



BergerABAM

30% CONSTRUCTION COST ESTIMATE

Client: Clark County, Washington	Date: 2/26/2016	BergerABAM Project No.: A15.0199
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Project Title: Salmon Creek Avenue (Realignment Phase) - CRP#351522 - (Road Modification)	Estimated By: J. Bohanek	Design Status: 30%
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ITEM NO.	DESCRIPTION	QUANTITY		ESTIMATE	
		QTY	UNIT	UNIT COST	TOTAL
<i>Section: 1 Preparation</i>					
1	Mobilization (approx. 15%)	1	LS	\$790,000	\$790,000
2	Clearing and Grubbing	12	AC	\$3,600	\$43,200
3	Removal of Structures and Obstructions	1	LS	\$65,000	\$65,000
<i>Section: 2 Grading</i>					
4	Roadway Excavation	30,000	CY	\$12	\$360,000
5	Embankment Compaction	30,000	CY	\$2	\$60,000
6	Structural Fill Incl. Haul	28,000	CY	\$16	\$448,000
<i>Section: 5 Storm Sewer</i>					
7	Storm Sewer Conveyance	1	LS	\$420,000	\$420,000
<i>Section: 8 Structure</i>					
8	Structural Earth Wall Incl. Backfill	9,340	SF	\$46	\$429,640
<i>Section: 9 Surfacing</i>					
9	Crushed Surfacing Base Course	18,500	CY	\$18	\$333,000
<i>Section: 14 Hot Mix Asphalt</i>					
10	HMA Cl. 1/2 In. PG 64-22	7,950	TON	\$92	\$731,400
<i>Section: 17 Erosion Control and Roadside Planting</i>					
11	Erosion/Water Pollution Control	1	EST	\$86,000	\$86,000
12	Vegetative Plantings and Establishment	1	LS	\$405,000	\$405,000
<i>Section: 18 Traffic</i>					
13	Cement Conc. Traffic Curb and Gutter	17,255	LF	\$14	\$241,570
14	Permanent Signing	1	LS	\$38,500	\$38,500
15	Intersection Traffic Signalization (Mast Arm Assembly) (2 Intersections)	1	LS	\$330,000	\$330,000
16	Project Temporary Traffic Control	1	LS	\$98,000	\$98,000
<i>Section: 19 Other Items</i>					
17	Roadway Surveying	1	LS	\$73,000	\$73,000
18	Cement Conc. Sidewalk	6,350	SY	\$28	\$177,800
19	Cement Conc. Driveway Entrance	315	SY	\$58	\$18,270
20	Cement Conc. Curb Ramp Type	6	EA	\$1,400	\$8,400
21	Concrete Culvert Crossing (open-bottom)	1	LS	\$395,000	\$395,000
22	Stormwater Treatment Facilities	1	LS	\$650,000	\$650,000
<i>Wetland Mitigation</i>					
23	Mitigation	1	LS	\$694,000	\$694,000

Sub-Total: **\$6,895,780**
Contingency (25%): **\$1,723,945**

Salmon Creek Ave Construction (Road Modification): \$8,619,725

Notes: Design and construction engineering is not included.
Demolition of existing NE Salmon Creek is not included.
Water main, sanitary force main, and laterals are not included.
Right-of-way allocation is not included.
Electrical/Street Lighting improvements are not included.