



PUBLIC WORKS DEPARTMENT
Timm Borden, Director

CITY HALL
10300 TORRE AVENUE ~ CUPERTINO, CA 95014-3266
(408) 777-3354 ~ FAX (408) 777-3333

ADDENDUM NO. 2
2018 PAVEMENT MAINTENANCE PHASE 1 - PROJECT # 2018-101
BID OPENING: November 28, 2017
2:00 P.M.

ISSUED DATE: November 20, 2017

Engineer's Estimate - \$3,000,000.00

The following revisions are hereby made to the above referenced project.

1. Replace current Estimated Quantities (pages 147-151) with revised Estimated Quantities (pages 147-151) attached to this addendum.
2. Response to questions received:

Q: Where will 6" HMA Dike be installed (bid item 38).

A: The 6" HMA Dike will be installed at various streets as determined by the Engineer.

Q: The specifications call for fifteen foot (15') conform grinding at the beginning and ending of each street segment. Where will payment for this item of work be covered?

A: Conform grinding will be paid under bid item # 6, Keycut B.

All questions regarding this project must be transmitted in writing to Roger Lee, Assistant Director of Public Works. Fax number is 408-777-3333 and email address is RogerL@cupertino.org.

Please indicate receipt of this addendum on the last page of the Proposal. Failure to do so may cause rejection of your bid.

APPROVED BY:

Timm Borden
Director of Public Works

Estimated Quantities -

2018 Pavement Maintenance Project												
Engineer's Estimate - \$3,000,000.00												
		AREA #	1	15	15	15	15	15	16	16	16	18
Estimated Quantities			OVERLAY	OVERLAY	OVERLAY	OVERLAY	OVERLAY	OVERLAY	OVERLAY	OVERLAY	OVERLAY	OVERLAY
BID ITEM NO.	BID ITEM	UNIT	Lavina Ct (Flora Vista to End)	Annette Way (Stanford to Rollingdell)	Erin Way (Stelling to Kim)	Kirwin Ln (De Anza Erin)	Rollingdell Ct (Rollingdell to End)	Rollingdell Dr (200' W of De Anza to Kentwood)	Cheryl Dr (Paradise to Westacres)	Scotfield Dr (Western to De Anza)	Shelly Dr (Bonny to Terry)	Clay St (Whitney to End)
		AREA	7632	11333	43920	89620	8751	39476	32355	48968	49140	23500
1	Traffic Control	LS							---			---
2	Leveling Course -No. 4 Hot Mix Asphalt Type A	TN	23	34	132	269	26	118	97	147	147	71
3	Hot Mix Asphalt, 1/2" Maximum Type A	TN	97	144	560	1,143	112	503	413	624	627	300
4	Pavement Fabric	SY	848	1,259	4,880	9,958	972	4,386	3,434	5,441	5,460	2,611
5	Keycut A	LF	490	700	1270	4680	600	2060	1580	2460	2450	1170
6	keycut B	LF	75	75	180	240	0	210	160	90	240	110
7	Dig Out 6" AC	SY	0	0	0	0	0	0	0	0	0	0
8	Adjust Survey Monument Cover to Finish Grade	EA	2	1	4	10	1	8	5	1	8	3
9	Lower Manhole Covers Prior to Cold Planing	EA	1	1	2	4	0	2	0	0	5	0
10	Lower Cleanout / Water / Gas Valve Cover Prior to Cold	EA	1	0	0	0	0	2	0	0	0	1
11	Adjust Manhole Covers to Finish Grade	EA	2	2	5	13	1	10	3	4	8	3
12	Adjust Cleanout / Water / Gas Valve Cover to Finish Gra	EA	1	0	0	0	0	2	1	0	0	1
13	Install Blue RPM's @ Fire Hydrant	EA	0	1	3	4	0	2	0	2	1	2
14	6" White Lines (Thermo)	LF	0	0	210	0	0	0	0	0	0	0
15	12" White Hatch (Thermo)	LF	0	0	0	0	0	0	0	0	0	0
16	12" White Crosswalk/Limit Line (Thermo)	LF	0	0	20	140	0	0	0	25	0	0
17	12" Yellow Crosswalk (Thermo)	LF	0	0	0	0	0	0	0	0	0	0
18	24" White (Thermo)	LF	0	0	0	0	0	0	0	0	0	0
19	24" Yellow (Thermo)	LF	0	0	0	0	0	0	0	0	0	0
20	Striping Detail # 22 (Thermo & Markers)	LF	0	0	350	480	0	0	170	60	50	100
21	Striping Detail 38	LF	0	0	0	0	0	0	0	0	0	0
22	Striping Detail # 40A (Thermo)	LF	0	0	0	0	0	0	0	0	0	0
23	"Ahead Legend" Yellow (Pre-formed thermo)	EA	0	0	0	2	0	0	0	0	0	0
24	"STOP" Legend (Pre-formed Thermo)	EA	0	0	0	7	0	0	0	2	0	0
25	"SLOW" Legend (Pre-formed Thermo)	EA	0	0	0	0	0	0	0	0	0	0
26	"SCHOOL" Legend (Pre-formed Thermo)	EA	0	0	0	0	0	0	0	0	0	0
27	"XING" Legend (Pre-formed Thermo)	EA	0	0	0	0	0	0	0	0	0	0
28	"25" Legend (Pre-formed Thermo)	EA	0	0	0	1	0	0	0	1	0	0
29	"YIELD" Legend (Pre-formed Thermo)	EA	0	0	0	1	0	0	0	0	0	0
30	"BUMP" Legend (Pre-formed Thermo)	EA	0	0	0	0	0	0	0	0	4	0
31	Green Bike Lane (Pre-formed Thermo)	SF	0	0	0	0	0	0	0	0	0	0
32	Bike Rider Symbol Left Facing (Pre-formed white on gre	EA	0	0	0	0	0	0	0	0	0	0
33	Bike Rider Arrow (Pre-Formed white on green)	EA	0	0	0	0	0	0	0	0	0	0
34	Arrow Type III (Pre-formed Thermo)	EA								0		
35	Arrow Type IV (Pre-formed Thermo)	EA	0	0	0	0	0	0	0	0	0	0
36	Replace Traffic Signal Loops	EA	0	0	0	0	0	0	0	0	0	0
37	Remove/Install Speed Bump (Modified City detail 17-A 12' section)	EA	0	0	0	0	0	0	0	0	2	0
38	Type D HMA Dike	LF	0	0	0	0	0	0	0	0	0	0
39	Type E HMA Dike	LF	0	0	0	0	0	0	0	0	0	0
40	Remove Existing 4" Shoulder/ Replace with 4" HMA	SF	0	0	0	0	0	0	0	0	0	0
41	Regrade Shoulder to drain	SF	0	0	0	0	0	0	0	0	0	0
42	Shoulder Backing	SF	0	0	0	0	0	0	0	0	0	0

Estimated Quantities -

2018 Pavement Maintenance Project												
Engineer's Estimate - \$3,000,000.00												
		AREA #	19	19	19	19	2	2	21	21	22	22
Estimated Quantities			OVERLAY	OVERLAY	OVERLAY	OVERLAY	OVERLAY	OVERLAY	OVERLAY	OVERLAY	OVERLAY	OVERLAY
BID ITEM NO.	BID ITEM	UNIT	Clifford Ct (Clifford to End)	Clifford Dr (E Estates to Blaney)	La Mar Ct (E Estates to End)	E Estates Dr (Lindenbrook to Vicksburg)	Alves Dr (Stelling to Saich)	Mariani Ave (Bandlely to De Anza)	Phil Ct (Phil to End)	Phil Ln (Miller to Tantau)	Johnson Ave (Wunderlich to Barnhart)	Stern Ave (Tilson to Loree)
		AREA	4232	51180	7300	118570	42840	19909	5800	67382	39018	41000
1	Traffic Control	LS		---				---				
2	Leveling Course -No. 4 Hot Mix Asphalt Type A	TN	13	154	22	356	129	60	17	202	117	123
3	Hot Mix Asphalt, 1/2" Maximum Type A	TN	54	653	93	1,512	546	254	74	859	497	523
4	Pavement Fabric	SY	470	5,687	811	13,174	4,760	2,212	644	7,487	4,335	4,556
5	Keycut A	LF	280	3000	400	6000	2300	1000	350	3094	2000	2100
6	keycut B	LF	0	400	60	450	120	120	60	240	110	130
7	Dig Out 6" AC	SY	0	0	0	0	0	0	0	0	0	0
8	Adjust Survey Monument Cover to Finish Grade	EA	1	8	2	16	5	0	1	3	2	2
9	Lower Manhole Covers Prior to Cold Planing	EA	0	0	0	6	0	2	0	8	0	0
10	Lower Cleanout / Water / Gas Valve Cover Prior to Cold	EA	0	0	1	3	3	0	0	2	0	0
11	Adjust Manhole Covers to Finish Grade	EA	1	10	1	16	8	5	2	15	0	1
12	Adjust Cleanout / Water / Gas Valve Cover to Finish Gra	EA	0	0	1	3	3	0	0	2	0	0
13	Install Blue RPM's @ Fire Hydrant	EA	0	2	0	4	4	1	0	3	0	2
14	6" White Lines (Thermo)	LF	0	0	0	0		0	0	0	0	0
15	12" White Hatch (Thermo)	LF	0	0	0	0	140	0	0	0	0	0
16	12" White Crosswalk/Limit Line (Thermo)	LF	0	120	0	300	0	60	0	240	40	50
17	12" Yellow Crosswalk (Thermo)	LF	0	0	0	0	0	0	0	250	0	0
18	24" White (Thermo)	LF	0	0	0	0	0	140	0	0	0	0
19	24" Yellow (Thermo)	LF	0	130	0	0	0	0	0	0	0	0
20	Striping Detail # 22 (Thermo & Markers)	LF	0	180	0	2220	740	0	0	200	0	0
21	Striping Detail 38	LF	0	0	0	0	0	0	0	30'	0	0
22	Striping Detail # 40A (Thermo)	LF	0	0	0	0	0	40	0	0	0	0
23	"Ahead Legend" Yellow (Pre-formed thermo)	EA	0	0	0	1	0	0	0	0	0	0
24	"STOP" Legend (Pre-formed Thermo)	EA	0	2	1	8	0	1	0	5	1	2
25	"SLOW" Legend (Pre-formed Thermo)	EA	0	0	0	0	0	0	0	1	0	0
26	"SCHOOL" Legend (Pre-formed Thermo)	EA	0	0	0	0	0	0	0	1	0	0
27	"XING" Legend (Pre-formed Thermo)	EA	0	0	0	0	0	0	0	1	0	0
28	"25" Legend (Pre-formed Thermo)	EA	0	1	0	1	0	1	0	1	0	0
29	"YIELD" Legend (Pre-formed Thermo)	EA	0	0	0	0	0	0	0	0	0	0
30	"BUMP" Legend (Pre-formed Thermo)	EA	0	0	0	4	0	0	0	0	0	4
31	Green Bike Lane (Pre-formed Thermo)	SF	0	0	0	0	0	0	0	0	0	0
32	Bike Rider Symbol Left Facing (Pre-formed white on gre	EA	0	0	0	0	0	0	0	0	0	0
33	Bike Rider Arrow (Pre-Formed white on green)	EA	0	0	0	0	0	0	0	0	0	0
34	Arrow Type III (Pre-formed Thermo)	EA						1	0	0	0	0
35	Arrow Type IV (Pre-formed Thermo)	EA	0	0	0	0	0	2	0	3	0	0
36	Replace Traffic Signal Loops	EA	0	0	0	0	0	12	0	8	0	0
37	Remove/Install Speed Bump (Modified City detail 17-A 12' section)	EA	0	0	0	2	1	0	0	0	0	2
38	Type D HMA Dike	LF	0	0	0	0	0	0	0	0	0	0
39	Type E HMA Dike	LF	0	0	0	0	0	0	0	0	0	0
40	Remove Existing 4" Shoulder/ Replace with 4" HMA	SF	0	0	0	0	0	0	0	0	0	0
41	Regrade Shoulder to drain	SF	0	0	0	0	0	0	0	0	0	0
42	Shoulder Backing	SF	0	0	0	0	0	0	0	0	0	0

Estimated Quantities -

2018 Pavement Maintenance Project												
Engineer's Estimate - \$3,000,000.00												
		AREA #	22	26	27	27	29	31	31	31	32	33
Estimated Quantities			OVERLAY	OVERLAY	Overlay	OVERLAY	OVERLAY	OVERLAY	OVERLAY	OVERLAY	OVERLAY	OVERLAY
BID ITEM NO.	BID ITEM	UNIT	Wunderlich (Bollinger to Gascoigne)	Merritt Dr (N Portal to E End)	Plum Tree (Merritt to Forest)	Vista Ct (Vista to End)	Franco Ct (Homestead to 310' South of Homestead)	Adriana Ave (Mann to End)	Florence (Phar Lap to End)	Phar Lap Dr (Madera to Stevens Creek)	Crescent Rd (Hillcrest to Cupertino Rd)	Cass Place (Janice to End)
		AREA	41648	38000	48322	8103	12000	39,373	19266	100735	33000	17,500
1	Traffic Control	LS	---	---					---	---	---	
2	Leveling Course -No. 4 Hot Mix Asphalt Type A	TN	125	114	145	24	36	118	58	302	99	53
3	Hot Mix Asphalt, 1/2" Maximum Type A	TN	531	485	616	103	153	502	246	1,284	421	223
4	Pavement Fabric	SY	4,628	4,222	5,369	900	1,333	4,375	2,141	11,193	3,667	1,944
5	Keycut A	LF	2200	1684	2250	510	620	2050	1100	4860	2000	930
6	keycut B	LF	110	226	230	60	108	36	60	420	240	60
7	Dig Out 6" AC	SY	0	0	0	0	0	0	0	0	0	0
8	Adjust Survey Monument Cover to Finish Grade	EA	6	3	5	1	0			22		1
9	Lower Manhole Covers Prior to Cold Planing	EA	2	0	0	0	0	0	2	3	6	2
10	Lower Cleanout / Water / Gas Valve Cover Prior to Cold	EA	0	0	0	0	0	3	0	0	1	1
11	Adjust Manhole Covers to Finish Grade	EA	4	8	4	1	0	2	2	14	7	5
12	Adjust Cleanout / Water / Gas Valve Cover to Finish Gra	EA	0	0	0	0	0	3	0	0	3	1
13	Install Blue RPM's @ Fire Hydrant	EA	1	1	1	0	0	2	1	3	2	0
14	6" White Lines (Thermo)	LF	0	0	0	0	0	0	0	0	0	0
15	12" White Hatch (Thermo)	LF	0	0	0	0	0	0	0	0	0	0
16	12" White Crosswalk/Limit Line (Thermo)	LF	0	110	0	0	130	20	0	25	0	30
17	12" Yellow Crosswalk (Thermo)	LF	0	0	50	0	0	0	0	0	0	0
18	24" White (Thermo)	LF	0	0	0	0	0	0	0	190	0	0
19	24" Yellow (Thermo)	LF	0	0	0	0	0	0	0	0	0	0
20	Striping Detail # 22 (Thermo & Markers)	LF	0	0	420	0	50	250	0	150	90	0
21	Striping Detail 38	LF	0	0	0	0	40	0	0	0	0	0
22	Striping Detail # 40A (Thermo)	LF	0	0	0	0	0	0	0	0	0	0
23	"Ahead Legend" Yellow (Pre-formed thermo)	EA	0	0	0	0	0	0	0	0	0	0
24	"STOP" Legend (Pre-formed Thermo)	EA	1	1	1	0	0	0	0	1	0	1
25	"SLOW" Legend (Pre-formed Thermo)	EA	0	0	0	0	0	0	0	0	0	0
26	"SCHOOL" Legend (Pre-formed Thermo)	EA	0	0	0	0	0	0	0	0	0	0
27	"XING" Legend (Pre-formed Thermo)	EA	0	0	0	0	0	0	0	0	0	0
28	"25" Legend (Pre-formed Thermo)	EA	1	0	0	0	0	0	0	1	0	0
29	"YIELD" Legend (Pre-formed Thermo)	EA	0	0	0	0	0	1	0	0	0	0
30	"BUMP" Legend (Pre-formed Thermo)	EA	0	0	0	0	0	0	0	0	0	0
31	Green Bike Lane (Pre-formed Thermo)	SF	0	0	0	0	0	0	0	0	0	0
32	Bike Rider Symbol Left Facing (Pre-formed white on gre	EA	0	0	0	0	0	0	0	0	0	0
33	Bike Rider Arrow (Pre-Formed white on green)	EA	0	0	0	0	0	0	0	0	0	0
34	Arrow Type III (Pre-formed Thermo)	EA	0	0	0	0	0	0	0	0	0	0
35	Arrow Type IV (Pre-formed Thermo)	EA	0	0	0	0	1	0	0	0	0	0
36	Replace Traffic Signal Loops	EA	0	0	0	0	0	0	0	0	0	0
37	Remove/Install Speed Bump (Modified City detail 17-A 12' section)	EA	0	0	0	0	0	0	0	0	0	0
38	Type D HMA Dike	LF	0	0	0	0	0	0	0	0	0	0
39	Type E HMA Dike	LF	0	0	0	0	0	0	0	0	400	0
40	Remove Existing 4" Shoulder/ Replace with 4" HMA	SF	0	0	0	0	0	0	0	0	2,000	0
41	Regrade Shoulder to drain	SF	0	0	0	0	0	0	0	0	0	0
42	Shoulder Backing	SF	0	0	0	0	0	0	0	0	1,200	0

Estimated Quantities -

2018 Pavement Maintenance Project												
Engineer's Estimate - \$3,000,000.00												
		AREA #	33	36	6	6	6	6	6	6	6	6
Estimated Quantities			OVERLAY	OVERLAY	OVERLAY	Overlay	OVERLAY	OVERLAY	OVERLAY	OVERLAY	OVERLAY	OVERLAY
BID ITEM NO.	BID ITEM	UNIT	Ramona Ct (Janice to End)	McKlintock Ln (Voss to Woodridge)	Derbyshire (Orion to Robindell)	Festival Dr (Orogrande to November)	Lunar Ct (Derbyshire to End)	Milky Way (Orion to Derbyshire)	Obsidian Ct (Orogrande to End)	Orion Ln (Stelling to Milky Way)	Orion PI (Orion to End)	Orogrande PI (Stelling to End)
		AREA	24,920	11,620	37,232	10,117	6,922	31,576	6,006	32,663	8,000	26,288
1	Traffic Control	LS										
2	Leveling Course -No. 4 Hot Mix Asphalt Type A	TN	75	35	112	30	21	95	18	98	43	79
3	Hot Mix Asphalt, 1/2" Maximum Type A	TN	318	148	475	129	88	403	77	416	139	335
4	Pavement Fabric	SY	2,769	1,291	4,137	1,124	769	3,508	667	3,629	1,226	2,921
5	Keycut A	LF	1300	900	2200	660	400	1950	400	1950	470	1400
6	keycut B	LF	70	80	140	100	70	150	0	170	0	140
7	Dig Out 6" AC	SY	0	0	0	0	0	0	0	0	0	0
8	Adjust Survey Monument Cover to Finish Grade	EA	4	0	3	3	1	2	1	3	1	7
9	Lower Manhole Covers Prior to Cold Planing	EA	0	0	0	0	0	0	0	2	0	0
10	Lower Cleanout / Water / Gas Valve Cover Prior to Cold	EA	2	0	1	0	0	0	0	0	0	2
11	Adjust Manhole Covers to Finish Grade	EA	4	1	6	3	1	7	1	6	2	2
12	Adjust Cleanout / Water / Gas Valve Cover to Finish Gra	EA	2	0	1	0	0	0	0	0	0	2
13	Install Blue RPM's @ Fire Hydrant	EA	1	0	2	0	0	1	0	1	0	1
14	6" White Lines (Thermo)	LF	0	0	0	0	0	0	0	0	0	0
15	12" White Hatch (Thermo)	LF	0	0	0	0	0	0	0	0	0	0
16	12" White Crosswalk/Limit Line (Thermo)	LF	0	0	0	0	0	0	0	30	0	100
17	12" Yellow Crosswalk (Thermo)	LF	0	0	0	0	0	0	0	0	0	0
18	24" White (Thermo)	LF	0	0	0	0	0	0	0	0	0	0
19	24" Yellow (Thermo)	LF	0	0	0	0	0	0	0	0	0	0
20	Striping Detail # 22 (Thermo & Markers)	LF	0	0	0	0	0	0	0	0	0	40
21	Striping Detail 38	LF	0	0	0	0	0	0	0	0	0	0
22	Striping Detail # 40A (Thermo)	LF	0	0	0	0	0	0	0	0	0	0
23	"Ahead Legend" Yellow (Pre-formed thermo)	EA	0	0	0	0	0	0	0	0	0	0
24	"STOP" Legend (Pre-formed Thermo)	EA	0	0	0	0	0	0	0	1	0	1
25	"SLOW" Legend (Pre-formed Thermo)	EA	0	0	0	0	0	0	0	0	0	0
26	"SCHOOL" Legend (Pre-formed Thermo)	EA	0	0	0	0	0	0	0	0	0	0
27	"XING" Legend (Pre-formed Thermo)	EA	0	0	0	0	0	0	0	0	0	0
28	"25" Legend (Pre-formed Thermo)	EA	0	0	0	0	0	0	0	1	0	1
29	"YIELD" Legend (Pre-formed Thermo)	EA	0	0	0	0	0	0	0	0	0	0
30	"BUMP" Legend (Pre-formed Thermo)	EA	0	0	0	0	0	0	0	0	0	0
31	Green Bike Lane (Pre-formed Thermo)	SF	0	0	0	0	0	0	0	0	0	0
32	Bike Rider Symbol Left Facing (Pre-formed white on gre	EA	0	0	0	0	0	0	0	0	0	0
33	Bike Rider Arrow (Pre-Formed white on green)	EA	0	0	0	0	0	0	0	0	0	0
34	Arrow Type III (Pre-formed Thermo)	EA	0	0	0	0	0	0	0	0	0	0
35	Arrow Type IV (Pre-formed Thermo)	EA	0	0	0	0	0	0	0	0	0	0
36	Replace Traffic Signal Loops	EA	0	0	0	0	0	0	0	0	0	0
37	Remove/Install Speed Bump (Modified City detail 17-A 12' section)	EA	0	0	0	0	0	0	0	0	0	0
38	Type D HMA Dike	LF	0	0	0	0	0	0	0	0	0	0
39	Type E HMA Dike	LF	0	0	0	0	0	0	0	0	380	0
40	Remove Existing 4" Shoulder/ Replace with 4" HMA	SF	0	0	0	0	0	0	0	0	1,984	0
41	Regrade Shoulder to drain	SF	0	0	0	0	0	0	0	0	300	0
42	Shoulder Backing	SF	0	0	0	0	0	0	0	0	0	0

Estimated Quantities -

2018 Pavement Maintenance Project									
Engineer's Estimate - \$3,000,000.00									
		AREA #	6	6	21	2	11	27	
Estimated Quantities			OVERLAY	OVERLAY	6" Dig Outs	6" Dig Outs	6" Dig Outs	GREEN BIKE LANES	
BID ITEM NO.	BID ITEM	UNIT	Robindell Way (Stelling to End)	Squirehill Ct (Stelling to End)	Tantau Ave (Various Locations)	Bandley Dr (Various Locations)	Bubb Rd @ McClellan (Various Locations)	N Blaney at Collins School	TOTAL
		AREA	37,399	19,976	2,122	2,454	2,996		
1	Traffic Control	LS							1
2	Leveling Course -No. 4 Hot Mix Asphalt Type A	TN	112	60	0	0	0	0	4,107
3	Hot Mix Asphalt, 1/2" Maximum Type A	TN	477	255	80	92	112	0	17,694
4	Pavement Fabric	SY	4,155	2,220	0	0	0	0	151,575
5	Keycut A	LF	2100	1100	0	0	0	0	71,018
6	keycut B	LF	140	70	0	0	0	0	5,750
7	Dig Out 6" AC	SY	0	0	236	273	333	0	841
8	Adjust Survey Monument Cover to Finish Grade	EA	4	4	1	0	0	0	155
9	Lower Manhole Covers Prior to Cold Planing	EA	0	1	1	0	1	0	51
10	Lower Cleanout / Water / Gas Valve Cover Prior to Cold	EA	0	2	0	1	0	0	26
11	Adjust Manhole Covers to Finish Grade	EA	4	4	1	0	1	0	200
12	Adjust Cleanout / Water / Gas Valve Cover to Finish Gra	EA	0	2	0	1	0	0	29
13	Install Blue RPM's @ Fire Hydrant	EA	0	0	0	0	0	0	48
14	6" White Lines (Thermo)	LF	0	0	0	0	0	0	210
15	12" White Hatch (Thermo)	LF	0	0	0	0	0	0	140
16	12" White Crosswalk/Limit Line (Thermo)	LF	20	20	60	0	0	0	1,540
17	12" Yellow Crosswalk (Thermo)	LF	0	0	0	0	0	0	300
18	24" White (Thermo)	LF	0	0	0	80	0	0	410
19	24" Yellow (Thermo)	LF	0	0	0	0	80	0	210
20	Striping Detail # 22 (Thermo & Markers)	LF	0	0	0	0	0	0	5,550
21	Striping Detail 38	LF	0	0	0	0	0	0	40
22	Striping Detail # 40A (Thermo)	LF	0	0	0	0	0	0	40
23	"Ahead Legend" Yellow (Pre-formed thermo)	EA	0	0	0	0	0	0	3
24	"STOP" Legend (Pre-formed Thermo)	EA	1	1	1	0	0	0	39
25	"SLOW" Legend (Pre-formed Thermo)	EA	0	0	0	0	0	0	1
26	"SCHOOL" Legend (Pre-formed Thermo)	EA	0	0	0	0	0	0	1
27	"XING" Legend (Pre-formed Thermo)	EA	0	0	0	0	0	0	1
28	"25" Legend (Pre-formed Thermo)	EA	1	0	0	0	0	0	11
29	"YIELD" Legend (Pre-formed Thermo)	EA	0	0	0	0	0	0	2
30	"BUMP" Legend (Pre-formed Thermo)	EA	0	0	0	0	0	0	12
31	Green Bike Lane (Pre-formed Thermo)	SF	0	0	0	0	0	1,500	1,500
32	Bike Rider Symbol Left Facing (Pre-formed white on gre	EA	0	0	0	0	0	1	1
33	Bike Rider Arrow (Pre-Formed white on green)	EA	0	0	0	0	0	1	1
34	Arrow Type III (Pre-formed Thermo)	EA	0	0	0	0	0	0	1
35	Arrow Type IV (Pre-formed Thermo)	EA	0	0	0	0	2	0	8
36	Replace Traffic Signal Loops	EA	0	0	0	0	8	0	28
37	Remove/Install Speed Bump (Modified City detail 17-A 12' section)	EA	0	0	0	0	0	0	7
38	Type D HMA Dike	LF	0	0	0	0	0	0	150
39	Type E HMA Dike	LF	0	0	0	0	0	0	780
40	Remove Existing 4" Shoulder/ Replace with 4" HMA	SF	0	0	0	0	0	0	3,984
41	Regrade Shoulder to drain	SF	0	0	0	0	0	0	300
42	Shoulder Backing	SF	0	0	0	0	0	0	1,200