. Discussions and correspondence the Muckleshoot Tribe, Suquamish Tribe, Army Corps of Engineers, City of Seattle, and Washington Department of Fish and Wildlife regarding Outfall work during the 2019/2020 fish window are proceeding on schedule and showing favorable results. 4. Although unforeseen underground utilities delayed the start of pipe ramming work under the UPRR line near River Street, a solution was identified, and the work began in late June 2019. 5. The identification, characterization and disposal of unforeseen contaminated soils remains ongoing. Soil sampling is conducted prior to excavation in order to mitigate potential schedule impacts. 6. The contractor has begun working nights at the EBI and Michigan diversion structures.

MPA-4. Next Quarter's Key Activities

1. Treatment Station contractor to continue duct bank installations, continue 24-inch Effluent (EFF) and Effluent Recirculation (EFFR) pipe installations, continue rebar placement for walls in the ballasted sedimentation area, form and place concrete for walls in the UV disinfection area. 2. Outfall contractor will be on hold until the next fish window in Q3 2019. Continue negotiating second fish window with the Muckleshoot Tribe, Suquamish Tribe, Army Corps of Engineers, City of Seattle, and Washington Department of Fish and Wildlife. 3. Conveyance contractor will continue pipe ramming work under the UPRR line near River Street, continue night work at the EBI and Michigan diversion structures and begin work at the Brandon Street regulator.

MPA-5. Closely Monitored Issues & Risk Summary

Treatment Plant - IPS Shaft material displacement - The identification, characterization and disposal of unforeseen contaminated soils - Dewatering discharge fees - Settlement issues on Prologis ramp Outfall - Negotiating second fish window with the Muckleshoot Tribe, Suquamish Tribe, Army Corps of Engineers, City of Seattle, and Washington Department of Fish and Wildlife Conveyance - The identification and mitigation of unforeseen utility conflicts

Q2 2019 Baseline Detail Report

Agency: All, Fund: All, Year: 2019, Qtr: 2nd Quarter, MPA Only: Yes, Project: All

1134206 TDC DT SEATTLE LF EASTLAKE STANDALONE

Target Baseline Date	07/24/2019
Actual Baseline Date	07/16/2019
Council District(s)	4
Department	METRO TRANSIT DEPARTMENT
Agency	Transit
Contact	Kibet, Kevin
MPA Reporting	Yes - Reporting Required
Publish Quarter	Q2 2019

Last updated by DOT\HurstoM on 7/16/2019 11:40:42 AM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru JUN-2019	ITD Budget thru JUN-2019
1 Planning	1/12/2015	2/24/2023	In Progress	\$889,000	\$0	\$0
2 Preliminary Design	1/12/2015	7/31/2017	Completed	\$746,799	\$1,088,175	\$1,359,279
3 Final Design	11/2/2017	7/22/2019	In Progress	\$2,721,461	\$1,029,315	\$2,247,441
4 Implementation	1/31/2019	9/30/2020	In Progress	\$13,638,662	\$385,532	\$14,113,550
5 Closeout	8/1/2019	1/12/2021	Not Started	\$199,049	\$0	\$504,878
6 Acquisition	12/2/2019	2/24/2023	Not Started	\$10,000	\$0	\$0
Total				\$18,204,971	\$2,503,022	\$18,225,148

Current Substantial Completion

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	1/12/2015	2/24/2023	\$889,000
2 Preliminary Design	1/12/2015	7/31/2017	\$746,799
3 Final Design	11/2/2017	7/22/2019	\$2,721,461
4 Implementation	1/31/2019	9/30/2020	\$13,638,662
5 Closeout	8/1/2019	1/12/2021	\$199,049
6 Acquisition	12/2/2019	2/24/2023	\$10,000
Total			\$18,204,971

Baseline Substantial Completion

Scope  Green

Q2 2019 Baseline Detail Report

Agency: All, Fund: All, Year: 2019, Qtr: 2nd Quarter, MPA Only: Yes, Project: All

1134206 TDC DT SEATTLE LF EASTLAKE STANDALONE

Scope Variance Comment

Current Scope

This project is to design and construct an Eastlake site as a long term bus layover facility located along the east side of Eastlake Ave E within Washington State Department of Transportation (WSDOT) right-of-way. This project includes the following major elements: 1) approximately six 60-foot bus layover parking spaces within WSDOT I-5 ROW; 2) approximately six 60-foot bus layover parking spaces in Eastlake Ave E ROW., 3) roadway and intersection modifications as necessary to support the efficient operation of the facility, and 4) 4) a comfort station/operations support multi-use building.

Baseline Scope

This project is to design and construct an Eastlake site as a long term bus layover facility located along the east side of Eastlake Ave E within Washington State Department of Transportation (WSDOT) right-of-way. This project includes the following major elements: 1) approximately six 60-foot bus layover parking spaces within WSDOT I-5 ROW; 2) approximately six 60-foot bus layover parking spaces in Eastlake Ave E ROW.

Schedule  Green

Schedule Variance Comment

Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			
	Start	End	Duration	Start	End	Duration	Status
1 Planning	1/12/2015	2/24/2023	2965	1/12/2015	2/24/2023	2965	In Progress
2 Preliminary Design	1/12/2015	7/31/2017	931	1/12/2015	7/31/2017	931	Completed
3 Final Design	11/2/2017	7/22/2019	627	11/2/2017	7/22/2019	627	In Progress
4 Implementation	1/31/2019	9/30/2020	608	1/31/2019	9/30/2020	608	In Progress
5 Closeout	8/1/2019	1/12/2021	530	8/1/2019	1/12/2021	530	Not Started
6 Acquisition	12/2/2019	2/24/2023	1180	12/2/2019	2/24/2023	1180	Not Started
Substantial Completion Date	9/29/2021			9/29/2021			

Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	11/2/2017	9/29/2021	1427	0	0.00 %
Current Schedule	11/2/2017	9/29/2021	1427		

Cost  Green

Q2 2019 Baseline Detail Report

Agency: All, Fund: All, Year: 2019, Qtr: 2nd Quarter, MPA Only: Yes, Project: All

1134206 TDC DT SEATTLE LF EASTLAKE STANDALONE

Cost Variance Comment

Cost Variance Analysis by Capital Phase

Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru JUN-2019	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$889,000	\$0	\$889,000	\$0	0.00 %
2 Preliminary Design	\$746,799	\$1,088,175	\$746,799	\$0	0.00 %
3 Final Design	\$2,721,461	\$1,029,315	\$2,721,461	\$0	0.00 %
4 Implementation	\$13,638,662	\$385,532	\$13,638,662	\$0	0.00 %
5 Closeout	\$199,049	\$0	\$199,049	\$0	0.00 %
6 Acquisition	\$10,000	\$0	\$10,000	\$0	0.00 %
Total	\$18,204,971	\$2,503,022	\$18,204,971	\$0	0.00 %

Mandatory Phased Appropriation Reporting

MPA-1. Contracts

No MPA contract data found

MPA-2. Contract Change Explanation

MPA-3. Current Quarter's Key Activities

MPA-4. Next Quarter's Key Activities

MPA-5. Closely Monitored Issues & Risk Summary

Q2 2019 Baseline Detail Report

Agency: All, Fund: All, Year: 2019, Qtr: 2nd Quarter, MPA Only: Yes, Project: All

1048385 SW FACTORIA RECYCLING and TS STANDALONE

Target Baseline Date	12/20/2012
Actual Baseline Date	12/20/2012
Council District(s)	6
Department	NATURAL RESOURCES AND PARKS
Agency	Solid Waste
Contact	Margaret Bay
MPA Reporting	Yes - Reporting Required
Publish Quarter	Q2 2019



Last updated by DNRP\doug on 1/29/2019 11:36:47 AM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru JUN-2019	ITD Budget thru JUN-2019
1 Planning	10/1/2007	12/31/2008	Completed	\$110,887	\$110,887	\$0
2 Preliminary Design	1/1/2009	3/10/2011	Completed	\$2,325,881	\$2,325,881	\$0
3 Final Design	4/16/2011	7/11/2014	Completed	\$11,282,229	\$11,282,229	\$12,198,072
4 Implementation	7/11/2014	3/31/2020	In Progress	\$69,180,281	\$69,177,167	\$70,077,652
5 Closeout	4/1/2020	4/2/2022	Not Started	\$457,792	\$2,850	\$318,517
6 Acquisition	10/1/2007	12/1/2007	Completed	\$8,092,932	\$8,092,932	\$11,025,000
Total				\$91,450,002	\$90,991,946	\$93,619,241

Current Substantial Completion

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	10/1/2007	12/31/2008	\$401,000
2 Preliminary Design	1/1/2009	4/30/2011	\$3,150,000
3 Final Design	4/16/2011	4/21/2014	\$12,061,000
4 Implementation	7/11/2014	11/15/2017	\$62,538,000
5 Closeout	11/16/2017	8/28/2018	\$2,587,000
6 Acquisition	10/1/2007	12/1/2007	\$8,083,000
Total			\$88,820,000

Baseline Substantial Completion

Scope  Yellow

Q2 2019 Baseline Detail Report

Agency: All, Fund: All, Year: 2019, Qtr: 2nd Quarter, MPA Only: Yes, Project: All

1048385 SW FACTORIA RECYCLING and TS STANDALONE

Scope Variance Comment

Addition of a half bale compactor. The County is negotiating with the construction contractor to identify and mitigate potential impacts to the project completion date, which was documented in change order #9.

Current Scope

Project will permit, design, and construct a new transfer station and waste processing facility to replace the Factoria Transfer Station. This project has been designated as "high risk" and receives phased appropriation. Appropriations for subsequent phases are approved by the King County Council based upon completion of the current phase and acceptable project cost, schedule, and scope projections.

Baseline Scope

Project will permit, design, and construct a new transfer station and waste processing facility to replace the Factoria Transfer Station. This project has been designated as "high risk" and receives phased appropriation. Appropriations for subsequent phases are approved by the King County Council based upon completion of the current phase and acceptable project cost, schedule, and scope projections.

Schedule



Green

Schedule Variance Comment

From January through March 2016, problems in securing the large (single-bale) compactor caused a 56 calendar day delay to Milestone 2 – "Official NTP2 Start."

Closeout for consultant and construction contracts extended to end of 2019 to correspond with key warranty items, such as the waste compactors & plant establishment.

Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			Status
	Start	End	Duration	Start	End	Duration	
1 Planning	10/1/2007	12/31/2008	457	10/1/2007	12/31/2008	457	Completed
2 Preliminary Design	1/1/2009	4/30/2011	849	1/1/2009	3/10/2011	798	Completed
3 Final Design	4/16/2011	4/21/2014	1101	4/16/2011	7/11/2014	1182	Completed
4 Implementation	7/11/2014	11/15/2017	1223	7/11/2014	3/31/2020	2090	In Progress
5 Closeout	11/16/2017	8/28/2018	285	4/1/2020	4/2/2022	731	Not Started
6 Acquisition	10/1/2007	12/1/2007	61	10/1/2007	12/1/2007	61	Completed
Substantial Completion Date	11/15/2017			8/21/2017			

Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	4/16/2011	11/15/2017	2405	-86	-3.00 %
Current Schedule	4/16/2011	8/21/2017	2319		

Q2 2019 Baseline Detail Report

Agency: All, Fund: All, Year: 2019, Qtr: 2nd Quarter, MPA Only: Yes, Project: All

1048385 SW FACTORIA RECYCLING and TS STANDALONE

Cost  Yellow

Cost Variance Comment

In 2012, the project was baselined at \$88,820,000. In 2014, a budget appropriation of \$4.8M was approved by an ordinance to authorize an additional half-bale compactor. The cost variance is due to the fact that the project has not been re-baselined.

Cost Variance Analysis by Capital Phase

Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru JUN-2019	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$401,000	\$110,887	\$110,887	(\$290,113)	-72.00 %
2 Preliminary Design	\$3,150,000	\$2,325,881	\$2,325,881	(\$824,119)	-26.00 %
3 Final Design	\$12,061,000	\$11,282,229	\$11,282,229	(\$778,771)	-6.00 %
4 Implementation	\$62,538,000	\$69,177,167	\$69,180,281	\$6,642,281	11.00 %
5 Closeout	\$2,587,000	\$2,850	\$457,792	(\$2,129,208)	-82.00 %
6 Acquisition	\$8,083,000	\$8,092,932	\$8,092,932	\$9,932	0.00 %
Total	\$88,820,000	\$90,991,946	\$91,450,002	\$2,630,002	2.96 %

Mandatory Phased Appropriation Reporting

MPA-1. Contracts

Contractor Name	Purpose	Amount	Start Date	End Date	# of Contract Changes	Contract Change Amt
HDR	Design/Engineering	\$12,523,494	11/20/2009	12/30/2019	15	\$10,469,585
Parametrix	Construction Management	\$6,001,808	04/13/2011	10/31/2019	6	\$1,382,890
PCL	Construction	\$57,093,241	07/11/2014	06/18/2019	24	\$2,689,623
	Total	\$75,618,543			45	\$14,542,099

MPA-2. Contract Change Explanation

Q2 2019 Baseline Detail Report

Agency: All, Fund: All, Year: 2019, Qtr: 2nd Quarter, MPA Only: Yes, Project: All

1048385 SW FACTORIA RECYCLING and TS STANDALONE

CO #1: \$50,620 - 13 field directives (FD); additional miscellaneous work issued not included in contract scope. \$1,856.60 of amount paid from Dangerous Waste and Hazardous Materials allowed.

CO #2: \$138,033 - 9 miscellaneous FDs; \$78,684.00 was paid from hazardous waste leaking from underground storage tank. \$11,562 for additional dewatering; \$7,978 for scope failure, which resulted in a credit of \$9,558.88 for a fuel allowance.

CO #3: \$123,416 - 13 FDs for work outside contract scope.

CO #4: \$50,380 - 9 miscellaneous FDs issued authorizing the performance of unidentified additional work not included in the contract scope.

CO #5: \$230,564 - Includes 14 FDs for additional work, outside the scope of the contract, to be performed by contractor.

CO #6: \$73,514 - 13 FDs issued for performance of work outside contract scope. \$207,986.09 was paid from additional dewatering allowance.

CO #7: \$235,819 - 5 FDs issued for work, outside of contract scope, performed.

CO #8: \$127,331 - Includes 20 miscellaneous FDs regarding the performance of additional work issued outside of contract scope.

CO #9: \$0 - Additional 56 day time-only CO.

CO #10: \$180,843 - Includes 9 FDs for work performed outside of contractor's scope.

CO #11: \$67,402.31 - 13 FDs issued for additional work to be performed outside contractor's scope. \$250,000 allowance was used up for dewatering effort associated (issued by FD) and an additional \$9,465.09 (included in CO #11).

CO #12: \$130,911.46 - Incorporated 10 FDs for work performed outside of contractor's scope; SE 30th Street sewer conflict resolution.

CO #13: \$706,940.48 - Incorporated 3 FDs for work performed outside of contractor's scope; imported fill material exceeds anticipated bid quantity.

CO #14: \$121,943.01 - Incorporated 15 FDs for work performed outside of contractor's scope; added aerator to improve performance for air entrainment to meet regulatory requirements. Added two electrical Vehicle Charging Stations to reduce the carbon footprint and support reaching sustainability goals.

CO #15: \$101,807.26 - Incorporated 11 FDs for work performed outside of the contractor's scope with the west water tie-in.

CO #16: \$299,635.80 - Incorporated 2 FDs for increase in dirt quantities. Also incorporated pay issues (PI) 293, 294, 295, and 284 for net additional cost.

CO #17: \$66,441.33 - Incorporated 13 FDs; time extension to 12/20/2017; net addition to contract amount.

CO #18: \$66,259.19 - Incorporated 13 FDs and added funds.

CO #19: \$119,425.69 - Incorporated 10 FDs and added funds.

CO #20: -\$436,796.97 - Deductive CO in amount of minus \$436,796.97. Brings contract total down to \$51,875,469.72 w/o WSST. \$56,646,086.14 with tax. No time adjustment.

CO #21: \$23,883.33 - Add funds for misc punch list items being completed.

CO #22: \$194,130.20 - Incorporate 6 Field Directives, 3 credits, and add funds. No change in time.

CO #23: \$0.00 - Time extension of 180 days to 6/18/2018 to allow for closeout requirements. No funds added.

CO #24: \$0.00 - Time extension of 365 days to 06/18/19 to allow for closeout requirements. No funds added

MPA-3. Current Quarter's Key Activities

1. Continued Closeout Activities and working to resolve compactor performance and reliability issues

MPA-4. Next Quarter's Key Activities

1. Obtain Certificate of Occupancy (Anticipated by 02/21/19)
2. Obtain Final Acceptance (Pending resolution of compactor issues. See closely monitored issues, below).

MPA-5. Closely Monitored Issues & Risk Summary

Q2 2019 Baseline Detail Report

Agency: All, Fund: All, Year: 2019, Qtr: 2nd Quarter, MPA Only: Yes, Project: All

1048385 SW FACTORIA RECYCLING and TS STANDALONE

The waste compactors have been experiencing performance and reliability problems with frequent interruptions while in operation. SWD is working with the prosecuting attorney's office (PAO) in an effort to resolve the issues. The PAO has engaged an independent firm to evaluate and inspect the compactors, including metallurgical testing. The Report was received at the end of September 2018 and was reviewed by the PAO and key stakeholders. A copy of the report was provided to the contractor. The team is continuing to work with PAO to resolve issues. Similarly, the contractor is conducting its own independent study of compactors. The contractor has agreed to provide King County a copy of their report once it is completed in mid-February. The results of this report and recommendations by the PAO's consultant will inform the next steps to be taken.

Q2 2019 Baseline Detail Report

Agency: All, Fund: All, Year: 2019, Qtr: 2nd Quarter, MPA Only: Yes, Project: All

1131904 DES FMD NJB (9TH AND JEFFERSON BUILDING FLOOD DAMAGE REPAIRS) ELECTRICAL REPAIRS (DES FMD NJB ELECTRICAL REPAIR) STANDALONE

Target Baseline Date	08/14/2017
Actual Baseline Date	01/17/2019
Council District(s)	8
Department	EXECUTIVE SERVICES
Agency	Facilities Mgmt
Contact	Jim Burt
MPA Reporting	Yes - Reporting Required
Publish Quarter	Q2 2019



Last updated by KC\hongs on 7/26/2019 10:54:24 AM

Current Schedule and Costs						
Phase	Start	End	Status	Current Estimate At Completion (EAC)	ITD Actuals thru JUN-2019	ITD Budget thru JUN-2019
1 Planning	1/2/2017	3/27/2017	Completed	\$0	\$6,003	\$0
2 Preliminary Design	3/28/2017	8/14/2017	Completed	\$1,005,122	\$999,291	\$0
3 Final Design	8/15/2017	1/31/2018	Completed	\$194,082	\$193,911	\$0
4 Implementation	2/26/2018	5/17/2019	In Progress	\$26,960,796	\$6,629,651	\$28,160,000
5 Closeout	5/20/2019	7/12/2019	Not Started	\$0	\$2,831	\$0
6 Acquisition			Not Started	\$0	\$0	\$0
Total				\$28,160,000	\$7,831,687	\$28,160,000

Current Substantial Completion

Baseline Schedule and Costs			
Phase	Start	End	Baseline Budget At Completion (BAC)
1 Planning	1/2/2017	3/27/2017	\$6,003
2 Preliminary Design	3/28/2017	8/14/2017	\$999,291
3 Final Design	8/15/2017	12/1/2017	\$193,911
4 Implementation	12/4/2017	2/21/2019	\$26,957,964
5 Closeout	2/22/2019	4/18/2019	\$2,831
6 Acquisition			\$0
Total			\$28,160,000

Baseline Substantial Completion

Scope ● Green

Q2 2019 Baseline Detail Report

Agency: All, Fund: All, Year: 2019, Qtr: 2nd Quarter, MPA Only: Yes, Project: All

1131904 DES FMD NJB (9TH AND JEFFERSON BUILDING FLOOD DAMAGE REPAIRS) ELECTRICAL REPAIRS (DES FMD NJB ELECTRICAL REPAIR)
STANDALONE

Scope Variance Comment

Current Scope

Work of this project includes but is not limited to engineering, design, permitting, construction and commissioning all to replace water impacted normal and emergency power systems and distribution, fire alarms system components, security and access control system components, elevator operating controls, and other impacted building systems. Work also include associated work required to implement this project including but not limited to the provision of temporary Emergency Power supply to the 9th and Jefferson Building, Maleng Building, East Hospital and other affected facilities while the existing emergency power system are replaced and or repaired.

Baseline Scope

Work of this project includes but is not limited to engineering, design, permitting, construction and commissioning all to replace water impacted normal and emergency power systems and distribution, fire alarms system components, security and access control system components, elevator operating controls, and other impacted building systems. Work also include associated work required to implement this project including but not limited to the provision of temporary Emergency Power supply to the 9th and Jefferson Building, Maleng Building, East Hospital and other affected facilities while the existing emergency power system are replaced and or repaired.

Schedule



Red

Schedule Variance Comment

Schedule Comparison: Baseline vs. Current

Schedule	Baseline			Current			Status
	Start	End	Duration	Start	End	Duration	
1 Planning	1/2/2017	3/27/2017	84	1/2/2017	3/27/2017	84	Completed
2 Preliminary Design	3/28/2017	8/14/2017	139	3/28/2017	8/14/2017	139	Completed
3 Final Design	8/15/2017	12/1/2017	108	8/15/2017	1/31/2018	169	Completed
4 Implementation	12/4/2017	2/21/2019	444	2/26/2018	5/17/2019	445	In Progress
5 Closeout	2/22/2019	4/18/2019	55	5/20/2019	7/12/2019	53	Not Started
6 Acquisition							Not Started
Substantial Completion Date	2/21/2019			5/17/2019			

Schedule Variance Analysis

	Final Design Start (FDS)	Substantial Completion Date (SCD)	Duration (Days) = (SCD - FDS)	Variance at Completion (VAC) = Current Duration - Baseline Duration	% VAC = (Current Duration - Baseline Duration) / Baseline Duration
Baseline Schedule	8/15/2017	2/21/2019	555	85	15.00 %
Current Schedule	8/15/2017	5/17/2019	640		

Q2 2019 Baseline Detail Report

Agency: All, Fund: All, Year: 2019, Qtr: 2nd Quarter, MPA Only: Yes, Project: All

1131904 DES FMD NJB (9TH AND JEFFERSON BUILDING FLOOD DAMAGE REPAIRS) ELECTRICAL REPAIRS (DES FMD NJB ELECTRICAL REPAIR)
STANDALONE

Cost  Green

Cost Variance Comment

Cost Variance Analysis by Capital Phase					
Phase	Baseline Budget At Completion (BAC)	ITD Actuals thru JUN-2019	Current Estimate At Completion (EAC)	Cost Variance At Completions (CVAC = EAC-BAC)	% CVAC = (EAC - BAC)/BAC
1 Planning	\$6,003	\$6,003	\$0	(\$6,003)	-100.00 %
2 Preliminary Design	\$999,291	\$999,291	\$1,005,122	\$5,831	1.00 %
3 Final Design	\$193,911	\$193,911	\$194,082	\$171	0.00 %
4 Implementation	\$26,957,964	\$6,629,651	\$26,960,796	\$2,832	0.00 %
5 Closeout	\$2,831	\$2,831	\$0	(\$2,831)	-100.00 %
6 Acquisition	\$0	\$0	\$0	\$0	0.00 %
Total	\$28,160,000	\$7,831,687	\$28,160,000	\$0	0.00 %

Mandatory Phased Appropriation Reporting

MPA-1. Contracts

No MPA contract data found

MPA-2. Contract Change Explanation

Work Order Contracts
 -Glumac \$271,571
 -Wood Harbinger \$1,113,020
 -McKinstry \$13,241,474

*Current projections indicate the entire contract amounts will not be used.

MPA-3. Current Quarter's Key Activities

No changes

MPA-4. Next Quarter's Key Activities

Equipment installation complete. Transferring permanent power to new ATS gear.

MPA-5. Closely Monitored Issues & Risk Summary

Procedures for electrical shutdowns and how they affect hospital functions.

Q2 2019 Baseline Detail Report

Agency: All, Fund: All, Year: 2019, Qtr: 2nd Quarter, MPA Only: Yes, Project: All

**1131904 DES FMD NJB (9TH AND JEFFERSON BUILDING FLOOD DAMAGE REPAIRS) ELECTRICAL REPAIRS (DES FMD NJB
ELECTRICAL REPAIR)
STANDALONE**

CIP Fund Level Emergent Need Contingency Budget Utilization

Quarterly Budget Management Report: 2Q2019
 Emergent Need Contingency Use

Emergent Need Project Information

Agency (Division)	Project Number	Project Name	Current ITD Budget
Roads - Fund 3855	1129592	RSD EMERGENT NEED 3865	560,178.00

For Standalone Projects Receiving Emergent Needs Contingency

Agency (Division)	Project Number	Project Name	Adopted ITD Budget	Previous Emergent Need Requests this Biennium	Current Emergent Need Request	Revised ITD Budget	Estimate at Completion	Emergent Need Transfer %*	Emergent Need Letter Required	Reason for Transfer
Road Services Division	1130261	RSD SE176&SE171 WAY ROUNDABOUT	\$ 440,000	\$ -	\$ 8,786	\$ 448,786	\$ 452,000	2%	No	Fund design and construction. Lowest bid exceeded project amount. Additional funding of \$3K drawn from Grant Contingency.
Road Services Division	1131237	RSD SW 102 ST&8 AVE SW RNDABT	\$ 578,218	\$ -	\$ 29,786	\$ 608,004	\$ 662,000	4%	No	Fund design and construction. Lowest bid exceeded project amount. Additional funding of \$54K drawn from Grant Contingency.

CIP Fund Level Grant Contingency Budget Utilization

Quarterly Budget Management Report:
Grant Contingency Use

2 Q 2019

Grant Contingency Project Information

Agency (Division)	Project Number	Project Name	Beginning Quarter ITD Budget	Undesignated Ending Quarter ITD Budget
Roads - Fund 3865	1129593	RSD GRANT CONTINGENCY 3865	\$ 9,641,604	\$ 9,584,394

For Existing Projects Receiving Grant Contingency

Agency (Division)	Project Number	Project Name	Adopted ITD Budget	Current Grant Contingency Request	Revised ITD Budget	Estimate at Completion	Was this grant identified in your CAP? (Yes or No)	KC Percentage Match	Reason for Transfer
Roads-Fund 3865	1130261	RSD SE176&SE171 WAY ROUNDABOUT	\$ 440,000	\$ 3,214	\$ 443,214	\$ 452,000	Y	10%	Fund design and construction. Lowest bid exceeded project amount. Additional funding of \$8K drawn from Emergent Need
Roads-Fund 3865	1131237	RSD SW 102 ST&8 AVE SW RNDABT	\$ 578,218	\$ 53,996	\$ 632,214	\$ 662,000	Y	10%	Fund design and construction. Lowest bid exceeded project amount. Additional funding of \$30K drawn from Emergent Need

Q2 2019 Baseline Report

Agency: All, Fund:All, Year: 2019, Qtr: 2nd Quarter, Cost Status: All, Schedule Status: All, Scope Status: All, Project: All

Project Number	Project Name	Scope Status	Schedule Status	Current Substantial Completion Date	Baseline Duration	Current Duration	Variance at Completion (VAC)	% VAC	Cost Status	Baseline Budget at Completion (BAC)	Current Estimate At Completion (EAC)	Cost Variance At Completion (CVAC)	% CVAC	Report Date
3160 FMD-PARKS,REC,OPEN SPACE - Parks and Recreation														
1122161	PKS CENTRAL MAINT FACILITY	●	▲	10/31/2022	1,574	1,592	18	1 %	●	\$43,613,292	\$43,613,292	\$0	0 %	Q2 2019
3292 SWM CIP NON-BOND SUBFUND - Water and Land Resources														
1114123	WLER PORTER LEVEE SETBACK	●	◆	10/30/2018	584	957	373	63 %	▲	\$5,514,370	\$5,619,039	\$104,669	1 %	Q2 2019
3361 PUGET SOUND EMERGENCY RADIO NETWORK CAPITAL - King County Information Technology														
1126875	PSERN Capital	●	◆	6/30/2022	2,137	2,556	419	19 %	▲	\$259,694,644	\$265,099,094	\$5,404,450	2 %	Q2 2019
3380 AIRPORT CONSTRUCTION - Airport Division														
1129947	AD EQUIPMENT SNOW SHED	■	■						■					Q2 2019
1129960	AD PERIMETER INTRUSION DETECTION SYSTEM	■	■						■					Q2 2019
1134719	AD AIRFIELD ELECTRICAL SYSTEM UPGRADE PHASE II	■	■						■					Q2 2019
3421 MJR MNTNCE RSRV SUB-FUND - Facilities Mgmt														
1039725	DES FMD KCCH DOM WATER DISTRBN	●	▲	10/12/2018	1,196	1,368	172	14 %	●	\$1,381,051	\$1,375,993	(\$5,058)	0 %	Q2 2019
1124124	DES FMD ADMIN BLDG HEAT GENERATING SYSTEMS	●	◆	10/4/2019	636	829	193	30 %	●	\$1,023,487	\$1,023,487	\$0	0 %	Q2 2019
1124166	DES FMD KCCH TERM & PKG UNTS	●	◆	2/3/2020	797	1,208	411	51 %	●	\$1,174,068	\$1,141,682	(\$32,386)	-2 %	Q2 2019
1127249	DES FMD MRJC DET HVAC REPAIR	●	◆	9/4/2020	1,108	1,292	184	16 %	◆	\$2,754,379	\$4,040,501	\$1,286,122	46 %	Q2 2019
1129770	DES FMD MRCHIVES BUILDING D4010 FIRE PROTECTION SPRINKLER SYSTEM	●	●	1/7/2020	197	197	0	0 %	●	\$1,447,358	\$1,447,361	\$3	0 %	Q2 2019
1129786	DES FMD ADMIN. BLDG. D5031 FIRE ALARM SYSTEMS	●	●	10/14/2019	514	266	-248	-48 %	▲	\$1,272,568	\$1,296,475	\$23,907	1 %	Q2 2019
1130853	DES FMD MRJC DETENTION D5014 SWITCHBOARD & MOTOR CONTROL CENTERS	●	◆	12/18/2019	519	601	82	15 %	●	\$1,021,291	\$1,021,266	(\$25)	0 %	Q2 2019
1132355	DES FMD REDMOND (NE) DC WALL REPLACEMENT	●	●	11/7/2019	268	78	-190	-70 %	●	\$1,166,777	\$1,166,777	\$0	0 %	Q2 2019

Q2 2019 Baseline Report

Agency: All, Fund:All, Year: 2019, Qtr: 2nd Quarter, Cost Status: All, Schedule Status: All, Scope Status: All, Project: All

Project Number	Project Name	Scope Status	Schedule Status	Current Substantial Completion Date	Baseline Duration	Current Duration	Variance at Completion (VAC)	% VAC	Cost Status	Baseline Budget at Completion (BAC)	Current Estimate At Completion (EAC)	Cost Variance At Completion (CVAC)	% CVAC	Report Date
3421 MJR MNTNCE RSRV SUB-FUND - Facilities Mgmt														
1134408	DES FMD MMRF BARCLAY DEAN ROOF REPLACEMENT	●	●	11/4/2019	223	168	-55	-24 %	●	\$1,027,314	\$1,027,314	\$0	0 %	Q2 2019
3571 KC FLD CNTRL CAP CONTRACT - Water and Land Resources														
1044579	WLFL2 TOLT PIPELINE PROTECTION	●	◆	10/4/2018	751	1,079	328	43 %	◆	\$8,594,697	\$10,589,798	\$1,995,101	23 %	Q2 2019
1112056	WLFL8 LWR RUSSELL LEVEE SETBACK	●	◆	11/4/2022	796	1,529	733	92 %	▲	\$51,934,533	\$54,398,525	\$2,463,992	4 %	Q2 2019
1115400	WLFL8 TEUFEL PL84-99 MIT	●	●	12/31/2018	1,212	901	-311	-25 %	●	\$4,519,933	\$4,186,354	(\$333,579)	-7 %	Q2 2019
1122633	WLFL2 SE 19TH WAY REVETMENT	●	●	10/5/2018	441	371	-70	-15 %	◆	\$1,433,259	\$1,862,094	\$428,834	29 %	Q2 2019
1129364	WLFL1 SHAKE MILL LEVEE LEFT BANK REVETMENT 2016 RPAIR	●	●	9/27/2019	346	346	0	0 %	●	\$3,245,500	\$3,142,597	(\$102,903)	-3 %	Q2 2019
1132628	WLFL1 REINIG RD 2016 REPAIR	●	●	9/25/2020	568	568	0	0 %	●	\$5,220,119	\$5,220,119	\$0	0 %	Q2 2019
3581 PARKS CAPITAL - Parks and Recreation														
1044668	PKS M: FOOTHILLS REGIONAL TRL	◆	◆	12/15/2022	1,282	2,405	1,123	87 %	◆	\$9,319,162	\$19,000,000	\$9,680,838	103 %	Q2 2019
1114757	PKS S: SCRT TWO RIVERS SEG A	●	◆	11/6/2019	1,605	2,319	714	44 %	◆	\$4,920,185	\$6,200,340	\$1,280,155	26 %	Q2 2019
1119993	PKS S:ELST S SAMM SEG A	●	●	1/17/2018	1,725	1,661	-64	-3 %	●	\$13,363,080	\$9,247,961	(\$4,115,119)	-30 %	Q2 2019
1124791	PKS S:ELST S SAMM SEG B	▲	◆	9/30/2026	1,704	4,109	2,405	141 %	◆	\$25,986,863	\$47,061,579	\$21,074,716	81 %	Q2 2019
1129143	PKS S:ERC NE8TH STREET DEGN	■	●	5/31/2022	1,195	1,195	0	0 %	●	\$23,680,000	\$23,680,000	\$0	0 %	Q2 2019
3591 KC MARINE CONST - Marine Division														
1111718	MD SEATTLE FERRY TERMINAL	●	◆	7/30/2019	1,035	1,246	211	20 %	●	\$34,490,000	\$34,490,000	\$0	0 %	Q2 2019
1129116	MD Float Replacement Pier 50	●	◆	8/12/2019	241	525	284	117 %	▲	\$9,270,145	\$9,971,823	\$701,678	7 %	Q2 2019
3611 WATER QUALITY CONST-UNRES - Wastewater Treatment														
1038122	WTC SUNSET HEATH PS FM UPGRADE	●	●	1/21/2020	1,813	1,743	-70	-3 %	▲	\$69,754,491	\$75,137,250	\$5,382,760	7 %	Q2 2019
1048077	WTC ENVIR LAB ENERGY IMPROVMNT	●	◆	6/27/2019	566	989	423	74 %	◆	\$5,850,874	\$8,402,817	\$2,551,943	43 %	Q2 2019
1114382	WTC NORTH CREEK INTERCEPTOR	●	◆	2/27/2018	1,604	2,052	448	27 %	◆	\$56,590,659	\$83,969,562	\$27,378,903	48 %	Q2 2019
1116796	WTC SP RECLAIMED H2O FAC MODS	●	●	4/30/2018	925	930	5	0 %	▲	\$3,914,248	\$4,183,141	\$268,893	6 %	Q2 2019
1116800	WTC N MERCER ENATAI INT PAR	●	▲	1/11/2024	2,121	2,403	282	13 %	◆	\$116,035,624	\$162,192,314	\$46,156,690	39 %	Q2 2019

Q2 2019 Baseline Report

Agency: All, Fund:All, Year: 2019, Qtr: 2nd Quarter, Cost Status: All, Schedule Status: All, Scope Status: All, Project: All

Project Number	Project Name	Scope Status	Schedule Status	Current Substantial Completion Date	Baseline Duration	Current Duration	Variance at Completion (VAC)	% VAC	Cost Status	Baseline Budget at Completion (BAC)	Current Estimate At Completion (EAC)	Cost Variance At Completion (CVAC)	% CVAC	Report Date
3611 WATER QUALITY CONST-UNRES - Wastewater Treatment														
1116801	WTC LK HILLS&NW LK SAM INTCP	▲	◆	7/18/2024	1,995	2,501	506	25 %	▲	\$119,342,432	\$119,366,484	\$24,052	0 %	Q2 2019
1117514	WTC WEST POINT C-1 RESERVOIR ACCESS	●	◆	2/18/2020	623	889	266	42 %	◆	\$1,926,396	\$4,036,728	\$2,110,332	109 %	Q2 2019
1117748	WTC WP INTERMEDIATE, EPS VFD & DEWATERING ENERGY	●	◆	10/15/2019	1,142	2,618	1,476	129 %	●	\$33,541,919	\$22,942,804	(\$10,599,115)	-31 %	Q2 2019
1120861	WTC MOBILE OC UNIT REPLACEMENT	●	◆	7/31/2020	696	1,354	658	94 %	●	\$3,171,445	\$3,170,886	(\$559)	0 %	Q2 2019
1121402	WTC GEORGETOWN WET WEATHER TREATMENT STATION	●	●	1/23/2022	2,141	2,105	-36	-1 %	●	\$260,713,113	\$241,495,691	(\$19,217,423)	-7 %	Q2 2019
1121404	WTC SP RSP MEDIUM VOLT SG REPL	●	●	12/3/2019	658	658	0	0 %	●	\$8,038,164	\$7,590,480	(\$447,684)	-5 %	Q2 2019
1123517	WTC E FLEET MAINT FAC REPLCMNT	●	◆	11/10/2020	750	1,491	741	98 %	◆	\$9,999,584	\$12,815,234	\$2,815,650	28 %	Q2 2019
1123626	WTC SP BIOGAS HEAT SYS IMPROVE	▲	●	11/14/2023	1,410	1,316	-94	-6 %	●	\$59,897,304	\$27,063,972	(\$32,833,332)	-54 %	Q2 2019
1123627	WTC WP 2ND MIX LIQ BLOWER REPL	●	●	2/5/2021	640	640	0	0 %	●	\$3,994,447	\$3,994,447	\$0	0 %	Q2 2019
1123630	WTC ESI SECT 2 REHAB PHASE II	●	▲	2/13/2020	521	535	14	2 %	●	\$45,812,381	\$30,055,210	(\$15,757,171)	-34 %	Q2 2019
1123632	WTC KENT AUBURN PHASE B	●	●	2/27/2019	1,369	1,268	-101	-7 %	●	\$40,861,397	\$34,275,903	(\$6,585,493)	-16 %	Q2 2019
1125460	WTC BW FF LINKING DEVICE UPGRD	●	◆	9/16/2019	466	665	199	42 %	▲	\$1,203,778	\$1,345,950	\$142,172	11 %	Q2 2019
1127059	WTC WP REPLC INCINERATOR FLARE	●	◆	4/13/2019	559	879	320	57 %	●	\$4,825,164	\$4,787,062	(\$38,102)	0 %	Q2 2019
1127489	WP PRIMARY SED ROOF STRUCTURE	●	●	10/27/2022	1,387	1,387	0	0 %	●	\$37,658,373	\$37,658,373	\$0	0 %	Q2 2019
1128127	WTC WP DRY POLYMER FEEDER REPL	●	◆	6/7/2019	453	865	412	90 %	◆	\$1,100,769	\$1,555,559	\$454,790	41 %	Q2 2019
1129093	WTC HENDERSON/MLK JR WWTS IMPROVEMENTS	●	◆	9/19/2019	391	800	409	104 %	◆	\$1,810,658	\$2,620,953	\$810,296	44 %	Q2 2019
1129531	WTC SP C2/C3 PIPE REPLACEMENT	●	▲	10/20/2019	659	740	81	12 %	●	\$5,307,059	\$4,340,951	(\$966,108)	-18 %	Q2 2019
1130458	WTC SP AER BASIN SAFETY ACCESS	▲	◆	10/9/2021	753	1,118	365	48 %	●	\$1,710,992	\$1,701,536	(\$9,457)	0 %	Q2 2019
1130459	WTC LK UNION TUNNEL GATE MODS	●	◆	11/1/2020	564	972	408	72 %	▲	\$1,039,791	\$1,096,747	\$56,956	5 %	Q2 2019
1130502	WTC BEULAH SAND FILTERS COVERS	●	◆	1/19/2023	766	1,682	916	119 %	●	\$1,591,921	\$1,544,844	(\$47,077)	-2 %	Q2 2019
1131919	WTC BW MEMBRANE FEED PUMP VFD	●	●	11/12/2019	617	617	0	0 %	●	\$1,765,063	\$1,719,043	(\$46,020)	-2 %	Q2 2019
1134071	WTC OVATION CONT SYS UPGRD	●	●	12/31/2021	975	975	0	0 %	●	\$15,547,968	\$15,547,968	\$0	0 %	Q2 2019

Q2 2019 Baseline Report

Agency: All, Fund:All, Year: 2019, Qtr: 2nd Quarter, Cost Status: All, Schedule Status: All, Scope Status: All, Project: All

Project Number	Project Name	Scope Status	Schedule Status	Current Substantial Completion Date	Baseline Duration	Current Duration	Variance at Completion (VAC)	% VAC	Cost Status	Baseline Budget at Completion (BAC)	Current Estimate At Completion (EAC)	Cost Variance At Completion (CVAC)	% CVAC	Report Date
3612 WTD INTERNALLY FINANCED PROJECTSS - Wastewater Treatment														
1134078	WTC BW MBR LEAP UPGD	●	●	9/30/2019	293	293	0	0 %	●	\$2,459,396	\$2,459,396	\$0	0 %	Q2 2019
3641 PUBLIC TRANS CONST-UNREST - Transit														
1125182	TDC ROUTE 150 OPERATIONAL IMPR	●	▲	9/23/2019	774	795	21	2 %	●	\$2,181,203	\$2,181,203	\$0	0 %	Q2 2019
1126880	TDC RT 245 OPERATIONAL IMP	●	▲	9/23/2019	773	794	21	2 %	●	\$2,756,970	\$2,756,970	\$0	0 %	Q2 2019
1127867	TDC COMFORT ST SODO	●	◆	7/15/2019	632	825	193	30 %	▲	\$1,218,297	\$1,246,574	\$28,277	2 %	Q2 2019
1127875	TDC COMFORT ST TIBS	●	◆	8/3/2019	676	872	196	28 %	▲	\$1,077,980	\$1,086,140	\$8,160	0 %	Q2 2019
1129622	TDC VAN DISTR CENTER PARKING	●	◆	9/30/2019	238	629	391	164 %	◆	\$1,298,997	\$1,689,783	\$390,786	30 %	Q2 2019
1131481	TDC BB CB LIFT REPL	●	●	1/15/2020	288	288	0	0 %	▲	\$4,595,915	\$4,623,938	\$28,023	0 %	Q2 2019
1132325	TDC DELRIDGE BURIEN RR	●	●	8/11/2021	1,442	1,442	0	0 %	●	\$57,185,424	\$57,185,424	\$0	0 %	Q2 2019
1132367	TDC MONTLAKE HUB	●	●	1/31/2020	487	487	0	0 %	●	\$4,408,525	\$4,408,525	\$0	0 %	Q2 2019
1132390	TDC BASES FALL PROTECTION	■	■						■					Q2 2019
1134206	TDC DT SEATTLE LF EASTLAKE	●	●	9/29/2021	1,427	1,427	0	0 %	●	\$18,204,971	\$18,204,971	\$0	0 %	Q2 2019
1134217	TDC GH GARAGE REPAIR	●	◆	6/18/2019	233	307	74	31 %	▲	\$1,015,463	\$1,083,627	\$68,164	6 %	Q2 2019
1134218	TDC INTERIM BASE	▲	●	3/2/2020	629	579	-50	-7 %	●	\$40,704,595	\$40,704,595	\$0	0 %	Q2 2019
3673 CRITICAL AREAS MITIGATION - Water and Land Resources														
1122266	WLMR SA4 ISSAQUAH CREEK	●	●	9/30/2019	745	410	-335	-44 %	●	\$2,834,302	\$2,793,775	(\$40,527)	-1 %	Q2 2019
1129446	WLMR SA3 TAYLOR CREEK / CEDAR	●	●	11/29/2019	538	540	2	0 %	▲	\$3,386,401	\$3,467,351	\$80,950	2 %	Q2 2019
3855 COUNTY ROAD MAJOR MAINTENANCE - Roads Services Division														
1130707	RSD FC 162 AVE SE @ SE 166 CT	●	▲	10/30/2020	905	945	40	4 %	●	\$2,542,600	\$2,542,600	\$0	0 %	Q2 2019
1130708	RSD FC DAVID POWELL RD RPR	●	●	11/22/2019	506	486	-20	-3 %	●	\$1,916,000	\$1,500,000	(\$416,000)	-21 %	Q2 2019
1131163	RSD 2017 HIGH FRICTION SURFACE TREATMENT	●	●	11/15/2018	796	540	-256	-32 %	●	\$3,145,000	\$2,340,000	(\$805,000)	-25 %	Q2 2019
1131274	RSD 2017-18 GUARDRAIL PRESVTN	●	◆	9/20/2019	302	779	477	157 %	●	\$4,800,000	\$3,180,245	(\$1,619,755)	-33 %	Q2 2019
1131387	RSD 2017 CW PVMNT PRESERVATION	●	▲	10/9/2018	637	707	70	10 %	●	\$14,900,000	\$12,953,162	(\$1,946,838)	-13 %	Q2 2019
1132218	RSD TOLT BRG 1834A EMGY RPR-17	●	▲	11/16/2018	398	430	32	8 %	●	\$4,500,000	\$3,862,898	(\$637,102)	-14 %	Q2 2019

Q2 2019 Baseline Report

Agency: All, Fund:All, Year: 2019, Qtr: 2nd Quarter, Cost Status: All, Schedule Status: All, Scope Status: All, Project: All

Project Number	Project Name	Scope Status	Schedule Status	Current Substantial Completion Date	Baseline Duration	Current Duration	Variance at Completion (VAC)	% VAC	Cost Status	Baseline Budget at Completion (BAC)	Current Estimate At Completion (EAC)	Cost Variance At Completion (CVAC)	% CVAC	Report Date
3855 COUNTY ROAD MAJOR MAINTENANCE - Roads Services Division														
1133220	RSD 2018 CNTYWDE PAVE PRES	●	●	9/30/2019	637	637	0	0 %	▲	\$4,300,000	\$4,763,000	\$463,000	10 %	Q2 2019
1133757	RSD 2018 BITUM SURF TREATMENT	●	●	9/30/2019	637	637	0	0 %	◆	\$2,900,000	\$3,390,000	\$490,000	16 %	Q2 2019
1136352	RSD 2019 CNTYWDE PAVE PRES	●	●	6/30/2020	537	438	-99	-18 %	●	\$3,067,000	\$3,067,000	\$0	0 %	Q2 2019
3860 COUNTY ROAD CONSTRUCTION - Roads Services Division														
1125296	RSD S 96 ST&8 AVE S SINKHOLE	●	◆	1/14/2019	516	661	145	28 %	▲	\$1,038,930	\$1,081,142	\$42,212	4 %	Q2 2019
1126441	RSD S 96 ST STORMWATER PIPES	●	◆	5/30/2019	614	889	275	44 %	▲	\$2,082,942	\$2,337,007	\$254,065	12 %	Q2 2019
3865 KING COUNTY ROAD CONSTRUCTION - Roads Services Division														
1129595	RSD OLD CASCADE/MILLER BR WEST	●	◆	11/10/2021	748	1,471	723	96 %	●	\$2,300,000	\$2,300,000	\$0	0 %	Q2 2019
1129596	RSD OLD CASCADE/MILLER BR EAST	●	◆	11/10/2021	748	1,471	723	96 %	●	\$2,750,000	\$2,750,000	\$0	0 %	Q2 2019
1129599	RSD RENTON AVE PH III SIDEWALK	●	●	7/5/2021	962	888	-74	-7 %	●	\$3,400,000	\$2,490,000	(\$910,000)	-26 %	Q2 2019
3901 SOLID WASTE CONSTRUCTION - Solid Waste														
1048385	SW FACTORIA RECYCLING and TS	▲	●	8/21/2017	2,405	2,319	-86	-3 %	▲	\$88,820,000	\$91,450,002	\$2,630,002	2 %	Q2 2019
3910 LANDFILL RESERVE - Solid Waste														
1115992	SOLID WASTE AREA 8 DEVELOPMENT/FACILITY RELOCATION	●	▲	4/30/2019	1,555	1,678	123	7 %	●	\$73,306,931	\$73,306,722	(\$209)	0 %	Q2 2019
1124105	SW CEDAR HILLS LANDFILL GAS PIPELINE UPGRADE	●	▲	3/10/2017	456	465	9	1 %	●	\$6,386,232	\$6,380,619	(\$5,613)	0 %	Q2 2019
3951 BLDG REPAIR/REPL SUBFUND - Facilities Mgmt														
1117106	DES FMD CHILD/FAM JUSTICE CTR	●	▲	9/24/2020	1,963	2,025	62	3 %	▲	\$211,955,000	\$241,820,942	\$29,865,942	14 %	Q2 2019
1122048	DES FMD AFIS PROPERTY MANAGEMENT UNIT PLANNING	●	◆	8/4/2019	506	797	291	57 %	●	\$9,798,961	\$9,798,961	\$0	0 %	Q2 2019
1131904	DES FMD NJB (9TH AND JEFFERSON BUILDING FLOOD DAMAGE REPAIRS) ELECTRICAL REPAIRS	●	◆	5/17/2019	555	640	85	15 %	●	\$28,160,000	\$28,160,000	\$0	0 %	Q2 2019
1132306	DES FMD KCIT RADIO IN-BUILDING CONVERSION	●	▲	7/6/2020	555	629	74	13 %	●	\$3,237,943	\$3,237,942	(\$1)	0 %	Q2 2019

Q2 2019 Baseline Report

Agency: All, Fund:All, Year: 2019, Qtr: 2nd Quarter, Cost Status: All, Schedule Status: All, Scope Status: All, Project: All

Project Number	Project Name	Scope Status	Schedule Status	Current Substantial Completion Date	Baseline Duration	Current Duration	Variance at Completion (VAC)	% VAC	Cost Status	Baseline Budget at Completion (BAC)	Current Estimate At Completion (EAC)	Cost Variance At Completion (CVAC)	% CVAC	Report Date
3951 BLDG REPAIR/REPL SUBFUND - Facilities Mgmt														
1133706	DES FMD AFIS KCCH TO BLCKRIVER			12/18/2019	273	274	1	0%		\$2,672,610	\$2,672,610	\$0	0%	Q2 2019