

Bid Item No.	Work Item	Unit Price	Unit	Qty	Cost	I-5 Off-Ramp Culvert 995293	I-5 On-Ramp Culvert 995298	W SR 18 Culvert 995297	E SR 18 Culvert 996277	Access Road Crossing 995295	20th Ave Culvert 995296
	Preparation					Preparation					
0025	Clearing and Grubbing	\$ 4,000.00	ACRE	15	\$59,200						
0050	Removal of Structures and Obstructions	\$ -	L.S.	0	\$0						
0100	Removing Cement Conc. Sidewalk	\$ 30.00	S.Y.	3,110	\$93,300						
0108	Removing Cement Conc. Curb and Gutter	\$ 10.00	L.F.	2,555	\$25,550						
0120	Removing Asphalt Conc. Pavement	\$ 7.50	S.Y.	28,307	\$212,303						
0145	Removing Conc. Barrier	\$ 15.00	L.F.	228	\$3,420						
0170	Removing Guardrail	\$ 10.00	L.F.	4,838	\$48,380						
0182	Removing Guardrail Anchor	\$ 250.00	EACH	7	\$1,750						
0230	Removing Wire Fence	\$ 5.00	L.F.	2,818	\$14,090						
	Grading					Grading					
0310	Roadway Excavation Incl Haul	\$ 15.00	C.Y.	65,987	\$989,801						
0431	Gravel Borrow Incl Haul	\$ 10.00	TON	61,041	\$610,410	1,109	\$11,090	1,977	\$19,770	9,966	\$99,660
0470	Embankment Compaction	\$ 5.00	C.Y.	24,947	\$124,734	599	\$2,995	1,069	\$5,345	5,387	\$26,935
	Structure					Structure					
4006	Structure Excavation Class A Incl Haul	\$ 30.00	C.Y.			3,937	\$118,110	20,347	\$610,410	6,672	\$200,160
4013	Shoring or Extra Excavation Class A	\$ 1.00	L.S.			1,625	\$35,750	2,042	\$2,042	6,005	\$6,005
	Soldier Pile Tieback Wall	\$ 200.00	S.F.			3,248	\$649,600	9,326	\$1,865,200	12,610	\$2,522,000
	Box Culvert	\$ 3,000.00	L.F.			90	\$270,000	90	\$270,000	270	\$810,000
4119	SEW Traffic Barrier	\$ 250.00	L.F.	3,040	\$760,000						
xxxx	Bridge Lump Sum (including bridge approach slabs, curtain walls, and wingwalls)	\$ 3,900,000.00	L.S.	1	\$3,900,000						
xxxx	Retaining Wall - LW_W (Wire Mesh Wall)	\$ 40.00	S.F.	9,020	\$360,800						
xxxx	Retaining Wall - NS-01_W (Wire Mesh Wall)	\$ 40.00	S.F.	440	\$17,600						
xxxx	Retaining Wall - NS-04_E1 (SEW Wall)	\$ 60.00	S.F.	5,223	\$313,380						
xxxx	Retaining Wall - NS-04_ABU (SEW Wall)	\$ 60.00	S.F.	128	\$7,680						
xxxx	Retaining Wall - NS-04_E2 (east wingwalls at northern end of bridge) - included in bridge lump sum	\$ -	S.F.	0	\$0						
xxxx	Retaining Wall - NS-04_W1 (SEW Wall)	\$ 60.00	S.F.	9,039	\$542,340						
xxxx	Retaining Wall - NS-04_W2 (west wingwalls at northern end of bridge) - included in bridge lump sum	\$ -	S.F.	0	\$0						
xxxx	Retaining Wall - R-SW_W1 (SEW Wall)	\$ 60.00	S.F.	325	\$19,500						
xxxx	Retaining Wall - R-SW_W2 (SEW Wall)	\$ 60.00	S.F.	3,991	\$239,460						
xxxx	Retaining Wall - R-SW_E1 (SEW Wall)	\$ 60.00	S.F.	1,427	\$85,620						
xxxx	Retaining Wall - R-SW_E2 (SEW Wall)	\$ 60.00	S.F.	3,398	\$203,880						
xxxx	Retaining Wall - R-SW_E2 (Soldier Pile Wall)	\$ 200.00	S.F.	1,091	\$218,200						
	Surfacing					Surfacing					
5100	Crushed Surfacing Base Course	\$ 25.00	TON	14,734	\$368,341						
	Cement Concrete Pavement					Cement Concrete Pavement					
5625	Cement Conc. Pavement	\$ 250.00	C.Y.	1,966	\$491,500						
	Liquid Asphalt					Liquid Asphalt					
xxxx	Anti-Stripping Additive	\$ 1.00	EST.	1	\$1						
	Hot Mix Asphalt					Hot Mix Asphalt					
5767	HMA CL. 1/2 IN. PG 64-22	\$ 80.00	TON	18,258	\$1,460,671						
5830	Job Mix Compliance Price Adjustment	\$ 1.00	CALC	43,820	\$43,820						
5835	Compaction Price Adjustment	\$ 1.00	CALC	29,213	\$29,213						
	Erosion Control & Planting					Erosion Control & Planting					
xxxx	Replanting	\$ 800,000.00	L.S.	1	\$800,000						
xxxx	TESC Lump Sum	\$ 657,500.00	L.S.	1	\$657,500						
	Traffic					Traffic					
6698	Roundabout Splitter Island Nosing Curb	\$ 250.00	EACH	6	\$1,500						
6699	Roundabout Cement Concrete Curb and Gutter (Curb 2)	\$ 25.00	L.F.	2,697	\$67,425						
6700	Cement Conc. Traffic Curb and Gutter	\$ 25.00	L.F.	5,082	\$127,050						
6708	Roundabout Central Island Cement Concrete Curb (Curb 3)	\$ 25.00	L.F.	637	\$15,925						
6709	Roundabout Truck Apron Outer Cem. Conc. Curb And Gutter (Curb 1)	\$ 25.00	L.F.	909	\$22,725						
6757	Beam Guardrail Type 31	\$ 30.00	L.F.	1,583	\$47,490						
6760	Beam Guardrail Transition Section Type 21	\$ 5,000.00	EACH	2	\$10,000						
6716	Beam Guardrail Type 31 Flared Terminal	\$ 2,500.00	EACH	3	\$7,500						
6774	Beam Guardrail Anchor Type 4	\$ 750.00	EACH	3	\$2,250						
6777	Cast-In-Place Conc. Barrier	\$ 100.00	L.F.	986	\$98,600						
6807	Plastic Line (White Edge Line)	\$ 1.50	L.F.	14,272	\$46,461						
	Plastic Line (Yellow Edge Line)	\$ 1.50	L.F.	7,062							
	Plastic Line (Lane Line)	\$ 1.50	L.F.	5,939							
	Plastic Line (Solid Lane Line)	\$ 1.50	L.F.	816							
	Plastic Line (Double Yellow Centerline)	\$ 1.50	L.F.	1,621							
	Plastic Line (Two-Way Left-Turn Centerline)	\$ 1.50	L.F.	850							
	Plastic Line (Dotted Lane Line)	\$ 1.50	L.F.	291							
	Plastic Line (Dotted Extension Line)	\$ 1.50	L.F.	123							

Bid Item No.	Work Item	Unit Price	Unit	Qty	Cost	I-5 Off-Ramp Culvert 995293	I-5 On-Ramp Culvert 995298	W SR 18 Culvert 995297	E SR 18 Culvert 996277	Access Road Crossing 995295	20th Ave Culvert 995296
6828	Plastic Wide Lane Line (Wide Dotted Circulating Lane Line)	\$ 3.00	L.F.	122	\$21,282						
	Plastic Wide Lane Line (Wide Dotted Extension Lane Line)	\$ 3.00	L.F.	175							
	Plastic Wide Lane Line (Wide Dotted Lane Line)	\$ 3.00	L.F.	1,620							
	Plastic Wide Lane Line (Wide Lane Line)	\$ 3.00	L.F.	4,787							
	Plastic Wide Lane Line (Wide Solid Circulating Lane Line)	\$ 3.00	L.F.	390							
6857	Plastic Crosswalk Line	\$ 10.00	S.F.	868	\$8,680						
6859	Plastic Stop Line	\$ 15.00	L.F.	112	\$1,680						
6833	Plastic Traffic Arrow	\$ 200.00	EACH	29	\$5,800						
6867	Plastic Bicycle Lane Symbol	\$ 200.00	EACH	14	\$2,800						
9238	Plastic Yield Line Symbol	\$ 50.00	EACH	56	\$2,800						
xxxx	Signing Lump Sum	\$ 532,500.00	L.S.	1	\$532,500						
xxxx	ITS Lump Sum	\$ 192,000.00	L.S.	1	\$192,000						
xxxx	Illumination Lump Sum	\$ 422,500.00	L.S.	1	\$422,500						
6847	Plastic Wide Dotted Entry Line	\$ 3.00	L.F.	295	\$885						
6822	Plastic Crosshatch Marking (Yellow Diagonal Crosshatch Line)	\$ 7.50	L.F.	440	\$5,453						
	Plastic Crosshatch Marking (White Chevron Crosshatch Line)	\$ 7.50	L.F.	287							
	Other Items					Other Items					
7003	Type B Progress Schedule	\$ 15,000.00	L.S.	1	\$15,000						
7055	Cement Conc. Sidewalk	\$ 35.00	S.Y.	3,643	\$127,505						
7059	Cement Conc. Driveway Entrance Type 1	\$ 75.00	S.Y.	418	\$31,350						
7059	Cement Conc. Driveway Entrance Type 3	\$ 75.00	S.Y.	239	\$17,925						
7058	Cement Conc. Curb Ramp Type - Combination	\$ 1,500.00	EACH	10	\$15,000						
7480	Roadside Cleanup	\$ 110,000.00	L.S.	1	\$110,000						
7725	Reimbursement for Third Party Damage	\$ 10,000.00	EST.	1	\$10,000						
7736	SPCC Plan	\$ 10,000.00	L.S.	1	\$10,000						
xxxx	Increased Sensitive Area Impacts	\$ 1,140,000.00	L.S.	1	\$1,140,000						

Subtotal for Percentages											
Drainage		10%		\$1,582,253							
Construction Traffic Control		10%		\$1,582,253							
Construction Subtotal:				\$18,987,035		\$1,087,545	\$2,772,767		\$3,664,760	\$221,014	\$501,929
Miscellaneous		30%		\$5,696,110	50%	\$543,773	\$1,386,384		\$1,832,380	\$110,507	\$250,965
Construction Subtotal:				\$24,683,145		\$1,631,318	\$4,159,151		\$5,497,140	\$331,521	\$752,894
Mobilization		10%		\$2,468,315		\$163,132	\$0		\$0	\$0	\$0
Subtotal:				\$27,151,460		\$1,794,449	\$4,159,151		\$5,497,140	\$331,521	\$752,894
Sales Tax		9.5%		\$2,579,389		\$170,473	\$0		\$0	\$0	\$0
Subtotal:				\$29,730,848		\$1,964,922	\$4,159,151		\$5,497,140	\$331,521	\$752,894
Construction Engineering		15%		\$4,459,627		\$294,738.29	\$0.00		\$0.00	\$0.00	\$0.00
and Contingencies		4%		\$1,189,234		\$78,596.88	\$0.00		\$0.00	\$0.00	\$0.00
Construction Total:				\$35,379,710		\$2,338,257	\$4,159,151	\$7,541,995	\$5,497,140	\$331,521	\$752,894
R/W: Area = 0.65 Acre		EST.		\$1,100,000							
Administration		EST.		\$180,000							
Condemnation		EST.		\$768,000							
Relocation		EST.		\$0							
R/W Total:				\$2,048,000							
Preliminary Engineering:		\$ 0.20		\$7,075,942		\$467,651	\$831,830	\$1,508,399	\$1,099,428	\$66,304	\$150,579
Additional Cost for R/W Phase		\$ -		\$0							
Total Preliminary Engineering				\$7,075,942							
Project Costs:				\$44,503,651		\$2,805,909	\$4,990,981	\$9,050,394	\$6,596,568	\$397,825	\$903,472
Total				\$44,504,000		\$2,806,000	\$4,991,000	\$9,050,000	\$6,597,000	\$398,000	\$903,000
				\$69,249,000							

Fish Passage Barrier 935271 was not specifically evaluated by this estimate but was intended to be removed as part of mitigation work.

Fish Passage Barriers 932912 & 995292 are not reflected in this estimate.