

BID RESULTS - BY-PASS 4 Widening

Ref. No.	Item No.	ITEM	Est. Qty.	Unit	Unit Price	SUNESIS		JURGENSEN	
						Total Price	Unit Price	Total Price	Unit Price
		ROADWAY							
1	201	Clearing and grubbing	1	LS	\$27,400.00	\$27,400.00	\$60,558.30	\$60,558.30	
2	202	Headwall removed	8	EA	\$677.00	\$5,416.00	\$512.53	\$4,100.24	
3	202	Pavement removed, asphalt	11,201	SY	\$2.45	\$27,442.45	\$1.18	\$13,217.18	
4	202	Walk removed	1,259	SF	\$1.80	\$2,266.20	\$1.27	\$1,598.93	
5	202	Concrete median removed	84	FT	\$31.25	\$2,625.00	\$10.78	\$905.52	
6	202	Curb removed	96	FT	\$1.70	\$163.20	\$6.51	\$624.96	
7	202	Curb and gutter removed	643	FT	\$1.15	\$739.45	\$4.96	\$3,189.28	
8	202	Gutter removed	125	FT	\$2.15	\$268.75	\$3.10	\$387.50	
9	202	Pipe removed, 24" and under	782	FT	\$6.90	\$5,395.80	\$23.02	\$18,001.64	
10	202	Pipe removed, over 24"	442	FT	\$6.75	\$2,983.50	\$23.03	\$10,179.26	
11	202	Guardrail removed	3,359	FT	\$1.35	\$4,534.65	\$1.00	\$3,359.00	
12	202	Manhole removed	2	EA	\$224.25	\$448.50	\$666.80	\$1,333.60	
13	202	Catch basin removed	9	EA	\$221.55	\$1,993.95	\$428.69	\$3,858.21	
14	202	Fence removed	870	FT	\$1.00	\$870.00	\$2.00	\$1,740.00	
15	202	Meter vault removed	1	EA	\$175.00	\$175.00	\$1,288.92	\$1,288.92	
16	203	Excavation	17,451	CY	\$17.63	\$307,661.13	\$4.35	\$75,911.85	
17	203	Embankment	175,887	CY	\$6.17	\$1,085,222.79	\$5.24	\$921,647.88	
18	204	Subgrade compaction	27,387	SY	\$0.82	\$22,457.34	\$1.17	\$32,042.79	
19	204	Excavation of subgrade	812	CY	\$4.10	\$3,329.20	\$9.64	\$7,827.68	

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20	204	Granular material, Type B	812	CY	\$34.80	\$28,257.60	\$36.66	\$29,767.92	
21	204	Proof rolling	14	HR	\$323.00	\$4,522.00	\$97.70	\$1,367.80	
22	204	Geotextile fabric	2,437	SY	\$1.10	\$2,680.70	\$1.65	\$4,021.05	
23	206	Cement	937	Ton	\$101.60	\$95,199.20	\$94.60	\$88,640.20	
24	206	Curing coat, as per plan	27,025	SY	\$0.70	\$18,917.50	\$0.93	\$25,133.25	
25	206	Cement stabilized subgrade, 14" deep	27,025	SY	\$3.94	\$106,478.50	\$4.31	\$116,477.75	
26	206	Contractor designed chemically stabilized subgrade	1	LS	\$13,100.00	\$13,100.00	\$13,761.00	\$13,761.00	
27	606	Guardrail, Type 5	3,787.5	FT	\$12.55	\$47,533.13	\$12.00	\$45,450.00	
28	606	Anchor assembly, Type E-98	1	EA	\$1,912.00	\$1,912.00	\$1,825.00	\$1,825.00	
29	606	Anchor assembly, Type T	1	EA	\$633.70	\$633.70	\$630.00	\$630.00	
30	606	Bridge terminal assembly, Type 1	2	EA	\$1,145.00	\$2,290.00	\$1,080.00	\$2,160.00	
31	606	Bridge terminal assembly, Type 2	2	EA	\$382.00	\$764.00	\$360.00	\$720.00	
32	606	Impact attenuator, Type 1-98 (bi-directional)	4	EA	\$3,692.00	\$14,768.00	\$4,713.03	\$18,852.12	
33	622	Concrete barrier, single slope, Type B	2,320	FT	\$44.80	\$103,936.00	\$41.00	\$95,120.00	
34	622	Portable concrete barrier, 32"	620	FT	\$19.65	\$12,183.00	\$14.80	\$9,176.00	
35	622	Concrete barrier end section, Type B	2	EA	\$5,135.00	\$10,270.00	\$5,138.60	\$10,277.20	
36	622	Glare screen	620	FT	\$5.45	\$3,379.00	\$4.92	\$3,050.40	
37	626	Barrier reflector	29	EA	\$6.55	\$189.95	\$5.00	\$145.00	
38	Spec	Roadway, Misc.: Underground utilities, ODOT/government owned and maintained	1	LS	\$3,470.00	\$3,470.00	\$3,000.00	\$3,000.00	

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39	Spec	Roadway, Misc.: 4"x8" brick pavers, Herringbone pattern	156	SY	\$31.70	\$4,945.20	\$151.24	\$23,593.44	
40	Spec	Mailbox support system, single	2	EA	\$198.00	\$396.00	\$135.94	\$271.88	
		EROSION CONTROL							
41	601	Riprap using 6" reinforced concrete slab	25	SY	\$174.10	\$4,352.50	\$143.29	\$3,582.25	
42	601	Tied concrete block mat, Type 1	12	SY	\$218.30	\$2,619.60	\$156.92	\$1,883.04	
43	601	Rock channel protection, Type A w/fabric filter	50	CY	\$52.30	\$2,615.00	\$117.68	\$5,884.00	
44	601	Rock channel protection, Type B w/fabric filter	22	CY	\$56.80	\$1,249.60	\$135.66	\$2,984.52	
45	601	Rock channel protection, Type C w/fabric filter	14	CY	\$49.55	\$693.70	\$170.54	\$2,387.56	
46	601	Paved gutter, Type 1-2	109	FT	\$48.95	\$5,335.55	\$47.97	\$5,228.73	
47	659	Soil analysis test	3	EA	\$27.30	\$81.90	\$15.00	\$45.00	
48	659	Seeding and mulching	142,968	SY	\$0.28	\$40,031.04	\$0.26	\$37,171.68	
49	659	Repair seeding and mulching	7,149	SY	\$0.34	\$2,430.66	\$0.26	\$1,858.74	
50	659	Inter-seeding	7,149	SY	\$0.01	\$71.49	\$0.24	\$1,715.76	
51	659	Commercial fertilizer	19.94	Ton	\$163.90	\$3,268.17	\$190.00	\$3,788.60	
52	659	Lime	29.54	Acre	\$1.10	\$32.49	\$30.00	\$886.20	
53	659	Water	946	MGal	\$0.01	\$9.46	\$1.00	\$946.00	
54	659	Mowing	322	MSF	\$5.20	\$1,674.40	\$2.10	\$676.20	
55	660	Sodding reinforced	323	SY	\$13.10	\$4,231.30	\$8.50	\$2,745.50	
56	670	Ditch erosion protection	601	SY	\$1.65	\$991.65	\$1.20	\$721.20	

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57	832	Storm water pollution prevention plan	1	LS	\$19,340.00	\$19,340.00	\$7,140.00	\$7,140.00	
58	832	Erosion control	314,276	EA	\$1.00	\$314,276.00	\$1.00	\$314,276.00	
59	836	Seeding and erosion control w/turf reinforcing mat, Type 1	1,517	SY	\$6.55	\$9,936.35	\$3.10	\$4,702.70	
60	836	Seeding and erosion control w/turf reinforcing mat, Type 2	361	SY	\$10.92	\$3,942.12	\$4.20	\$1,516.20	
		DRAINAGE							
61	602	Concrete masonry	14.6	CY	\$2,581.00	\$37,682.60	\$1,318.00	\$19,242.80	
62	603	4" conduit, Type B, 707.33	259	FT	\$7.52	\$1,947.68	\$34.80	\$9,013.20	
63	603	6" conduit, Type F for underdrain outlets	859	FT	\$4.70	\$4,037.30	\$24.48	\$21,028.32	
64	603	6" conduit, Type C	4	FT	\$72.00	\$288.00	\$106.05	\$424.20	
65	603	8" conduit, Type C	20	FT	\$15.52	\$310.40	\$61.26	\$1,225.20	
66	603	12" conduit, Type B, 706.02	273	FT	\$38.80	\$10,592.40	\$65.79	\$17,960.67	
67	603	12" conduit, Type C, 706.02	426	FT	\$34.90	\$14,867.40	\$67.82	\$28,891.32	
68	603	12" conduit, Type D, 706.02	55	FT	\$37.95	\$2,087.25	\$62.23	\$3,422.65	
69	603	12" conduit, Type F, 707.05 Type C or 707.21	77	FT	\$50.12	\$3,859.24	\$54.85	\$4,223.45	
70	603	15" conduit, Type B, 706.02	12	FT	\$90.40	\$1,084.80	\$184.87	\$2,218.44	
71	603	15" conduit, Type C, 706.02	261	FT	\$40.50	\$10,570.50	\$49.82	\$13,003.02	
72	603	18" conduit, Type B, 706.02	65	FT	\$52.48	\$3,411.20	\$64.01	\$4,160.65	
73	603	18" conduit, Type C, 706.02	13	FT	\$70.15	\$911.95	\$93.96	\$1,221.48	
74	603	21" conduit, Type C, 706.02	8	FT	\$119.35	\$954.80	\$151.73	\$1,213.84	

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75	603	24" conduit, Type B, 706.02	503	FT	\$52.38	\$26,347.14	\$67.84	\$34,123.52	
76	603	24" conduit, Type C, 706.02	359	FT	\$48.75	\$17,501.25	\$52.52	\$18,854.68	
77	603	30" conduit, Type A, 706.02	27	FT	\$95.75	\$2,585.25	\$149.15	\$4,027.05	
78	603	30" conduit, Type C, 706.02	228	FT	\$61.60	\$14,044.80	\$71.94	\$16,402.32	
79	603	33" conduit, Type A, 706.02	200	FT	\$82.10	\$16,420.00	\$81.57	\$16,314.00	
80	603	36" conduit, Type A, 706.02	83	FT	\$111.55	\$9,258.65	\$141.44	\$11,739.52	
81	603	36" conduit, Type B, 706.02	145	FT	\$77.46	\$11,231.70	\$106.07	\$15,380.15	
82	603	42" conduit, Type C, 706.02	4	FT	\$492.70	\$1,970.80	\$610.86	\$2,443.44	
83	603	48" conduit, Type A, 707.07	46	FT	\$186.20	\$8,565.20	\$197.71	\$9,094.66	
84	603	96" conduit, Type A, 707.03	83	FT	\$458.00	\$38,014.00	\$535.97	\$44,485.51	
85	603	34"x 53" conduit, Type C, 706.04	365	FT	\$159.25	\$58,126.25	\$137.43	\$50,161.95	
86	604	Catch basin, No. 3	5	EA	\$2,240.00	\$11,200.00	\$2,631.49	\$13,157.45	
87	604	Catch basin, No. 3A	6	EA	\$1,400.00	\$8,400.00	\$1,868.03	\$11,208.18	
88	604	Catch basin, No. 3A, as per plan	2	EA	\$1,985.00	\$3,970.00	\$2,784.37	\$5,568.74	
89	604	Catch basin, No. 5	3	EA	\$2,790.00	\$8,370.00	\$1,678.16	\$5,034.48	
90	604	Catch basin, No. 2-5	2	EA	\$2,840.00	\$5,680.00	\$2,282.77	\$4,565.54	
91	604	Inlet, No. 3B, as per plan	2	EA	\$4,790.00	\$9,580.00	\$7,206.53	\$14,413.06	
92	604	Manhole, No. 3	8	EA	\$2,450.00	\$19,600.00	\$2,576.45	\$20,611.60	
93	604	Precast reinforced concrete outlet	20	EA	\$140.00	\$2,800.00	\$319.74	\$6,394.80	
94	605	6" shallow pipe underdrains	13,461	FT	\$5.22	\$70,266.42	\$4.98	\$67,035.78	

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95	605	6" unclassified pipe underdrains	750	FT	\$7.20	\$5,400.00	\$14.54	\$10,905.00	
96	605	6" base pipe underdrains	15,432	FT	\$4.83	\$74,536.56	\$5.03	\$77,622.96	
97	835	Exfiltration trench, Type A	56	FT	\$102.35	\$5,731.60	\$148.24	\$8,301.44	
98	835	Exfiltration trench, Type B	44	FT	\$52.45	\$2,307.80	\$123.16	\$5,419.04	
		PAVEMENT							
99	254	Pavement planing, asphalt concrete	11,918	SY	\$1.09	\$12,990.62	\$1.25	\$14,897.50	
100	301	Asphalt concrete base, PG64-22	1,203	CY	\$96.15	\$115,668.45	\$98.74	\$118,784.22	
101	302	Asphalt concrete base, PG64-22	8,474	CY	\$93.95	\$796,132.30	\$96.28	\$815,876.72	
102	304	Aggregate base	8,691	CY	\$37.00	\$321,567.00	\$38.40	\$333,734.40	
103	407	Tack coat	7,303	Gal.	\$1.90	\$13,875.70	\$2.00	\$14,606.00	
104	407	Tack coat for intermediate course	2,016	Gal.	\$1.90	\$3,830.40	\$2.00	\$4,032.00	
105	408	Prime coat	20,640	Gal.	\$2.70	\$55,728.00	\$2.62	\$54,076.80	
106	448	Asphalt concrete intermediate course, Type 2, PG64-28	3,331	CY	\$118.00	\$393,058.00	\$125.09	\$416,674.79	
107	448	Asphalt concrete surface course, Type 1H	4,070	CY	\$153.00	\$622,710.00	\$159.88	\$650,711.60	
108	452	8" non-reinforced concrete pavement	479	SY	\$43.88	\$21,018.52	\$40.39	\$19,346.81	
109	609	Combination curb and gutter, Type 2	3,041	FT	\$14.38	\$43,729.58	\$14.92	\$45,371.72	
110	609	Curb, Type 4-C	104	FT	\$18.56	\$1,930.24	\$17.00	\$1,768.00	
111	609	Curb, Type 6	349	FT	\$19.28	\$6,728.72	\$18.28	\$6,379.72	
112	617	Compacted aggregate	143	CY	\$149.60	\$21,392.80	\$54.09	\$7,734.87	

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113	617	Shoulder preparation	1,719	SY	\$4.20	\$7,219.80	\$0.18	\$309.42	
114	Spec	Misc.: reinforcement mesh for longitudinal joints	5,064	FT	\$4.20	\$21,268.80	\$4.22	\$21,370.08	
		WATER WORKS							
115	638	30" steel pipe encasement, bored or jacked	130	FT	\$450.00	\$58,500.00	\$355.71	\$46,242.30	
116	638	16" butterfly valve and valve box	1	EA	\$4,752.00	\$4,752.00	\$5,093.12	\$5,093.12	
117	638	Fire hydrant adjusted to grade	2	EA	\$640.00	\$1,280.00	\$831.81	\$1,663.62	
118	638	Fire hydrant removed and reset	4	EA	\$1,193.00	\$4,772.00	\$1,865.94	\$7,463.76	
119	638	Valve box adjusted to grade	16	EA	\$288.00	\$4,608.00	\$338.09	\$5,409.44	
120	638	Water Work, Misc.: plug proposed pipe	2	EA	\$351.00	\$702.00	\$1,631.71	\$3,263.42	
121	638	Water Work, Misc.: 16" water main D.I. pipe ANSI class 55 w/polyethylene encasement	812	FT	\$108.70	\$88,264.40	\$123.95	\$100,647.40	
		SANITARY SEWER							
122	603	Conduit, bored or jacked: steel, 16"	120	FT	\$317.00	\$38,040.00	\$393.05	\$47,166.00	
123	603	Conduit, Misc.: 8", SDR-26	190	FT	\$75.78	\$14,398.20	\$109.62	\$20,827.80	
124	604	Manhole, No. 3	1	EA	\$6,100.00	\$6,100.00	\$5,223.10	\$5,223.10	
125	604	Manhole adjusted to grade	5	EA	\$210.00	\$1,050.00	\$500.57	\$2,502.85	
126	604	Manhole reconstructed to grade	2	EA	\$965.00	\$1,930.00	\$971.85	\$1,943.70	
		TRAFFIC CONTROL							

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127	621	RPM, yellow/yellow	171	EA	\$16.70	\$2,855.70	\$15.65	\$2,676.15	
128	621	RPM, white	228	EA	\$16.70	\$3,807.60	\$15.65	\$3,568.20	
129	621	RPM, white/red	223	EA	\$16.70	\$3,724.10	\$15.65	\$3,489.95	
130	621	RPM, yellow/red	68	EA	\$16.70	\$1,135.60	\$15.65	\$1,064.20	
131	621	Raised pavement marker removed	500	EA	\$5.50	\$2,750.00	\$7.93	\$3,965.00	
132	625	Conduit, 2", 725.05	168	FT	\$1.80	\$302.40	\$1.50	\$252.00	
133	625	Ground rod	5	EA	\$174.80	\$874.00	\$154.00	\$770.00	
134	630	Ground mounted support, No. 3 post	1,139	FT	\$7.10	\$8,086.90	\$6.50	\$7,403.50	
135	630	Street name sign support, No. 3 post	42	FT	\$9.82	\$412.44	\$10.40	\$436.80	
136	630	Sign post reflector	6	EA	\$40.15	\$240.90	\$30.00	\$180.00	
137	630	Overhead sign support, Type TC-16.21, design 13	5	EA	\$9,140.00	\$45,700.00	\$8,225.00	\$41,125.00	
138	630	Sign flat sheet	537.9	SF	\$13.66	\$7,347.71	\$13.00	\$6,992.70	
139	630	Sign double faced, street name	6	EA	\$109.25	\$655.50	\$75.00	\$450.00	
140	630	Removal of ground mounted sign and disposal	86	EA	\$13.10	\$1,126.60	\$10.00	\$860.00	
141	630	Rigid overhead sign support foundation	5	EA	\$1,770.00	\$8,850.00	\$2,950.00	\$14,750.00	
142	630	Removal of ground mounted sign and reerection	2	EA	\$60.10	\$120.20	\$45.00	\$90.00	
143	630	Removal of ground mounted major sign and disposal	1	EA	\$73.20	\$73.20	\$95.00	\$95.00	
144	630	Removal of ground mounted post support and disposal	75	EA	\$13.10	\$982.50	\$10.00	\$750.00	
145	630	Removal of ground mounted beam support and disposal	2	EA	\$218.50	\$437.00	\$125.00	\$250.00	

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146	630	Removal of overhead sign support and disposal	2	EA	\$819.40	\$1,638.80	\$675.00	\$1,350.00	
147	642	Edge line	0.66	Mi.	\$1,092.58	\$721.10	\$1,000.00	\$660.00	
148	642	Lane line	0.12	Mi.	\$1,311.08	\$157.33	\$1,200.00	\$144.00	
149	642	Center line	0.18	Mi.	\$2,185.22	\$393.34	\$2,000.00	\$360.00	
150	642	Channelizing line	1,080	FT	\$0.46	\$496.80	\$0.42	\$453.60	
151	642	Lane arrow	7	EA	\$54.63	\$382.41	\$50.00	\$350.00	
152	642	Removal of pavement marking	2,146	FT	\$0.55	\$1,180.30	\$0.50	\$1,073.00	
153	644	Edge line	4.15	Mi.	\$1,638.88	\$6,801.35	\$1,500.00	\$6,225.00	
154	644	Lane line	2.67	Mi.	\$764.81	\$2,042.04	\$700.00	\$1,869.00	
155	644	Center line	2.21	Mi.	\$2,731.47	\$6,036.55	\$2,500.00	\$5,525.00	
156	644	Channelizing line	7,479	FT	\$0.98	\$7,329.42	\$0.90	\$6,731.10	
157	644	Stop line	596	FT	\$4.64	\$2,765.44	\$4.25	\$2,533.00	
158	644	Transverse/diagonal line	652	FT	\$4.37	\$2,849.24	\$4.00	\$2,608.00	
159	644	Island marking	241.1	SF	\$2.19	\$528.01	\$2.00	\$482.20	
160	644	Lane arrow	79	EA	\$65.56	\$5,179.24	\$60.00	\$4,740.00	
161	644	Word on pavement, 96", as per plan	18	EA	\$142.04	\$2,556.72	\$130.00	\$2,340.00	
162	644	Dotted line, 4"	961	FT	\$1.42	\$1,364.62	\$1.30	\$1,249.30	
		TRAFFIC SIGNALS							
163	625	Connector kit, Type II	51	EA	\$49.44	\$2,521.44	\$51.00	\$2,601.00	

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164	625	Connector kit, Type III	51	EA	\$42.60	\$2,172.60	\$48.00	\$2,448.00	
165	625	Cable splicing kit	45	EA	\$43.15	\$1,941.75	\$44.00	\$1,980.00	
166	625	Bracket arm, 20'	11	EA	\$546.30	\$6,009.30	\$630.00	\$6,930.00	
167	625	No. 4 AWG 600 volt distribution cable	7,020	FT	\$2.20	\$15,444.00	\$1.33	\$9,336.60	
168	625	No. 10 AWG 600 volt distribution cable	3,004	FT	\$0.82	\$2,463.28	\$0.40	\$1,201.60	
169	625	No. 10 AWG pole and bracket cable	7,126	FT	\$0.75	\$5,344.50	\$0.40	\$2,850.40	
170	625	Conduit, 2", 725.05	1,365	FT	\$1.70	\$2,320.50	\$1.50	\$2,047.50	
171	625	Conduit, 3", 725.04	334	FT	\$12.90	\$4,308.60	\$12.75	\$4,258.50	
172	625	Conduit, 3", 725.05	317	FT	\$2.80	\$887.60	\$1.75	\$554.75	
173	625	Conduit, jacked or drilled, 725.04, 3"	909	FT	\$26.20	\$23,815.80	\$26.00	\$23,634.00	
174	625	Luminaire, conventional, 250 watt HPS, style B, Type III, 120 volt	11	EA	\$355.10	\$3,906.10	\$295.00	\$3,245.00	
175	625	Trench	2,016	FT	\$5.50	\$11,088.00	\$5.90	\$11,894.40	
176	625	Pull box, 725.08, 18"	24	EA	\$617.30	\$14,815.20	\$560.00	\$13,440.00	
177	625	Pull box, 725.08, 24"	1	EA	\$1,037.95	\$1,037.95	\$735.00	\$735.00	
178	625	Ground rod	15	EA	\$175.00	\$2,625.00	\$154.00	\$2,310.00	
179	630	Ground mounted support, No. 3 post	56	FT	\$8.20	\$459.20	\$7.00	\$392.00	
180	630	Sign hanger assembly, mast arm	47	EA	\$230.00	\$10,810.00	\$189.00	\$8,883.00	
181	630	Sign support assembly, pole mounted	18	EA	\$27.30	\$491.40	\$70.00	\$1,260.00	
182	630	Sign, flat sheet	89	SF	\$16.40	\$1,459.60	\$13.00	\$1,157.00	
183	631	Internally illuminated fixed message sign, LED, 1-way, as per plan	36	EA	\$1,518.00	\$54,648.00	\$2,390.00	\$86,040.00	

BID RESULTS - BY-PASS 4 Widening

Ref. No.	Item No.	ITEM	Est. Qty.	Unit	Unit Price	SUNESIS		JURGENSEN	
						Total Price	Unit Price	Total Price	
184	631	Internally illuminated fixed message sign, 2-way, (street name), as per plan	10	EA	\$2,665.00	\$26,650.00	\$2,490.00	\$24,900.00	
185	632	Vehicular signal head, (LED), 3-section, 12" lens, 1-way, w/backplate, polycarbonate, as per plan	12	EA	\$780.00	\$9,360.00	\$712.00	\$8,544.00	
186	632	Vehicular signal head, (LED), 5-section, 12" lens, 1-way, w/backplate, polycarbonate, as per plan	3	EA	\$1,200.00	\$3,600.00	\$1,075.00	\$3,225.00	
187	632	Vehicular signal head, (LED), 3-section, 12" lens, 1-way, polycarbonate, as per plan	12	EA	\$720.00	\$8,640.00	\$680.00	\$8,160.00	
188	632	Vehicular signal head, (LED), 5-section, 12" lens, 1-way, polycarbonate, as per plan	5	EA	\$1,070.00	\$5,350.00	\$1,065.00	\$5,325.00	
189	632	Covering of vehicular signal head	35	EA	\$27.30	\$955.50	\$19.00	\$665.00	
190	632	Messenger wire, 7 strand, 1/4" diameter w/accessories	146	FT	\$4.25	\$620.50	\$7.90	\$1,153.40	
191	632	Signal cable, 7 conductor, No. 14 AWG	4,241	FT	\$2.25	\$9,542.25	\$1.80	\$7,633.80	
192	632	Signal support foundation, as per plan	11	EA	\$2,750.00	\$30,250.00	\$2,890.00	\$31,790.00	
193	632	Power cable, 3 conductor, No. 6 AWG	400	FT	\$4.80	\$1,920.00	\$2.00	\$800.00	
194	632	Service cable, 3 conductor, No. 6 AWG	261	FT	\$4.80	\$1,252.80	\$1.00	\$261.00	
195	632	Power service, as per plan	4	EA	\$1,730.00	\$6,920.00	\$1,100.00	\$4,400.00	
196	632	Combination signal support, Type TC-81.21, design 11, as per plan	1	EA	\$7,380.00	\$7,380.00	\$6,285.00	\$6,285.00	
197	632	Combination signal support, Type TC-81.21, design 12, as per plan	1	EA	\$7,790.00	\$7,790.00	\$7,190.00	\$7,190.00	
198	632	Combination signal support, Type TC-81.21, design 13, as per plan	2	EA	\$9,700.00	\$19,400.00	\$8,575.00	\$17,150.00	
199	632	Combination signal support, Type TC-81.21, design 3, as per plan	1	EA	\$5,195.00	\$5,195.00	\$3,490.00	\$3,490.00	
200	632	Combination signal support, misc.: Installation only	4	EA	\$1,565.00	\$6,260.00	\$750.00	\$3,000.00	

BID RESULTS - BY-PASS 4 Widening

Ref. No.	Item No.	ITEM	Est. Qty.	Unit	Unit Price	SUNESIS		JURGENSEN	
						Total Price	Unit Price	Total Price	
201	632	Combination signal support, misc.: Type TC-81.21, design special, as per plan	2	EA	\$19,100.00	\$38,200.00	\$11,490.00	\$22,980.00	
202	632	Removal of traffic signal installation for storage, as per plan	3	EA	\$3,275.00	\$9,825.00	\$2,490.00	\$7,470.00	
203	632	Reuse of traffic control item, 10/100/1000 Ethernet switch, as per plan	2	EA	\$510.00	\$1,020.00	\$75.00	\$150.00	
204	632	Reuse of traffic control item, PTZ camera, as per plan	2	EA	\$1,315.00	\$2,630.00	\$490.00	\$980.00	
205	632	Reuse of vehicular signal head	3	EA	\$760.00	\$2,280.00	\$200.00	\$600.00	
206	633	Controller unit, Type TS2/A2, with cabinet, Type TS1, as per plan	4	EA	\$16,160.00	\$64,640.00	\$15,950.00	\$63,800.00	
207	633	Cabinet foundation	4	EA	\$1,365.00	\$5,460.00	\$690.00	\$2,760.00	
208	633	Controller work pad	4	EA	\$273.00	\$1,092.00	\$290.00	\$1,160.00	
209	633	Controller item, misc.: Advance/dilemma zone detection system, as per plan	2	EA	\$32,060.00	\$64,120.00	\$16,976.00	\$33,952.00	
210	633	System analysis, as per plan	1	LS	\$7,100.00	\$7,100.00	\$4,000.00	\$4,000.00	
211	633	Uninterruptible power supply (UPS), 1000 watt, as per plan	4	EA	\$6,170.00	\$24,680.00	\$5,980.00	\$23,920.00	
212	633	Controller item, misc.: Preemption system, as per plan	4	EA	\$9,300.00	\$37,200.00	\$6,750.00	\$27,000.00	
213	804	Splice enclosure	1	EA	\$546.00	\$546.00	\$375.00	\$375.00	
214	804	Fan-out kit, 6 fiber	4	EA	\$54.62	\$218.48	\$250.00	\$1,000.00	
215	804	Drop cable, 6 fiber	4	EA	\$655.55	\$2,622.20	\$25.00	\$100.00	
216	804	Fiber optic patch cord, 1 fiber	16	EA	\$21.85	\$349.60	\$10.00	\$160.00	
217	804	Termination panel, 6 fiber	4	EA	\$333.00	\$1,332.00	\$150.00	\$600.00	
218	804	Fusion splice	36	EA	\$68.80	\$2,476.80	\$50.00	\$1,800.00	
219	804	Slack installation	4	EA	\$256.75	\$1,027.00	\$55.00	\$220.00	

BID RESULTS - BY-PASS 4 Widening

Ref. No.	Item No.	ITEM	Est. Qty.	Unit	Unit Price	SUNESIS		JURGENSEN	
						Total Price	Unit Price	Total Price	
220	804	Fiber optic connector	18	EA	\$68.82	\$1,238.76	\$15.00	\$270.00	
221	804	Fiber optic cable testing, as per plan	1	LS	\$2,730.00	\$2,730.00	\$2,200.00	\$2,200.00	
222	804	Fiber optic cable, misc.: reuse existing cable, as per plan	3	EA	\$256.75	\$770.25	\$750.00	\$2,250.00	
223	816	Video detection system, as per plan	4	EA	\$20,185.00	\$80,740.00	\$19,175.00	\$76,700.00	
		MAINTENANCE OF TRAFFIC							
224	410	Traffic compacted surface, Type A or B	50	CY	\$46.55	\$2,327.50	\$55.85	\$2,792.50	
225	614	Law enforcement officer w/patrol car	40	HR	\$54.60	\$2,184.00	\$65.71	\$2,628.40	
226	614	Work zone impact attenuator (bi-directional)	2	EA	\$2,450.00	\$4,900.00	\$3,515.51	\$7,031.02	
227	614	Asphalt concrete for maintaining traffic	50	CY	\$163.90	\$8,195.00	\$164.48	\$8,224.00	
228	614	Barrier reflector, Type B	171	EA	\$5.45	\$931.95	\$11.09	\$1,896.39	
229	614	Object marker, one way	171	EA	\$10.90	\$1,863.90	\$15.95	\$2,727.45	
230	614	Work zone lane line, Class I	0.44	Mi.	\$437.02	\$192.29	\$1,656.30	\$728.77	
231	614	Work zone lane line, Class III, 642 paint	2.67	Mi.	\$327.78	\$875.17	\$566.04	\$1,511.33	
232	614	Work zone center line, Class I	4.44	Mi.	\$874.07	\$3,880.87	\$885.18	\$3,930.20	
233	614	Work zone center line, Class III, 642 paint	2.21	Mi.	\$764.81	\$1,690.23	\$856.99	\$1,893.95	
234	614	Work zone edge line, Class I	6.29	Mi.	\$655.55	\$4,123.41	\$810.60	\$5,098.67	
235	614	Work zone edge line, Class III, 642 paint	4.15	Mi.	\$546.29	\$2,267.10	\$686.39	\$2,848.52	
236	614	Work zone channelizing line, Class I	5,240	FT	\$0.33	\$1,729.20	\$0.92	\$4,820.80	
237	614	Work zone channelizing line, Class III, 642 paint	7,479	FT	\$0.33	\$2,468.07	\$0.87	\$6,506.73	

BID RESULTS - BY-PASS 4 Widening

Ref. No.	Item No.	ITEM	Est. Qty.	Unit	Unit Price	SUNESIS		JURGENSEN	
						Total Price	Unit Price	Total Price	
238	614	Work zone dotted line, Class I	645	FT	\$0.33	\$212.85	\$1.21	\$780.45	
239	614	Work zone stop line, Class I	495	FT	\$2.46	\$1,217.70	\$4.33	\$2,143.35	
240	614	Work zone stop line, Class III, 642 paint	608	FT	\$2.46	\$1,495.68	\$4.08	\$2,480.64	
241	614	Work zone arrow, Class I	79	EA	\$34.96	\$2,761.84	\$105.87	\$8,363.73	
242	614	Work zone word on pavement, 96", Class I	1	EA	\$69.93	\$69.93	\$275.46	\$275.46	
243	615	Roads for maintaining traffic	1	LS	\$2,790.00	\$2,790.00	\$2,367.70	\$2,367.70	
244	615	Pavement for maintaining traffic, Class A	133	SY	\$98.50	\$13,100.50	\$64.36	\$8,559.88	
245	616	Water	400	MGal	\$27.15	\$10,860.00	\$21.45	\$8,580.00	
246	622	Portable concrete barrier, 32"	8,370	FT	\$13.65	\$114,250.50	\$14.98	\$125,382.60	
247	622	Portable concrete barrier, 32", as per plan	20	FT	\$19.12	\$382.40	\$231.20	\$4,624.00	
		STRUCTURES OVER 20 FOOT SPAN - LEFT STRUCTURE							
248	Spec	Settlement platform	2	EA	\$2,792.00	\$5,584.00	\$500.00	\$1,000.00	
249	503	Cofferdams, cribs and sheeting	1	LS	\$74,592.00	\$74,592.00	\$50,000.00	\$50,000.00	
250	503	Unclassified excavation	1	LS	\$25,650.00	\$25,650.00	\$50,000.00	\$50,000.00	
251	504	Steel sheet piling left in place	3,650	SF	\$22.20	\$81,030.00	\$22.00	\$80,300.00	
252	505	Pile driving equipment mobilization	1	LS	\$15,400.00	\$15,400.00	\$10,000.00	\$10,000.00	
253	507	12" cast-in-place reinforced concrete piles, driven	6,900	FT	\$9.57	\$66,033.00	\$7.00	\$48,300.00	
254	507	12" cast-in-place reinforced concrete piles, furnished	7,490	FT	\$24.00	\$179,760.00	\$29.00	\$217,210.00	
255	509	Epoxy coated reinforcing steel	203,570	LB	\$0.80	\$162,856.00	\$0.85	\$173,034.50	

BID RESULTS - BY-PASS 4 Widening

Ref. No.	Item No.	ITEM	Est. Qty.	Unit	Unit Price	SUNESIS		JURGENSEN	
						Total Price	Unit Price	Total Price	Unit Price
256	510	Dowel holes w/non-shrink, non-metallic grout, as per plan	36	EA	\$6.65	\$239.40	\$30.00	\$1,080.00	
257	512	Sealing of concrete surfaces (epoxy-urethane)	501	SY	\$15.30	\$7,665.30	\$14.00	\$7,014.00	
258	513	Structural steel members, level 3	1	LS	\$323,600.00	\$323,600.00	\$292,000.00	\$292,000.00	
259	513	Welded stud shear connectors	4,338	EA	\$1.35	\$5,856.30	\$2.60	\$11,278.80	
260	514	Field painting structural steel, intermediate coat	1	LS	\$120,200.00	\$120,200.00	\$69,500.00	\$69,500.00	
261	514	Field painting structural steel, finish coat	1	LS	\$41,500.00	\$41,500.00	\$69,500.00	\$69,500.00	
262	516	Preformed expansion joint filler, misc.: variable thickness 2"-3"	30	SF	\$4.82	\$144.60	\$11.00	\$330.00	
263	516	Semi-integral abutment expansion joint seal, as per plan	140	FT	\$44.05	\$6,167.00	\$25.00	\$3,500.00	
264	516	Elastomeric bearing w/internal laminates and load plate (Neoprene), (3 5/8"x11"x16 1/2") as per plan	12	EA	\$1,313.00	\$15,756.00	\$800.00	\$9,600.00	
265	516	Elastomeric bearing w/internal laminates and load plate (Neoprene), (4 1/8"x13"x19") as per plan	12	EA	\$1,121.00	\$13,452.00	\$900.00	\$10,800.00	
266	518	Porous backfill w/filter fabric	100	CY	\$36.50	\$3,650.00	\$70.00	\$7,000.00	
267	518	6" perforated corrugated plastic pipe	170	FT	\$2.80	\$476.00	\$10.00	\$1,700.00	
268	518	6" non-perforated corrugated plastic pipe, including specials	24	FT	\$12.90	\$309.60	\$10.00	\$240.00	
269	523	Dynamic load testing	4	EA	\$6,643.00	\$26,572.00	\$3,000.00	\$12,000.00	
270	601	Crushed aggregate slope protection	675	SY	\$14.40	\$9,720.00	\$25.00	\$16,875.00	
271	607	Vandal protection fence, 6' straight, coated fabric	189	FT	\$63.80	\$12,058.20	\$51.50	\$9,733.50	
272	898	QC/QA concrete, class QSC2, superstructure (deck), as per plan	360	CY	\$698.50	\$251,460.00	\$540.00	\$194,400.00	

BID RESULTS - BY-PASS 4 Widening

Ref. No.	Item No.	ITEM	Est. Qty.	Unit	Unit Price	SUNESIS		JURGENSEN	
						Total Price	Unit Price	Total Price	
273	898	QC/QA concrete, class QSC2, superstructure (approach slab), (T=15"), as per plan	281	SY	\$157.40	\$44,229.40	\$225.00	\$63,225.00	
274	898	QC/QA concrete, class QSC2, superstructure (parapet)	62	CY	\$450.30	\$27,918.60	\$300.00	\$18,600.00	
275	898	QC/QA concrete, class QSC1, substructure (pier above footing)	257	CY	\$421.65	\$108,364.05	\$475.00	\$122,075.00	
276	898	QC/QA concrete, class QSC1, substructure (abutment)	128	CY	\$374.55	\$47,942.40	\$375.00	\$48,000.00	
277	898	QC/QA concrete, class QSC1, substructure (footing)	247	CY	\$245.30	\$60,589.10	\$240.00	\$59,280.00	
		STRUCTURES OVER 20 FOOT SPAN - RIGHT STRUCTURE							
278	202	Portions of structure removed, over 20 foot span, as per plan	1	LS	\$58,000.00	\$58,000.00	\$75,000.00	\$75,000.00	
279	202	Approach slab removed	170	SY	\$48.50	\$8,245.00	\$35.00	\$5,950.00	
280	503	Cofferdams, cribs and sheeting	1	LS	\$1.00	\$1.00	\$8,000.00	\$8,000.00	
281	503	Unclassified excavation	1	LS	\$6,775.00	\$6,775.00	\$15,000.00	\$15,000.00	
282	505	Pile driving equipment mobilization	1	LS	\$7,338.00	\$7,338.00	\$10,000.00	\$10,000.00	
283	507	12" cast-in-place reinforced concrete piles, driven	720	FT	\$14.90	\$10,728.00	\$7.00	\$5,040.00	
284	507	12" cast-in-place reinforced concrete piles, furnished	780	FT	\$20.30	\$15,834.00	\$30.00	\$23,400.00	
285	509	Epoxy coated reinforcing steel	122,356	LB	\$0.80	\$97,884.80	\$0.86	\$105,226.16	
286	510	Dowel holes w/non-shrink, non-metallic grout, as per plan	358	EA	\$13.50	\$4,833.00	\$10.00	\$3,580.00	
287	512	Sealing of concrete surfaces (epoxy-urethane)	503	SY	\$15.30	\$7,695.90	\$14.00	\$7,042.00	
288	512	Type 2 waterproofing	8	SY	\$33.18	\$265.44	\$50.00	\$400.00	

BID RESULTS - BY-PASS 4 Widening

Ref. No.	Item No.	ITEM	Est. Qty.	Unit	Unit Price	SUNESIS		JURGENSEN	
						Total Price	Unit Price	Total Price	
289	513	Welded stud shear connectors	4,014	EA	\$1.36	\$5,459.04	\$2.95	\$11,841.30	
290	514	Surface preparation of existing structural steel	1	LS	\$43,800.00	\$43,800.00	\$48,500.00	\$48,500.00	
291	514	Grinding fins, tears, slivers on existing structural steel	3	MNHR	\$191.20	\$573.60	\$95.00	\$285.00	
292	514	Field painting of damaged structural steel, as per plan	750	SF	\$43.71	\$32,782.50	\$80.00	\$60,000.00	
293	516	1" preformed expansion joint filler	80	SF	\$3.90	\$312.00	\$5.00	\$400.00	
294	516	Preformed expansion joint filler, misc.: variable thickness 2"-3"	30	SF	\$4.80	\$144.00	\$10.00	\$300.00	
295	516	Semi-integral abutment expansion joint seal, as per plan	130	FT	\$44.58	\$5,795.40	\$25.00	\$3,250.00	
296	516	Elastomeric bearing w/internal laminates and load plate (Neoprene), (3 5/8"x12"x14") as per plan	12	EA	\$1,160.00	\$13,920.00	\$1,000.00	\$12,000.00	
297	516	Elastomeric bearing w/internal laminates and load plate (Neoprene), (4 1/8"x14"x16 1/2") as per plan	12	EA	\$1,060.00	\$12,720.00	\$1,000.00	\$12,000.00	
298	516	Jacking and temporary support of superstructure, as per plan	1	LS	\$23,315.00	\$23,315.00	\$25,000.00	\$25,000.00	
299	518	Porous backfill w/filter fabric	58	CY	\$37.20	\$2,157.60	\$70.00	\$4,060.00	
300	518	6" perforated corrugated plastic pipe	38	FT	\$4.05	\$153.90	\$10.00	\$380.00	
301	518	6" non-perforated corrugated plastic pipe, including specials	24	FT	\$18.05	\$433.20	\$10.00	\$240.00	
302	523	Dynamic load testing	1	EA	\$6,640.00	\$6,640.00	\$3,000.00	\$3,000.00	
303	601	Crushed aggregate slope protection, as per plan	70	SY	\$18.70	\$1,309.00	\$30.00	\$2,100.00	
304	607	Vandal protection fence, 6' straight, coated fabric	189	FT	\$63.82	\$12,061.98	\$51.50	\$9,733.50	
305	898	QC/QA concrete, class QSC2, superstructure (deck), as per plan	340	CY	\$667.50	\$226,950.00	\$540.00	\$183,600.00	

BID RESULTS - BY-PASS 4 Widening

Ref. No.	Item No.	ITEM	Est. Qty.	Unit	Unit Price	SUNESIS		JURGENSEN	
						Total Price	Unit Price	Total Price	Unit Price
306	898	QC/QA concrete, class QSC2, superstructure (approach slab), (T=15"), as per plan	262	SY	\$158.60	\$41,553.20	\$225.00	\$58,950.00	
307	898	QC/QA concrete, class QSC2, superstructure (parapet)	62	CY	\$405.05	\$25,113.10	\$500.00	\$31,000.00	
308	898	QC/QA concrete, class QSC1, substructure (pier above footing)	26	CY	\$810.68	\$21,077.68	\$800.00	\$20,800.00	
309	898	QC/QA concrete, class QSC1, substructure (abutment)	53	CY	\$452.48	\$23,981.44	\$500.00	\$26,500.00	
310	898	QC/QA concrete, class QSC1, substructure (footing)	31	CY	\$265.10	\$8,218.10	\$350.00	\$10,850.00	
		INCIDENTALS							
311	614	Maintaining traffic	1	LS	\$47,355.00	\$47,355.00	\$169,545.13	\$169,545.13	
312	619	Field office, Type B	24	MNTH	\$1,133.00	\$27,192.00	\$1,180.52	\$28,332.48	
313	623	Construction layout stakes	1	LS	\$40,645.00	\$40,645.00	\$64,801.68	\$64,801.68	
314	624	Mobilization	1	LS	\$86,000.00	\$86,000.00	\$200,000.00	\$200,000.00	
		TOTAL BASE BID				\$9,256,826.79		\$9,272,347.14	
		ALTERNATE BID							
315	619	Field office, Type A	24	MNTH	\$914.88	\$21,957.12	\$781.65	\$18,759.60	
						\$21,957.12		\$18,759.60	

BID RESULTS - BY-PASS 4 Widening

Ref. No.	Item No.	ITEM	Est. Qty.	Unit	Unit Price	BARRETT	KELCHNER
						Total Price	Total Price
		ROADWAY					
1	201	Clearing and grubbing	1	LS	\$90,000.00	\$90,000.00	\$34,575.57
2	202	Headwall removed	8	EA	\$300.00	\$2,400.00	\$235.94
3	202	Pavement removed, asphalt	11,201	SY	\$10.00	\$112,010.00	\$1.79
4	202	Walk removed	1,259	SF	\$2.00	\$2,518.00	\$1.43
5	202	Concrete median removed	84	FT	\$8.00	\$672.00	\$8.86
6	202	Curb removed	96	FT	\$10.00	\$960.00	\$7.15
7	202	Curb and gutter removed	643	FT	\$10.00	\$6,430.00	\$6.81
8	202	Gutter removed	125	FT	\$10.00	\$1,250.00	\$6.11
9	202	Pipe removed, 24" and under	782	FT	\$10.00	\$7,820.00	\$20.45
10	202	Pipe removed, over 24"	442	FT	\$15.00	\$6,630.00	\$23.97
11	202	Guardrail removed	3,359	FT	\$1.25	\$4,198.75	\$2.26
12	202	Manhole removed	2	EA	\$300.00	\$600.00	\$761.01
13	202	Catch basin removed	9	EA	\$300.00	\$2,700.00	\$398.18
14	202	Fence removed	870	FT	\$2.00	\$1,740.00	\$2.33
15	202	Meter vault removed	1	EA	\$1,500.00	\$1,500.00	\$1,499.53
16	203	Excavation	17,451	CY	\$6.00	\$104,706.00	\$5.20
17	203	Embankment	175,887	CY	\$6.00	\$1,055,322.00	\$6.90
18	204	Subgrade compaction	27,387	SY	\$1.25	\$34,233.75	\$2.09
19	204	Excavation of subgrade	812	CY	\$6.00	\$4,872.00	\$7.01

BID RESULTS - BY-PASS 4 Widening

Ref. No.	Item No.	ITEM	Est. Qty.	Unit	Unit Price	BARRETT		KELCHNER	
						Total Price	Unit Price	Total Price	Unit Price
20	204	Granular material, Type B	812	CY	\$34.00	\$27,608.00	\$30.47	\$24,741.64	
21	204	Proof rolling	14	HR	\$125.00	\$1,750.00	\$123.57	\$1,729.98	
22	204	Geotextile fabric	2,437	SY	\$1.25	\$3,046.25	\$1.17	\$2,851.29	
23	206	Cement	937	Ton	\$94.60	\$88,640.20	\$109.34	\$102,451.58	
24	206	Curing coat, as per plan	27,025	SY	\$0.65	\$17,566.25	\$0.73	\$19,728.25	
25	206	Cement stabilized subgrade, 14" deep	27,025	SY	\$3.14	\$84,858.50	\$3.75	\$101,343.75	
26	206	Contractor designed chemically stabilized subgrade	1	LS	\$13,761.00	\$13,761.00	\$8,287.79	\$8,287.79	
27	606	Guardrail, Type 5	3,787.5	FT	\$11.50	\$43,556.25	\$13.87	\$52,532.63	
28	606	Anchor assembly, Type E-98	1	EA	\$1,750.00	\$1,750.00	\$2,066.43	\$2,066.43	
29	606	Anchor assembly, Type T	1	EA	\$580.00	\$580.00	\$629.87	\$629.87	
30	606	Bridge terminal assembly, Type 1	2	EA	\$1,050.00	\$2,100.00	\$1,337.10	\$2,674.20	
31	606	Bridge terminal assembly, Type 2	2	EA	\$350.00	\$700.00	\$198.91	\$397.82	
32	606	Impact attenuator, Type 1-98 (bi-directional)	4	EA	\$3,380.00	\$13,520.00	\$2,342.69	\$9,370.76	
33	622	Concrete barrier, single slope, Type B	2,320	FT	\$45.00	\$104,400.00	\$49.73	\$115,373.60	
34	622	Portable concrete barrier, 32"	620	FT	\$18.00	\$11,160.00	\$19.89	\$12,331.80	
35	622	Concrete barrier end section, Type B	2	EA	\$5,000.00	\$10,000.00	\$5,525.20	\$11,050.40	
36	622	Glare screen	620	FT	\$5.00	\$3,100.00	\$5.53	\$3,428.60	
37	626	Barrier reflector	29	EA	\$6.00	\$174.00	\$6.63	\$192.27	
38	Spec	Roadway, Misc.: Underground utilities, ODOT/government owned and maintained	1	LS	\$2,500.00	\$2,500.00	\$16,475.04	\$16,475.04	

BID RESULTS - BY-PASS 4 Widening

Ref. No.	Item No.	ITEM	Est. Qty.	Unit	Unit Price	BARRETT		KELCHNER	
						Total Price	Unit Price	Total Price	
39	Spec	Roadway, Misc.: 4"x8" brick pavers, Herringbone pattern	156	SY	\$125.00	\$19,500.00	\$103.25	\$16,107.00	
40	Spec	Mailbox support system, single	2	EA	\$125.00	\$250.00	\$181.87	\$363.74	
		EROSION CONTROL							
41	601	Riprap using 6" reinforced concrete slab	25	SY	\$150.00	\$3,750.00	\$53.62	\$1,340.50	
42	601	Tied concrete block mat, Type 1	12	SY	\$90.00	\$1,080.00	\$60.78	\$729.36	
43	601	Rock channel protection, Type A w/fabric filter	50	CY	\$75.00	\$3,750.00	\$70.97	\$3,548.50	
44	601	Rock channel protection, Type B w/fabric filter	22	CY	\$65.00	\$1,430.00	\$70.97	\$1,561.34	
45	601	Rock channel protection, Type C w/fabric filter	14	CY	\$60.00	\$840.00	\$79.55	\$1,113.70	
46	601	Paved gutter, Type 1-2	109	FT	\$44.00	\$4,796.00	\$35.61	\$3,881.49	
47	659	Soil analysis test	3	EA	\$25.00	\$75.00	\$27.63	\$82.89	
48	659	Seeding and mulching	142,968	SY	\$0.31	\$44,320.08	\$1.15	\$164,413.20	
49	659	Repair seeding and mulching	7,149	SY	\$0.31	\$2,216.19	\$0.29	\$2,073.21	
50	659	Inter-seeding	7,149	SY	\$0.01	\$71.49	\$0.27	\$1,930.23	
51	659	Commercial fertilizer	19.94	Ton	\$150.00	\$2,991.00	\$209.96	\$4,186.60	
52	659	Lime	29.54	Acre	\$1.00	\$29.54	\$33.15	\$979.25	
53	659	Water	946	MGal	\$0.01	\$9.46	\$1.11	\$1,050.06	
54	659	Mowing	322	MSF	\$0.01	\$3.22	\$2.32	\$747.04	
55	660	Sodding reinforced	323	SY	\$12.00	\$3,876.00	\$9.39	\$3,032.97	
56	670	Ditch erosion protection	601	SY	\$1.50	\$901.50	\$1.33	\$799.33	

BID RESULTS - BY-PASS 4 Widening

Ref. No.	Item No.	ITEM	Est. Qty.	Unit	Unit Price	BARRETT		KELCHNER	
						Total Price	Unit Price	Total Price	
57	832	Storm water pollution prevention plan	1	LS	\$36,000.00	\$36,000.00	\$4,972.69	\$4,972.69	
58	832	Erosion control	314,276	EA	\$1.00	\$314,276.00	\$1.05	\$329,989.80	
59	836	Seeding and erosion control w/turf reinforcing mat, Type 1	1,517	SY	\$6.00	\$9,102.00	\$3.43	\$5,203.31	
60	836	Seeding and erosion control w/turf reinforcing mat, Type 2	361	SY	\$10.00	\$3,610.00	\$4.64	\$1,675.04	
		DRAINAGE							
61	602	Concrete masonry	14.6	CY	\$900.00	\$13,140.00	\$1,383.68	\$20,201.73	
62	603	4" conduit, Type B, 707.33	259	FT	\$10.00	\$2,590.00	\$7.53	\$1,950.27	
63	603	6" conduit, Type F for underdrain outlets	859	FT	\$12.00	\$10,308.00	\$8.32	\$7,146.88	
64	603	6" conduit, Type C	4	FT	\$10.00	\$40.00	\$11.83	\$47.32	
65	603	8" conduit, Type C	20	FT	\$14.00	\$280.00	\$17.83	\$356.60	
66	603	12" conduit, Type B, 706.02	273	FT	\$45.00	\$12,285.00	\$36.01	\$9,830.73	
67	603	12" conduit, Type C, 706.02	426	FT	\$45.00	\$19,170.00	\$31.26	\$13,316.76	
68	603	12" conduit, Type D, 706.02	55	FT	\$45.00	\$2,475.00	\$31.38	\$1,725.90	
69	603	12" conduit, Type F, 707.05 Type C or 707.21	77	FT	\$45.00	\$3,465.00	\$35.99	\$2,771.23	
70	603	15" conduit, Type B, 706.02	12	FT	\$48.00	\$576.00	\$52.77	\$633.24	
71	603	15" conduit, Type C, 706.02	261	FT	\$48.00	\$12,528.00	\$33.28	\$8,686.08	
72	603	18" conduit, Type B, 706.02	65	FT	\$50.00	\$3,250.00	\$39.80	\$2,587.00	
73	603	18" conduit, Type C, 706.02	13	FT	\$50.00	\$650.00	\$48.62	\$632.06	
74	603	21" conduit, Type C, 706.02	8	FT	\$65.00	\$520.00	\$49.16	\$393.28	

BID RESULTS - BY-PASS 4 Widening

Ref. No.	Item No.	ITEM	Est. Qty.	Unit	Unit Price	BARRETT		KELCHNER	
						Total Price	Unit Price	Total Price	
75	603	24" conduit, Type B, 706.02	503	FT	\$64.00	\$32,192.00	\$45.50	\$22,886.50	
76	603	24" conduit, Type C, 706.02	359	FT	\$65.00	\$23,335.00	\$43.49	\$15,612.91	
77	603	30" conduit, Type A, 706.02	27	FT	\$72.00	\$1,944.00	\$89.28	\$2,410.56	
78	603	30" conduit, Type C, 706.02	228	FT	\$72.00	\$16,416.00	\$65.48	\$14,929.44	
79	603	33" conduit, Type A, 706.02	200	FT	\$90.00	\$18,000.00	\$73.40	\$14,680.00	
80	603	36" conduit, Type A, 706.02	83	FT	\$90.00	\$7,470.00	\$75.33	\$6,252.39	
81	603	36" conduit, Type B, 706.02	145	FT	\$90.00	\$13,050.00	\$95.95	\$13,912.75	
82	603	42" conduit, Type C, 706.02	4	FT	\$100.00	\$400.00	\$175.81	\$703.24	
83	603	48" conduit, Type A, 707.07	46	FT	\$110.00	\$5,060.00	\$133.08	\$6,121.68	
84	603	96" conduit, Type A, 707.03	83	FT	\$350.00	\$29,050.00	\$442.42	\$36,720.86	
85	603	34"x 53" conduit, Type C, 706.04	365	FT	\$165.00	\$60,225.00	\$125.57	\$45,833.05	
86	604	Catch basin, No. 3	5	EA	\$2,500.00	\$12,500.00	\$2,197.92	\$10,989.60	
87	604	Catch basin, No. 3A	6	EA	\$1,750.00	\$10,500.00	\$1,396.91	\$8,381.46	
88	604	Catch basin, No. 3A, as per plan	2	EA	\$2,000.00	\$4,000.00	\$2,816.33	\$5,632.66	
89	604	Catch basin, No. 5	3	EA	\$1,500.00	\$4,500.00	\$1,368.31	\$4,104.93	
90	604	Catch basin, No. 2-5	2	EA	\$3,500.00	\$7,000.00	\$2,061.26	\$4,122.52	
91	604	Inlet, No. 3B, as per plan	2	EA	\$4,600.00	\$9,200.00	\$4,588.31	\$9,176.62	
92	604	Manhole, No. 3	8	EA	\$3,800.00	\$30,400.00	\$1,772.83	\$14,182.64	
93	604	Precast reinforced concrete outlet	20	EA	\$150.00	\$3,000.00	\$193.01	\$3,860.20	
94	605	6" shallow pipe underdrains	13,461	FT	\$5.75	\$77,400.75	\$6.82	\$91,804.02	

BID RESULTS - BY-PASS 4 Widening

Ref. No.	Item No.	ITEM	Est. Qty.	Unit	Unit Price	BARRETT		KELCHNER	
						Total Price	Unit Price	Total Price	
95	605	6" unclassified pipe underdrains	750	FT	\$6.00	\$4,500.00	\$12.93	\$9,697.50	
96	605	6" base pipe underdrains	15,432	FT	\$5.75	\$88,734.00	\$6.82	\$105,246.24	
97	835	Exfiltration trench, Type A	56	FT	\$100.00	\$5,600.00	\$84.75	\$4,746.00	
98	835	Exfiltration trench, Type B	44	FT	\$100.00	\$4,400.00	\$74.15	\$3,262.60	
		PAVEMENT							
99	254	Pavement planing, asphalt concrete	11,918	SY	\$1.00	\$11,918.00	\$1.12	\$13,348.16	
100	301	Asphalt concrete base, PG64-22	1,203	CY	\$88.00	\$105,864.00	\$97.10	\$116,811.30	
101	302	Asphalt concrete base, PG64-22	8,474	CY	\$86.00	\$728,764.00	\$94.90	\$804,182.60	
102	304	Aggregate base	8,691	CY	\$36.00	\$312,876.00	\$32.27	\$280,458.57	
103	407	Tack coat	7,303	Gal.	\$1.75	\$12,780.25	\$1.95	\$14,240.85	
104	407	Tack coat for intermediate course	2,016	Gal.	\$1.75	\$3,528.00	\$1.95	\$3,931.20	
105	408	Prime coat	20,640	Gal.	\$2.50	\$51,600.00	\$2.79	\$57,585.60	
106	448	Asphalt concrete intermediate course, Type 2, PG64-28	3,331	CY	\$108.00	\$359,748.00	\$120.55	\$401,552.05	
107	448	Asphalt concrete surface course, Type 1H	4,070	CY	\$140.00	\$569,800.00	\$156.27	\$636,018.90	
108	452	8" non-reinforced concrete pavement	479	SY	\$36.00	\$17,244.00	\$39.78	\$19,054.62	
109	609	Combination curb and gutter, Type 2	3,041	FT	\$12.50	\$38,012.50	\$15.58	\$47,378.78	
110	609	Curb, Type 4-C	104	FT	\$17.00	\$1,768.00	\$20.55	\$2,137.20	
111	609	Curb, Type 6	349	FT	\$16.00	\$5,584.00	\$19.44	\$6,784.56	
112	617	Compacted aggregate	143	CY	\$62.00	\$8,866.00	\$39.43	\$5,638.49	

BID RESULTS - BY-PASS 4 Widening

Ref. No.	Item No.	ITEM	Est. Qty.	Unit	Unit Price	BARRETT		KELCHNER	
						Total Price	Unit Price	Total Price	
113	617	Shoulder preparation	1,719	SY	\$1.00	\$1,719.00	\$3.04	\$5,225.76	
114	Spec	Misc.: reinforcement mesh for longitudinal joints	5,064	FT	\$3.85	\$19,496.40	\$4.30	\$21,775.20	
		WATER WORKS							
115	638	30" steel pipe encasement, bored or jacked	130	FT	\$350.00	\$45,500.00	\$300.49	\$39,063.70	
116	638	16" butterfly valve and valve box	1	EA	\$4,800.00	\$4,800.00	\$3,870.98	\$3,870.98	
117	638	Fire hydrant adjusted to grade	2	EA	\$800.00	\$1,600.00	\$739.96	\$1,479.92	
118	638	Fire hydrant removed and reset	4	EA	\$1,500.00	\$6,000.00	\$913.31	\$3,653.24	
119	638	Valve box adjusted to grade	16	EA	\$200.00	\$3,200.00	\$184.79	\$2,956.64	
120	638	Water Work, Misc.: plug proposed pipe	2	EA	\$900.00	\$1,800.00	\$443.69	\$887.38	
121	638	Water Work, Misc.: 16" water main D.I. pipe ANSI class 55 w/polyethylene encasement	812	FT	\$120.00	\$97,440.00	\$74.88	\$60,802.56	
		SANITARY SEWER							
122	603	Conduit, bored or jacked: steel, 16"	120	FT	\$275.00	\$33,000.00	\$256.21	\$30,745.20	
123	603	Conduit, Misc.: 8", SDR-26	190	FT	\$70.00	\$13,300.00	\$53.78	\$10,218.20	
124	604	Manhole, No. 3	1	EA	\$2,200.00	\$2,200.00	\$2,904.87	\$2,904.87	
125	604	Manhole adjusted to grade	5	EA	\$300.00	\$1,500.00	\$595.89	\$2,979.45	
126	604	Manhole reconstructed to grade	2	EA	\$800.00	\$1,600.00	\$1,091.59	\$2,183.18	
		TRAFFIC CONTROL							

BID RESULTS - BY-PASS 4 Widening

Ref. No.	Item No.	ITEM	Est. Qty.	Unit	Unit Price	BARRETT		KELCHNER	
						Total Price	Unit Price	Total Price	
127	621	RPM, yellow/yellow	171	EA	\$15.65	\$2,676.15	\$16.11	\$2,754.81	
128	621	RPM, white	228	EA	\$15.65	\$3,568.20	\$17.29	\$3,942.12	
129	621	RPM, white/red	223	EA	\$15.65	\$3,489.95	\$17.29	\$3,855.67	
130	621	RPM, yellow/red	68	EA	\$15.65	\$1,064.20	\$17.29	\$1,175.72	
131	621	Raised pavement marker removed	500	EA	\$7.00	\$3,500.00	\$11.05	\$5,525.00	
132	625	Conduit, 2", 725.05	168	FT	\$4.00	\$672.00	\$3.74	\$628.32	
133	625	Ground rod	5	EA	\$154.00	\$770.00	\$108.07	\$540.35	
134	630	Ground mounted support, No. 3 post	1,139	FT	\$6.50	\$7,403.50	\$8.29	\$9,442.31	
135	630	Street name sign support, No. 3 post	42	FT	\$9.00	\$378.00	\$11.60	\$487.20	
136	630	Sign post reflector	6	EA	\$36.75	\$220.50	\$33.15	\$198.90	
137	630	Overhead sign support, Type TC-16.21, design 13	5	EA	\$7,850.00	\$39,250.00	\$9,517.52	\$47,587.60	
138	630	Sign flat sheet	537.9	SF	\$12.50	\$6,723.75	\$15.47	\$8,321.31	
139	630	Sign double faced, street name	6	EA	\$100.00	\$600.00	\$104.98	\$629.88	
140	630	Removal of ground mounted sign and disposal	86	EA	\$12.00	\$1,032.00	\$11.05	\$950.30	
141	630	Rigid overhead sign support foundation	5	EA	\$2,350.00	\$11,750.00	\$909.24	\$4,546.20	
142	630	Removal of ground mounted sign and reerection	2	EA	\$55.00	\$110.00	\$55.25	\$110.50	
143	630	Removal of ground mounted major sign and disposal	1	EA	\$67.00	\$67.00	\$93.93	\$93.93	
144	630	Removal of ground mounted post support and disposal	75	EA	\$12.00	\$900.00	\$16.58	\$1,243.50	
145	630	Removal of ground mounted beam support and disposal	2	EA	\$200.00	\$400.00	\$143.66	\$287.32	

BID RESULTS - BY-PASS 4 Widening

Ref. No.	Item No.	ITEM	Est. Qty.	Unit	Unit Price	BARRETT		KELCHNER	
						Total Price	Unit Price	Total Price	Unit Price
146	630	Removal of overhead sign support and disposal	2	EA	\$750.00	\$1,500.00	\$909.24	\$1,818.48	
147	642	Edge line	0.66	Mi.	\$1,000.00	\$660.00	\$1,105.05	\$729.33	
148	642	Lane line	0.12	Mi.	\$1,200.00	\$144.00	\$1,326.08	\$159.13	
149	642	Center line	0.18	Mi.	\$2,000.00	\$360.00	\$2,210.06	\$397.81	
150	642	Channelizing line	1,080	FT	\$0.42	\$453.60	\$0.46	\$496.80	
151	642	Lane arrow	7	EA	\$50.00	\$350.00	\$55.25	\$386.75	
152	642	Removal of pavement marking	2,146	FT	\$0.50	\$1,073.00	\$0.55	\$1,180.30	
153	644	Edge line	4.15	Mi.	\$1,500.00	\$6,225.00	\$1,657.56	\$6,878.87	
154	644	Lane line	2.67	Mi.	\$700.00	\$1,869.00	\$773.53	\$2,065.33	
155	644	Center line	2.21	Mi.	\$2,500.00	\$5,525.00	\$2,762.60	\$6,105.35	
156	644	Channelizing line	7,479	FT	\$0.90	\$6,731.10	\$0.99	\$7,404.21	
157	644	Stop line	596	FT	\$4.25	\$2,533.00	\$4.70	\$2,801.20	
158	644	Transverse/diagonal line	652	FT	\$4.00	\$2,608.00	\$4.42	\$2,881.84	
159	644	Island marking	241.1	SF	\$2.00	\$482.20	\$2.21	\$532.83	
160	644	Lane arrow	79	EA	\$60.00	\$4,740.00	\$66.30	\$5,237.70	
161	644	Word on pavement, 96", as per plan	18	EA	\$130.00	\$2,340.00	\$143.66	\$2,585.88	
162	644	Dotted line, 4"	961	FT	\$1.30	\$1,249.30	\$1.44	\$1,383.84	
		TRAFFIC SIGNALS							
163	625	Connector kit, Type II	51	EA	\$51.00	\$2,601.00	\$56.93	\$2,903.43	

BID RESULTS - BY-PASS 4 Widening

Ref. No.	Item No.	ITEM	Est. Qty.	Unit	Unit Price	BARRETT		KELCHNER	
						Total Price	Unit Price	Total Price	
164	625	Connector kit, Type III	51	EA	\$48.00	\$2,448.00	\$53.58	\$2,732.58	
165	625	Cable splicing kit	45	EA	\$44.00	\$1,980.00	\$49.11	\$2,209.95	
166	625	Bracket arm, 20'	11	EA	\$630.00	\$6,930.00	\$703.21	\$7,735.31	
167	625	No. 4 AWG 600 volt distribution cable	7,020	FT	\$1.33	\$9,336.60	\$1.48	\$10,389.60	
168	625	No. 10 AWG 600 volt distribution cable	3,004	FT	\$0.40	\$1,201.60	\$0.45	\$1,351.80	
169	625	No. 10 AWG pole and bracket cable	7,126	FT	\$0.40	\$2,850.40	\$0.45	\$3,206.70	
170	625	Conduit, 2", 725.05	1,365	FT	\$1.50	\$2,047.50	\$1.67	\$2,279.55	
171	625	Conduit, 3", 725.04	334	FT	\$12.75	\$4,258.50	\$14.23	\$4,752.82	
172	625	Conduit, 3", 725.05	317	FT	\$1.75	\$554.75	\$1.95	\$618.15	
173	625	Conduit, jacked or drilled, 725.04, 3"	909	FT	\$26.00	\$23,634.00	\$29.02	\$26,379.18	
174	625	Luminaire, conventional, 250 watt HPS, style B, Type III, 120 volt	11	EA	\$295.00	\$3,245.00	\$329.28	\$3,622.08	
175	625	Trench	2,016	FT	\$5.90	\$11,894.40	\$6.59	\$13,285.44	
176	625	Pull box, 725.08, 18"	24	EA	\$560.00	\$13,440.00	\$625.07	\$15,001.68	
177	625	Pull box, 725.08, 24"	1	EA	\$735.00	\$735.00	\$820.41	\$820.41	
178	625	Ground rod	15	EA	\$154.00	\$2,310.00	\$171.90	\$2,578.50	
179	630	Ground mounted support, No. 3 post	56	FT	\$7.50	\$420.00	\$6.59	\$369.04	
180	630	Sign hanger assembly, mast arm	47	EA	\$225.00	\$10,575.00	\$167.43	\$7,869.21	
181	630	Sign support assembly, pole mounted	18	EA	\$70.00	\$1,260.00	\$44.65	\$803.70	
182	630	Sign, flat sheet	89	SF	\$16.00	\$1,424.00	\$17.86	\$1,589.54	
183	631	Internally illuminated fixed message sign, LED, 1-way, as per plan	36	EA	\$2,390.00	\$86,040.00	\$2,667.73	\$96,038.28	

BID RESULTS - BY-PASS 4 Widening

Ref. No.	Item No.	ITEM	Est. Qty.	Unit	Unit Price	BARRETT		KELCHNER	
						Total Price	Unit Price	Total Price	
184	631	Internally illuminated fixed message sign, 2-way, (street name), as per plan	10	EA	\$2,490.00	\$24,900.00	\$2,779.35	\$27,793.50	
185	632	Vehicular signal head, (LED), 3-section, 12" lens, 1-way, w/backplate, polycarbonate, as per plan	12	EA	\$712.00	\$8,544.00	\$794.74	\$9,536.88	
186	632	Vehicular signal head, (LED), 5-section, 12" lens, 1-way, w/backplate, polycarbonate, as per plan	3	EA	\$1,075.00	\$3,225.00	\$1,199.92	\$3,599.76	
187	632	Vehicular signal head, (LED), 3-section, 12" lens, 1-way, polycarbonate, as per plan	12	EA	\$680.00	\$8,160.00	\$759.02	\$9,108.24	
188	632	Vehicular signal head, (LED), 5-section, 12" lens, 1-way, polycarbonate, as per plan	5	EA	\$1,065.00	\$5,325.00	\$1,188.76	\$5,943.80	
189	632	Covering of vehicular signal head	35	EA	\$19.00	\$665.00	\$21.21	\$742.35	
190	632	Messenger wire, 7 strand, 1/4" diameter w/accessories	146	FT	\$7.90	\$1,153.40	\$8.82	\$1,287.72	
191	632	Signal cable, 7 conductor, No. 14 AWG	4,241	FT	\$1.80	\$7,633.80	\$2.01	\$8,524.41	
192	632	Signal support foundation, as per plan	11	EA	\$2,890.00	\$31,790.00	\$3,225.83	\$35,484.13	
193	632	Power cable, 3 conductor, No. 6 AWG	400	FT	\$2.00	\$800.00	\$2.23	\$892.00	
194	632	Service cable, 3 conductor, No. 6 AWG	261	FT	\$1.00	\$261.00	\$1.12	\$292.32	
195	632	Power service, as per plan	4	EA	\$1,100.00	\$4,400.00	\$1,227.82	\$4,911.28	
196	632	Combination signal support, Type TC-81.21, design 11, as per plan	1	EA	\$6,285.00	\$6,285.00	\$7,015.33	\$7,015.33	
197	632	Combination signal support, Type TC-81.21, design 12, as per plan	1	EA	\$7,190.00	\$7,190.00	\$8,025.51	\$8,025.51	
198	632	Combination signal support, Type TC-81.21, design 13, as per plan	2	EA	\$8,575.00	\$17,150.00	\$9,571.43	\$19,142.86	
199	632	Combination signal support, Type TC-81.21, design 3, as per plan	1	EA	\$3,490.00	\$3,490.00	\$3,895.55	\$3,895.55	
200	632	Combination signal support, misc.: Installation only	4	EA	\$750.00	\$3,000.00	\$837.15	\$3,348.60	

BID RESULTS - BY-PASS 4 Widening

Ref. No.	Item No.	ITEM	Est. Qty.	Unit	Unit Price	BARRETT		KELCHNER	
						Total Price	Unit Price	Total Price	
201	632	Combination signal support, misc.: Type TC-81.21, design special, as per plan	2	EA	\$11,490.00	\$22,980.00	\$12,825.18	\$25,650.36	
202	632	Removal of traffic signal installation for storage, as per plan	3	EA	\$2,490.00	\$7,470.00	\$2,779.35	\$8,338.05	
203	632	Reuse of traffic control item, 10/100/1000 Ethernet switch, as per plan	2	EA	\$75.00	\$150.00	\$83.72	\$167.44	
204	632	Reuse of traffic control item, PTZ camera, as per plan	2	EA	\$490.00	\$980.00	\$546.94	\$1,093.88	
205	632	Reuse of vehicular signal head	3	EA	\$200.00	\$600.00	\$223.24	\$669.72	
206	633	Controller unit, Type TS2/A2, with cabinet, Type TS1, as per plan	4	EA	\$15,950.00	\$63,800.00	\$17,803.44	\$71,213.76	
207	633	Cabinet foundation	4	EA	\$690.00	\$2,760.00	\$770.18	\$3,080.72	
208	633	Controller work pad	4	EA	\$290.00	\$1,160.00	\$323.70	\$1,294.80	
209	633	Controller item, misc.: Advance/dilemma zone detection system, as per plan	2	EA	\$16,976.00	\$33,952.00	\$18,948.67	\$37,897.34	
210	633	System analysis, as per plan	1	LS	\$4,000.00	\$4,000.00	\$4,464.80	\$4,464.80	
211	633	Uninterruptible power supply (UPS), 1000 watt, as per plan	4	EA	\$5,980.00	\$23,920.00	\$6,674.90	\$26,699.60	
212	633	Controller item, misc.: Preemption system, as per plan	4	EA	\$6,750.00	\$27,000.00	\$7,534.37	\$30,137.48	
213	804	Splice enclosure	1	EA	\$375.00	\$375.00	\$418.58	\$418.58	
214	804	Fan-out kit, 6 fiber	4	EA	\$250.00	\$1,000.00	\$279.05	\$1,116.20	
215	804	Drop cable, 6 fiber	4	EA	\$25.00	\$100.00	\$27.91	\$111.64	
216	804	Fiber optic patch cord, 1 fiber	16	EA	\$10.00	\$160.00	\$11.16	\$178.56	
217	804	Termination panel, 6 fiber	4	EA	\$150.00	\$600.00	\$167.43	\$669.72	
218	804	Fusion splice	36	EA	\$50.00	\$1,800.00	\$55.81	\$2,009.16	
219	804	Slack installation	4	EA	\$55.00	\$220.00	\$61.39	\$245.56	

BID RESULTS - BY-PASS 4 Widening

Ref. No.	Item No.	ITEM	Est. Qty.	Unit	BARRETT		KELCHNER	
					Unit Price	Total Price	Unit Price	Total Price
220	804	Fiber optic connector	18	EA	\$15.00	\$270.00	\$16.74	\$301.32
221	804	Fiber optic cable testing, as per plan	1	LS	\$2,200.00	\$2,200.00	\$2,455.64	\$2,455.64
222	804	Fiber optic cable, misc.: reuse existing cable, as per plan	3	EA	\$750.00	\$2,250.00	\$837.15	\$2,511.45
223	816	Video detection system, as per plan	4	EA	\$19,175.00	\$76,700.00	\$21,403.20	\$85,612.80
		MAINTENANCE OF TRAFFIC						
224	410	Traffic compacted surface, Type A or B	50	CY	\$35.00	\$1,750.00	\$61.39	\$3,069.50
225	614	Law enforcement officer w/patrol car	40	HR	\$60.00	\$2,400.00	\$55.25	\$2,210.00
226	614	Work zone impact attenuator (bi-directional)	2	EA	\$2,250.00	\$4,500.00	\$2,342.69	\$4,685.38
227	614	Asphalt concrete for maintaining traffic	50	CY	\$100.00	\$5,000.00	\$204.43	\$10,221.50
228	614	Barrier reflector, Type B	171	EA	\$5.00	\$855.00	\$5.53	\$945.63
229	614	Object marker, one way	171	EA	\$10.00	\$1,710.00	\$11.05	\$1,889.55
230	614	Work zone lane line, Class I	0.44	Mi.	\$400.00	\$176.00	\$442.02	\$194.49
231	614	Work zone lane line, Class III, 642 paint	2.67	Mi.	\$300.00	\$801.00	\$331.51	\$885.13
232	614	Work zone center line, Class I	4.44	Mi.	\$800.00	\$3,552.00	\$884.03	\$3,925.09
233	614	Work zone center line, Class III, 642 paint	2.21	Mi.	\$700.00	\$1,547.00	\$773.53	\$1,709.50
234	614	Work zone edge line, Class I	6.29	Mi.	\$600.00	\$3,774.00	\$663.03	\$4,170.46
235	614	Work zone edge line, Class III, 642 paint	4.15	Mi.	\$500.00	\$2,075.00	\$552.52	\$2,292.96
236	614	Work zone channelizing line, Class I	5,240	FT	\$0.30	\$1,572.00	\$0.33	\$1,729.20
237	614	Work zone channelizing line, Class III, 642 paint	7,479	FT	\$0.30	\$2,243.70	\$0.33	\$2,468.07

BID RESULTS - BY-PASS 4 Widening

Ref. No.	Item No.	ITEM	Est. Qty.	Unit	Unit Price	BARRETT		KELCHNER	
						Total Price	Unit Price	Total Price	
238	614	Work zone dotted line, Class I	645	FT	\$0.30	\$193.50	\$0.33	\$212.85	
239	614	Work zone stop line, Class I	495	FT	\$2.25	\$1,113.75	\$2.49	\$1,232.55	
240	614	Work zone stop line, Class III, 642 paint	608	FT	\$2.25	\$1,368.00	\$2.49	\$1,513.92	
241	614	Work zone arrow, Class I	79	EA	\$32.00	\$2,528.00	\$35.36	\$2,793.44	
242	614	Work zone word on pavement, 96", Class I	1	EA	\$64.00	\$64.00	\$70.72	\$70.72	
243	615	Roads for maintaining traffic	1	LS	\$15,000.00	\$15,000.00	\$28,699.72	\$28,699.72	
244	615	Pavement for maintaining traffic, Class A	133	SY	\$58.00	\$7,714.00	\$69.24	\$9,208.92	
245	616	Water	400	MGal	\$5.00	\$2,000.00	\$25.34	\$10,136.00	
246	622	Portable concrete barrier, 32"	8,370	FT	\$12.50	\$104,625.00	\$13.81	\$115,589.70	
247	622	Portable concrete barrier, 32", as per plan	20	FT	\$17.50	\$350.00	\$19.34	\$386.80	
		STRUCTURES OVER 20 FOOT SPAN - LEFT STRUCTURE							
248	Spec	Settlement platform	2	EA	\$1,000.00	\$2,000.00	\$5,525.21	\$11,050.42	
249	503	Cofferdams, cribs and sheeting	1	LS	\$50,000.00	\$50,000.00	\$55,810.15	\$55,810.15	
250	503	Unclassified excavation	1	LS	\$50,000.00	\$50,000.00	\$55,810.15	\$55,810.15	
251	504	Steel sheet piling left in place	3,650	SF	\$22.00	\$80,300.00	\$24.56	\$89,644.00	
252	505	Pile driving equipment mobilization	1	LS	\$10,000.00	\$10,000.00	\$11,162.03	\$11,162.03	
253	507	12" cast-in-place reinforced concrete piles, driven	6,900	FT	\$7.00	\$48,300.00	\$7.81	\$53,889.00	
254	507	12" cast-in-place reinforced concrete piles, furnished	7,490	FT	\$29.00	\$217,210.00	\$32.37	\$242,451.30	
255	509	Epoxy coated reinforcing steel	203,570	LB	\$0.85	\$173,034.50	\$0.95	\$193,391.50	

BID RESULTS - BY-PASS 4 Widening

Ref. No.	Item No.	ITEM	Est. Qty.	Unit	Unit Price	BARRETT		KELCHNER	
						Total Price	Unit Price	Total Price	
256	510	Dowel holes w/non-shrink, non-metallic grout, as per plan	36	EA	\$30.00	\$1,080.00	\$33.49	\$1,205.64	
257	512	Sealing of concrete surfaces (epoxy-urethane)	501	SY	\$14.00	\$7,014.00	\$15.47	\$7,750.47	
258	513	Structural steel members, level 3	1	LS	\$292,000.00	\$292,000.00	\$325,931.32	\$325,931.32	
259	513	Welded stud shear connectors	4,338	EA	\$2.60	\$11,278.80	\$2.90	\$12,580.20	
260	514	Field painting structural steel, intermediate coat	1	LS	\$75,000.00	\$75,000.00	\$77,576.12	\$77,576.12	
261	514	Field painting structural steel, finish coat	1	LS	\$75,000.00	\$75,000.00	\$77,576.12	\$77,576.12	
262	516	Preformed expansion joint filler, misc.: variable thickness 2"-3"	30	SF	\$11.00	\$330.00	\$12.28	\$368.40	
263	516	Semi-integral abutment expansion joint seal, as per plan	140	FT	\$25.00	\$3,500.00	\$27.91	\$3,907.40	
264	516	Elastomeric bearing w/internal laminates and load plate (Neoprene), (3 5/8"x11"x16 1/2") as per plan	12	EA	\$800.00	\$9,600.00	\$892.96	\$10,715.52	
265	516	Elastomeric bearing w/internal laminates and load plate (Neoprene), (4 1/8"x13"x19") as per plan	12	EA	\$900.00	\$10,800.00	\$1,004.58	\$12,054.96	
266	518	Porous backfill w/filter fabric	100	CY	\$70.00	\$7,000.00	\$78.13	\$7,813.00	
267	518	6" perforated corrugated plastic pipe	170	FT	\$10.00	\$1,700.00	\$11.16	\$1,897.20	
268	518	6" non-perforated corrugated plastic pipe, including specials	24	FT	\$10.00	\$240.00	\$11.16	\$267.84	
269	523	Dynamic load testing	4	EA	\$3,000.00	\$12,000.00	\$3,348.61	\$13,394.44	
270	601	Crushed aggregate slope protection	675	SY	\$25.00	\$16,875.00	\$27.91	\$18,839.25	
271	607	Vandal protection fence, 6' straight, coated fabric	189	FT	\$52.00	\$9,828.00	\$58.04	\$10,969.56	
272	898	QC/QA concrete, class QSC2, superstructure (deck), as per plan	360	CY	\$540.00	\$194,400.00	\$602.75	\$216,990.00	

BID RESULTS - BY-PASS 4 Widening

Ref. No.	Item No.	ITEM	Est. Qty.	Unit	Unit Price	BARRETT		KELCHNER	
						Total Price	Unit Price	Total Price	
273	898	QC/QA concrete, class QSC2, superstructure (approach slab), (T=15"), as per plan	281	SY	\$225.00	\$63,225.00	\$251.15	\$70,573.15	
274	898	QC/QA concrete, class QSC2, superstructure (parapet)	62	CY	\$300.00	\$18,600.00	\$334.86	\$20,761.32	
275	898	QC/QA concrete, class QSC1, substructure (pier above footing)	257	CY	\$475.00	\$122,075.00	\$530.20	\$136,261.40	
276	898	QC/QA concrete, class QSC1, substructure (abutment)	128	CY	\$375.00	\$48,000.00	\$418.58	\$53,578.24	
277	898	QC/QA concrete, class QSC1, substructure (footing)	247	CY	\$240.00	\$59,280.00	\$267.89	\$66,168.83	
		STRUCTURES OVER 20 FOOT SPAN - RIGHT STRUCTURE							
278	202	Portions of structure removed, over 20 foot span, as per plan	1	LS	\$75,000.00	\$75,000.00	\$83,715.24	\$83,715.24	
279	202	Approach slab removed	170	SY	\$35.00	\$5,950.00	\$39.07	\$6,641.90	
280	503	Cofferdams, cribs and sheeting	1	LS	\$8,000.00	\$8,000.00	\$8,929.63	\$8,929.63	
281	503	Unclassified excavation	1	LS	\$15,000.00	\$15,000.00	\$16,743.05	\$16,743.05	
282	505	Pile driving equipment mobilization	1	LS	\$10,000.00	\$10,000.00	\$11,162.03	\$11,162.03	
283	507	12" cast-in-place reinforced concrete piles, driven	720	FT	\$7.00	\$5,040.00	\$7.81	\$5,623.20	
284	507	12" cast-in-place reinforced concrete piles, furnished	780	FT	\$30.00	\$23,400.00	\$33.49	\$26,122.20	
285	509	Epoxy coated reinforcing steel	122,356	LB	\$0.86	\$105,226.16	\$0.96	\$117,461.76	
286	510	Dowel holes w/non-shrink, non-metallic grout, as per plan	358	EA	\$10.00	\$3,580.00	\$11.16	\$3,995.28	
287	512	Sealing of concrete surfaces (epoxy-urethane)	503	SY	\$14.00	\$7,042.00	\$15.63	\$7,861.89	
288	512	Type 2 waterproofing	8	SY	\$20.00	\$160.00	\$22.33	\$178.64	

BID RESULTS - BY-PASS 4 Widening

Ref. No.	Item No.	ITEM	Est. Qty.	Unit	Unit Price	BARRETT		KELCHNER	
						Total Price	Unit Price	Total Price	
289	513	Welded stud shear connectors	4,014	EA	\$2.95	\$11,841.30	\$3.29	\$13,206.06	
290	514	Surface preparation of existing structural steel	1	LS	\$50,000.00	\$50,000.00	\$54,135.85	\$54,135.85	
291	514	Grinding fins, tears, slivers on existing structural steel	3	MNHR	\$100.00	\$300.00	\$106.04	\$318.12	
292	514	Field painting of damaged structural steel, as per plan	750	SF	\$100.00	\$75,000.00	\$89.30	\$66,975.00	
293	516	1" preformed expansion joint filler	80	SF	\$5.00	\$400.00	\$5.58	\$446.40	
294	516	Preformed expansion joint filler, misc.: variable thickness 2"-3"	30	SF	\$10.00	\$300.00	\$11.16	\$334.80	
295	516	Semi-integral abutment expansion joint seal, as per plan	130	FT	\$25.00	\$3,250.00	\$27.91	\$3,628.30	
296	516	Elastomeric bearing w/internal laminates and load plate (Neoprene), (3 5/8"x12"x14") as per plan	12	EA	\$1,000.00	\$12,000.00	\$1,116.20	\$13,394.40	
297	516	Elastomeric bearing w/internal laminates and load plate (Neoprene), (4 1/8"x14"x16 1/2") as per plan	12	EA	\$1,000.00	\$12,000.00	\$1,116.20	\$13,394.40	
298	516	Jacking and temporary support of superstructure, as per plan	1	LS	\$25,000.00	\$25,000.00	\$27,905.08	\$27,905.08	
299	518	Porous backfill w/filter fabric	58	CY	\$70.00	\$4,060.00	\$78.13	\$4,531.54	
300	518	6" perforated corrugated plastic pipe	38	FT	\$10.00	\$380.00	\$11.16	\$424.08	
301	518	6" non-perforated corrugated plastic pipe, including specials	24	FT	\$10.00	\$240.00	\$11.16	\$267.84	
302	523	Dynamic load testing	1	EA	\$3,000.00	\$3,000.00	\$3,348.61	\$3,348.61	
303	601	Crushed aggregate slope protection, as per plan	70	SY	\$30.00	\$2,100.00	\$33.49	\$2,344.30	
304	607	Vandal protection fence, 6' straight, coated fabric	189	FT	\$52.00	\$9,828.00	\$58.04	\$10,969.56	
305	898	QC/QA concrete, class QSC2, superstructure (deck), as per plan	340	CY	\$540.00	\$183,600.00	\$602.75	\$204,935.00	

BID RESULTS - BY-PASS 4 Widening

Ref. No.	Item No.	ITEM	Est. Qty.	Unit	Unit Price	BARRETT		KELCHNER	
						Total Price	Unit Price	Total Price	Unit Price
306	898	QC/QA concrete, class QSC2, superstructure (approach slab), (T=15"), as per plan	262	SY	\$225.00	\$58,950.00	\$251.15	\$65,801.30	
307	898	QC/QA concrete, class QSC2, superstructure (parapet)	62	CY	\$500.00	\$31,000.00	\$558.10	\$34,602.20	
308	898	QC/QA concrete, class QSC1, substructure (pier above footing)	26	CY	\$800.00	\$20,800.00	\$892.96	\$23,216.96	
309	898	QC/QA concrete, class QSC1, substructure (abutment)	53	CY	\$500.00	\$26,500.00	\$558.10	\$29,579.30	
310	898	QC/QA concrete, class QSC1, substructure (footing)	31	CY	\$350.00	\$10,850.00	\$390.67	\$12,110.77	
		INCIDENTALS							
311	614	Maintaining traffic	1	LS	\$405,850.00	\$405,850.00	\$80,498.06	\$80,498.06	
312	619	Field office, Type B	24	MNTH	\$1,500.00	\$36,000.00	\$1,059.00	\$25,416.00	
313	623	Construction layout stakes	1	LS	\$100,000.00	\$100,000.00	\$46,688.55	\$46,688.55	
314	624	Mobilization	1	LS	\$200,000.00	\$200,000.00	\$326,983.38	\$326,983.38	
		TOTAL BASE BID				\$9,435,125.44		\$9,858,157.78	
		ALTERNATE BID							
315	619	Field office, Type A	24	MNTH	\$1,350.00	\$32,400.00	\$1,059.00	\$25,416.00	
						\$32,400.00		\$25,416.00	