

2016 Annual Pavement Maintenance Project					
Engineers Estimate				\$2,100,000	
May 2, 2016					
AMERICAN PAVEMENT SYSTEMS - MODESTO, CA					
ITEM NO.	ITEM DESCRIPTION	BID QTY	UNIT	UNIT PRICE	TOTAL
<b>PRIMARY BID</b>					
<b>Pavement Section # 4</b>					
<b>[Project Initiation]</b>					
1	Mobilization / Demobilization	1	LS	\$ 25,000.00	\$ 25,000.00
2	Construction Signs & Traffic Control	1	LS	\$ 30,800.00	\$ 30,800.00
3	Resident and Business Notification	1	LS	\$ 5,000.00	\$ 5,000.00
4	Flagging	1	LS	\$ 20,000.00	\$ 20,000.00
5	Submittals	1	LS	\$ 1,000.00	\$ 1,000.00
6	Staging Area	1	LS	\$ 1,000.00	\$ 1,000.00
7	Lead Compliance Plan	1	LS	\$ 1,500.00	\$ 1,500.00
8	Water Pollution Control	1	LS	\$ 2,500.00	\$ 2,500.00
9	Manteca Water Reduction Act Coordination	1	LS	\$ 4,000.00	\$ 4,000.00
10	Manteca Water Reduction Act Training	1	LS	\$ 1,000.00	\$ 1,000.00
11	Survey Monument Preservation	1	LS	\$ 10,000.00	\$ 10,000.00
12	Insurance Coordination	1	LS	\$ 1,000.00	\$ 1,000.00
13	Punch List Inspection	1	LS	\$ 1,000.00	\$ 1,000.00
14	Final Inspection & Project Closeout	1	LS	\$ 1,000.00	\$ 1,000.00
<b>[Primary Tasks]</b>					
15	AC Digout and Replace (0.4' depth)	3,300	TON	\$ 126.00	\$ 415,800.00
16	Asphalt Rubber Cape Seal	52,000	SY	\$ 3.50	\$ 182,000.00
17	Type 2 Microsurfacing	378,000	SY	\$ 1.13	\$ 427,140.00
18	Replace Traffic Loops	10	EA	\$ 800.00	\$ 8,000.00
19	Traffic Signal Coordination	1	LS	\$ 1,000.00	\$ 1,000.00
20	Post Slurry Seal Street Sweeping	1	LS	\$ 3,500.00	\$ 3,500.00
<b>[Striping and Markers]</b>					
21	Striping and Marker Placement Coordination	1	LS	\$ 1,000.00	\$ 1,000.00
22	Fire Hydrant Marker	200	EA	\$ 13.65	\$ 2,730.00
23	Stop Legend With Limit Line	200	EA	\$ 157.50	\$ 31,500.00
24	Slow School Xing Legend	40	EA	\$ 315.00	\$ 12,600.00
25	Bike Lane Legend	120	EA	\$ 58.00	\$ 6,960.00
26	Arrow	140	EA	\$ 59.00	\$ 8,260.00
27	Striping - Bike Lane	31,400	LF	\$ 0.70	\$ 21,980.00
28	Striping Detail 2	18,800	LF	\$ 0.26	\$ 4,888.00
29	Striping Detail 8	12,700	LF	\$ 0.21	\$ 2,667.00
30	Striping Detail 22	6,400	LF	\$ 1.30	\$ 8,320.00
31	Striping Detail 38	4,100	LF	\$ 1.05	\$ 4,305.00
32	Striping Detail 27B	12,700	LF	\$ 0.42	\$ 5,334.00
33	Striping Detail 31	14,100	LF	\$ 1.05	\$ 14,805.00
34	Removal of Temporary Striping and Markings	1	LS	\$ 27,000.00	\$ 27,000.00
<b>[Utility Adjustments]</b>					
35	Utility Adjustment Coordination	1	LS	\$ 2,000.00	\$ 2,000.00
36	Adjust Manhole Frame & Cover	110	EA	\$ 630.00	\$ 69,300.00
37	Adjust Water Valve Frame & Cover	110	EA	\$ 630.00	\$ 69,300.00
38	Install New Survey Monument Box To Grade	10	EA	\$ 265.00	\$ 2,650.00
39	Adjust Monument Frame & Cover	20	EA	\$ 630.00	\$ 12,600.00

<b>[Traffic Safety Items]</b>					
40	Traffic Calming Coordination	1	LS	\$ 1,000.00	\$ 1,000.00
41	Centerline System Type 2	4000	LF	\$ 0.95	\$ 3,800.00
42	Intersection Type 2	2	LS	\$ 125.00	\$ 250.00
43	T-Intersection Type 2	6	EA	\$ 125.00	\$ 750.00
44	Type D Yellow Retroreflective Marker	400	EA	\$ 4.20	\$ 1,680.00
45	Type AY Yellow Non Retroreflective Marker	1750	EA	\$ 3.15	\$ 5,512.50
46	Yellow Stripe 4"	8000	LF	\$ 0.42	\$ 3,360.00
47	White Crosswalk	6,800	SQFT	\$ 2.60	\$ 17,680.00
48	Yellow Crosswalk	13,500	SQFT	\$ 2.60	\$ 35,100.00
<b>[Alleyway Improvemets]</b>					
49	Alleyway Improvement Coordination	1	LS	\$ 2,000.00	\$ 2,000.00
50	Alleyway Clearing and Grubbing	1	LS	\$ 19,000.00	\$ 19,000.00
51	Alleyway Waste Disposal	200	TON	\$ 10.50	\$ 2,100.00
52	Alleyway Green Waste Disposal	80	TON	\$ 10.50	\$ 840.00
53	Alleyway Excavation and Disposal	1,600	CY	\$ 26.25	\$ 42,000.00
54	Place Asphalt Grindings (Alleyways)	3,200	TON	\$ 15.75	\$ 50,400.00
55	Disposal Site Coordination	1	LS	\$ 4,200.00	\$ 4,200.00
56	Disposal Site Clean Up	1	LS	\$ 4,200.00	\$ 4,200.00
<b>BID TOTAL:</b>					<b>\$ 1,644,311.50</b>

**BID ALTERNATE #1**

Engineers Estimate \$1,075,000

**Pavement Section # 1****[Primary Tasks]**

57	AC Digout and Replace (0.4' depth)	2,700	TON	\$	132.00	\$	356,400.00
58	Asphalt Rubber Cape Seal	50,000	SY	\$	4.50	\$	225,000.00
59	Type 2 Microsurfacing	183,000	SY	\$	1.33	\$	243,390.00
60	Replace Traffic Loops	8	EA	\$	800.00	\$	6,400.00
61	Traffic Signal Coordination	1	LS	\$	1,000.00	\$	1,000.00
62	Post Slurry Seal Street Sweeping	1	LS	\$	3,500.00	\$	3,500.00

**[Striping and Markers]**

63	Striping and Marker Placement Coordination	1	LS	\$	1,000.00	\$	1,000.00
64	Fire Hydrant Marker	100	EA	\$	13.65	\$	1,365.00
65	Stop Legend With Limit Line	100	EA	\$	158.00	\$	15,800.00
66	Slow School Xing Legend	20	EA	\$	315.00	\$	6,300.00
67	Bike Lane Legend	50	EA	\$	58.00	\$	2,900.00
68	Arrow	60	EA	\$	59.00	\$	3,540.00
69	White Crosswalk	3,300	SQFT	\$	2.60	\$	8,580.00
70	Yellow Crosswalk	6,500	SQFT	\$	2.60	\$	16,900.00
71	Striping - Bike Lane	14,000	LF	\$	0.70	\$	9,800.00
72	Striping Detail 2	8,400	LF	\$	0.26	\$	2,184.00
73	Striping Detail 8	6,000	LF	\$	0.21	\$	1,260.00
74	Striping Detail 22	2,800	LF	\$	1.30	\$	3,640.00
75	Striping Detail 38	1,800	LF	\$	1.05	\$	1,890.00
76	Striping Detail 27B	5,500	LF	\$	0.42	\$	2,310.00
77	Striping Detail 31	6,000	LF	\$	1.05	\$	6,300.00
78	Removal of Temporary Striping and Markings	1	LS	\$	18,000.00	\$	18,000.00

**[Utility Adjustments]**

79	Utility Adjustment Coordination	1	LS	\$	1,500.00	\$	1,500.00
80	Adjust Manhole Frame & Cover	110	EA	\$	630.00	\$	69,300.00
81	Adjust Water Valve Frame & Cover	110	EA	\$	630.00	\$	69,300.00
82	Install New Survey Monument Box To Grade	10	EA	\$	265.00	\$	2,650.00
83	Adjust Monument Frame & Cover	20	EA	\$	630.00	\$	12,600.00

BID TOTAL:

\$ 1,092,809.00

**BID ALTERNATE #2**

Engineers Estimate \$550,000

**Pavement Section # 2****[Primary Tasks]**

84	AC Digout and Replace (0.4' depth)	900	TON	\$	147.00	\$	132,300.00
85	Asphalt Rubber Cape Seal	55,000	SY	\$	4.50	\$	247,500.00
86	Type 2 Microsurfacing	55,000	SY	\$	1.40	\$	77,000.00
87	Replace Traffic Loops	20	EA	\$	800.00	\$	16,000.00
88	Traffic Signal Coordination	1	LS	\$	1,000.00	\$	1,000.00
89	Post Slurry Seal Street Sweeping	1	LS	\$	3,500.00	\$	3,500.00

**[Striping and Markers]**

90	Striping and Marker Placement Coordination	1	LS	\$	1,000.00	\$	1,000.00
91	Fire Hydrant Marker	30	EA	\$	14.00	\$	420.00
92	Stop Legend With Limit Line	30	EA	\$	158.00	\$	4,740.00
93	Slow School Xing Legend	10	EA	\$	315.00	\$	3,150.00
94	Bike Lane Legend	20	EA	\$	58.00	\$	1,160.00
95	Arrow	20	EA	\$	59.00	\$	1,180.00
96	White Crosswalk	900	SQFT	\$	2.60	\$	2,340.00
97	Yellow Crosswalk	1,800	SQFT	\$	2.60	\$	4,680.00
98	Striping - Bike Lane	3,400	LF	\$	0.70	\$	2,380.00
99	Striping Detail 2	2,000	LF	\$	0.26	\$	520.00
100	Striping Detail 8	1,500	LF	\$	0.21	\$	315.00
101	Striping Detail 22	800	LF	\$	1.30	\$	1,040.00
102	Striping Detail 38	500	LF	\$	1.05	\$	525.00
103	Striping Detail 27B	1,500	LF	\$	0.42	\$	630.00
104	Striping Detail 31	1,600	LF	\$	1.05	\$	1,680.00
105	Removal of Temporary Striping and Markings	1	LS	\$	6,200.00	\$	6,200.00

**[Utility Adjustments]**

106	Utility Adjustment Coordination	1	LS	\$	1,500.00	\$	1,500.00
107	Adjust Manhole Frame & Cover	40	EA	\$	630.00	\$	25,200.00
108	Adjust Water Valve Frame & Cover	40	EA	\$	630.00	\$	25,200.00
109	Install New Survey Monument Box To Grade	10	EA	\$	265.00	\$	2,650.00
110	Adjust Monument Frame & Cover	10	EA	\$	630.00	\$	6,300.00

BID TOTAL:

\$ 570,110.00

<b>BID ALTERNATE #3</b>					
Engineers Estimate \$550,000					
<b>Pavement Section # 3</b>					
<b>[Primary Tasks]</b>					
111	AC Digout and Replace (0.4' depth)	1,500	TON	\$ 136.00	\$ 204,000.00
112	Asphalt Rubber Cape Seal	12,000	SY	\$ 7.00	\$ 84,000.00
113	Type 2 Microsurfacing	75,000	SY	\$ 1.53	\$ 114,750.00
114	Replace Traffic Loops	20	EA	\$ 800.00	\$ 16,000.00
115	Traffic Signal Coordination	1	LS	\$ 1,000.00	\$ 1,000.00
116	Post Slurry Seal Street Sweeping	1	LS	\$ 3,500.00	\$ 3,500.00
<b>[Striping and Markers]</b>					
117	Striping and Marker Placement Coordination	1	LS	\$ 1,000.00	\$ 1,000.00
118	Fire Hydrant Marker	40	EA	\$ 13.65	\$ 546.00
119	Stop Legend With Limit Line	40	EA	\$ 158.00	\$ 6,320.00
120	Slow School Xing Legend	10	EA	\$ 315.00	\$ 3,150.00
121	Bike Lane Legend	20	EA	\$ 58.00	\$ 1,160.00
122	Arrow	30	EA	\$ 59.00	\$ 1,770.00
123	White Crosswalk	1,500	SQFT	\$ 2.60	\$ 3,900.00
124	Yellow Crosswalk	3,000	SQFT	\$ 2.60	\$ 7,800.00
125	Striping - Bike Lane	5,600	LF	\$ 0.70	\$ 3,920.00
126	Striping Detail 2	3,000	LF	\$ 0.26	\$ 780.00
127	Striping Detail 8	3,000	LF	\$ 0.21	\$ 630.00
128	Striping Detail 22	1,200	LF	\$ 1.30	\$ 1,560.00
129	Striping Detail 38	800	LF	\$ 1.05	\$ 840.00
130	Striping Detail 27B	2,400	LF	\$ 0.42	\$ 1,008.00
131	Striping Detail 31	2,500	LF	\$ 1.05	\$ 2,625.00
132	Removal of Temporary Striping and Markings	1	LS	\$ 6,200.00	\$ 6,200.00
<b>[Utility Adjustments]</b>					
133	Utility Adjustment Coordination	1	LS	\$ 2,000.00	\$ 2,000.00
134	Adjust Manhole Frame & Cover	30	EA	\$ 630.00	\$ 18,900.00
135	Adjust Water Valve Frame & Cover	30	EA	\$ 630.00	\$ 18,900.00
136	Install New Survey Monument Box To Grade	10	EA	\$ 265.00	\$ 2,650.00
137	Adjust Monument Frame & Cover	10	EA	\$ 630.00	\$ 6,300.00
<b>BID TOTAL:</b>					\$ 515,209.00

<b>BID ALTERNATE #4</b>					
Engineers Estimate \$215,000					
<b>Northgate Parking Lot</b>					
<b>[Northgate Parking Lot Improvemets]</b>					
138	Northgate Parking Lot Coordination	1	LS	\$ 15,000.00	\$ 15,000.00
139	Parking Lot AC Digout and Replace (0.4' depth)	2000	TON	\$ 132.00	\$ 264,000.00
140	Parking Lot Striping (Temporary)	1	LS	\$ 2,200.00	\$ 2,200.00
141	Parking Lot Striping (Thermoplastic)	1	LS	\$ 3,600.00	\$ 3,600.00
142	International Symbol of Accessibility Marking	8	EA	\$ 265.00	\$ 2,120.00
<b>BID TOTAL:</b>					\$ 286,920.00

**2016 Annual Pavement Maintenance Project**

Engineers Estimate \$2,100,000

May 2, 2016

**TELFER PAVEMENT TECHNOLOGIES, LLC - MCCLELLAN, CA**

<b>ITEM NO.</b>	<b>ITEM DESCRIPTION</b>	<b>BID QTY</b>	<b>UNIT</b>	<b>UNIT PRICE</b>	<b>TOTAL</b>
<b>PRIMARY BID</b>					
<b>Pavement Section # 4</b>					
<b>[Project Initiation]</b>					
1	Mobilization / Demobilization	1	LS	\$ 25,000.00	\$ 25,000.00
2	Construction Signs & Traffic Control	1	LS	\$ 85,000.00	\$ 85,000.00
3	Resident and Business Notification	1	LS	\$ 10,000.00	\$ 10,000.00
4	Flagging	1	LS	\$ 45,000.00	\$ 45,000.00
5	Submittals	1	LS	\$ 2,500.00	\$ 2,500.00
6	Staging Area	1	LS	\$ 2,500.00	\$ 2,500.00
7	Lead Compliance Plan	1	LS	\$ 1,500.00	\$ 1,500.00
8	Water Pollution Control	1	LS	\$ 1,350.00	\$ 1,350.00
9	Manteca Water Reduction Act Coordination	1	LS	\$ 1,200.00	\$ 1,200.00
10	Manteca Water Reduction Act Training	1	LS	\$ 500.00	\$ 500.00
11	Survey Monument Preservation	1	LS	\$ 8,000.00	\$ 8,000.00
12	Insurance Coordination	1	LS	\$ 1,500.00	\$ 1,500.00
13	Punch List Inspection	1	LS	\$ 5,000.00	\$ 5,000.00
14	Final Inspection & Project Closeout	1	LS	\$ 2,000.00	\$ 2,000.00
<b>[Primary Tasks]</b>					
15	AC Digout and Replace (0.4' depth)	3,300	TON	\$ 120.00	\$ 396,000.00
16	Asphalt Rubber Cape Seal	52,000	SY	\$ 3.55	\$ 184,600.00
17	Type 2 Microsurfacing	378,000	SY	\$ 1.50	\$ 567,000.00
18	Replace Traffic Loops	10	EA	\$ 725.00	\$ 7,250.00
19	Traffic Signal Coordination	1	LS	\$ 1,000.00	\$ 1,000.00
20	Post Slurry Seal Street Sweeping	1	LS	\$ 3,000.00	\$ 3,000.00
<b>[Striping and Markers]</b>					
21	Striping and Marker Placement Coordination	1	LS	\$ 2,500.00	\$ 2,500.00
22	Fire Hydrant Marker	200	EA	\$ 13.00	\$ 2,600.00
23	Stop Legend With Limit Line	200	EA	\$ 150.00	\$ 30,000.00
24	Slow School Xing Legend	40	EA	\$ 300.00	\$ 12,000.00
25	Bike Lane Legend	120	EA	\$ 55.00	\$ 6,600.00
26	Arrow	140	EA	\$ 56.00	\$ 7,840.00
27	Striping - Bike Lane	31,400	LF	\$ 0.65	\$ 20,410.00
28	Striping Detail 2	18,800	LF	\$ 0.25	\$ 4,700.00
29	Striping Detail 8	12,700	LF	\$ 0.20	\$ 2,540.00
30	Striping Detail 22	6,400	LF	\$ 1.25	\$ 8,000.00
31	Striping Detail 38	4,100	LF	\$ 1.00	\$ 4,100.00
32	Striping Detail 27B	12,700	LF	\$ 0.40	\$ 5,080.00
33	Striping Detail 31	14,100	LF	\$ 1.00	\$ 14,100.00
34	Removal of Temporary Striping and Markings	1	LS	\$ 30,000.00	\$ 30,000.00
<b>[Utility Adjustments]</b>					
35	Utility Adjustment Coordination	1	LS	\$ 1,500.00	\$ 1,500.00
36	Adjust Manhole Frame & Cover	110	EA	\$ 600.00	\$ 66,000.00
37	Adjust Water Valve Frame & Cover	110	EA	\$ 600.00	\$ 66,000.00
38	Install New Survey Monument Box To Grade	10	EA	\$ 600.00	\$ 6,000.00
39	Adjust Monument Frame & Cover	20	EA	\$ 600.00	\$ 12,000.00

<b>[Traffic Safety Items]</b>					
40	Traffic Calming Coordination	1	LS	\$ 25,000.00	\$ 25,000.00
41	Centerline System Type 2	4000	LF	\$ 0.90	\$ 3,600.00
42	Intersection Type 2	2	LS	\$ 120.00	\$ 240.00
43	T-Intersection Type 2	6	EA	\$ 120.00	\$ 720.00
44	Type D Yellow Retroreflective Marker	400	EA	\$ 4.00	\$ 1,600.00
45	Type AY Yellow Non Retroreflective Marker	1750	EA	\$ 3.00	\$ 5,250.00
46	Yellow Stripe 4"	8000	LF	\$ 0.40	\$ 3,200.00
47	White Crosswalk	6,800	SQFT	\$ 2.50	\$ 17,000.00
48	Yellow Crosswalk	13,500	SQFT	\$ 2.50	\$ 33,750.00
<b>[Alleyway Improvemets]</b>					
49	Alleyway Improvement Coordination	1	LS	\$ 1,500.00	\$ 1,500.00
50	Alleyway Clearing and Grubbing	1	LS	\$ 18,000.00	\$ 18,000.00
51	Alleyway Waste Disposal	200	TON	\$ 10.00	\$ 2,000.00
52	Alleyway Green Waste Disposal	80	TON	\$ 10.00	\$ 800.00
53	Alleyway Excavation and Disposal	1,600	CY	\$ 25.00	\$ 40,000.00
54	Place Asphalt Grindings (Alleyways)	3,200	TON	\$ 15.00	\$ 48,000.00
55	Disposal Site Coordination	1	LS	\$ 4,000.00	\$ 4,000.00
56	Disposal Site Clean Up	1	LS	\$ 4,000.00	\$ 4,000.00
<b>BID TOTAL:</b>					<b>\$ 1,860,530.00</b>

**BID ALTERNATE #1**

Engineers Estimate \$1,075,000

**Pavement Section # 1****[Primary Tasks]**

57	AC Digout and Replace (0.4' depth)	2,700	TON	\$	125.00	\$	337,500.00
58	Asphalt Rubber Cape Seal	50,000	SY	\$	3.75	\$	187,500.00
59	Type 2 Microsurfacing	183,000	SY	\$	1.65	\$	301,950.00
60	Replace Traffic Loops	8	EA	\$	725.00	\$	5,800.00
61	Traffic Signal Coordination	1	LS	\$	800.00	\$	800.00
62	Post Slurry Seal Street Sweeping	1	LS	\$	2,500.00	\$	2,500.00

**[Striping and Markers]**

63	Striping and Marker Placement Coordination	1	LS	\$	2,000.00	\$	2,000.00
64	Fire Hydrant Marker	100	EA	\$	13.00	\$	1,300.00
65	Stop Legend With Limit Line	100	EA	\$	150.00	\$	15,000.00
66	Slow School Xing Legend	20	EA	\$	300.00	\$	6,000.00
67	Bike Lane Legend	50	EA	\$	55.00	\$	2,750.00
68	Arrow	60	EA	\$	56.00	\$	3,360.00
69	White Crosswalk	3,300	SQFT	\$	2.50	\$	8,250.00
70	Yellow Crosswalk	6,500	SQFT	\$	2.50	\$	16,250.00
71	Striping - Bike Lane	14,000	LF	\$	0.65	\$	9,100.00
72	Striping Detail 2	8,400	LF	\$	0.25	\$	2,100.00
73	Striping Detail 8	6,000	LF	\$	0.20	\$	1,200.00
74	Striping Detail 22	2,800	LF	\$	1.25	\$	3,500.00
75	Striping Detail 38	1,800	LF	\$	1.00	\$	1,800.00
76	Striping Detail 27B	5,500	LF	\$	0.40	\$	2,200.00
77	Striping Detail 31	6,000	LF	\$	1.00	\$	6,000.00
78	Removal of Temporary Striping and Markings	1	LS	\$	20,000.00	\$	20,000.00

**[Utility Adjustments]**

79	Utility Adjustment Coordination	1	LS	\$	1,500.00	\$	1,500.00
80	Adjust Manhole Frame & Cover	110	EA	\$	600.00	\$	66,000.00
81	Adjust Water Valve Frame & Cover	110	EA	\$	600.00	\$	66,000.00
82	Install New Survey Monument Box To Grade	10	EA	\$	600.00	\$	6,000.00
83	Adjust Monument Frame & Cover	20	EA	\$	600.00	\$	12,000.00

BID TOTAL:

\$ 1,088,360.00



**BID ALTERNATE #2**

Engineers Estimate \$550,000

**Pavement Section # 2****[Primary Tasks]**

84	AC Digout and Replace (0.4' depth)	900	TON	\$	140.00	\$	126,000.00
85	Asphalt Rubber Cape Seal	55,000	SY	\$	3.75	\$	206,250.00
86	Type 2 Microsurfacing	55,000	SY	\$	1.75	\$	96,250.00
87	Replace Traffic Loops	20	EA	\$	725.00	\$	14,500.00
88	Traffic Signal Coordination	1	LS	\$	2,000.00	\$	2,000.00
89	Post Slurry Seal Street Sweeping	1	LS	\$	2,500.00	\$	2,500.00

**[Striping and Markers]**

90	Striping and Marker Placement Coordination	1	LS	\$	1,000.00	\$	1,000.00
91	Fire Hydrant Marker	30	EA	\$	13.00	\$	390.00
92	Stop Legend With Limit Line	30	EA	\$	150.00	\$	4,500.00
93	Slow School Xing Legend	10	EA	\$	300.00	\$	3,000.00
94	Bike Lane Legend	20	EA	\$	55.00	\$	1,100.00
95	Arrow	20	EA	\$	56.00	\$	1,120.00
96	White Crosswalk	900	SQFT	\$	2.50	\$	2,250.00
97	Yellow Crosswalk	1,800	SQFT	\$	2.50	\$	4,500.00
98	Striping - Bike Lane	3,400	LF	\$	0.65	\$	2,210.00
99	Striping Detail 2	2,000	LF	\$	0.25	\$	500.00
100	Striping Detail 8	1,500	LF	\$	0.20	\$	300.00
101	Striping Detail 22	800	LF	\$	1.25	\$	1,000.00
102	Striping Detail 38	500	LF	\$	1.00	\$	500.00
103	Striping Detail 27B	1,500	LF	\$	0.40	\$	600.00
104	Striping Detail 31	1,600	LF	\$	1.00	\$	1,600.00
105	Removal of Temporary Striping and Markings	1	LS	\$	6,000.00	\$	6,000.00

**[Utility Adjustments]**

106	Utility Adjustment Coordination	1	LS	\$	1,500.00	\$	1,500.00
107	Adjust Manhole Frame & Cover	40	EA	\$	600.00	\$	24,000.00
108	Adjust Water Valve Frame & Cover	40	EA	\$	600.00	\$	24,000.00
109	Install New Survey Monument Box To Grade	10	EA	\$	600.00	\$	6,000.00
110	Adjust Monument Frame & Cover	10	EA	\$	600.00	\$	6,000.00

BID TOTAL:

\$ 539,570.00

<b>BID ALTERNATE #3</b>					
Engineers Estimate \$550,000					
<b>Pavement Section # 3</b>					
<b>[Primary Tasks]</b>					
111	AC Digout and Replace (0.4' depth)	1,500	TON	\$ 130.00	\$ 195,000.00
112	Asphalt Rubber Cape Seal	12,000	SY	\$ 3.75	\$ 45,000.00
113	Type 2 Microsurfacing	75,000	SY	\$ 1.75	\$ 131,250.00
114	Replace Traffic Loops	20	EA	\$ 725.00	\$ 14,500.00
115	Traffic Signal Coordination	1	LS	\$ 2,000.00	\$ 2,000.00
116	Post Slurry Seal Street Sweeping	1	LS	\$ 2,500.00	\$ 2,500.00
<b>[Striping and Markers]</b>					
117	Striping and Marker Placement Coordination	1	LS	\$ 1,500.00	\$ 1,500.00
118	Fire Hydrant Marker	40	EA	\$ 13.00	\$ 520.00
119	Stop Legend With Limit Line	40	EA	\$ 150.00	\$ 6,000.00
120	Slow School Xing Legend	10	EA	\$ 300.00	\$ 3,000.00
121	Bike Lane Legend	20	EA	\$ 55.00	\$ 1,100.00
122	Arrow	30	EA	\$ 56.00	\$ 1,680.00
123	White Crosswalk	1,500	SQFT	\$ 2.50	\$ 3,750.00
124	Yellow Crosswalk	3,000	SQFT	\$ 2.50	\$ 7,500.00
125	Striping - Bike Lane	5,600	LF	\$ 0.65	\$ 3,640.00
126	Striping Detail 2	3,000	LF	\$ 0.25	\$ 750.00
127	Striping Detail 8	3,000	LF	\$ 0.20	\$ 600.00
128	Striping Detail 22	1,200	LF	\$ 1.25	\$ 1,500.00
129	Striping Detail 38	800	LF	\$ 1.00	\$ 800.00
130	Striping Detail 27B	2,400	LF	\$ 0.40	\$ 960.00
131	Striping Detail 31	2,500	LF	\$ 1.00	\$ 2,500.00
132	Removal of Temporary Striping and Markings	1	LS	\$ 6,500.00	\$ 6,500.00
<b>[Utility Adjustments]</b>					
133	Utility Adjustment Coordination	1	LS	\$ 1,500.00	\$ 1,500.00
134	Adjust Manhole Frame & Cover	30	EA	\$ 600.00	\$ 18,000.00
135	Adjust Water Valve Frame & Cover	30	EA	\$ 600.00	\$ 18,000.00
136	Install New Survey Monument Box To Grade	10	EA	\$ 600.00	\$ 6,000.00
137	Adjust Monument Frame & Cover	10	EA	\$ 600.00	\$ 6,000.00
<b>BID TOTAL:</b>					\$ 482,050.00

<b>BID ALTERNATE #4</b>					
Engineers Estimate \$215,000					
<b>Northgate Parking Lot</b>					
<b>[Northgate Parking Lot Improvemets]</b>					
138	Northgate Parking Lot Coordination	1	LS	\$ 2,500.00	\$ 2,500.00
139	Parking Lot AC Digout and Replace (0.4' depth)	2000	TON	\$ 125.00	\$ 250,000.00
140	Parking Lot Striping (Temporary)	1	LS	\$ 2,100.00	\$ 2,100.00
141	Parking Lot Striping (Thermoplastic)	1	LS	\$ 3,400.00	\$ 3,400.00
142	International Symbol of Accessibility Marking	8	EA	\$ 250.00	\$ 2,000.00
<b>BID TOTAL:</b>					\$ 260,000.00

**2016 Annual Pavement Maintenance Project**

Engineers Estimate \$2,100,000

May 2, 2016

**KNIFE RIVER CONSTRUCTION - STOCKTON, CA**

<b>ITEM NO.</b>	<b>ITEM DESCRIPTION</b>	<b>BID QTY</b>	<b>UNIT</b>	<b>UNIT PRICE</b>	<b>TOTAL</b>
<b>PRIMARY BID</b>					
<b>Pavement Section # 4</b>					
<b>[Project Initiation]</b>					
1	Mobilization / Demobilization	1	LS	\$ 110,000.00	\$ 110,000.00
2	Construction Signs & Traffic Control	1	LS	\$ 76,000.00	\$ 76,000.00
3	Resident and Business Notification	1	LS	\$ 21,190.18	\$ 21,190.18
4	Flagging	1	LS	\$ 45,000.00	\$ 45,000.00
5	Submittals	1	LS	\$ 1,000.00	\$ 1,000.00
6	Staging Area	1	LS	\$ 8,000.00	\$ 8,000.00
7	Lead Compliance Plan	1	LS	\$ 1,650.00	\$ 1,650.00
8	Water Pollution Control	1	LS	\$ 22,000.00	\$ 22,000.00
9	Manteca Water Reduction Act Coordination	1	LS	\$ 4,000.00	\$ 4,000.00
10	Manteca Water Reduction Act Training	1	LS	\$ 1,000.00	\$ 1,000.00
11	Survey Monument Preservation	1	LS	\$ 20,000.00	\$ 20,000.00
12	Insurance Coordination	1	LS	\$ 1.00	\$ 1.00
13	Punch List Inspection	1	LS	\$ 1.00	\$ 1.00
14	Final Inspection & Project Closeout	1	LS	\$ 1.00	\$ 1.00
<b>[Primary Tasks]</b>					
15	AC Digout and Replace (0.4' depth)	3,300	TON	\$ 115.00	\$ 379,500.00
16	Asphalt Rubber Cape Seal	52,000	SY	\$ 3.50	\$ 182,000.00
17	Type 2 Microsurfacing	378,000	SY	\$ 1.20	\$ 453,600.00
18	Replace Traffic Loops	10	EA	\$ 325.00	\$ 3,250.00
19	Traffic Signal Coordination	1	LS	\$ 1.00	\$ 1.00
20	Post Slurry Seal Street Sweeping	1	LS	\$ 3,800.00	\$ 3,800.00
<b>[Striping and Markers]</b>					
21	Striping and Marker Placement Coordination	1	LS	\$ 1.00	\$ 1.00
22	Fire Hydrant Marker	200	EA	\$ 14.00	\$ 2,800.00
23	Stop Legend With Limit Line	200	EA	\$ 155.00	\$ 31,000.00
24	Slow School Xing Legend	40	EA	\$ 310.00	\$ 12,400.00
25	Bike Lane Legend	120	EA	\$ 60.00	\$ 7,200.00
26	Arrow	140	EA	\$ 60.00	\$ 8,400.00
27	Striping - Bike Lane	31,400	LF	\$ 0.70	\$ 21,980.00
28	Striping Detail 2	18,800	LF	\$ 0.26	\$ 4,888.00
29	Striping Detail 8	12,700	LF	\$ 0.21	\$ 2,667.00
30	Striping Detail 22	6,400	LF	\$ 1.30	\$ 8,320.00
31	Striping Detail 38	4,100	LF	\$ 1.05	\$ 4,305.00
32	Striping Detail 27B	12,700	LF	\$ 0.41	\$ 5,207.00
33	Striping Detail 31	14,100	LF	\$ 1.05	\$ 14,805.00
34	Removal of Temporary Striping and Markings	1	LS	\$ 40,000.00	\$ 40,000.00
<b>[Utility Adjustments]</b>					
35	Utility Adjustment Coordination	1	LS	\$ 1.00	\$ 1.00
36	Adjust Manhole Frame & Cover	110	EA	\$ 450.00	\$ 49,500.00
37	Adjust Water Valve Frame & Cover	110	EA	\$ 450.00	\$ 49,500.00
38	Install New Survey Monument Box To Grade	10	EA	\$ 480.00	\$ 4,800.00
39	Adjust Monument Frame & Cover	20	EA	\$ 450.00	\$ 9,000.00

<b>[Traffic Safety Items]</b>					
40	Traffic Calming Coordination	1	LS	\$ 1.00	\$ 1.00
41	Centerline System Type 2	4000	LF	\$ 0.95	\$ 3,800.00
42	Intersection Type 2	2	LS	\$ 125.00	\$ 250.00
43	T-Intersection Type 2	6	EA	\$ 125.00	\$ 750.00
44	Type D Yellow Retroreflective Marker	400	EA	\$ 4.10	\$ 1,640.00
45	Type AY Yellow Non Retroreflective Marker	1750	EA	\$ 3.10	\$ 5,425.00
46	Yellow Stripe 4"	8000	LF	\$ 0.41	\$ 3,280.00
47	White Crosswalk	6,800	SQFT	\$ 2.60	\$ 17,680.00
48	Yellow Crosswalk	13,500	SQFT	\$ 2.60	\$ 35,100.00
<b>[Alleyway Improvemets]</b>					
49	Alleyway Improvement Coordination	1	LS	\$ 1.05	\$ 1.05
50	Alleyway Clearing and Grubbing	1	LS	\$ 5,000.00	\$ 5,000.00
51	Alleyway Waste Disposal	200	TON	\$ 25.00	\$ 5,000.00
52	Alleyway Green Waste Disposal	80	TON	\$ 20.00	\$ 1,600.00
53	Alleyway Excavation and Disposal	1,600	CY	\$ 100.00	\$ 160,000.00
54	Place Asphalt Grindings (Alleyways)	3,200	TON	\$ 42.00	\$ 134,400.00
55	Disposal Site Coordination	1	LS	\$ 1.00	\$ 1.00
56	Disposal Site Clean Up	1	LS	\$ 10,000.00	\$ 10,000.00
<b>BID TOTAL:</b>					<b>\$ 1,992,696.23</b>

**BID ALTERNATE #1**

Engineers Estimate \$1,075,000

**Pavement Section # 1****[Primary Tasks]**

57	AC Digout and Replace (0.4' depth)	2,700	TON	\$	120.00	\$	324,000.00
58	Asphalt Rubber Cape Seal	50,000	SY	\$	5.30	\$	265,000.00
59	Type 2 Microsurfacing	183,000	SY	\$	1.50	\$	274,500.00
60	Replace Traffic Loops	8	EA	\$	850.00	\$	6,800.00
61	Traffic Signal Coordination	1	LS	\$	1.00	\$	1.00
62	Post Slurry Seal Street Sweeping	1	LS	\$	25,000.00	\$	25,000.00

**[Striping and Markers]**

63	Striping and Marker Placement Coordination	1	LS	\$	1.15	\$	1.15
64	Fire Hydrant Marker	100	EA	\$	15.00	\$	1,500.00
65	Stop Legend With Limit Line	100	EA	\$	170.00	\$	17,000.00
66	Slow School Xing Legend	20	EA	\$	345.00	\$	6,900.00
67	Bike Lane Legend	50	EA	\$	64.00	\$	3,200.00
68	Arrow	60	EA	\$	65.00	\$	3,900.00
69	White Crosswalk	3,300	SQFT	\$	2.90	\$	9,570.00
70	Yellow Crosswalk	6,500	SQFT	\$	2.90	\$	18,850.00
71	Striping - Bike Lane	14,000	LF	\$	0.75	\$	10,500.00
72	Striping Detail 2	8,400	LF	\$	0.30	\$	2,520.00
73	Striping Detail 8	6,000	LF	\$	0.25	\$	1,500.00
74	Striping Detail 22	2,800	LF	\$	1.40	\$	3,920.00
75	Striping Detail 38	1,800	LF	\$	1.15	\$	2,070.00
76	Striping Detail 27B	5,500	LF	\$	0.50	\$	2,750.00
77	Striping Detail 31	6,000	LF	\$	1.15	\$	6,900.00
78	Removal of Temporary Striping and Markings	1	LS	\$	10,000.00	\$	10,000.00

**[Utility Adjustments]**

79	Utility Adjustment Coordination	1	LS	\$	40,000.00	\$	40,000.00
80	Adjust Manhole Frame & Cover	110	EA	\$	505.00	\$	55,550.00
81	Adjust Water Valve Frame & Cover	110	EA	\$	505.00	\$	55,550.00
82	Install New Survey Monument Box To Grade	10	EA	\$	555.00	\$	5,550.00
83	Adjust Monument Frame & Cover	20	EA	\$	505.00	\$	10,100.00

BID TOTAL:

\$ 1,163,132.15

**BID ALTERNATE #2**

Engineers Estimate \$550,000

**Pavement Section # 2****[Primary Tasks]**

84	AC Digout and Replace (0.4' depth)	900	TON	\$	120.00	\$	108,000.00
85	Asphalt Rubber Cape Seal	55,000	SY	\$	5.00	\$	275,000.00
86	Type 2 Microsurfacing	55,000	SY	\$	1.45	\$	79,750.00
87	Replace Traffic Loops	20	EA	\$	800.00	\$	16,000.00
88	Traffic Signal Coordination	1	LS	\$	2.30	\$	2.30
89	Post Slurry Seal Street Sweeping	1	LS	\$	10,000.00	\$	10,000.00

**[Striping and Markers]**

90	Striping and Marker Placement Coordination	1	LS	\$	35,000.00	\$	35,000.00
91	Fire Hydrant Marker	30	EA	\$	15.00	\$	450.00
92	Stop Legend With Limit Line	30	EA	\$	170.00	\$	5,100.00
93	Slow School Xing Legend	10	EA	\$	345.00	\$	3,450.00
94	Bike Lane Legend	20	EA	\$	63.00	\$	1,260.00
95	Arrow	20	EA	\$	64.00	\$	1,280.00
96	White Crosswalk	900	SQFT	\$	2.80	\$	2,520.00
97	Yellow Crosswalk	1,800	SQFT	\$	2.80	\$	5,040.00
98	Striping - Bike Lane	3,400	LF	\$	0.75	\$	2,550.00
99	Striping Detail 2	2,000	LF	\$	0.30	\$	600.00
100	Striping Detail 8	1,500	LF	\$	0.25	\$	375.00
101	Striping Detail 22	800	LF	\$	1.40	\$	1,120.00
102	Striping Detail 38	500	LF	\$	1.15	\$	575.00
103	Striping Detail 27B	1,500	LF	\$	0.45	\$	675.00
104	Striping Detail 31	1,600	LF	\$	1.15	\$	1,840.00
105	Removal of Temporary Striping and Markings	1	LS	\$	20,000.00	\$	20,000.00

**[Utility Adjustments]**

106	Utility Adjustment Coordination	1	LS	\$	40,000.00	\$	40,000.00
107	Adjust Manhole Frame & Cover	40	EA	\$	515.00	\$	20,600.00
108	Adjust Water Valve Frame & Cover	40	EA	\$	515.00	\$	20,600.00
109	Install New Survey Monument Box To Grade	10	EA	\$	575.00	\$	5,750.00
110	Adjust Monument Frame & Cover	10	EA	\$	515.00	\$	5,150.00

BID TOTAL:

\$ 662,687.30

<b>BID ALTERNATE #3</b>					
Engineers Estimate \$550,000					
<b>Pavement Section # 3</b>					
<b>[Primary Tasks]</b>					
111	AC Digout and Replace (0.4' depth)	1,500	TON	\$ 120.00	\$ 180,000.00
112	Asphalt Rubber Cape Seal	12,000	SY	\$ 5.30	\$ 63,600.00
113	Type 2 Microsurfacing	75,000	SY	\$ 1.80	\$ 135,000.00
114	Replace Traffic Loops	20	EA	\$ 835.00	\$ 16,700.00
115	Traffic Signal Coordination	1	LS	\$ 1.00	\$ 1.00
116	Post Slurry Seal Street Sweeping	1	LS	\$ 10,000.00	\$ 10,000.00
<b>[Striping and Markers]</b>					
117	Striping and Marker Placement Coordination	1	LS	\$ 5,000.00	\$ 5,000.00
118	Fire Hydrant Marker	40	EA	\$ 15.00	\$ 600.00
119	Stop Legend With Limit Line	40	EA	\$ 170.00	\$ 6,800.00
120	Slow School Xing Legend	10	EA	\$ 350.00	\$ 3,500.00
121	Bike Lane Legend	20	EA	\$ 63.00	\$ 1,260.00
122	Arrow	30	EA	\$ 64.00	\$ 1,920.00
123	White Crosswalk	1,500	SQFT	\$ 2.90	\$ 4,350.00
124	Yellow Crosswalk	3,000	SQFT	\$ 2.90	\$ 8,700.00
125	Striping - Bike Lane	5,600	LF	\$ 0.75	\$ 4,200.00
126	Striping Detail 2	3,000	LF	\$ 0.30	\$ 900.00
127	Striping Detail 8	3,000	LF	\$ 0.20	\$ 600.00
128	Striping Detail 22	1,200	LF	\$ 1.40	\$ 1,680.00
129	Striping Detail 38	800	LF	\$ 1.15	\$ 920.00
130	Striping Detail 27B	2,400	LF	\$ 0.45	\$ 1,080.00
131	Striping Detail 31	2,500	LF	\$ 1.15	\$ 2,875.00
132	Removal of Temporary Striping and Markings	1	LS	\$ 20,000.00	\$ 20,000.00
<b>[Utility Adjustments]</b>					
133	Utility Adjustment Coordination	1	LS	\$ 20,000.00	\$ 20,000.00
134	Adjust Manhole Frame & Cover	30	EA	\$ 605.00	\$ 18,150.00
135	Adjust Water Valve Frame & Cover	30	EA	\$ 605.00	\$ 18,150.00
136	Install New Survey Monument Box To Grade	10	EA	\$ 605.00	\$ 6,050.00
137	Adjust Monument Frame & Cover	10	EA	\$ 605.00	\$ 6,050.00
<b>BID TOTAL:</b>					<b>\$ 538,086.00</b>

<b>BID ALTERNATE #4</b>					
Engineers Estimate \$215,000					
<b>Northgate Parking Lot</b>					
<b>[Northgate Parking Lot Improvemets]</b>					
138	Northgate Parking Lot Coordination	1	LS	\$ 75,000.00	\$ 75,000.00
139	Parking Lot AC Digout and Replace (0.4' depth)	2000	TON	\$ 80.00	\$ 160,000.00
140	Parking Lot Striping (Temporary)	1	LS	\$ 2,400.00	\$ 2,400.00
141	Parking Lot Striping (Thermoplastic)	1	LS	\$ 4,000.00	\$ 4,000.00
142	International Symbol of Accessibility Marking	8	EA	\$ 300.00	\$ 2,400.00
<b>BID TOTAL:</b>					<b>\$ 243,800.00</b>

**2016 Annual Pavement Maintenance Project**

Engineers Estimate \$2,100,000

May 2, 2016

**INTERMOUNTAIN SLURRY SEAL - ELK GROVE, CA**

<b>ITEM NO.</b>	<b>ITEM DESCRIPTION</b>	<b>BID QTY</b>	<b>UNIT</b>	<b>UNIT PRICE</b>	<b>TOTAL</b>
<b>PRIMARY BID</b>					
<b>Pavement Section # 4</b>					
<b>[Project Initiation]</b>					
1	Mobilization / Demobilization	1	LS	\$ 95,000.00	\$ 95,000.00
2	Construction Signs & Traffic Control	1	LS	\$ 135,000.00	\$ 135,000.00
3	Resident and Business Notification	1	LS	\$ 25,000.00	\$ 25,000.00
4	Flagging	1	LS	\$ 10,000.00	\$ 10,000.00
5	Submittals	1	LS	\$ 20,000.00	\$ 20,000.00
6	Staging Area	1	LS	\$ 15,000.00	\$ 15,000.00
7	Lead Compliance Plan	1	LS	\$ 1,575.00	\$ 1,575.00
8	Water Pollution Control	1	LS	\$ 5,000.00	\$ 5,000.00
9	Manteca Water Reduction Act Coordination	1	LS	\$ 1,000.00	\$ 1,000.00
10	Manteca Water Reduction Act Training	1	LS	\$ 5,000.00	\$ 5,000.00
11	Survey Monument Preservation	1	LS	\$ 10.00	\$ 10.00
12	Insurance Coordination	1	LS	\$ 10.00	\$ 10.00
13	Punch List Inspection	1	LS	\$ 10.00	\$ 10.00
14	Final Inspection & Project Closeout	1	LS	\$ 10.00	\$ 10.00
<b>[Primary Tasks]</b>					
15	AC Digout and Replace (0.4' depth)	3,300	TON	\$ 110.00	\$ 363,000.00
16	Asphalt Rubber Cape Seal	52,000	SY	\$ 2.35	\$ 122,200.00
17	Type 2 Microsurfacing	378,000	SY	\$ 1.00	\$ 378,000.00
18	Replace Traffic Loops	10	EA	\$ 725.00	\$ 7,250.00
19	Traffic Signal Coordination	1	LS	\$ 1,500.00	\$ 1,500.00
20	Post Slurry Seal Street Sweeping	1	LS	\$ 20,000.00	\$ 20,000.00
<b>[Striping and Markers]</b>					
21	Striping and Marker Placement Coordination	1	LS	\$ 1,000.00	\$ 1,000.00
22	Fire Hydrant Marker	200	EA	\$ 13.00	\$ 2,600.00
23	Stop Legend With Limit Line	200	EA	\$ 150.00	\$ 30,000.00
24	Slow School Xing Legend	40	EA	\$ 300.00	\$ 12,000.00
25	Bike Lane Legend	120	EA	\$ 55.00	\$ 6,600.00
26	Arrow	140	EA	\$ 56.00	\$ 7,840.00
27	Striping - Bike Lane	31,400	LF	\$ 0.65	\$ 20,410.00
28	Striping Detail 2	18,800	LF	\$ 0.25	\$ 4,700.00
29	Striping Detail 8	12,700	LF	\$ 0.20	\$ 2,540.00
30	Striping Detail 22	6,400	LF	\$ 1.25	\$ 8,000.00
31	Striping Detail 38	4,100	LF	\$ 1.00	\$ 4,100.00
32	Striping Detail 27B	12,700	LF	\$ 0.40	\$ 5,080.00
33	Striping Detail 31	14,100	LF	\$ 1.00	\$ 14,100.00
34	Removal of Temporary Striping and Markings	1	LS	\$ 25,623.00	\$ 25,623.00
<b>[Utility Adjustments]</b>					
35	Utility Adjustment Coordination	1	LS	\$ 5,000.00	\$ 5,000.00
36	Adjust Manhole Frame & Cover	110	EA	\$ 500.00	\$ 55,000.00
37	Adjust Water Valve Frame & Cover	110	EA	\$ 275.00	\$ 30,250.00
38	Install New Survey Monument Box To Grade	10	EA	\$ 400.00	\$ 4,000.00
39	Adjust Monument Frame & Cover	20	EA	\$ 275.00	\$ 5,500.00



<b>[Traffic Safety Items]</b>					
40	Traffic Calming Coordination	1	LS	\$ 2,000.00	\$ 2,000.00
41	Centerline System Type 2	4000	LF	\$ 0.90	\$ 3,600.00
42	Intersection Type 2	2	LS	\$ 120.00	\$ 240.00
43	T-Intersection Type 2	6	EA	\$ 120.00	\$ 720.00
44	Type D Yellow Retroreflective Marker	400	EA	\$ 4.00	\$ 1,600.00
45	Type AY Yellow Non Retroreflective Marker	1750	EA	\$ 3.00	\$ 5,250.00
46	Yellow Stripe 4"	8000	LF	\$ 0.40	\$ 3,200.00
47	White Crosswalk	6,800	SQFT	\$ 2.50	\$ 17,000.00
48	Yellow Crosswalk	13,500	SQFT	\$ 2.50	\$ 33,750.00
<b>[Alleyway Improvemets]</b>					
49	Alleyway Improvement Coordination	1	LS	\$ 6,500.00	\$ 6,500.00
50	Alleyway Clearing and Grubbing	1	LS	\$ 10,000.00	\$ 10,000.00
51	Alleyway Waste Disposal	200	TON	\$ 75.00	\$ 15,000.00
52	Alleyway Green Waste Disposal	80	TON	\$ 90.00	\$ 7,200.00
53	Alleyway Excavation and Disposal	1,600	CY	\$ 52.00	\$ 83,200.00
54	Place Asphalt Grindings (Alleyways)	3,200	TON	\$ 7.00	\$ 22,400.00
55	Disposal Site Coordination	1	LS	\$ 1,000.00	\$ 1,000.00
56	Disposal Site Clean Up	1	LS	\$ 15,000.00	\$ 15,000.00
<b>BID TOTAL:</b>					<b>\$ 1,676,568.00</b>

**BID ALTERNATE #1**

Engineers Estimate \$1,075,000

**Pavement Section # 1****[Primary Tasks]**

57	AC Digout and Replace (0.4' depth)	2,700	TON	\$	94.50	\$	255,150.00
58	Asphalt Rubber Cape Seal	50,000	SY	\$	2.60	\$	130,000.00
59	Type 2 Microsurfacing	183,000	SY	\$	1.20	\$	219,600.00
60	Replace Traffic Loops	8	EA	\$	309.75	\$	2,478.00
61	Traffic Signal Coordination	1	LS	\$	93,000.00	\$	93,000.00
62	Post Slurry Seal Street Sweeping	1	LS	\$	105,000.00	\$	105,000.00

**[Striping and Markers]**

63	Striping and Marker Placement Coordination	1	LS	\$	50,000.00	\$	50,000.00
64	Fire Hydrant Marker	100	EA	\$	13.65	\$	1,365.00
65	Stop Legend With Limit Line	100	EA	\$	157.50	\$	15,750.00
66	Slow School Xing Legend	20	EA	\$	315.00	\$	6,300.00
67	Bike Lane Legend	50	EA	\$	57.75	\$	2,887.50
68	Arrow	60	EA	\$	58.80	\$	3,528.00
69	White Crosswalk	3,300	SQFT	\$	2.63	\$	8,679.00
70	Yellow Crosswalk	6,500	SQFT	\$	2.63	\$	17,095.00
71	Striping - Bike Lane	14,000	LF	\$	0.68	\$	9,520.00
72	Striping Detail 2	8,400	LF	\$	0.26	\$	2,184.00
73	Striping Detail 8	6,000	LF	\$	0.21	\$	1,260.00
74	Striping Detail 22	2,800	LF	\$	1.31	\$	3,668.00
75	Striping Detail 38	1,800	LF	\$	1.05	\$	1,890.00
76	Striping Detail 27B	5,500	LF	\$	0.42	\$	2,310.00
77	Striping Detail 31	6,000	LF	\$	1.05	\$	6,300.00
78	Removal of Temporary Striping and Markings	1	LS	\$	45,000.00	\$	45,000.00

**[Utility Adjustments]**

79	Utility Adjustment Coordination	1	LS	\$	55,000.00	\$	55,000.00
80	Adjust Manhole Frame & Cover	110	EA	\$	525.00	\$	57,750.00
81	Adjust Water Valve Frame & Cover	110	EA	\$	288.75	\$	31,762.50
82	Install New Survey Monument Box To Grade	10	EA	\$	420.00	\$	4,200.00
83	Adjust Monument Frame & Cover	20	EA	\$	288.75	\$	5,775.00

BID TOTAL:

\$ 1,137,452.00

**BID ALTERNATE #2**

Engineers Estimate \$550,000

**Pavement Section # 2****[Primary Tasks]**

84	AC Digout and Replace (0.4' depth)	900	TON	\$ 110.25	\$ 99,225.00
85	Asphalt Rubber Cape Seal	55,000	SY	\$ 2.60	\$ 143,000.00
86	Type 2 Microsurfacing	55,000	SY	\$ 1.20	\$ 66,000.00
87	Replace Traffic Loops	20	EA	\$ 309.75	\$ 6,195.00
88	Traffic Signal Coordination	1	LS	\$ 50,000.00	\$ 50,000.00
89	Post Slurry Seal Street Sweeping	1	LS	\$ 80,000.00	\$ 80,000.00

**[Striping and Markers]**

90	Striping and Marker Placement Coordination	1	LS	\$ 27,000.00	\$ 27,000.00
91	Fire Hydrant Marker	30	EA	\$ 13.65	\$ 409.50
92	Stop Legend With Limit Line	30	EA	\$ 157.50	\$ 4,725.00
93	Slow School Xing Legend	10	EA	\$ 315.00	\$ 3,150.00
94	Bike Lane Legend	20	EA	\$ 57.75	\$ 1,155.00
95	Arrow	20	EA	\$ 58.80	\$ 1,176.00
96	White Crosswalk	900	SQFT	\$ 2.63	\$ 2,367.00
97	Yellow Crosswalk	1,800	SQFT	\$ 2.63	\$ 4,734.00
98	Striping - Bike Lane	3,400	LF	\$ 0.68	\$ 2,312.00
99	Striping Detail 2	2,000	LF	\$ 0.26	\$ 520.00
100	Striping Detail 8	1,500	LF	\$ 2.10	\$ 3,150.00
101	Striping Detail 22	800	LF	\$ 1.31	\$ 1,048.00
102	Striping Detail 38	500	LF	\$ 1.05	\$ 525.00
103	Striping Detail 27B	1,500	LF	\$ 0.42	\$ 630.00
104	Striping Detail 31	1,600	LF	\$ 1.05	\$ 1,680.00
105	Removal of Temporary Striping and Markings	1	LS	\$ 22,000.00	\$ 22,000.00

**[Utility Adjustments]**

106	Utility Adjustment Coordination	1	LS	\$ 22,000.00	\$ 22,000.00
107	Adjust Manhole Frame & Cover	40	EA	\$ 525.00	\$ 21,000.00
108	Adjust Water Valve Frame & Cover	40	EA	\$ 288.75	\$ 11,550.00
109	Install New Survey Monument Box To Grade	10	EA	\$ 420.00	\$ 4,200.00
110	Adjust Monument Frame & Cover	10	EA	\$ 288.75	\$ 2,887.50

BID TOTAL:

\$ 582,639.00

<b>BID ALTERNATE #3</b>					
Engineers Estimate \$550,000					
<b>Pavement Section # 3</b>					
<b>[Primary Tasks]</b>					
111	AC Digout and Replace (0.4' depth)	1,500	TON	\$ 105.00	\$ 157,500.00
112	Asphalt Rubber Cape Seal	12,000	SY	\$ 2.60	\$ 31,200.00
113	Type 2 Microsurfacing	75,000	SY	\$ 1.20	\$ 90,000.00
114	Replace Traffic Loops	20	EA	\$ 309.75	\$ 6,195.00
115	Traffic Signal Coordination	1	LS	\$ 45,000.00	\$ 45,000.00
116	Post Slurry Seal Street Sweeping	1	LS	\$ 65,000.00	\$ 65,000.00
<b>[Striping and Markers]</b>					
117	Striping and Marker Placement Coordination	1	LS	\$ 20,000.00	\$ 20,000.00
118	Fire Hydrant Marker	40	EA	\$ 13.65	\$ 546.00
119	Stop Legend With Limit Line	40	EA	\$ 157.50	\$ 6,300.00
120	Slow School Xing Legend	10	EA	\$ 315.00	\$ 3,150.00
121	Bike Lane Legend	20	EA	\$ 57.75	\$ 1,155.00
122	Arrow	30	EA	\$ 58.80	\$ 1,764.00
123	White Crosswalk	1,500	SQFT	\$ 2.63	\$ 3,945.00
124	Yellow Crosswalk	3,000	SQFT	\$ 2.63	\$ 7,890.00
125	Striping - Bike Lane	5,600	LF	\$ 0.68	\$ 3,808.00
126	Striping Detail 2	3,000	LF	\$ 0.26	\$ 780.00
127	Striping Detail 8	3,000	LF	\$ 0.21	\$ 630.00
128	Striping Detail 22	1,200	LF	\$ 1.31	\$ 1,572.00
129	Striping Detail 38	800	LF	\$ 1.05	\$ 840.00
130	Striping Detail 27B	2,400	LF	\$ 0.42	\$ 1,008.00
131	Striping Detail 31	2,500	LF	\$ 1.05	\$ 2,625.00
132	Removal of Temporary Striping and Markings	1	LS	\$ 15,000.00	\$ 15,000.00
<b>[Utility Adjustments]</b>					
133	Utility Adjustment Coordination	1	LS	\$ 15,000.00	\$ 15,000.00
134	Adjust Manhole Frame & Cover	30	EA	\$ 525.00	\$ 15,750.00
135	Adjust Water Valve Frame & Cover	30	EA	\$ 288.75	\$ 8,662.50
136	Install New Survey Monument Box To Grade	10	EA	\$ 420.00	\$ 4,200.00
137	Adjust Monument Frame & Cover	10	EA	\$ 288.75	\$ 2,887.50
<b>BID TOTAL:</b>					\$ 512,408.00

<b>BID ALTERNATE #4</b>					
Engineers Estimate \$215,000					
<b>Northgate Parking Lot</b>					
<b>[Northgate Parking Lot Improvemets]</b>					
138	Northgate Parking Lot Coordination	1	LS	\$ 22,000.00	\$ 22,000.00
139	Parking Lot AC Digout and Replace (0.4' depth)	2000	TON	\$ 120.75	\$ 241,500.00
140	Parking Lot Striping (Temporary)	1	LS	\$ 7,500.00	\$ 7,500.00
141	Parking Lot Striping (Thermoplastic)	1	LS	\$ 10,000.00	\$ 10,000.00
142	International Symbol of Accessibility Marking	8	EA	\$ 262.50	\$ 2,100.00
<b>BID TOTAL:</b>					\$ 283,100.00

2016 Annual Pavement Maintenance Project					
Engineers Estimate				\$2,100,000	
May 2, 2016					
VSS INTERNATIONAL, INC. - WEST SACRAMENTO, CA					
ITEM NO.	ITEM DESCRIPTION	BID QTY	UNIT	UNIT PRICE	TOTAL
<b>PRIMARY BID</b>					
<b>Pavement Section # 4</b>					
<b>[Project Initiation]</b>					
1	Mobilization / Demobilization	1	LS	\$ 24,613.60	\$ 24,613.60
2	Construction Signs & Traffic Control	1	LS	\$ 80,000.00	\$ 80,000.00
3	Resident and Business Notification	1	LS	\$ 5,000.00	\$ 5,000.00
4	Flagging	1	LS	\$ 5,000.00	\$ 5,000.00
5	Submittals	1	LS	\$ 2,500.00	\$ 2,500.00
6	Staging Area	1	LS	\$ 5,000.00	\$ 5,000.00
7	Lead Compliance Plan	1	LS	\$ 2,000.00	\$ 2,000.00
8	Water Pollution Control	1	LS	\$ 2,500.00	\$ 2,500.00
9	Manteca Water Reduction Act Coordination	1	LS	\$ 1,000.00	\$ 1,000.00
10	Manteca Water Reduction Act Training	1	LS	\$ 2,000.00	\$ 2,000.00
11	Survey Monument Preservation	1	LS	\$ 10,000.00	\$ 10,000.00
12	Insurance Coordination	1	LS	\$ 2,500.00	\$ 2,500.00
13	Punch List Inspection	1	LS	\$ 2,500.00	\$ 2,500.00
14	Final Inspection & Project Closeout	1	LS	\$ 2,500.00	\$ 2,500.00
<b>[Primary Tasks]</b>					
15	AC Digout and Replace (0.4' depth)	3,300	TON	\$ 104.00	\$ 343,200.00
16	Asphalt Rubber Cape Seal	52,000	SY	\$ 3.05	\$ 158,600.00
17	Type 2 Microsurfacing	378,000	SY	\$ 1.26	\$ 476,280.00
18	Replace Traffic Loops	10	EA	\$ 308.00	\$ 3,080.00
19	Traffic Signal Coordination	1	LS	\$ 2,500.00	\$ 2,500.00
20	Post Slurry Seal Street Sweeping	1	LS	\$ 1,000.00	\$ 1,000.00
<b>[Striping and Markers]</b>					
21	Striping and Marker Placement Coordination	1	LS	\$ 2,000.00	\$ 2,000.00
22	Fire Hydrant Marker	200	EA	\$ 13.52	\$ 2,704.00
23	Stop Legend With Limit Line	200	EA	\$ 156.00	\$ 31,200.00
24	Slow School Xing Legend	40	EA	\$ 312.00	\$ 12,480.00
25	Bike Lane Legend	120	EA	\$ 57.20	\$ 6,864.00
26	Arrow	140	EA	\$ 58.24	\$ 8,153.60
27	Striping - Bike Lane	31,400	LF	\$ 0.68	\$ 21,352.00
28	Striping Detail 2	18,800	LF	\$ 0.26	\$ 4,888.00
29	Striping Detail 8	12,700	LF	\$ 0.21	\$ 2,667.00
30	Striping Detail 22	6,400	LF	\$ 1.30	\$ 8,320.00
31	Striping Detail 38	4,100	LF	\$ 1.04	\$ 4,264.00
32	Striping Detail 27B	12,700	LF	\$ 0.42	\$ 5,334.00
33	Striping Detail 31	14,100	LF	\$ 1.04	\$ 14,664.00
34	Removal of Temporary Striping and Markings	1	LS	\$ 26,648.00	\$ 26,648.00
<b>[Utility Adjustments]</b>					
35	Utility Adjustment Coordination	1	LS	\$ 3,224.00	\$ 3,224.00
36	Adjust Manhole Frame & Cover	110	EA	\$ 676.00	\$ 74,360.00
37	Adjust Water Valve Frame & Cover	110	EA	\$ 468.00	\$ 51,480.00
38	Install New Survey Monument Box To Grade	10	EA	\$ 500.00	\$ 5,000.00
39	Adjust Monument Frame & Cover	20	EA	\$ 500.00	\$ 10,000.00

<b>[Traffic Safety Items]</b>					
40	Traffic Calming Coordination	1	LS	\$ 2,500.00	\$ 2,500.00
41	Centerline System Type 2	4000	LF	\$ 0.94	\$ 3,760.00
42	Intersection Type 2	2	LS	\$ 125.00	\$ 250.00
43	T-Intersection Type 2	6	EA	\$ 125.00	\$ 750.00
44	Type D Yellow Retroreflective Marker	400	EA	\$ 4.16	\$ 1,664.00
45	Type AY Yellow Non Retroreflective Marker	1750	EA	\$ 3.12	\$ 5,460.00
46	Yellow Stripe 4"	8000	LF	\$ 0.42	\$ 3,360.00
47	White Crosswalk	6,800	SQFT	\$ 2.60	\$ 17,680.00
48	Yellow Crosswalk	13,500	SQFT	\$ 2.60	\$ 35,100.00
<b>[Alleyway Improvemets]</b>					
49	Alleyway Improvement Coordination	1	LS	\$ 6,760.00	\$ 6,760.00
50	Alleyway Clearing and Grubbing	1	LS	\$ 10,400.00	\$ 10,400.00
51	Alleyway Waste Disposal	200	TON	\$ 78.00	\$ 15,600.00
52	Alleyway Green Waste Disposal	80	TON	\$ 94.00	\$ 7,520.00
53	Alleyway Excavation and Disposal	1,600	CY	\$ 54.00	\$ 86,400.00
54	Place Asphalt Grindings (Alleyways)	3,200	TON	\$ 7.28	\$ 23,296.00
55	Disposal Site Coordination	1	LS	\$ 1,040.00	\$ 1,040.00
56	Disposal Site Clean Up	1	LS	\$ 15,600.00	\$ 15,600.00
<b>BID TOTAL:</b>					<b>\$ 1,664,516.20</b>

**BID ALTERNATE #1**

Engineers Estimate \$1,075,000

**Pavement Section # 1****[Primary Tasks]**

57	AC Digout and Replace (0.4' depth)	2,700	TON	\$	88.40	\$	238,680.00
58	Asphalt Rubber Cape Seal	50,000	SY	\$	3.05	\$	152,500.00
59	Type 2 Microsurfacing	183,000	SY	\$	1.26	\$	230,580.00
60	Replace Traffic Loops	8	EA	\$	308.00	\$	2,464.00
61	Traffic Signal Coordination	1	LS	\$	2,500.00	\$	2,500.00
62	Post Slurry Seal Street Sweeping	1	LS	\$	1,000.00	\$	1,000.00

**[Striping and Markers]**

63	Striping and Marker Placement Coordination	1	LS	\$	2,500.00	\$	2,500.00
64	Fire Hydrant Marker	100	EA	\$	13.52	\$	1,352.00
65	Stop Legend With Limit Line	100	EA	\$	156.00	\$	15,600.00
66	Slow School Xing Legend	20	EA	\$	312.00	\$	6,240.00
67	Bike Lane Legend	50	EA	\$	57.20	\$	2,860.00
68	Arrow	60	EA	\$	58.24	\$	3,494.40
69	White Crosswalk	3,300	SQFT	\$	2.60	\$	8,580.00
70	Yellow Crosswalk	6,500	SQFT	\$	2.60	\$	16,900.00
71	Striping - Bike Lane	14,000	LF	\$	0.68	\$	9,520.00
72	Striping Detail 2	8,400	LF	\$	0.26	\$	2,184.00
73	Striping Detail 8	6,000	LF	\$	0.21	\$	1,260.00
74	Striping Detail 22	2,800	LF	\$	1.30	\$	3,640.00
75	Striping Detail 38	1,800	LF	\$	1.04	\$	1,872.00
76	Striping Detail 27B	5,500	LF	\$	0.42	\$	2,310.00
77	Striping Detail 31	6,000	LF	\$	1.04	\$	6,240.00
78	Removal of Temporary Striping and Markings	1	LS	\$	17,782.00	\$	17,782.00

**[Utility Adjustments]**

79	Utility Adjustment Coordination	1	LS	\$	3,224.00	\$	3,224.00
80	Adjust Manhole Frame & Cover	110	EA	\$	723.00	\$	79,530.00
81	Adjust Water Valve Frame & Cover	110	EA	\$	494.00	\$	54,340.00
82	Install New Survey Monument Box To Grade	10	EA	\$	500.00	\$	5,000.00
83	Adjust Monument Frame & Cover	20	EA	\$	500.00	\$	10,000.00

BID TOTAL:

\$ 882,152.40

**BID ALTERNATE #2**

Engineers Estimate \$550,000

**Pavement Section # 2****[Primary Tasks]**

84	AC Digout and Replace (0.4' depth)	900	TON	\$	104.00	\$	93,600.00
85	Asphalt Rubber Cape Seal	55,000	SY	\$	3.05	\$	167,750.00
86	Type 2 Microsurfacing	55,000	SY	\$	1.26	\$	69,300.00
87	Replace Traffic Loops	20	EA	\$	308.00	\$	6,160.00
88	Traffic Signal Coordination	1	LS	\$	2,500.00	\$	2,500.00
89	Post Slurry Seal Street Sweeping	1	LS	\$	1,000.00	\$	1,000.00

**[Striping and Markers]**

90	Striping and Marker Placement Coordination	1	LS	\$	2,500.00	\$	2,500.00
91	Fire Hydrant Marker	30	EA	\$	13.52	\$	405.60
92	Stop Legend With Limit Line	30	EA	\$	156.00	\$	4,680.00
93	Slow School Xing Legend	10	EA	\$	312.00	\$	3,120.00
94	Bike Lane Legend	20	EA	\$	57.20	\$	1,144.00
95	Arrow	20	EA	\$	58.24	\$	1,164.80
96	White Crosswalk	900	SQFT	\$	2.60	\$	2,340.00
97	Yellow Crosswalk	1,800	SQFT	\$	2.60	\$	4,680.00
98	Striping - Bike Lane	3,400	LF	\$	0.68	\$	2,312.00
99	Striping Detail 2	2,000	LF	\$	0.26	\$	520.00
100	Striping Detail 8	1,500	LF	\$	0.21	\$	315.00
101	Striping Detail 22	800	LF	\$	1.30	\$	1,040.00
102	Striping Detail 38	500	LF	\$	1.04	\$	520.00
103	Striping Detail 27B	1,500	LF	\$	0.42	\$	630.00
104	Striping Detail 31	1,600	LF	\$	1.04	\$	1,664.00
105	Removal of Temporary Striping and Markings	1	LS	\$	6,148.00	\$	6,148.00

**[Utility Adjustments]**

106	Utility Adjustment Coordination	1	LS	\$	2,080.00	\$	2,080.00
107	Adjust Manhole Frame & Cover	40	EA	\$	780.00	\$	31,200.00
108	Adjust Water Valve Frame & Cover	40	EA	\$	613.60	\$	24,544.00
109	Install New Survey Monument Box To Grade	10	EA	\$	500.00	\$	5,000.00
110	Adjust Monument Frame & Cover	10	EA	\$	500.00	\$	5,000.00

BID TOTAL:

\$ 441,317.40



<b>BID ALTERNATE #3</b>					
Engineers Estimate \$550,000					
<b>Pavement Section # 3</b>					
<b>[Primary Tasks]</b>					
111	AC Digout and Replace (0.4' depth)	1,500	TON	\$ 98.80	\$ 148,200.00
112	Asphalt Rubber Cape Seal	12,000	SY	\$ 3.05	\$ 36,600.00
113	Type 2 Microsurfacing	75,000	SY	\$ 1.26	\$ 94,500.00
114	Replace Traffic Loops	20	EA	\$ 308.00	\$ 6,160.00
115	Traffic Signal Coordination	1	LS	\$ 2,500.00	\$ 2,500.00
116	Post Slurry Seal Street Sweeping	1	LS	\$ 1,000.00	\$ 1,000.00
<b>[Striping and Markers]</b>					
117	Striping and Marker Placement Coordination	1	LS	\$ 2,500.00	\$ 2,500.00
118	Fire Hydrant Marker	40	EA	\$ 13.52	\$ 540.80
119	Stop Legend With Limit Line	40	EA	\$ 156.00	\$ 6,240.00
120	Slow School Xing Legend	10	EA	\$ 312.00	\$ 3,120.00
121	Bike Lane Legend	20	EA	\$ 57.20	\$ 1,144.00
122	Arrow	30	EA	\$ 58.24	\$ 1,747.20
123	White Crosswalk	1,500	SQFT	\$ 2.60	\$ 3,900.00
124	Yellow Crosswalk	3,000	SQFT	\$ 2.60	\$ 7,800.00
125	Striping - Bike Lane	5,600	LF	\$ 0.68	\$ 3,808.00
126	Striping Detail 2	3,000	LF	\$ 0.26	\$ 780.00
127	Striping Detail 8	3,000	LF	\$ 0.21	\$ 630.00
128	Striping Detail 22	1,200	LF	\$ 1.30	\$ 1,560.00
129	Striping Detail 38	800	LF	\$ 1.04	\$ 832.00
130	Striping Detail 27B	2,400	LF	\$ 0.42	\$ 1,008.00
131	Striping Detail 31	2,500	LF	\$ 1.04	\$ 2,600.00
132	Removal of Temporary Striping and Markings	1	LS	\$ 6,136.00	\$ 6,136.00
<b>[Utility Adjustments]</b>					
133	Utility Adjustment Coordination	1	LS	\$ 1,248.00	\$ 1,248.00
134	Adjust Manhole Frame & Cover	30	EA	\$ 730.00	\$ 21,900.00
135	Adjust Water Valve Frame & Cover	30	EA	\$ 557.00	\$ 16,710.00
136	Install New Survey Monument Box To Grade	10	EA	\$ 500.00	\$ 5,000.00
137	Adjust Monument Frame & Cover	10	EA	\$ 500.00	\$ 5,000.00
<b>BID TOTAL:</b>					<b>\$ 383,164.00</b>

<b>BID ALTERNATE #4</b>					
Engineers Estimate \$215,000					
<b>Northgate Parking Lot</b>					
<b>[Northgate Parking Lot Improvemets]</b>					
138	Northgate Parking Lot Coordination	1	LS	\$ 1,050.00	\$ 1,050.00
139	Parking Lot AC Digout and Replace (0.4' depth)	2000	TON	\$ 120.00	\$ 240,000.00
140	Parking Lot Striping (Temporary)	1	LS	\$ 2,184.00	\$ 2,184.00
141	Parking Lot Striping (Thermoplastic)	1	LS	\$ 3,536.00	\$ 3,536.00
142	International Symbol of Accessibility Marking	8	EA	\$ 260.00	\$ 2,080.00
<b>BID TOTAL:</b>					<b>\$ 248,850.00</b>