

Project Name: Meadowbrook Bridge No. 1726A

Bid Date: February 15, 2005

Contract No.: C43115C

Bid Verified: February 22, 2005 Lance Hulin

CIP Number: 200294, R44143

Project Length: 731 Ft.

Wilder Construction Co.													
King County Engineers Estimate													
ITEM No.	STD ITEM	ITEM DESCRIPTION	King Co. 200294				Snoqualmie R44143		King County 200294		Snoqualmie R44143		
			UNIT MEAS.	TOTAL QUANT.	UNIT PRICE	TOTAL PRICE	QTY	TOTAL PRICE	Qty	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	
PREPARATION													
1	0001	Mobilization	L.S.	1	\$268,992.00	\$268,992.00	95%	\$255,542.40	5%	\$13,449.60	\$417,000.00	\$396,150.00	\$20,850.00
2	0035	Clearing and Grubbing	L.S.	1	\$2,500.00	\$2,500.00	1	\$2,500.00			\$16,000.00	\$16,000.00	
3	0050	Removal of Structure and Obstruction	L.S.	1	\$10,000.00	\$10,000.00	1	\$10,000.00			\$8,000.00	\$8,000.00	
4	S.P.	Removing Portion of Existing Bridge Deck	L.S.	1	\$80,000.00	\$80,000.00	1	\$80,000.00			\$60,000.00	\$60,000.00	
5	S.P.	Removing Existing Bridge at Approaches	L.S.	1	\$90,000.00	\$90,000.00	1	\$90,000.00			\$42,000.00	\$42,000.00	
6	0120	Removing Asphalt Conc. Pavement	S.Y.	2150	\$8.00	\$17,200.00	2150	\$17,200.00			\$8.00	\$17,200.00	
7	0170	Removing Guardrail	LF	650	\$4.00	\$2,600.00	650	\$2,600.00			\$4.00	\$2,600.00	
8	0182	Removing Guardrail Anchor	EACH	4	\$150.00	\$600.00	4	\$600.00			\$200.00	\$800.00	
GRADING													
9	0405	Common Borrow Incl. Haul	C.Y.	255	\$40.00	\$10,200.00	255	\$10,200.00			\$30.00	\$7,650.00	
10	0431	Gravel Borrow Incl. Haul	TON	1905	\$15.00	\$28,575.00	1905	\$28,575.00			\$15.00	\$28,575.00	
DRAINAGE													
11	7006	Structure Excavation Class B Incl. Haul	CY	770	\$20.00	\$15,400.00	770	\$15,400.00			\$13.00	\$10,010.00	
12	7008	Shoring or Extra Excavation Class B	SF	3845	\$1.00	\$3,845.00	3845	\$3,845.00			\$0.50	\$1,922.50	
13	1073	Light Loose Riprap	TON	20	\$50.00	\$1,000.00	20	\$1,000.00			\$50.00	\$1,000.00	
14	1086	Quarry Spalls	TON	5	\$50.00	\$250.00	5	\$250.00			\$40.00	\$200.00	
15	1993	Debris Cage	EACH	1	\$1,000.00	\$1,000.00	1	\$1,000.00			\$1,700.00	\$1,700.00	
16	3091	Catch Basin Type 1	EACH	7	\$1,000.00	\$7,000.00	7	\$7,000.00			\$1,500.00	\$10,500.00	
17	3105	Catch Basin Type 2 48 in Diam.	EACH	4	\$2,000.00	\$8,000.00	4	\$8,000.00			\$3,000.00	\$12,000.00	
18	3105	Catch Basin Type 2 54 in Diam.	EACH	1	\$3,000.00	\$3,000.00	1	\$3,000.00			\$4,000.00	\$4,000.00	
19	3110	Locking Solid Metal Cover and Frame for Catch Basin	EACH	4	\$300.00	\$1,200.00	4	\$1,200.00			\$330.00	\$1,320.00	
20	3541	Schedule A Storm Sewer Pipe 12 in. Diam.	L.F.	555	\$30.00	\$16,650.00	555	\$16,650.00			\$33.00	\$18,315.00	
21	7360	Manhole 48 In Diam. Type 1	EACH	1	\$3,000.00	\$3,000.00	1	\$3,000.00			\$4,300.00	\$4,300.00	
22	S.P.	Catch Basin Stormfilter	L.S.	1	\$6,500.00	\$6,500.00	1	\$6,500.00			\$9,200.00	\$9,200.00	
23	S.P.	Wetland Excavation Incl. Haul	CY	568	\$35.00	\$19,880.00	568	\$19,880.00			\$27.00	\$15,336.00	
24	7029	Plugging Existing Pipe	EACH	1	\$500.00	\$500.00	1	\$500.00			\$500.00	\$500.00	
25	3151	Testing Storm Sewer Pipe	L.F.	309	\$3.00	\$927.00	309	\$927.00			\$4.00	\$1,236.00	
26	9605	Connection To Drainage Structure	EACH	5	\$500.00	\$2,500.00	5	\$2,500.00			\$1,000.00	\$5,000.00	
27	3063	Drop Manhole Connection	EACH	1	\$2,000.00	\$2,000.00	1	\$2,000.00			\$2,400.00	\$2,400.00	
WATER MAIN													
28	S.P.	Trench Excavation Safety System	L.S.	1	\$1,000.00	\$1,000.00			1	\$1,000.00	\$1,000.00		\$1,000.00
29	S.P.	Directional Boring	L.S.	1	\$100,000.00	\$100,000.00			1	\$100,000.00	\$115,000.00		\$115,000.00
30	3869	Ductile Iron Pipe for Water Main 12 In. Diam.	L.F.	260	\$80.00	\$20,800.00			260	\$20,800.00	\$120.00		\$31,200.00
31	6165	Gate Valve 12 In.	EACH	2	\$1,500.00	\$3,000.00			2	\$3,000.00	\$1,500.00		\$3,000.00
32	S.P.	Pipe Line Installation Restoration	L.S.	1	\$3,000.00	\$3,000.00			1	\$3,000.00	\$3,100.00		\$3,100.00
33	S.P.	Water Main Minor Change	DOL.	1	\$5,000.00	\$5,000.00			1	\$5,000.00	\$5,000.00		\$5,000.00
SANITARY SEWER													
34	3152	Testing Sewer Pipe	L.F.	85	\$2.00	\$170.00	85	\$170.00			\$5.00	\$425.00	
35	3767	PVC Sewer Pipe 8 In. Diam.	L.F.	85	\$45.00	\$3,825.00	85	\$3,825.00			\$42.00	\$3,570.00	
STRUCTURE													
36	4006	Structure Excavation Class A Incl. Haul	CY	34	\$30.00	\$1,020.00	34	\$1,020.00			\$18.00	\$612.00	

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			UNIT MEAS.	TOTAL QUANT.	UNIT PRICE	TOTAL PRICE	QTY	TOTAL PRICE	Qty	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	TOTAL PRICE
37	4013	Shoring or Extra Excavation Class A	L.S.	1	\$2,000.00	\$2,000.00	1	\$2,000.00			\$31,000.00	\$31,000.00	
38	4060	Furnishing and Driving Concrete Test Pile	EACH	4	\$8,000.00	\$32,000.00	4	\$32,000.00			\$13,800.00	\$55,200.00	
39	4070	Furnishing Concrete Piling (24" Diameter)	LF	1792	\$111.25	\$199,360.00	1792	\$199,360.00			\$50.00	\$89,600.00	
40	4080	Driving Concrete Piling (24" Diameter)	EACH	28	\$1,000.00	\$28,000.00	28	\$28,000.00			\$10,600.00	\$296,800.00	
41	S.P.	Stone Columns for Soil Improvement	L.S.	1	\$177,000.00	\$177,000.00	1	\$177,000.00			\$553,000.00	\$553,000.00	
42	S.P.	Compaction Grout Columns for Soil Improvement	CF	5460	\$18.00	\$98,280.00	5460	\$98,280.00			\$14.50	\$79,170.00	
43	4142	Epoxy-Coated Steel Reinforcing Bar - Superstructure	LB	33200	\$1.50	\$49,800.00	33200	\$49,800.00			\$1.50	\$49,800.00	
44	4145	Steel Reinforcing Bar - Superstructure	LB	40470	\$1.25	\$50,587.50	40470	\$50,587.50			\$1.00	\$40,470.00	
45	4153	Concrete Class 4000 - Superstructure	CY	294	\$425.00	\$124,950.00	294	\$124,950.00			\$775.00	\$227,850.00	
46	S.P.	Modification to Existing Piers	LS	1	\$11,585.00	\$11,585.00	1	\$11,585.00			\$2,300.00	\$2,300.00	
47	S.P.	Existing Concrete Pier Repairs	LS	1	\$3,000.00	\$3,000.00	1	\$3,000.00			\$3,000.00	\$3,000.00	
48	S.P.	Truss Deck System	LS	1	\$423,503.57	\$423,503.57	1	\$423,503.57			\$290,000.00	\$290,000.00	
49	S.P.	Truss Jacking and Modifications	LS	1	\$50,000.00	\$50,000.00	1	\$50,000.00			\$55,000.00	\$55,000.00	
50	S.P.	Bridge Truss Bearing	EACH	4	\$3,000.00	\$12,000.00	4	\$12,000.00			\$17,000.00	\$68,000.00	
51	S.P.	Sliding Bearing	EACH	16	\$1,000.00	\$16,000.00	16	\$16,000.00			\$1,700.00	\$27,200.00	
52	4280	Timber and Lumber-Pressure Treated	MBM	5.2	\$2,500.00	\$13,000.00	5.2	\$13,000.00			\$3,900.00	\$20,280.00	
53	4282	Sidewalk Deck Planks	MBM	2.9	\$3,200.00	\$9,280.00	2.9	\$9,280.00			\$4,000.00	\$11,600.00	
54	S.P.	Existing Steel Truss Repairs	Est.	1	\$50,000.00	\$50,000.00	1	\$50,000.00			\$50,000.00	\$50,000.00	
55	S.P.	Existing Sidewalk Bracket Repair and Replacement	Est.	1	\$10,000.00	\$10,000.00	1	\$10,000.00			\$10,000.00	\$10,000.00	
56	S.P.	Containment System	L.S.	1	\$70,000.00	\$70,000.00	1	\$70,000.00			\$260,000.00	\$260,000.00	
57	S.P.	Surface Preparation	L.S.	1	\$45,000.00	\$45,000.00	1	\$45,000.00			\$103,000.00	\$103,000.00	
58	S.P.	Testing and Disposal of Waste Material	L.S.	1	\$40,000.00	\$40,000.00	1	\$40,000.00			\$25,000.00	\$25,000.00	
59	S.P.	Painting Bridge	L.S.	1	\$55,000.00	\$55,000.00	1	\$55,000.00			\$108,000.00	\$108,000.00	
60	S.P.	Bridge Traffic Rail w/ Hand Railing (incl. Curb)	LF	320	\$100.00	\$32,000.00	320	\$32,000.00			\$200.00	\$64,000.00	
61	S.P.	Bridge Traffic Rail (incl. Curb)	LF	580	\$90.00	\$52,200.00	580	\$52,200.00			\$160.00	\$92,800.00	
62	S.P.	Sidewalk Railing	LF	210	\$40.00	\$8,400.00	210	\$8,400.00			\$175.00	\$36,750.00	
63	S.P.	Truss Expansion Joint System	LF	40	\$250.00	\$10,000.00	40	\$10,000.00			\$135.00	\$5,400.00	
64	4338	Expansion Joint System Compression Seal - Superstr.	LF	44	\$40.00	\$1,760.00	44	\$1,760.00			\$31.00	\$1,364.00	
CEMENT CONCRETE PAVEMENT													
65	5656	Bridge Approach Slab	SY	223	\$170.00	\$37,910.00	223	\$37,910.00			\$195.00	\$43,485.00	
HOT MIX ASPHALT													
66	5767	HMA Class 1/2" PG 58-22	TON	232	\$65.00	\$15,080.00	232	\$15,080.00			\$91.00	\$21,112.00	
67	5769	HMA Class 1" PG 58-23	TON	300	\$40.00	\$12,000.00	300	\$12,000.00			\$91.00	\$27,300.00	
EROSION CONTROL & PLANTING													
68	6405	Topsoil Type A	CY	162	\$30.00	\$4,860.00	162	\$4,860.00			\$37.00	\$5,994.00	
69	6422	Seeding and Mulching	ACRE	0.4	\$3,500.00	\$1,400.00	0.4	\$1,400.00			\$1,300.00	\$520.00	
70	6438	Compost	CY	620	\$45.00	\$27,900.00	620	\$27,900.00			\$30.00	\$18,600.00	
71	6454	Erosion Control Blanket	SY	3605	\$1.00	\$3,605.00	3605	\$3,605.00			\$2.00	\$7,210.00	
72	6464	Plastic Covering	SY	150	\$13.00	\$1,950.00	150	\$1,950.00			\$3.00	\$450.00	
73	6468	Stabilized Construction Entrance	SY	300	\$12.00	\$3,600.00	300	\$3,600.00			\$12.00	\$3,600.00	
74	6471	Inlet Protection	EACH	8	\$100.00	\$800.00	8	\$800.00			\$100.00	\$800.00	
75	6373	Silt Fence	L.F.	5620	\$6.00	\$33,720.00	5100	\$30,600.00	520	\$3,120.00	\$5.00	\$25,500.00	\$2,600.00
76	6490	Erosion/Water Pollution Control	EST	1	\$10,000.00	\$10,000.00	1	\$10,000.00			\$10,000.00	\$10,000.00	
77	6550	Bigleaf Maple (5'-6' Ht)	EACH	40	\$32.50	\$1,300.00	40	\$1,300.00			\$22.00	\$880.00	
78	6550	Red Alder (5'-6' Ht)	EACH	30	\$30.00	\$900.00	30	\$900.00			\$17.00	\$510.00	
79	6550	Black Cottonwood (5'-6' Ht)	EACH	40	\$30.00	\$1,200.00	40	\$1,200.00			\$17.00	\$680.00	
80	6550	Douglas Fir (5'-6' Ht)	EACH	45	\$35.00	\$1,575.00	45	\$1,575.00			\$22.00	\$990.00	
81	6550	Vine Maple (5' Ht.)	EACH	25	\$32.50	\$812.50	25	\$812.50			\$22.00	\$550.00	
82	6550	Thimbleberry (1 Gal.)	EACH	105	\$7.00	\$735.00	105	\$735.00			\$6.00	\$630.00	

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			UNIT MEAS.	TOTAL QUANT.	UNIT PRICE	TOTAL PRICE	QTY	TOTAL PRICE	Qty	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	TOTAL PRICE
83	6550	Ocean Spray (1 Gal.)	EACH	97	\$7.00	\$679.00	97	\$679.00			\$6.00	\$582.00	
84	6550	Snowberry (1 Gal.)	EACH	149	\$7.00	\$1,043.00	149	\$1,043.00			\$6.00	\$894.00	
85	6550	Red-Osier Dogwood (1 Gal.)	EACH	72	\$6.00	\$432.00	72	\$432.00			\$6.00	\$432.00	
86	6550	Salmonberry (1 Gal.)	EACH	174	\$7.00	\$1,218.00	174	\$1,218.00			\$6.00	\$1,044.00	
87	6550	Live Willow Stakes	EACH	327	\$2.00	\$654.00	327	\$654.00			\$2.00	\$654.00	
88	6550	Small-fruited Bulrush (Bareroot)	EACH	1310	\$2.00	\$2,620.00	1310	\$2,620.00			\$1.00	\$1,310.00	
89	6550	Slough Sedge (Bareroot)	EACH	395	\$2.00	\$790.00	395	\$790.00			\$1.00	\$395.00	
90	6580	Bark Mulch or wood Chip Mulch	CY	220	\$35.00	\$7,700.00	220	\$7,700.00			\$55.00	\$12,100.00	
91	6583	Straw Mulch	SY	3000	\$3.00	\$9,000.00	3000	\$9,000.00			\$1.00	\$3,000.00	
92	6478	Straw Bale	EACH	50	\$35.00	\$1,750.00	50	\$1,750.00			\$50.00	\$2,500.00	
93	S.P.	Site Prep - Mitigation Site Area	L.S.	1	\$5,000.00	\$5,000.00	1	\$5,000.00			\$3,000.00	\$3,000.00	
		TRAFFIC											
94	6751	Beam Guardrail Type 1	L.F.	500	\$15.00	\$7,500.00	500	\$7,500.00			\$24.00	\$12,000.00	
95	6716	Beam Guardrail Flared Terminal	EACH	2	\$1,800.00	\$3,600.00	2	\$3,600.00			\$2,100.00	\$4,200.00	
96	6771	Beam Guardrail Anchor Type 1	EACH	2	\$600.00	\$1,200.00	2	\$1,200.00			\$715.00	\$1,430.00	
97	6806	Paint Line	L.F.	2105	\$1.00	\$2,105.00	2105	\$2,105.00			\$0.40	\$842.00	
98	6884	Raised Pavement Marker Type 2	HUND	0.70	\$300.00	\$210.00	0.70	\$210.00			\$360.00	\$252.00	
99		deleted											
100	6904	Illumination System	L.S.	1	\$30,500.00	\$30,500.00	1	\$30,500.00			\$10,000.00	\$10,000.00	
101	6912	Traffic Signal System	L.S.	1	\$53,400.00	\$53,400.00	1	\$53,400.00			\$85,000.00	\$85,000.00	
102	6958	Type III Barricade	EACH	2	\$200.00	\$400.00	2	\$400.00			\$200.00	\$400.00	
103	S.P.	Project Temporary Traffic Control	L.S.	1	\$7,000.00	\$7,000.00	1	\$7,000.00			\$10,000.00	\$10,000.00	
104	S.P.	Water Main Temporary Traffic Control	L.S.	1	\$1,000.00	\$1,000.00			1	\$1,000.00	\$2,000.00		\$2,000.00
105	6994	Portable Changeable Message Sign	EACH	2	\$3,000.00	\$6,000.00	2	\$6,000.00			\$4,000.00	\$8,000.00	
106	6995	Operation of Portable Changeable Message Sign	HR	1152	\$5.00	\$5,760.00	1152	\$5,760.00			\$8.00	\$9,216.00	
107	S.P.	Detour Signing	L.S.	1	\$4,000.00	\$4,000.00	1	\$4,000.00			\$5,000.00	\$5,000.00	
108	7442	Permanent Impact Attenuator	EACH	4	\$16,500.00	\$66,000.00	4	\$66,000.00			\$19,000.00	\$76,000.00	
109	6859	Plastic Stop Line	L.F.	22	\$15.00	\$330.00	22	\$330.00			\$12.00	\$264.00	
		OTHER ITEMS											
110	6727	Extruded Curb	L.F.	465	\$4.50	\$2,092.50	465	\$2,092.50			\$5.00	\$2,325.00	
111	7018	Water	MGAL	5	\$25.00	\$125.00	5	\$125.00			\$51.00	\$255.00	
112	7037	Structure Surveying	L.S.	1	\$7,000.00	\$7,000.00	1	\$7,000.00			\$21,000.00	\$21,000.00	
113	7045	Monument Case and Cover	EACH	4	\$350.00	\$1,400.00	4	\$1,400.00			\$400.00	\$1,600.00	
114	7091	High Visibility Fencing	L.F.	2000	\$3.00	\$6,000.00	2000	\$6,000.00			\$3.00	\$6,000.00	
115	7169	Structural Earth Wall	SF	1570	\$32.00	\$50,240.00	1570	\$50,240.00			\$20.00	\$31,400.00	
116	7170	Backfill for Structural Earth Wall	CY	309	\$31.00	\$9,579.00	309	\$9,579.00			\$80.00	\$24,720.00	
117	7400	Training	HOUR	400	\$8.00	\$3,200.00	400	\$3,200.00			\$5.00	\$2,000.00	
118	7480	Roadside Clean UP	L.S.	1	\$5,000.00	\$5,000.00	1	\$5,000.00			\$5,000.00	\$5,000.00	
119	7728	Minor Change	L.S.	1	\$5,000.00	\$5,000.00	1	\$5,000.00			\$5,000.00	\$5,000.00	
120	7736	SPCC Plan	L.S.	1	\$1,000.00	\$1,000.00	1	\$1,000.00			\$1,000.00	\$1,000.00	
					TOTAL	\$2,885,715.07		\$2,735,345.47		\$150,369.60		\$3,856,731.50	\$183,750.00

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