

Lake Whatcom Phosphorus Management: Huntington - Shepardson streets

Project Overview: EV-0113

This project is designed to implement Low Impact Development (LID) retrofits to mitigate for, or eliminate sources of, nutrient and bacteria loading in stormwater runoff from untreated public rights-of-way into Lake Whatcom. The project involves water quality improvements to reduce phosphorus loading from an unpaved section of roadway and ditches along Huntington and Shepardson streets. Funding for this work comes in part from the Washington State Department of Ecology. Work will be scheduled during the 2014 or 2015 construction season. Additional information is located on the Stormwater Projects webpage.

Project Details

- Status Construction
- Contract Awarded July 6, 2015
- Contract Amount \$343,528.45
- Contractor Oceanside Construction, Inc.
- Bid Tabs
- Completion Date: 10/30/2015
- Final Contract Amount: \$667,768.82
- Vicinity Map

Affected Neighborhoods

• Silver Beach

Participating Departments

Public Works

contacts

Larry Scholten, P.E.

Project Engineer

Phone: (360) 778-7923 Public Works Contacts



BID TABULATION (BID #41B-2015)
BIDS OPENED: June 26, 2015; 11:00 a.m.
PROJECT: EV113 - NEP Phosphorus Management for Lake Whatcom

				ENGINEER'S ESTIMATE			Oceanside Construction		Faber Construction Corp.	
	Schedule A - Street Related Items			Г	UNIT		UNIT		UNIT	
ITEM	DESCRIPTION	QTY	UNIT	L	PRICE	EXTENSION	PRICE	EXTENSION	PRICE	EXTENSION
A1	Mobilization	1	LS	\$	29,846	\$29,846.30	\$26,000.00	\$26,000.00	\$52,493.34	\$52,493.34
A2	Project Warranty Type B Progress Schedule	1	LS	\$	1,000	\$1,000.00	\$1.00	\$1,00	\$9,520.00	\$9,520.00
A3 A4	Shoring	200	LS LF	\$	1,500	\$1,500.00 \$200.00	\$500.00 \$3.00	\$500.00 \$600.00	\$1,568.00 \$26.48	\$1,568.00 \$5,296.00
A5	Construction Staking	1	LS	\$	9,000	\$9,000,00	\$8,000,00	\$8,000.00	\$8,232.00	\$8,232.00
A6	Flaggers and Spotters	150	HR	\$	45	\$6,750.00	\$50.00	\$7,500.00	\$56.00	\$8,400.00
A7	Project Temporary Traffic Control	1	LS	\$	1,500	\$1,500.00	\$600.00	\$600.00	\$2,170.00	\$2,170.00
	Spill Prevention, Control and			Ť	.,,,,,,	V.1,000.00	7.55.55	4000100	\$2,770.00	V2/17 0.00
A8	Countermeasures Plan (SPCC)	1	LS	\$	1,000	\$1,000.00	\$200,00	\$200.00	\$588.00	\$588.00
A9	Temporary Erosion and Sediment Control	11	FA	\$	2,500	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00
A10	Erosion and Sediment Control (ESC) Lead	4	Day	\$	400	\$1,600.00	\$100.00	\$400.00	\$319.20	\$1,276.80
A11	Catch Basin Insert	3	EΑ	\$	75	\$225.00	\$55.00	\$165.00	\$65.33	\$195,99
	Silt Fence	180	L.F	\$	6	\$1,080.00	\$5.00	\$900.00	\$2.67	\$480,60
A13	Diversion Berm	40	LF	\$	15	\$600,00	\$2.00	\$80.00	\$21.07	\$842.80
A14 A15	Wattles High Visibility Fence	90 1000	LF LF	\$	10 5	\$900,00	\$3.00	\$270.00	\$5.60	\$504.00
	Removal of Structure and Obstruction	1000	LS	\$	6,000	\$5,000.00 \$6,000.00	\$1.00 \$8,300.00	\$1,000.00 \$8,300.00	\$2.17 \$9,889.60	\$2,170.00 \$9,889.60
	Saw Cut Asphalt Concrete Payement	1828	LFI	\$	6,000	\$1,828.00	\$8,300.00	\$8,300.00	\$9,889.60	\$9,889.60
	Saw Cut Portland Cement Concrete Pavement	385	LFI	\$	4	\$1,540.00	\$2.25	\$866.25	\$1.51	\$581.35
	Clearing and Grubbing	1	LS	\$	1.500	\$1,500.00	\$7,800,00	\$7,800.00	\$8,405,60	\$8,405,60
	Roadway Excavation and Embankment Including Haul	470	CY	\$	15	\$7,050.00	\$13.00	\$6,110.00	\$20.46	\$9,616.20
	Unsuitable Foundation Excavation	20	CY	\$	15	\$300.00	\$26.00	\$520,00	\$39,62	\$792.40
A22	Structural Excavation Class B	930	CY	\$	15	\$13,950.00	\$18.00	\$16,740.00	\$20.77	\$19,316.10
	Remove and Reinstall Wooden Bridge	1	LS	\$	1,500	\$1,500.00	\$70.00	\$70.00	\$6,591.20	\$6,591.20
	12" Perforated (Perf) Pipe	610	LF	\$	20	\$12,200.00	\$47.00	\$28,670.00	\$51.48	\$31,402.80
	12" Solid Drain Pipe	690	LF	\$	50	\$34,500.00	\$31.00	\$21,390.00	\$56.24	\$38,805.60
	12" Culvert	27	LF	\$	60	\$1,620.00	\$18.00	\$486,00	\$84.95	\$2,293.65
	Trench Dam	50	CY	\$	100	\$5,000.00	\$100.00	\$5,000.00	\$52.80	\$2,640.00
	12" Inlet Protection	1	EA	\$	1,000	\$1,000.00	\$400.00	\$400.00	\$510.72	\$510.72
	12" Outlet Protection	1	EA	\$	750 1.500	\$750.00	\$270.00	\$270.00	\$775.60	\$775.60
	Pre-Treatment Unit #1 Pre-Treatment Unit #2	1	EA EA	\$ \$	1,500	\$1,500.00 \$1,500,00	\$1,100.00 \$1,100.00	\$1,100.00 \$1,100.00	\$6,801.82	\$6,801.82
	Pre-Treatment Unit #3	1	EA	\$	1,500	\$1,500.00	\$1,100.00	\$1,100.00	\$7,888.22 \$6,720.00	\$7,888.22 \$6,720.00
	Phosphorus Treatment Device #1	1	LS	\$	4,000	\$4,000.00	\$1,100.00	\$1,100.00	\$6,988.80	\$6,988.80
	Phosphorus Treatment Device #2	1	LS	\$	4,000	\$4,000.00	\$1,100.00	\$1,100.00	\$7,974.40	\$7,974.40
	Trench Drain	15	LF	\$	50	\$750.00	\$136.00	\$2,040.00	\$486.54	\$7,298.10
	Stabilized Spillway	1	Т	\$	500	\$500.00	\$300.00	\$300.00	\$501.76	\$501.76
	Connect to Existing Drainage Structure	3	EA	\$	500	\$1,500.00	\$200.00	\$600,00	\$384,53	\$1,153.59
	Type 1 Catch Basin	22	EΑ	\$	1,500	\$33,000.00	\$635.00	\$13,970.00	\$2,097.69	\$46,149.18
	Type 2 Catch Basin, 48"	2	EA	\$	3,000	\$6,000.00	\$6,400.00	\$12,800.00	\$4,559.74	\$9,119.48
	Media Filter Drain Mix	600	T	\$	50	\$30,000.00	\$100.00	\$60,000.00	\$123.82	\$74,292.00
	Permeable Ballast	465	T	\$	35	\$16,275.00	\$28.00	\$13,020.00	\$45.61	\$21,208.65
	Gravel Backfill for Drains	1020	T	\$	25	\$25,500.00	\$18.00	\$18,360.00	\$43,88	\$44,757.60
-	Geotextile	1300	SY	\$	5	\$6,500.00	\$1.00	\$1,300.00	\$2,64	\$3,432.00
	Level Spreader Dispersion Trench Gravel Base	40 120	LF T	\$	100	\$4,000.00	\$100.00	\$4,000.00	\$66.77	\$2,670.80
	Crushed Surfacing Top Course	45	T	\$	45	\$4,200.00 \$2,025.00	\$15.00 \$39.00	\$1,800.00 \$1,755.00	\$27.81 \$62.42	\$3,337.20 \$2,808.90
	Hot Mix Asphalt PG 64-22	50	Ť	\$	130	\$6,500.00	\$190.00	\$9,500.00	\$194.32	\$2,808.90
	Cement Concrete Curb	8	LF	\$	30	\$240.00	\$100.00	\$800.00	\$194.32	\$848.40
	Pervious Concrete	460	SY	\$	45	\$20,700.00	\$100.00	\$46,000.00	\$91.30	\$41,998.00
	Landscape Restoration	1	FA	\$	2,500	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00
A51	Roadside Cleanup	1	FA	\$	2,500	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00
A52	10" Solid Pipe	42	LF	\$	40	\$1,680.00	\$17.00	\$714.00	\$57.16	\$2,400.72
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	SUBTOTAL					\$328,309.30	l	\$343,528.45	I	\$542,130.45
	TOTAL Schedule A					\$328,309,30	l	\$343,528.45		\$542,130.45
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