

CI 16-018  
2017 Oregon City Roadway Reconstruction Projects  
04/21/17

Engineer's Estimate						S-2 Contractors, Inc.		Wildish Standard Paving, Co. Pacific Excavation, Inc.				
Item	Description	Unit	Qty.	Price	Total	Price	Total	Price	Total	Price	Total	
1	Mobilization	LS	1	\$150,000.00	\$150,000.00	\$110,600.00	\$110,600.00	\$159,000.00	\$159,000.00	\$215,000.00	\$215,000.00	
2	Temporary Work Zone Traffic Control, Complete for 15th Street	LS	1	\$27,500.00	\$27,500.00	\$30,000.00	\$30,000.00	\$57,000.00	\$57,000.00	\$51,000.00	\$51,000.00	
3	Temporary Work Zone Traffic Control, Complete for Van Buren Street	LS	1	\$5,000.00	\$5,000.00	\$10,000.00	\$10,000.00	\$13,000.00	\$13,000.00	\$30,000.00	\$30,000.00	
4	Temporary Work Zone Traffic Control, Complete for Warner Milne Road	LS	1	\$15,000.00	\$15,000.00	\$15,000.00	\$15,000.00	\$21,000.00	\$21,000.00	\$60,000.00	\$60,000.00	
5	Temporary Work Zone Traffic Control, Complete for Jersey Avenue	LS	1	\$7,500.00	\$7,500.00	\$12,000.00	\$12,000.00	\$18,000.00	\$18,000.00	\$15,000.00	\$15,000.00	
6	Temporary Work Zone Traffic Control, Complete for Brighton Avenue	LS	1	\$5,000.00	\$5,000.00	\$12,000.00	\$12,000.00	\$18,000.00	\$18,000.00	\$15,000.00	\$15,000.00	
7	Erosion Control	LS	1	\$7,500.00	\$7,500.00	\$10,000.00	\$10,000.00	\$3,000.00	\$3,000.00	\$10,000.00	\$10,000.00	
8	Pollution Control Plan	LS	1	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$500.00	\$500.00	\$200.00	\$200.00	
9	Construction Survey Work	LS	1	\$15,000.00	\$15,000.00	\$20,000.00	\$20,000.00	\$15,000.00	\$15,000.00	\$75,000.00	\$75,000.00	
10	Removal of Structures and Obstructions	LS	1	\$5,000.00	\$5,000.00	\$20,000.00	\$20,000.00	\$10,000.00	\$10,000.00	\$1,000.00	\$1,000.00	
11	Removal of Curbs	LF	621	\$6.00	\$3,726.00	\$10.00	\$6,210.00	\$4.00	\$2,484.00	\$4.00	\$2,484.00	
12	Removal of Walks and Driveways	SY	454	\$15.00	\$6,810.00	\$15.00	\$6,810.00	\$30.00	\$13,620.00	\$10.00	\$4,540.00	
13	PCC Roadway Removal and Backfill	CY	204	\$80.00	\$16,320.00	\$100.00	\$20,400.00	\$150.00	\$30,600.00	\$80.00	\$16,320.00	
14	Clearing and Grubbing	LS	1	\$12,500.00	\$12,500.00	\$10,000.00	\$10,000.00	\$14,000.00	\$14,000.00	\$7,500.00	\$7,500.00	
15	General Excavation	CY	2019	\$50.00	\$100,950.00	\$30.00	\$60,570.00	\$35.00	\$70,665.00	\$45.00	\$90,855.00	
16	12 Inch Subgrade Stabilization	SY	422	\$55.00	\$23,210.00	\$50.00	\$21,100.00	\$40.00	\$16,880.00	\$25.00	\$10,550.00	
17	Full Depth Reclamation Base, 12-16 Inches Thick	SY	5522	\$6.50	\$35,893.00	\$6.00	\$33,132.00	\$7.00	\$38,654.00	\$5.00	\$27,610.00	
18	Portland Cement	TON	166	\$150.00	\$24,900.00	\$160.00	\$26,560.00	\$125.00	\$20,750.00	\$145.00	\$24,070.00	
19	Subgrade Geotextile	SY	2026	\$1.50	\$3,039.00	\$1.50	\$3,039.00	\$4.00	\$8,104.00	\$2.00	\$4,052.00	
20	12-inch PVC Storm Sewer Pipe, All Depths	LF	18	\$150.00	\$2,700.00	\$200.00	\$3,600.00	\$300.00	\$5,400.00	\$170.00	\$3,060.00	
21	Concrete Inlets, Type G-2	EA	3	\$3,000.00	\$9,000.00	\$6,000.00	\$18,000.00	\$2,600.00	\$7,800.00	\$3,000.00	\$9,000.00	
22	Catch Basins, Type G-2	EA	1	\$2,500.00	\$2,500.00	\$3,000.00	\$3,000.00	\$2,600.00	\$2,600.00	\$3,000.00	\$3,000.00	
23	Asphalt Drainage Curb	LF	1123	\$12.00	\$13,476.00	\$8.00	\$8,984.00	\$10.00	\$11,230.00	\$12.00	\$13,476.00	
24	Minor Adjustment of Manholes	EA	67	\$1,300.00	\$87,100.00	\$500.00	\$33,500.00	\$800.00	\$53,600.00	\$550.00	\$36,850.00	
25	Adjusting Boxes	EA	61	\$300.00	\$18,300.00	\$100.00	\$6,100.00	\$325.00	\$19,825.00	\$85.00	\$5,185.00	
26	Connect to Storm Sewer Pipe	EA	4	\$500.00	\$2,000.00	\$500.00	\$2,000.00	\$600.00	\$2,400.00	\$800.00	\$3,200.00	
27	Connect to Existing Structure	EA	1	\$1,200.00	\$1,200.00	\$500.00	\$500.00	\$1,000.00	\$1,000.00	\$900.00	\$900.00	
28	Replace Manhole Frame and Cover	EA	6	\$600.00	\$3,600.00	\$500.00	\$3,000.00	\$1,500.00	\$9,000.00	\$600.00	\$3,600.00	
29	Replace Water Valve Boxes	EA	7	\$500.00	\$3,500.00	\$300.00	\$2,100.00	\$500.00	\$3,500.00	\$200.00	\$1,400.00	
30	Cold Plane Pavement Removal, 0-2 Inch Deep	SY	24818	\$4.50	\$111,681.00	\$4.20	\$104,235.60	\$3.50	\$86,863.00	\$5.00	\$124,090.00	
31	3/4 Inch - 0 Aggregate Base	CY	575	\$60.00	\$34,500.00	\$40.00	\$23,000.00	\$70.00	\$40,250.00	\$83.00	\$47,725.00	
32	Level 2, 1/2 Inch Dense ACP Mixture	TON	3214	\$80.00	\$257,120.00	\$75.00	\$241,050.00	\$81.00	\$260,334.00	\$86.00	\$276,404.00	
33	Level 2, 1/2 Inch Dense ACP Mixture with Fibers	TON	3159	\$90.00	\$284,310.00	\$90.00	\$284,310.00	\$95.00	\$300,105.00	\$103.00	\$325,377.00	
34	2-4 inch Asphalt Concrete Pavement Repair	TON	395	\$250.00	\$98,750.00	\$150.00	\$59,250.00	\$96.00	\$37,920.00	\$125.00	\$49,375.00	
35	Extra for Asphalt Transitions	SF	3078	\$10.00	\$30,780.00	\$10.00	\$30,780.00	\$4.50	\$13,851.00	\$4.00	\$12,312.00	
36	Concrete Curbs, Standard Curb	LF	1347	\$45.00	\$60,615.00	\$45.00	\$60,615.00	\$33.00	\$44,451.00	\$45.00	\$60,615.00	
37	Concrete Walks	SF	6101	\$20.00	\$122,020.00	\$20.00	\$122,020.00	\$15.00	\$91,515.00	\$19.00	\$115,919.00	
38	Adhesive ADA Truncated Domes, Black	SF	20	\$100.00	\$2,000.00	\$80.00	\$1,600.00	\$75.00	\$1,500.00	\$55.00	\$1,100.00	
39	Bi-Directional Blue Type 1AR Markers	EA	17	\$20.00	\$340.00	\$10.00	\$170.00	\$10.00	\$170.00	\$10.00	\$170.00	
40	Longitudinal Pavement Markings - Paint	LF	18428	\$0.50	\$9,214.00	\$0.25	\$4,607.00	\$0.21	\$3,869.88	\$0.20	\$3,685.60	
41	Parking Stall Pavement Markings - Paint	LF	388	\$4.00	\$1,552.00	\$1.20	\$465.60	\$1.00	\$388.00	\$1.00	\$388.00	
42	Pavement Legend, Type B-HS: Arrows	EA	6	\$325.00	\$1,950.00	\$300.00	\$1,800.00	\$300.00	\$1,800.00	\$300.00	\$1,800.00	
43	Pavement Legend, Type B-HS: Bicycle Lane Stencil	EA	9	\$325.00	\$2,925.00	\$310.00	\$2,790.00	\$300.00	\$2,700.00	\$300.00	\$2,700.00	
44	Pavement Bar, Type B	SF	1532	\$10.00	\$15,320.00	\$8.00	\$12,256.00	\$7.00	\$10,724.00	\$8.00	\$12,256.00	
45	Permanent Signing	LS	1	\$10,000.00	\$10,000.00	\$6,000.00	\$6,000.00	\$5,000.00	\$5,000.00	\$6,500.00	\$6,500.00	
46	Traffic Signal Pole Base Adjustments	EA	2	\$500.00	\$1,000.00	\$1,200.00	\$2,400.00	\$5,000.00	\$10,000.00	\$1,000.00	\$2,000.00	
47	Traffic Signal Loop Detector Replacement at Warner Milne and Beavercreek	LS	1	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00	\$9,000.00	\$9,000.00	\$3,500.00	\$3,500.00	
48	Traffic Signal Loop Detector Replacement at 15th and Washington	LS	1	\$8,500.00	\$8,500.00	\$8,000.00	\$8,000.00	\$15,000.00	\$15,000.00	\$3,500.00	\$3,500.00	
49	Bicycle Loop Detector System at 15th and Washington	LS	1	\$6,500.00	\$6,500.00	\$4,000.00	\$4,000.00	\$5,000.00	\$5,000.00	\$3,500.00	\$3,500.00	
50	Roadside Restoration	LS	1	\$20,000.00	\$20,000.00	\$15,000.00	\$15,000.00	\$8,000.00	\$8,000.00	\$12,111.40	\$12,111.40	
					\$1,690,801.00			\$1,496,054.20	\$1,595,052.88			\$1,804,880.00

\*Calculation error.