

George Davis Creek Fish Passage Project, Phase 2 - Sammamish, WA						
Engineer's Estimate (30% Submittal) Prepared by PBS Engineering						
November 1, 2019						
Item No	Section	Quantity	Unit	Description	Unit Price	Total
1	1-09	1	LS	Mobilization	\$ 120,000	\$ 120,000
2	1-04	1	Est	Minor Change	\$ 15,000	\$ 15,000
3	1-05	1	LS	Surveying	\$ 15,000	\$ 15,000
4	1-05	1	LS	Potholing Utilities	\$ 10,000	\$ 10,000
5	1-05	1	LS	As-built Survey and Record Drawings	\$ 4,500	\$ 4,500
6	1-07	1	LS	Utility Relocation and Misc Adjustments	\$ 35,000	\$ 35,000
7	1-07	1	LS	SPCC Plan	\$ 1,500	\$ 1,500
8	1-10	1	LS	Project Temporary Traffic Control	\$ 33,000	\$ 33,000
9	2-01	0.4	ACRE	Clearing and Grubbing	\$ 24,000	\$ 9,600
10	2-01	1	EST	Roadside Cleanup	\$ 7,000	\$ 7,000
11	2-02	1	LS	Removal of Structures and Obstructions	\$ 110,000	\$ 110,000
12	2-03	90	CY	Roadway Excavation Incl. Haul	\$ 25	\$ 2,250
13	2-03	2,100	CY	Channel Excavation Incl. Haul	\$ 20	\$ 42,000
14	2-03	500	TON	Common Borrow Incl. Haul	\$ 16	\$ 8,000
15	2-03	1,900	TON	Select Borrow Incl. Haul	\$ 23	\$ 43,700
16	2-09	2,100	CY	Structure Excavation Class A Incl. Haul	\$ 23	\$ 48,300
17	2-09	1	LS	Shoring or Extra Excavation Class A	\$ 10,000	\$ 10,000
18	2-09	1	LS	Temporary Stream Diversion	\$ 25,000	\$ 25,000
19	2-09	1	LS	Dewatering for Structure Excavation	\$ 20,000	\$ 20,000
20	2-11	1	LS	Trimming and Cleanup	\$ 7,500	\$ 7,500
21	4-04	460	TON	Crushed Surfacing Base Course	\$ 48	\$ 22,080
22	4-04	40	TON	Crushed Surfacing Top Course	\$ 75	\$ 3,000
23	5-04	145	TON	HMA CL 3/8 In. PG 58H-22	\$ 175	\$ 25,375
24	6-02	90	CY	Gravel Backfill for Wall	\$ 60	\$ 5,400
25	6-02	1	LS	Bridge Structure	\$ 160,000	\$ 160,000
26	7-02	1	LS	Precast Reinf. Conc. Split Box Culvert	\$ 200,000	\$ 200,000
27	8-01	20	DAY	ESC Lead	\$ 300	\$ 6,000
28	8-01	1	LS	TESC/SWPP	\$ 2,000	\$ 2,000
29	8-01	1	EST	Erosion/Water Pollution Control	\$ 15,000	\$ 15,000
30	8-01	250	SY	Stabilized Construction Entrance	\$ 18	\$ 4,500
31	8-01	1,150	LF	High Visibility Silt Fence	\$ 5	\$ 5,750
32	8-01	6	EACH	Inlet Protection	\$ 75	\$ 450
33	8-01	400	LF	Straw Wattles	\$ 7	\$ 2,800
34	8-02	1	LS	Planting Construction	\$ 85,000	\$ 85,000
35	8-12	150	LF	Roadway Fence	\$ 60	\$ 9,000
36	8-15	60	TON	Rock for Rock Wall	\$ 55	\$ 3,300
37	8-15	66	EA	Large Woody Debris	\$ 1,500	\$ 99,000
38	8-15	1,710	TON	Streambed Mix	\$ 52	\$ 88,920
39	8-15	280	EA	Streambed Boulder One Man	\$ 75	\$ 21,000
40	8-21	1	LS	Permanent Signing	\$ 10,000	\$ 10,000
41	8-22	65	SF	Painted Crosswalk Line	\$ 14	\$ 910
42	8-22	291	LF	Paint Line	\$ 2	\$ 582
					Construction Cost	\$ 1,337,417
					30% Level Estimating Contingency (25%)	\$ 334,354
					Total Cost	\$ 1,671,771