

Spec Yr: 14	PUBLIC SERVICE CENTER, SIXTH FLOOR Commissioners Hearing Room Office of Clark County Commissioners				ENGINEER'S ESTIMATE		Granite Construction Co. 18208-A SE 1st Street Vancouver, WA 98684 360-254-0978			
ITEM NO.	BID ITEM IDENT NO	QUANTITY	BID ITEM DESCRIPTION	UNIT	UNIT PRICE	Total	UNIT PRICE	Total	UNIT PRICE	Total

**BID QUANTITIES - BASE BID**

Include all applicable use and/or sales taxes in the individual Unit and Lump Sum prices.

1	101.07	1	MOBILIZATION (BASE BID)	L.S.	\$527,767.42	\$527,767.42	\$319,145.40	\$319,145.40		
2	107.15	1	SPCC PLAN (BASE BID)	L.S.	\$1,000.00	\$1,000.00	\$500.00	\$500.00		
3	107.42	144	PROPERTY OWNER NOTIFICATION LABOR	HOURL	\$60.00	\$8,640.00	\$35.00	\$5,040.00		
4	108.01	1	TYPE B PROGRESS SCHEDULE - BASE BID (Minimum Bid = \$8,000.00)	L.S.	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00		
5	110	1	PROJECT TEMPORARY TRAFFIC CONTROL (BASE BID)	L.S.	\$131,000.00	\$131,000.00	\$200,000.00	\$200,000.00		
6	110.01	1	TRAFFIC CONTROL SUPERVISOR (BASE BID)	L.S.	\$44,000.00	\$44,000.00	\$135,000.00	\$135,000.00		
7	110.02	7342	FLAGGERS	HOURL	\$55.00	\$403,810.00	\$60.00	\$440,520.00		
8	110.07	8818	PORTABLE CHANGEABLE MESSAGE SIGN	HOURL	\$8.00	\$70,544.00	\$2.00	\$17,636.00		
9	201.02	1	ROADSIDE CLEANUP (BASE BID)	EST.	\$8,000.00	\$8,000.00	\$8,000.00	\$8,000.00		
10	202	1	REMOVAL OF STRUCTURE AND OBSTRUCTION	L.S.	\$5,000.00	\$5,000.00	\$20,000.00	\$20,000.00		
11	202.03	1	REMOVING MISCELLANEOUS TRAFFIC ITEM	L.S.	\$7,500.00	\$7,500.00	\$5,000.00	\$5,000.00		
12	202.08	127	REMOVING CEMENT CONC. PAVEMENT (DRIVEWAYS)	S.Y.	\$45.00	\$5,715.00	\$50.00	\$6,350.00		
13	212.03	91	CONSTRUCTION GEOTEXTILE FOR SOIL STABILIZATION	S.Y.	\$6.00	\$546.00	\$4.00	\$364.00		
14	404.01	2781	CRUSHED SURFACING BASE COURSE	TON	\$40.00	\$111,240.00	\$20.00	\$55,620.00		
15	404.03	193	CRUSHED SURFACING TOP COURSE	TON	\$115.00	\$22,195.00	\$85.00	\$16,405.00		
16	406.04	88194	PULVERIZE EXISTING PAVEMENT	S.Y.	\$2.00	\$176,388.00	\$1.35	\$119,061.90		
17	406.06	88194	FULL DEPTH RECLAMATION	S.Y.	\$3.00	\$264,582.00	\$2.80	\$246,943.20		
18	406.07	3010	CEMENT FOR CEMENT TREATED BASE	TON	\$115.00	\$346,150.00	\$115.00	\$346,150.00		
19	502.18	74	ASPHALT EMULSION CSS-1	TON	\$550.00	\$40,700.00	\$600.00	\$44,400.00		
20	502.41	440	FURNISHING AND PLACING AGGREGATE FOR SAND SEAL	TON	\$45.00	\$19,800.00	\$50.00	\$22,000.00		
21	504.02	20123	HMA CL. 1/2 IN. PG 64-22 (ESAL < 0.3M)	TON	\$79.00	\$1,589,717.00	\$96.00	\$1,931,808.00		
22	504.02	10657	HMA CL. 3/8 IN. PG 64-22 (FIBER REINFORCED - ESAL < 0.3M)	TON	\$89.00	\$948,473.00	\$115.00	\$1,225,555.00		
23	504.02	13030	HMA CL. 1/2 IN. PG 64-22 (ESAL 0.3M TO <3M)	TON	\$72.00	\$938,160.00	\$95.00	\$1,237,850.00		
24	504.02	2764	HMA CL. 1/2 IN. PG 64-22 (FIBER REINFORCED - ESAL 3M TO < 10M)	TON	\$82.00	\$226,648.00	\$104.00	\$287,456.00		
25	504.07	1121	HMA FOR APPROACH CL. 1/2 IN. PG 64-22	TON	\$112.00	\$125,552.00	\$160.00	\$179,360.00		
26	504.1	1520	HMA FOR PRELEVELING CL. 3/8 IN. PG 64-22	TON	\$97.00	\$147,440.00	\$95.00	\$144,400.00		
27	504.17	3335	HMA FOR PAVEMENT REPAIR CL. 1/2 IN. PG 64-22	TON	\$125.00	\$416,875.00	\$145.00	\$483,575.00		
28	504.25	18057	PAVEMENT REPAIR EXCAVATION INCL. HAUL	S.Y.	\$8.00	\$144,456.00	\$4.00	\$72,228.00		
29	504.29	160	TRANSVERSE JOINT SEAL	L.F.	\$55.00	\$8,800.00	\$20.00	\$3,200.00		
30	504.3	150	PLANING BITUMINOUS PAVEMENT (FULL WIDTH - DEPTH 0.17 FT.)	S.Y.	\$5.00	\$750.00	\$3.00	\$450.00		
31	504.3	21993	PLANING BITUMINOUS PAVEMENT (FULL WIDTH - DEPTH 0.25 FT.)	S.Y.	\$5.00	\$109,965.00	\$3.00	\$65,979.00		
32	504.3	1104	PLANING BITUMINOUS PAVEMENT (CURB EDGE - 0.00 TO 0.12 FT.)	S.Y.	\$3.90	\$4,305.60	\$3.50	\$3,864.00		
33	504.3	42238	PLANING BITUMINOUS PAVEMENT (CURB EDGE - 0.00 TO 0.09 FT. - THIN LIFT)	S.Y.	\$3.90	\$164,728.20	\$2.75	\$116,154.50		
34	504.3	2279	PLANING BITUMINOUS PAVEMENT (TRANSVERSE - 0.00 TO 0.17 FT.)	S.Y.	\$5.20	\$11,850.80	\$4.50	\$10,255.50		
35	504.3	1651	PLANING BITUMINOUS PAVEMENT (TRANSVERSE - 0.00 TO 0.12 FT - THIN LIFT)	S.Y.	\$5.20	\$8,585.20	\$4.50	\$7,429.50		
36	504.41	30	OVER-EXCAVATION FOR PAVEMENT REPAIR INCL. HAUL	C.Y.	\$50.00	\$1,500.00	\$40.00	\$1,200.00		
37	705.37	32	ADJUST MANHOLE (DIAMOND-CUT METHOD)	EACH	\$450.00	\$14,400.00	\$800.00	\$25,600.00		
38	801.41	1	EROSION CONTROL AND SPILL PREVENTION REINSPECTION FEE (BASE BID)	EACH	-\$100.00	-\$100.00	-\$100.00	-\$100.00		
39	801.52	1	EROSION CONTROL (BASE BID)	L.S.	\$10,000.00	\$10,000.00	\$8,500.00	\$8,500.00		
40	804.04	542	MODIFIED DUAL-FACED CEMENT CONC. TRAFFIC CURB	L.F.	\$25.00	\$13,550.00	\$55.00	\$29,810.00		
41	804.47	80	EXTRUDED CURB TYPE 6	L.F.	\$13.00	\$1,040.00	\$15.00	\$1,200.00		
42	820.05	1	SCHOOL FLASHER SYSTEM (NE 134TH STREET)	L.S.	\$19,700.00	\$19,700.00	\$15,675.00	\$15,675.00		
43	820.11	1	TRAFFIC SIGNAL SYSTEM LOOP REPLACEMENT (NE TENNEY RD AT FRED MEYER/NE 136TH ST)	L.S.	\$3,444.00	\$3,444.00	\$3,392.00	\$3,392.00		
44	820.11	1	TRAFFIC SIGNAL SYSTEM LOOP REPLACEMENT (NE 10TH AVE AT TENNEY RD)	L.S.	\$3,444.00	\$3,444.00	\$2,990.00	\$2,990.00		
45	820.11	1	TRAFFIC SIGNAL SYSTEM LOOP REPLACEMENT (NE 29TH AVE AT NE 134TH ST)	L.S.	\$5,166.00	\$5,166.00	\$5,423.00	\$5,423.00		
46	820.11	1	TRAFFIC SIGNAL SYSTEM LOOP REPLACEMENT (NE 29TH AVE AT NE 139TH ST)	L.S.	\$2,583.00	\$2,583.00	\$2,491.00	\$2,491.00		
			<b>TOTAL</b>			\$7,123,610.22		\$7,881,881.00		

**BID QUANTITIES - ADDITIVE 1**

Include all applicable use and/or sales taxes in the individual Unit and Lump Sum prices.

47	101.07	1	MOBILIZATION (ADDITIVE 1)	L.S.	\$52,185.48	\$52,185.48	\$5,973.00	\$5,973.00		
	107.15	1	SPCC PLAN (ADDITIVE 1)	L.S.	\$500.00	\$500.00	\$500.00	\$500.00		
49	107.42	12	PROPERTY OWNER NOTIFICATION LABOR	HOURL	\$60.00	\$720.00	\$35.00	\$420.00		
50	108.01	1	TYPE B PROGRESS SCHEDULE - ADDITIVE 1 (Minimum Bid = \$1,000.00)	L.S.	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00		
51	110	1	PROJECT TEMPORARY TRAFFIC CONTROL (ADDITIVE 1)	L.S.	\$13,000.00	\$13,000.00	\$1,500.00	\$1,500.00		
52	110.01	1	TRAFFIC CONTROL SUPERVISOR (ADDITIVE 1)	L.S.	\$4,500.00	\$4,500.00	\$5,000.00	\$5,000.00		
53	110.02	828	FLAGGERS	HOURL	\$55.00	\$45,540.00	\$60.00	\$49,680.00		
54	110.07	1728	PORTABLE CHANGEABLE MESSAGE SIGN	HOURL	\$8.00	\$13,824.00	\$2.00	\$3,456.00		
55	201.02	1	ROADSIDE CLEANUP (ADDITIVE 1)	EST.	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00		
56	404.03	10	CRUSHED SURFACING TOP COURSE	TON	\$115.00	\$1,150.00	\$85.00	\$850.00		
57	504.02	5642	HMA CL. 1/2 IN. PG 64-22 (ESAL 0.3M TO <3M)	TON	\$72.00	\$406,224.00	\$85.00	\$479,570.00		
58	504.07	273	HMA FOR APPROACH CL. 1/2 IN. PG 64-22	TON	\$112.00	\$30,576.00	\$160.00	\$43,680.00		
59	504.1	163	HMA FOR PRELEVELING CL. 3/8 IN. PG 64-22	TON	\$97.00	\$15,811.00	\$95.00	\$15,485.00		
60	504.17	314	HMA FOR PAVEMENT REPAIR CL. 1/2 IN. PG 64-22	TON	\$125.00	\$39,250.00	\$145.00	\$45,530.00		
61	504.25	1887	PAVEMENT REPAIR EXCAVATION INCL. HAUL	S.Y.	\$8.00	\$15,096.00	\$4.00	\$7,548.00		

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ITEM NO.	BID ITEM IDENT NO	QUANTITY	BID ITEM DESCRIPTION	UNIT	UNIT PRICE	Total	UNIT PRICE	Total	UNIT PRICE	Total
62	504.3	12973	PLANING BITUMINOUS PAVEMENT (CURB EDGE - 0.00 TO 0.12 FT.)	S.Y.	\$3.90	\$50,594.70	\$3.50	\$45,405.50		
63	504.3	939	PLANING BITUMINOUS PAVEMENT (TRANSVERSE - 0.00 TO 0.17 FT.)	S.Y.	\$5.20	\$4,882.80	\$4.50	\$4,225.50		
64	705.37	15	ADJUST MANHOLE (DIAMOND-CUT METHOD)	EACH	\$450.00	\$6,750.00	\$800.00	\$12,000.00		
65	801.41	1	EROSION CONTROL AND SPILL PREVENTION REINSPECTION FEE (ADDITIVE 1)	EACH	-\$100.00	-\$100.00	-\$100.00	-\$100.00		
66	801.52	1	EROSION CONTROL (ADDITIVE 1)	L.S.	\$2,000.00	\$2,000.00	\$1,000.00	\$1,000.00		
<b>TOTAL</b>						\$704,503.98		\$723,723.00		

**BID QUANTITIES - ADDITIVE 2**

Include all applicable use and/or sales taxes in the individual Unit and Lump Sum prices.

67	101.07	1	MOBILIZATION (ADDITIVE 2)	L.S.	\$23,563.59	\$23,563.59	\$4,879.00	\$4,879.00		
68	107.15	1	SPCC PLAN (ADDITIVE 2)	L.S.	\$500.00	\$500.00	\$500.00	\$500.00		
69	107.42	8	PROPERTY OWNER NOTIFICATION LABOR	HOURL	\$60.00	\$480.00	\$35.00	\$280.00		
70	108.01	1	TYPE B PROGRESS SCHEDULE - ADDITIVE 2 (Minimum Bid = \$1,000.00)	L.S.	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00		
71	110	1	PROJECT TEMPORARY TRAFFIC CONTROL (ADDITIVE 2)	L.S.	\$6,000.00	\$6,000.00	\$1,000.00	\$1,000.00		
72	110.01	1	TRAFFIC CONTROL SUPERVISOR (ADDITIVE 2)	L.S.	\$2,000.00	\$2,000.00	\$9,000.00	\$9,000.00		
73	110.02	276	FLAGGERS	HOURL	\$55.00	\$15,180.00	\$60.00	\$16,560.00		
74	110.07	528	PORTABLE CHANGEABLE MESSAGE SIGN	HOURL	\$8.00	\$4,224.00	\$2.00	\$1,056.00		
75	201.02	1	ROADSIDE CLEANUP (ADDITIVE 2)	EST.	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00		
76	202.08	104	REMOVING BRIDGE PAVEMENT	S.Y.	\$45.00	\$4,680.00	\$70.00	\$7,280.00		
77	202.08	11	REMOVING CEMENT CONC. PAVEMENT (DRIVEWAYS)	S.Y.	\$45.00	\$495.00	\$60.00	\$660.00		
78	404.03	15	CRUSHED SURFACING TOP COURSE	TON	\$115.00	\$1,725.00	\$85.00	\$1,275.00		
79	504.02	2376	HMA CL. 1/2 IN. PG 64-22 (ESAL 0.3M TO <3M)	TON	\$72.00	\$171,072.00	\$85.00	\$201,960.00		
80	504.07	122	HMA FOR APPROACH CL. 1/2 IN. PG 64-22	TON	\$112.00	\$13,664.00	\$160.00	\$19,520.00		
81	504.1	143	HMA FOR PRELEVELING CL. 3/8 IN. PG 64-22	TON	\$97.00	\$13,871.00	\$95.00	\$13,585.00		
82	504.17	291	HMA FOR PAVEMENT REPAIR CL. 1/2 IN. PG 64-22	TON	\$125.00	\$36,375.00	\$145.00	\$42,195.00		
83	504.25	1744	PAVEMENT REPAIR EXCAVATION INCL. HAUL	S.Y.	\$8.00	\$13,952.00	\$4.00	\$6,976.00		
84	504.29	48	TRANSVERSE JOINT SEAL	L.F.	\$55.00	\$2,640.00	\$22.00	\$1,056.00		
85	504.3	79	PLANING BITUMINOUS PAVEMENT (CURB EDGE - 0.00 TO 0.12 FT.)	S.Y.	\$3.90	\$308.10	\$3.50	\$276.50		
86	504.3	369	PLANING BITUMINOUS PAVEMENT (TRANSVERSE - 0.00 TO 0.17 FT.)	S.Y.	\$5.20	\$1,918.80	\$4.50	\$1,660.50		
87	608.01	104	MEMBRANE WATERPROOFING (DECK SEAL)	S.Y.	\$15.00	\$1,560.00	\$55.00	\$5,720.00		
	801.41	1	EROSION CONTROL AND SPILL PREVENTION REINSPECTION FEE (ADDITIVE 2)	EACH	-\$100.00	-\$100.00	-\$100.00	-\$100.00		
	801.52	1	EROSION CONTROL (ADDITIVE 2)	L.S.	\$2,000.00	\$2,000.00	\$1,000.00	\$1,000.00		
<b>TOTAL</b>						\$318,108.49		\$338,339.00		

<b>TOTAL BID (Base Bid + Additive 1 + Additive 2)</b>					\$8,146,222.69	\$8,943,943.00	
<b>RANKING</b>					ENGINEER'S ESTIMATE	FIRST	SECOND
<b>% OVER OR UNDER ENGR. EST.</b>						9.79%	-100.00%