



CITY OF MILPITAS
ENGINEERING DEPARTMENT
BID SUMMARY

Project Name: Bridge Improvements
Project No.: 4271
Bid Date: 7/14/2016

		Engineer's Estimate				American Civil Constructors West Coast		Myers and Sons Construction LP		Peterson-Chase GEC Inc.	
ITEM		Qty.	UNIT	Unit Cost	Extension	Unit Cost	Extension	Unit Cost	Extension	Unit Cost	Extension
LOS COCHES ST. BRIDGE OVER BERRYESSA CREEK (BRIDGE NO. 37C0057)											
01	Mobilization	1	LS	\$ 1,000.00	\$1,000.00	\$4,050.35	\$4,050.35	\$2,000.00	\$2,000.00	\$540.00	\$540.00
02	Traffic and Ped. Control	1	LS	\$ 1,000.00	\$1,000.00	\$4,000.00	\$4,000.00	\$3,300.00	\$3,300.00	\$1,540.00	\$1,540.00
03	Public Safety Plan	1	LS	\$ 1,000.00	\$1,000.00	\$2,000.00	\$2,000.00	\$500.00	\$500.00	\$1,250.00	\$1,250.00
04	Portable Changeable Message Sign (2 per Bridge)	1	LS	\$ 400.00	\$400.00	\$1,000.00	\$1,000.00	\$300.00	\$300.00	\$590.00	\$590.00
05	Water Pollution Control Work	1	LS	\$ 200.00	\$200.00	\$500.00	\$500.00	\$300.00	\$300.00	\$192.00	\$192.00
06	Furnish Bridge Deck Treatment Material	35	GAL	\$ 60.00	\$2,100.00	\$65.00	\$2,275.00	\$61.00	\$2,135.00	\$57.00	\$1,995.00
07	Prepare Bridge Deck Surface	3,111	SF	\$ 0.30	\$933.30	\$0.50	\$1,555.50	\$0.35	\$1,088.85	\$0.26	\$808.86
08	Treat Bridge Deck	3,111	SF	\$ 0.40	\$1,244.40	\$1.00	\$3,111.00	\$0.85	\$2,644.35	\$0.44	\$1,368.84
09	Thermoplastic Centerline, Detail 1	79	LF	\$ 2.00	\$158.00	\$3.00	\$237.00	\$3.00	\$237.00	\$18.00	\$1,422.00
N. HILLVIEW DRIVE BRIDGE OVER BERRYESSA CREEK (BRIDGE NO. 37C0335)											
10	Mobilization	1	LS	\$ 1,200.00	\$1,200.00	\$4,000.00	\$4,000.00	\$2,000.00	\$2,000.00	\$540.00	\$540.00
11	Traffic and Ped. Control	1	LS	\$ 1,000.00	\$1,000.00	\$4,000.00	\$4,000.00	\$3,800.00	\$3,800.00	\$1,350.00	\$1,350.00
12	Portable Changeable Message Sign (2 per Bridge)	1	LS	\$ 400.00	\$400.00	\$1,000.00	\$1,000.00	\$300.00	\$300.00	\$600.00	\$600.00
13	Water Pollution Control Work	1	LS	\$ 200.00	\$200.00	\$500.00	\$500.00	\$300.00	\$300.00	\$192.00	\$192.00
14	Furnish Bridge Deck Treatment Material	76	GAL	\$ 60.00	\$4,560.00	\$65.00	\$4,940.00	\$61.00	\$4,636.00	\$56.00	\$4,256.00
15	Prepare Bridge Deck Surface	6,787	SF	\$ 0.30	\$2,036.10	\$0.50	\$3,393.50	\$0.30	\$2,036.10	\$0.26	\$1,764.62
16	Treat Bridge Deck	6,787	SF	\$ 0.40	\$2,714.80	\$1.00	\$6,787.00	\$0.75	\$5,090.25	\$0.45	\$3,054.15
17	Thermoplastic Centerline, Detail 22	136	LF	\$ 2.00	\$272.00	\$7.25	\$986.00	\$7.25	\$986.00	\$18.00	\$2,448.00
18	Lane Line, Detail 10	172	LF	\$ 1.50	\$258.00	\$2.65	\$455.80	\$2.65	\$455.80	\$10.80	\$1,857.60
19	Lane Drop Markings, Detail 37C	84	SF	\$ 4.00	\$336.00	\$8.00	\$672.00	\$8.00	\$672.00	\$30.00	\$2,520.00
YOSEMITE DRIVE BRIDGE OVER BERRYESSA CREEK (BRIDGE NO. 37C0232)											
20	Mobilization	1	LS	\$ 1,000.00	\$1,000.00	\$4,000.00	\$4,000.00	\$2,000.00	\$2,000.00	\$540.00	\$540.00
21	Traffic and Ped. Control	1	LS	\$ 1,000.00	\$1,000.00	\$4,000.00	\$4,000.00	\$3,500.00	\$3,500.00	\$860.00	\$860.00
22	Portable Changeable Message Sign (2 per Bridge)	1	LS	\$ 400.00	\$400.00	\$1,000.00	\$1,000.00	\$300.00	\$300.00	\$520.00	\$520.00
23	Water Pollution Control Work	1	LS	\$ 200.00	\$200.00	\$500.00	\$500.00	\$300.00	\$300.00	\$270.00	\$270.00
24	Furnish Bridge Deck Treatment Material	51	GAL	\$ 60.00	\$3,060.00	\$65.00	\$3,315.00	\$61.00	\$3,111.00	\$56.00	\$2,856.00
25	Prepare Bridge Deck Surface	4,544	SF	\$ 0.30	\$1,363.20	\$0.50	\$2,272.00	\$0.35	\$1,590.40	\$0.26	\$1,181.44
26	Treat Bridge Deck	4,544	SF	\$ 0.40	\$1,817.60	\$1.00	\$4,544.00	\$0.60	\$2,726.40	\$0.44	\$1,999.36
27	Thermoplastic Centerline, Detail 22	67	LF	\$ 2.00	\$134.00	\$7.25	\$485.75	\$8.00	\$536.00	\$18.00	\$1,206.00
28	Thermoplastic Right Edge Line, Detail 27B	134	LF	\$ 2.00	\$268.00	\$3.00	\$402.00	\$3.00	\$402.00	\$18.00	\$2,412.00
29	Lane Line, Detail 10	134	LF	\$ 1.50	\$201.00	\$2.65	\$355.10	\$2.65	\$355.10	\$10.80	\$1,447.20
AMES AVENUE BRIDGE OVER BERRYESSA CREEK (BRIDGE NO. 37C0233)											
30	Mobilization	1	LS	\$ 1,500.00	\$1,500.00	\$6,000.00	\$6,000.00	\$2,000.00	\$2,000.00	\$2,700.00	\$2,700.00
31	Traffic and Ped. Control	1	LS	\$ 3,000.00	\$3,000.00	\$6,000.00	\$6,000.00	\$10,000.00	\$10,000.00	\$6,000.00	\$6,000.00
32	Public Safety Plan	1	LS	\$ 1,000.00	\$1,000.00	\$2,000.00	\$2,000.00	\$500.00	\$500.00	\$1,240.00	\$1,240.00
33	Portable Changeable Message Sign (2 per Bridge)	1	LS	\$ 400.00	\$400.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$520.00	\$520.00

34	Water Pollution Control Work	1	LS	\$ 200.00	\$200.00	\$500.00	\$500.00	\$300.00	\$300.00	\$270.00	\$270.00
35	Furnish Bridge Deck Treatment Material	36	GAL	\$ 60.00	\$2,160.00	\$65.00	\$2,340.00	\$61.00	\$2,196.00	\$56.00	\$2,016.00
36	Remove Bridge Deck Asphalt Concrete Surfacing	3,161	SF	\$ 1.50	\$4,741.50	\$4.00	\$12,644.00	\$6.15	\$19,440.15	\$2.90	\$9,166.90
37	Prepare Bridge Deck Surface	3,161	SF	\$ 0.30	\$948.30	\$0.50	\$1,580.50	\$0.35	\$1,106.35	\$0.26	\$821.86
38	Treat Bridge Deck	3,161	SF	\$ 0.40	\$1,264.40	\$1.00	\$3,161.00	\$1.50	\$4,741.50	\$0.45	\$1,422.45
39	Thermoplastic Centerline, Detail 22	67	LF	\$ 2.00	\$134.00	\$7.25	\$485.75	\$7.25	\$485.75	\$18.00	\$1,206.00
40	Mill and Replace Asphalt Concrete Transitions	960	SF	\$ 10.00	\$9,600.00	\$10.00	\$9,600.00	\$53.00	\$50,880.00	\$20.00	\$19,200.00

MACHADO AVENUE BRIDGE OVER PENITENCIA CREEK (BRIDGE NO. 37C0437)

41	Mobilization	1	LS	\$ 1,000.00	\$1,000.00	\$4,000.00	\$4,000.00	\$2,000.00	\$2,000.00	\$540.00	\$540.00
42	Traffic and Ped. Control	1	LS	\$ 1,200.00	\$1,200.00	\$4,000.00	\$4,000.00	\$3,000.00	\$3,000.00	\$950.00	\$950.00
43	Portable Changeable Message Sign (2 per Bridge)	1	LS	\$ 400.00	\$400.00	\$1,000.00	\$1,000.00	\$300.00	\$300.00	\$520.00	\$520.00
44	Water Pollution Control Work	1	LS	\$ 200.00	\$200.00	\$1,000.00	\$1,000.00	\$300.00	\$300.00	\$270.00	\$270.00
45	Furnish Bridge Deck Treatment Material	21	GAL	\$ 60.00	\$1,260.00	\$65.00	\$1,365.00	\$61.00	\$1,281.00	\$56.00	\$1,176.00
46	Prepare Bridge Deck Surface	1,901	SF	\$ 0.30	\$570.30	\$0.50	\$950.50	\$0.45	\$855.45	\$0.26	\$494.26
47	Treat Bridge Deck	1,901	SF	\$ 0.40	\$760.40	\$1.00	\$1,901.00	\$1.35	\$2,566.35	\$0.45	\$855.45
48	Thermoplastic Centerline, Detail 22	45	LF	\$ 2.00	\$90.00	\$7.25	\$326.25	\$7.25	\$326.25	\$18.00	\$810.00
49	Thermoplastic Crosswalk	55	LF	\$ 4.00	\$220.00	\$8.00	\$440.00	\$8.00	\$440.00	\$18.00	\$990.00

NORTH MCCARTHY BLVD BRIDGE OVER COYOTE CREEK (BRIDGE NO. 37C0424)

50	Mobilization	1	LS	\$ 2,000.00	\$2,000.00	\$4,000.00	\$4,000.00	\$2,000.00	\$2,000.00	\$1,600.00	\$1,600.00
51	Traffic and Ped. Control	1	LS	\$ 2,500.00	\$2,500.00	\$4,000.00	\$4,000.00	\$6,500.00	\$6,500.00	\$2,600.00	\$2,600.00
52	Portable Changeable Message Sign (2 per Bridge)	1	LS	\$ 400.00	\$400.00	\$1,000.00	\$1,000.00	\$300.00	\$300.00	\$520.00	\$520.00
53	Water Pollution Control Work	1	LS	\$ 200.00	\$200.00	\$500.00	\$500.00	\$300.00	\$300.00	\$270.00	\$270.00
54	Furnish Bridge Deck Treatment Material	140	GAL	\$ 60.00	\$8,400.00	\$65.00	\$9,100.00	\$61.00	\$8,540.00	\$56.00	\$7,840.00
55	Prepare Bridge Deck Surface	13,450	SF	\$ 0.30	\$4,035.00	\$0.50	\$6,725.00	\$0.25	\$3,362.50	\$0.26	\$3,497.00
56	Treat Bridge Deck	13,450	SF	\$ 0.40	\$5,380.00	\$1.00	\$13,450.00	\$0.35	\$4,707.50	\$0.44	\$5,918.00
57	Lane Line, Detail 10	510	LF	\$ 1.50	\$765.00	\$3.00	\$1,530.00	\$3.00	\$1,530.00	\$10.80	\$5,508.00
58	Bike Lane Striping	255	LF	\$ 1.00	\$255.00	\$4.50	\$1,147.50	\$4.50	\$1,147.50	\$10.80	\$2,754.00
59	Replace Metal Beam Guard Rail	1	LS	\$ 8,000.00	\$8,000.00	\$7,500.00	\$7,500.00	\$3,000.00	\$3,000.00	\$2,800.00	\$2,800.00

NORTH ABBOTT AVE. BRIDGE OVER PENITENCIA CREEK (BRIDGE NO. 37C0433)

60	Mobilization	1	LS	\$ 1,000.00	\$1,000.00	\$4,000.00	\$4,000.00	\$2,000.00	\$2,000.00	\$540.00	\$540.00
61	Traffic and Ped. Control	1	LS	\$ 1,000.00	\$1,000.00	\$4,000.00	\$4,000.00	\$3,000.00	\$3,000.00	\$950.00	\$950.00
62	Public Safety Plan	1	LS	\$ 1,000.00	\$1,000.00	\$2,000.00	\$2,000.00	\$500.00	\$500.00	\$1,240.00	\$1,240.00
63	Portable Changeable Message Sign (2 per Bridge)	1	LS	\$ 400.00	\$400.00	\$1,000.00	\$1,000.00	\$300.00	\$300.00	\$520.00	\$520.00
64	Water Pollution Control Work	1	LS	\$ 200.00	\$200.00	\$500.00	\$500.00	\$300.00	\$300.00	\$270.00	\$270.00
65	Furnish Bridge Deck Treatment Material	22	GAL	\$ 60.00	\$1,320.00	\$65.00	\$1,430.00	\$61.00	\$1,342.00	\$56.00	\$1,232.00
66	Prepare Bridge Deck Surface	1,916	SF	\$ 0.30	\$574.80	\$0.50	\$958.00	\$0.45	\$862.20	\$0.26	\$498.16
67	Treat Bridge Deck	1,916	SF	\$ 0.40	\$766.40	\$1.00	\$1,916.00	\$1.30	\$2,490.80	\$0.44	\$843.04
68	Thermoplastic Centerline, Detail 22	48	LF	\$ 2.00	\$96.00	\$7.25	\$348.00	\$7.25	\$348.00	\$10.80	\$518.40

NORTH MILPITAS BLVD. BRIDGE OVER BERRYESSA CREEK (BRIDGE NO. 37C0758)

69	Mobilization (Max. 5% of Bridge Subtotal Base Bid)	1	LS	\$ 4,000.00	\$4,000.00	\$7,000.00	\$7,000.00	\$8,000.00	\$8,000.00	\$11,800.00	\$11,800.00
70	Traffic and Ped. Control (Max. 5% of Bridge Subtotal Base Bid)	1	LS	\$ 3,000.00	\$3,000.00	\$7,000.00	\$7,000.00	\$8,000.00	\$8,000.00	\$9,300.00	\$9,300.00
71	Public Safety Plan	1	LS	\$ 1,000.00	\$1,000.00	\$2,000.00	\$2,000.00	\$500.00	\$500.00	\$3,300.00	\$3,300.00
72	Portable Changeable Message Sign (2 per Bridge)	1	LS	\$ 400.00	\$400.00	\$1,000.00	\$1,000.00	\$1,500.00	\$1,500.00	\$490.00	\$490.00
73	Water Pollution Control Work	1	LS	\$ 200.00	\$200.00	\$500.00	\$500.00	\$300.00	\$300.00	\$270.00	\$270.00
74	Mill 1" of Concrete Bridge Deck Surface	9,774	SF	\$ 6.00	\$58,644.00	\$1.75	\$17,104.50	\$1.60	\$15,638.40	\$2.50	\$24,435.00
75	Furnish Bridge Deck Treatment Material	178	GAL	\$ 60.00	\$10,680.00	\$25.00	\$4,450.00	\$61.00	\$10,858.00	\$55.00	\$9,790.00
76	Clean and Treat Bridge Deck	9,774	SF	\$ 0.40	\$3,909.60	\$0.25	\$2,443.50	\$0.30	\$2,932.20	\$0.30	\$2,932.20
77	Furnish Polyester Concrete Overlay	815	CF	\$ 60.00	\$48,900.00	\$80.00	\$65,200.00	\$95.00	\$77,425.00	\$113.00	\$92,095.00
78	Place 1" Polyester Concrete Overlay	9,774	SF	\$ 4.00	\$39,096.00	\$2.50	\$24,435.00	\$2.10	\$20,525.40	\$1.60	\$15,638.40
79	Lane Line, Detail 10	264	LF	\$ 1.50	\$396.00	\$3.00	\$792.00	\$3.00	\$792.00	\$10.80	\$2,851.20

80	Bike Lane Striping	528	LF	\$ 1.00	\$528.00	\$4.50	\$2,376.00	\$4.50	\$2,376.00	\$10.80	\$5,702.40
81	Type B Joint Seal at Abutments (MR 1")	192	LF	\$ 40.00	\$7,680.00	\$65.00	\$12,480.00	\$70.50	\$13,536.00	\$61.00	\$11,712.00

NORTH ABEL ST BRIDGE OVER BERRYESSA CREEK (BRIDGE NO. 37C0206)

82	Mobilization (Max. 5% of Bridge Subtotal Base Bid)	1	LS	\$ 10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$15,000.00	\$15,000.00	\$32,000.00	\$32,000.00
83	Traffic and Ped. Control (Max. 5% of Bridge Subtotal Base Bid)	1	LS	\$ 5,000.00	\$5,000.00	\$10,000.00	\$10,000.00	\$20,000.00	\$20,000.00	\$22,300.00	\$22,300.00
84	Public Safety Plan	1	LS	\$ 2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$500.00	\$500.00	\$4,500.00	\$4,500.00
85	Portable Changeable Message Sign (2 per Bridge)	1	LS	\$ 400.00	\$400.00	\$1,000.00	\$1,000.00	\$2,750.00	\$2,750.00	\$1,460.00	\$1,460.00
86	Water Pollution Control Work	1	LS	\$ 200.00	\$200.00	\$500.00	\$500.00	\$300.00	\$300.00	\$270.00	\$270.00
87	Mill 1" of Concrete Bridge Deck Surface	27,011	SF	\$ 6.00	\$162,066.00	\$1.25	\$33,763.75	\$1.25	\$33,763.75	\$2.25	\$60,774.75
88	Furnish Bridge Deck Treatment Material	491	GAL	\$ 60.00	\$29,460.00	\$25.00	\$12,275.00	\$61.00	\$29,951.00	\$55.00	\$27,005.00
89	Clean and Treat Bridge Deck	27,011	SF	\$ 0.40	\$10,804.40	\$0.25	\$6,752.75	\$0.25	\$6,752.75	\$0.28	\$7,563.08
90	Furnish Polyester Concrete Overlay	2,251	CF	\$ 60.00	\$135,060.00	\$80.00	\$180,080.00	\$95.00	\$213,845.00	\$116.00	\$261,116.00
91	Place 1" Polyester Concrete Overlay	27,011	SF	\$ 4.00	\$108,044.00	\$2.00	\$54,022.00	\$1.50	\$40,516.50	\$1.66	\$44,838.26
92	Type 2 Joint Seal at Hinges 1&2 (MR 2")	142	LF	\$ 80.00	\$11,360.00	\$75.00	\$10,650.00	\$129.50	\$18,389.00	\$123.00	\$17,466.00
93	Type B Joint Seal at Abutments (MR1)	142	LF	\$ 40.00	\$5,680.00	\$75.00	\$10,650.00	\$85.50	\$12,141.00	\$85.00	\$12,070.00
94	Lane Line, Detail 10	900	LF	\$ 1.50	\$1,350.00	\$3.00	\$2,700.00	\$3.00	\$2,700.00	\$10.80	\$9,720.00
95	Bike Lane Striping	900	LF	\$ 1.00	\$900.00	\$4.50	\$4,050.00	\$4.50	\$4,050.00	\$10.80	\$9,720.00
96	Bike Lane Pavement Marking	42	SF	\$ 4.00	\$168.00	\$8.00	\$336.00	\$8.00	\$336.00	\$30.00	\$1,260.00
97	Remove and Replace Bridge Approach Concrete Gutter	1	LS	\$ 9,000.00	\$9,000.00	\$7,500.00	\$7,500.00	\$10,000.00	\$10,000.00	\$7,100.00	\$7,100.00

PASEO REFUGIO BRIDGE OVER TULARCITOS CREEK (BRIDGE NO. 37C0334)

98	Mobilization (Max. 5% of Bridge Subtotal Base Bid)	1	LS	\$ 2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,500.00	\$2,500.00	\$2,700.00	\$2,700.00
99	Traffic and Ped. Control (Max. 5% of Bridge Subtotal Base Bid)	1	LS	\$ 1,500.00	\$1,500.00	\$2,000.00	\$2,000.00	\$2,500.00	\$2,500.00	\$3,960.00	\$3,960.00
100	Public Safety Plan	1	LS	\$ 1,000.00	\$1,000.00	\$2,000.00	\$2,000.00	\$500.00	\$500.00	\$630.00	\$630.00
101	Portable Changeable Message Sign (2 per Bridge)	1	LS	\$ 400.00	\$400.00	\$1,000.00	\$1,000.00	\$750.00	\$750.00	\$244.00	\$244.00
102	Water Pollution Control Work	1	LS	\$ 200.00	\$200.00	\$500.00	\$500.00	\$300.00	\$300.00	\$270.00	\$270.00
103	Mill 1" of Concrete Bridge Deck Surface	1,720	SF	\$ 6.00	\$10,320.00	\$3.50	\$6,020.00	\$5.50	\$9,460.00	\$5.00	\$8,600.00
104	Furnish Bridge Deck Treatment Material	31	GAL	\$ 60.00	\$1,860.00	\$25.00	\$775.00	\$61.00	\$1,891.00	\$55.00	\$1,705.00
105	Clean and Treat Bridge Deck	1,720	SF	\$ 0.40	\$688.00	\$0.25	\$430.00	\$0.50	\$860.00	\$0.60	\$1,032.00
106	Furnish Polyester Concrete Overlay	143	CF	\$ 60.00	\$8,580.00	\$90.00	\$12,870.00	\$95.00	\$13,585.00	\$170.00	\$24,310.00
107	Place 1" Polyester Concrete Overlay	1,720	SF	\$ 4.00	\$6,880.00	\$9.00	\$15,480.00	\$12.00	\$20,640.00	\$3.20	\$5,504.00
108	Thermoplastic Centerline, Detail 1	43	LF	\$ 2.00	\$86.00	\$3.00	\$129.00	\$3.00	\$129.00	\$10.80	\$464.40

TOTAL	\$802,837.50	\$728,000.00	\$820,344.55	\$891,567.28
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Apparent Lowest Bidder

List of Subcontractors	American Civil Constructors West Coast	Myers and Sons Construction LP	Peterson-Chase GEC, Inc.
Striping Work Mill Deck Surface, Remove AC surface, Replace AC Prepare Bridge Deck Surfaces	Chrisp Company	Chrisp Company ABSL Construction Heir & Son Construction	ABSL Construction