

PUD #1 OF SKAGIT COUNTY

N 18th St, E Division St to E Highland St,
E Fir St, N LaVenture Rd to N 30th Street,
August 19, 2020

Item	Construction Description	Quantity	Unit	Engineer's Est		TRICO		SRV		FABER		ICI		GRANITE		STRIDER		MAGNA		OCEANSIDE	
				Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost
1.	Mobilization	1	LS	\$132,000.00	\$ 132,000.00	\$117,000.00	\$ 117,000.00	\$96,000.00	\$ 96,000.00	\$82,958.00	\$ 82,958.00	\$97,935.48	\$ 97,935.48	\$119,000.00	\$ 119,000.00	\$135,000.00	\$ 135,000.00	\$131,900.00	\$ 131,900.00	\$80,000.00	\$ 80,000.00
2.	Contractors Accident Prevention Program and Site Specific Health and Safety Plan, Including COVID-19 Protection Plan	1	LS	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 500.00	\$ 500.00	\$ 3,213.00	\$ 3,213.00	\$ 2,000.00	\$ 2,000.00	\$ 500.00	\$ 500.00	\$ 1,000.00	\$ 1,000.00	\$ 1,500.00	\$ 1,500.00	\$ 2,500.00	\$ 2,500.00
3.	SPPC, and TESC Plan	1	LS	\$ 2,500.00	\$ 2,500.00	\$ 1,100.00	\$ 1,100.00	\$ 250.00	\$ 250.00	\$ 3,213.00	\$ 3,213.00	\$ 5,000.00	\$ 5,000.00	\$ 500.00	\$ 500.00	\$ 1,000.00	\$ 1,000.00	\$ 2,625.00	\$ 2,625.00	\$ 1,000.00	\$ 1,000.00
4.	ESC Lead	1	LS	\$ 3,000.00	\$ 3,000.00	\$ 3,500.00	\$ 3,500.00	\$ 600.00	\$ 600.00	\$ 4,418.00	\$ 4,418.00	\$ 2,750.00	\$ 2,750.00	\$ 500.00	\$ 500.00	\$ 6,000.00	\$ 6,000.00	\$ 10,987.00	\$ 10,987.00	\$ 5,000.00	\$ 5,000.00
5.	Install and Maintain Temporary Erosion Control and Water Pollution Control Measures	1	LS	\$ 5,000.00	\$ 5,000.00	\$ 5,200.00	\$ 5,200.00	\$ 7,800.00	\$ 7,800.00	\$ 7,469.00	\$ 7,469.00	\$14,750.00	\$ 14,750.00	\$24,000.00	\$ 24,000.00	\$ 5,000.00	\$ 5,000.00	\$ 8,925.00	\$ 8,925.00	\$ 8,000.00	\$ 8,000.00
6.	Traffic Control Supervisor	1	LS	\$ 4,000.00	\$ 4,000.00	\$ 5,200.00	\$ 5,200.00	\$ 5,800.00	\$ 5,800.00	\$12,154.00	\$ 12,154.00	\$26,000.00	\$ 26,000.00	\$24,000.00	\$ 24,000.00	\$20,000.00	\$ 20,000.00	\$29,424.00	\$ 29,424.00	\$40,000.00	\$ 40,000.00
7.	Flaggers	1,750	Hrs.	\$ 70.00	\$ 122,500.00	\$ 50.00	\$ 87,500.00	\$ 60.50	\$ 105,875.00	\$ 62.00	\$ 108,500.00	\$ 65.00	\$ 113,750.00	\$ 70.00	\$ 122,500.00	\$ 62.00	\$ 108,500.00	\$ 70.00	\$ 122,500.00	\$ 63.00	\$ 110,250.00
8.	Traffic Control Signs and Devices	1	LS	\$ 4,000.00	\$ 4,000.00	\$ 2,580.00	\$ 2,580.00	\$ 8,900.00	\$ 8,900.00	\$23,386.00	\$ 23,386.00	\$ 3,500.00	\$ 3,500.00	\$24,000.00	\$ 24,000.00	\$ 7,500.00	\$ 7,500.00	\$10,500.00	\$ 10,500.00	\$ 8,000.00	\$ 8,000.00
9.	Furnish Portable Changeable Message Sign (PCMS)	50	Days	\$ 150.00	\$ 7,500.00	\$ 280.00	\$ 14,000.00	\$ 56.00	\$ 2,800.00	\$ 137.00	\$ 6,850.00	\$ 67.50	\$ 3,375.00	\$ 90.00	\$ 4,500.00	\$ 85.00	\$ 4,250.00	\$ 263.00	\$ 13,150.00	\$ 100.00	\$ 5,000.00
10.	Furnish and Install Adequate Site and Trench Safety Systems in Accordance with Chapter 49.17 RCW	6,740	LF	\$ 2.00	\$ 13,480.00	\$ 0.10	\$ 674.00	\$ 0.75	\$ 5,055.00	\$ 1.00	\$ 6,740.00	\$ 1.00	\$ 6,740.00	\$ 0.01	\$ 67.40	\$ 0.50	\$ 3,370.00	\$ 1.00	\$ 6,740.00	\$ 0.75	\$ 5,055.00
11.	Sawcut Pavement for Permanent Patch	8,000	LF	\$ 3.50	\$ 28,000.00	\$ 3.00	\$ 24,000.00	\$ 1.70	\$ 13,600.00	\$ 2.00	\$ 16,000.00	\$ 2.25	\$ 18,000.00	\$ 3.00	\$ 24,000.00	\$ 1.60	\$ 12,800.00	\$ 4.00	\$ 32,000.00	\$ 2.00	\$ 16,000.00
12.	Furnish & Install Engineer-Ordered Trench Stabilization Material	185	TN	\$ 30.00	\$ 5,550.00	\$ 37.00	\$ 6,845.00	\$ 36.00	\$ 6,660.00	\$ 28.00	\$ 5,180.00	\$ 30.00	\$ 5,550.00	\$ 40.00	\$ 7,400.00	\$ 30.00	\$ 5,550.00	\$ 37.00	\$ 6,845.00	\$ 48.00	\$ 8,880.00
13.	Furnish Engineer-Ordered Over Excavation	100	CY	\$ 35.00	\$ 3,500.00	\$ 20.00	\$ 2,000.00	\$ 34.00	\$ 3,400.00	\$ 27.00	\$ 2,700.00	\$ 27.50	\$ 2,750.00	\$ 50.00	\$ 5,000.00	\$ 28.00	\$ 2,800.00	\$ 36.00	\$ 3,600.00	\$ 35.00	\$ 3,500.00
14.	Furnish & Place Crushed Surfacing Material, Top Course	270	TN	\$ 57.00	\$ 15,390.00	\$ 32.00	\$ 8,640.00	\$ 47.00	\$ 12,690.00	\$ 31.00	\$ 8,370.00	\$ 40.00	\$ 10,800.00	\$ 80.00	\$ 21,600.00	\$ 35.00	\$ 9,450.00	\$ 30.00	\$ 8,100.00	\$ 45.00	\$ 12,150.00
15.	Asphalt Planning	7,750	SY	\$ 3.50	\$ 27,125.00	\$ 6.30	\$ 48,825.00	\$ 4.00	\$ 31,000.00	\$ 1.00	\$ 7,750.00	\$ 4.00	\$ 31,000.00	\$ 4.25	\$ 32,937.50	\$ 5.00	\$ 38,750.00	\$ 2.00	\$ 15,500.00	\$ 5.00	\$ 38,750.00
16.	Furnish, Place and Compact HMA Class 1/2-Inch, P.G. 64-22 for Permanent Patch	360	TN	\$ 125.00	\$ 45,000.00	\$ 170.00	\$ 61,200.00	\$ 186.00	\$ 66,960.00	\$ 139.00	\$ 50,040.00	\$ 136.50	\$ 49,140.00	\$ 123.50	\$ 44,460.00	\$ 129.00	\$ 46,440.00	\$ 128.00	\$ 46,080.00	\$ 156.00	\$ 56,160.00
17.	Furnish, Place and Compact HMA Class 1/2-Inch, P.G. 64-22 for Overlay	1,200	TN	\$ 125.00	\$ 150,000.00	\$ 99.00	\$ 118,800.00	\$ 100.00	\$ 120,000.00	\$ 102.00	\$ 122,400.00	\$ 99.50	\$ 119,400.00	\$ 112.50	\$ 135,000.00	\$ 110.00	\$ 132,000.00	\$ 94.00	\$ 112,800.00	\$ 113.00	\$ 135,600.00
18.	Furnish & Install 8" C-909 PVCO Pipe, Including Trench Excavation, Backfill and Compaction	6,640	LF	\$ 65.00	\$ 431,600.00	\$ 51.00	\$ 338,640.00	\$ 52.50	\$ 348,600.00	\$ 55.00	\$ 365,200.00	\$ 65.00	\$ 431,600.00	\$ 50.00	\$ 332,000.00	\$ 68.00	\$ 451,520.00	\$ 79.00	\$ 524,560.00	\$ 92.00	\$ 610,880.00
19.	Furnish & Install 6" PVC Pipe, C-900, Including Trench Excavation, Backfill and Compaction	40	LF	\$ 55.00	\$ 2,200.00	\$ 50.00	\$ 2,000.00	\$ 59.00	\$ 2,360.00	\$ 51.00	\$ 2,040.00	\$ 80.00	\$ 3,200.00	\$ 43.00	\$ 1,720.00	\$ 62.00	\$ 2,480.00	\$ 78.00	\$ 3,120.00	\$ 96.00	\$ 3,840.00
20.	Furnish & Install 8" x 8" DI Cross, FL x FL	1	EA	\$ 2,250.00	\$ 2,250.00	\$ 650.00	\$ 650.00	\$ 1,500.00	\$ 1,500.00	\$ 1,064.00	\$ 1,064.00	\$ 670.00	\$ 670.00	\$ 700.00	\$ 700.00	\$ 1,200.00	\$ 1,200.00	\$ 527.00	\$ 527.00	\$ 550.00	\$ 550.00
21.	Furnish & Install 8" x 8" DI Tee, FL x FL	15	EA	\$ 2,000.00	\$ 30,000.00	\$ 580.00	\$ 8,700.00	\$ 970.00	\$ 14,550.00	\$ 984.00	\$ 14,760.00	\$ 450.00	\$ 6,750.00	\$ 600.00	\$ 9,000.00	\$ 1,150.00	\$ 17,250.00	\$ 436.00	\$ 6,540.00	\$ 450.00	\$ 6,750.00
22.	Furnish & Install 8" x 8" DI Adaptor, FL x MJ	18	EA	\$ 900.00	\$ 16,200.00	\$ 380.00	\$ 6,840.00	\$ 550.00	\$ 9,900.00	\$ 822.00	\$ 14,796.00	\$ 320.00	\$ 5,760.00	\$ 400.00	\$ 7,200.00	\$ 1,075.00	\$ 19,350.00	\$ 302.00	\$ 5,436.00	\$ 350.00	\$ 6,300.00
23.	Furnish & Install 8" x 8" DI 45° Ell, MJ x MJ	10	EA	\$ 1,200.00	\$ 12,000.00	\$ 435.00	\$ 4,350.00	\$ 1,100.00	\$ 11,000.00	\$ 879.00	\$ 8,790.00	\$ 360.00	\$ 3,600.00	\$ 400.00	\$ 4,000.00	\$ 1,025.00	\$ 10,250.00	\$ 332.00	\$ 3,320.00	\$ 300.00	\$ 3,000.00
24.	Furnish & Install 8" x 6" DI 45° Ell, MJ x MJ	1	EA	\$ 1,200.00	\$ 1,200.00	\$ 361.00	\$ 361.00	\$ 1,025.00	\$ 1,025.00	\$ 811.00	\$ 811.00	\$ 290.00	\$ 290.00	\$ 400.00	\$ 400.00	\$ 950.00	\$ 950.00	\$ 263.00	\$ 263.00	\$ 250.00	\$ 250.00
25.	Furnish & Install 8" x 8" DI 22½° Ell, MJ x MJ	4	EA	\$ 1,200.00	\$ 4,800.00	\$ 433.00	\$ 1,732.00	\$ 1,100.00	\$ 4,400.00	\$ 879.00	\$ 3,516.00	\$ 365.00	\$ 1,460.00	\$ 500.00	\$ 2,000.00	\$ 925.00	\$ 3,700.00	\$ 330.00	\$ 1,320.00	\$ 350.00	\$ 1,400.00
26.	Furnish & Install 8" x 6" DI Reducer,	2	EA	\$ 1,200.00	\$ 2,400.00	\$ 517.00	\$ 1,034.00	\$ 600.00	\$ 1,200.00	\$ 954.00	\$ 1,908.00	\$ 300.00	\$ 600.00	\$ 400.00	\$ 800.00	\$ 925.00	\$ 1,850.00	\$ 380.00	\$ 760.00	\$ 350.00	\$ 700.00
27.	Furnish & Install 8" x 4" DI Reducer,	1	EA	\$ 1,200.00	\$ 1,200.00	\$ 340.00	\$ 340.00	\$ 600.00	\$ 600.00	\$ 794.00	\$ 794.00	\$ 365.00	\$ 365.00	\$ 400.00	\$ 400.00	\$ 925.00	\$ 925.00	\$ 269.00	\$ 269.00	\$ 250.00	\$ 250.00
28.	Replace 5/8-inch Water Service, Long	24	EA	\$ 3,200.00	\$ 76,800.00	\$ 1,600.00	\$ 38,400.00	\$ 2,050.00	\$ 49,200.00	\$ 2,541.00	\$ 60,984.00	\$ 1,950.00	\$ 46,800.00	\$ 1,650.00	\$ 39,600.00	\$ 2,500.00	\$ 60,000.00	\$ 3,517.00	\$ 84,408.00	\$ 2,600.00	\$ 62,400.00
29.	Replace 5/8-inch Water Service, Short	17	EA	\$ 1,500.00	\$ 25,500.00	\$ 1,120.00	\$ 19,040.00	\$ 1,500.00	\$ 25,500.00	\$ 1,909.00	\$ 32,453.00	\$ 1,250.00	\$ 21,250.00	\$ 1,200.00	\$ 20,400.00	\$ 1,750.00	\$ 29,750.00	\$ 2,894.00	\$ 49,198.00	\$ 2,300.00	\$ 39,100.00
30.	Furnish & Install 8" Gate Valve w/ Valve Box and	41	EA	\$ 3,000.00	\$ 123,000.00	\$ 1,700.00	\$ 69,700.00	\$ 1,400.00	\$ 57,400.00	\$ 2,148.00	\$ 88,068.00	\$ 1,540.00	\$ 63,140.00	\$ 2,000.00	\$ 82,000.00	\$ 1,650.00	\$ 67,650.00	\$ 1,388.00	\$ 56,908.00	\$ 2,000.00	\$ 82,000.00
31.	Furnish & Install Fire Hydrant Assembly	16	EA	\$ 5,300.00	\$ 84,800.00	\$ 4,775.00	\$ 76,400.00	\$ 6,600.00	\$ 105,600.00	\$ 5,125.00	\$ 82,000.00	\$ 5,550.00	\$ 88,800.00	\$ 6,900.00	\$ 110,400.00	\$ 5,500.00	\$ 88,000.00	\$ 5,284.00	\$ 84,544.00	\$ 6,000.00	\$ 96,000.00
32.	Furnish & Install 1" Combination Air Release/Vacuum Assembly	1	EA	\$ 5,600.00	\$ 5,600.00	\$ 3,200.00	\$ 3,200.00	\$ 3,475.00	\$ 3,475.00	\$ 3,325.00	\$ 3,325.00	\$ 3,700.00	\$ 3,700.00	\$ 5,000.00	\$ 5,000.00	\$ 4,000.00	\$ 4,000.00	\$ 5,065.00	\$ 5,065.00	\$ 3,500.00	\$ 3,500.00
33.	Furnish & Install 2" Flushing Assembly	1	EA	\$ 3,000.00	\$ 3,000.00	\$ 1,650.00	\$ 1,650.00	\$ 2,000.00	\$ 2,000.00	\$ 1,845.00	\$ 1,845.00	\$ 2,500.00	\$ 2,500.00	\$ 3,700.00	\$ 3,700.00	\$ 1,700.00	\$ 1,700.00	\$ 2,145.00	\$ 2,145.00	\$ 1,500.00	\$ 1,500.00
34.	Connection Work for Tie-ins	20	EA	\$ 2,500.00	\$ 50,000.00	\$ 3,300.00	\$ 66,000.00	\$ 2,500.00	\$ 50,000.00	\$ 2,788.00	\$ 55,760.00	\$ 1,500.00	\$ 30,000.00	\$ 1,600.00	\$ 32,000.00	\$ 2,500.00	\$ 50,000.00	\$ 2,048.00	\$ 40,960.00	\$ 2,000.00	\$ 40,000.00
35.	Waterline Flushing, Pressure Testing, Disinfection and Bac-T testing	1	LS	\$ 10,000.00	\$ 10,000.00	\$ 9,914.46	\$ 9,914.46	\$ 9,000.00	\$ 9,000.00	\$ 4,959.00	\$ 4,959.00	\$ 8,000.00	\$ 8,000.00	\$ 19,000.00	\$ 19,000.00	\$ 7,500.00	\$ 7,500.00	\$ 16,800.00	\$ 16,800.00	\$15,000.00	\$ 15,000.00
36.	Force Account for Pavement Markings and Traffic Signal Loop Repair	1	FA	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$10,000.00	\$ 10,000.00	\$10,000.00	\$ 10,000.00	\$10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$ 10,000.00	\$10,000.00	\$ 10,000.00
37.	Force Account Landscape Restoration	1	LS	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00
Construction Subtotal					\$1,468,595.00		\$1,173,515.46		\$1,200,200.00		\$1,229,414.00		\$1,245,925.48		\$1,275,284.90		\$1,372,485.00		\$1,464,319.00		\$1,524,265.00
City of Mount Vernon Sales Tax				8.7%	\$ 127,767.77	8.7%	\$ 102,095.85	8.7%	\$ 104,417.40	8.7%	\$ 106,959.02	8.7%	\$ 108,395.52	8.7%							