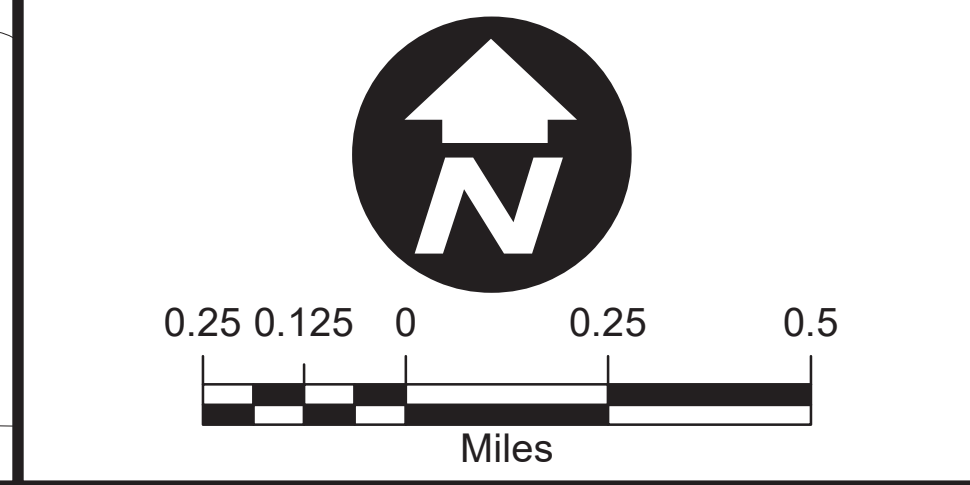
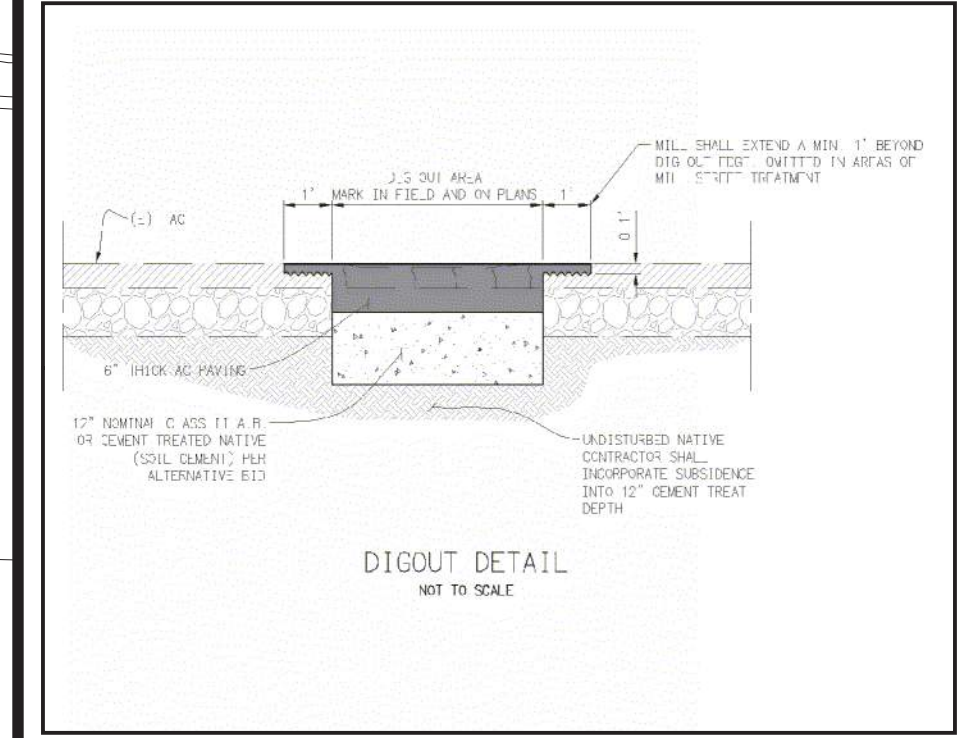
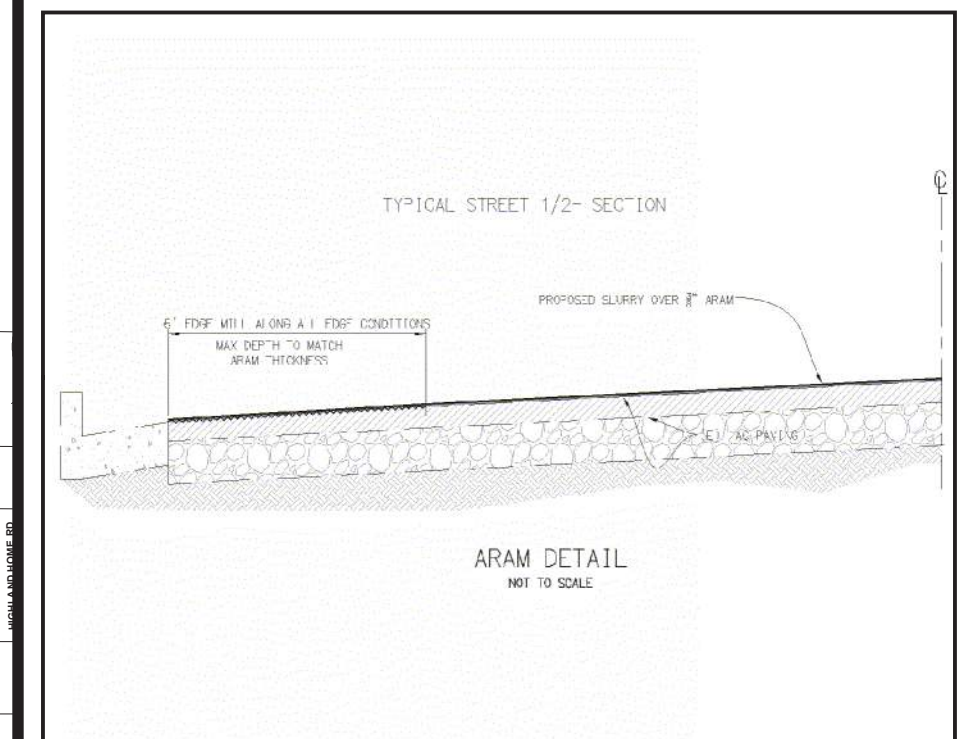
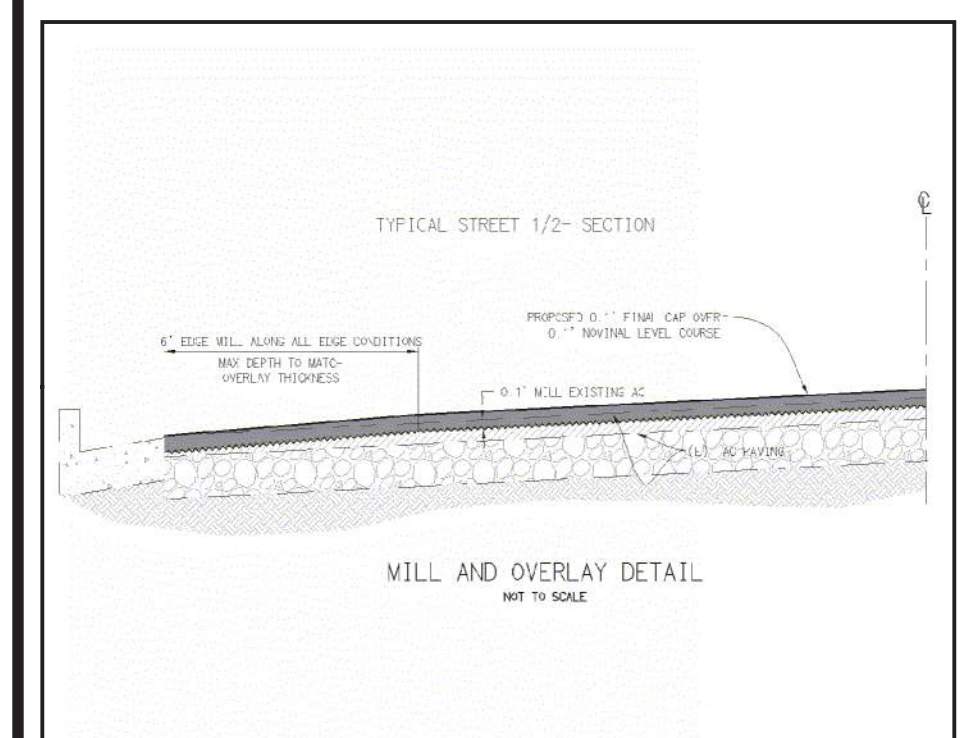


- Legend**
- 20/21 Annual Street Projects**
- Treatment Type**
- Full-Depth R&R
 - Mill & Overlay
 - ARAM Cape Seal
 - Slurry Seal



CITY OF BEAUMONT
20/21 Annual Street Projects
PUBLIC WORKS DEPARTMENT

Date Created: 6/17/21

Public Works Department
 550 E. 6th Street
 Beaumont, CA 92223
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STREET LIST

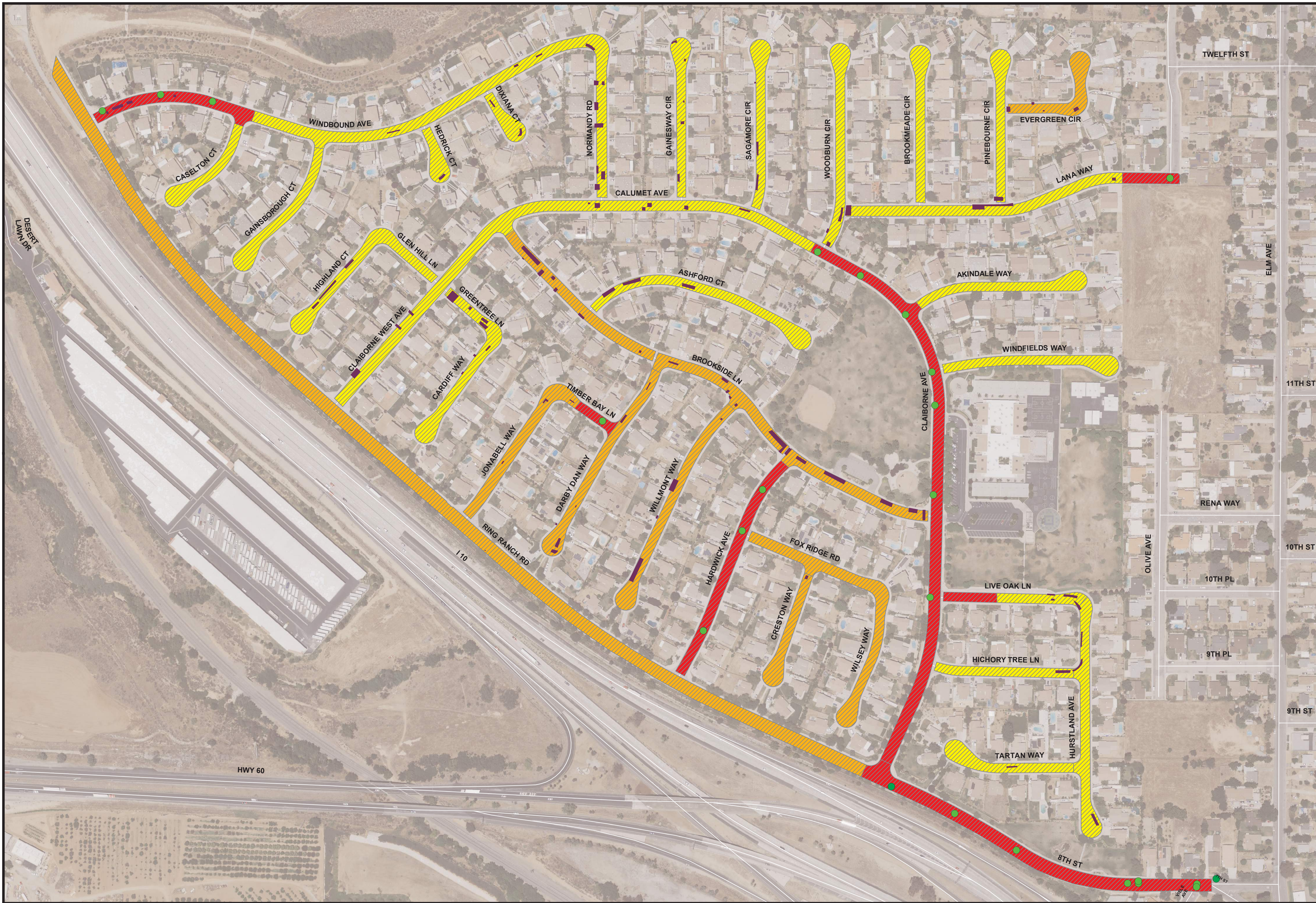
Street	From	To	Treatment Type	Perimeter (LF)	Area (SF)	Location
Winter Pine / Tiffany	Palm	Oro Leaf	Slurry Seal	1,437	20,833	Canyon Ridge
Oro Leaf	Tiffany	Cui-de-sac	Slurry Seal	984	18,056	Canyon Ridge
Running Springs	Oro Leaf	Cougar	Slurry Seal	309	5,134	Canyon Ridge
Cougar	Quail Summit	Kirby	Mill	2,774	71,267	Cougar Ranch
Sunny Slope	Cougar	Mill	SW	10,319	164,442	Cougar Ranch
Quail Summit	Cougar	Cui-de-sac	Slurry Seal	1,761	31,366	Cougar Ranch
Desert Fox	Quail Summit	Cui-de-sac	Slurry Seal	601	10,966	Cougar Ranch
Brown n Bear	Quail Summit	Sunny Slope	Slurry Seal	1,017	16,693	Cougar Ranch
Mesquite Vista	Brown n Bear	Cui-de-sac	Slurry Seal	848	15,179	Cougar Ranch
Perkins	Cui-de-sac	Rancho Vista	None	748	15,040	Curtis
Rancho Vista	Perkins	None	None	1,724	27,344	Curtis
Niven	Rancho Vista	Cui-de-sac	None	861	15,359	Curtis
Rancho Vista	Niven	None	None	1,418	8,250	Curtis
Gateway	Oak Valley	Brutus	None	1,083	19,045	Curtis
Kelly	Rancho Vista	Brutus	None	821	11,834	Curtis
Connor	Parkway	Cui-de-sac	None	553	12,063	Curtis
Parkway	Cui-de-sac	Connor	None	1,887	31,026	Curtis
Dax	Brutus	None	None	578	7,990	Curtis
Brutus	Dax	Kelly	None	3,818	60,955	Curtis
Kelly	Brutus	High Ridge	None	489	6,676	Curtis
Curtis	Brutus	High Ridge	None	497	6,754	Curtis
Kelly	Curtis	None	None	3,927	61,029	Curtis
Casey	Parkway	Cui-de-sac	None	863	7,822	Curtis
Brutus	Cui-de-sac	Dax	None	590	10,868	Curtis
Brutus	Kelly	Desert Law n	None	847	15,378	Curtis
High Ridge	Cui-de-sac	Curtis	None	654	12,092	Curtis
High Ridge	Kelly	Cui-de-sac	None	576	11,003	Curtis
Antonell	Pennsylvania	Cherry	Full-Depth	1,000	16,240	Downtown n
5th	California	Beaumont	None	2,546	54,665	Downtown n
5th	Beaumont	Michigan	None	5,437	115,571	Downtown n
Magnolia	5th	None	None	1,011	19,133	Downtown n
Orange	5th	None	None	1,030	19,733	Downtown n
Maple	5th	None	None	1,027	19,766	Downtown n
Palm	5th	None	None	2,001	30,192	Downtown n
Chestnut	5th	None	None	1,043	19,425	Downtown n
Michigan	5th	None	None	1,068	19,687	Downtown n
Magnolia	6th	None	None	1,421	30,118	Downtown n
Magnolia	7th	None	None	853	17,136	Downtown n
Magnolia	8th	None	None	1,117	20,648	Downtown n
Magnolia	9th	None	None	1,039	18,938	Downtown n
Magnolia	10th	None	None	1,099	20,332	Downtown n
La Quinta	Lakeview	Cui-de-sac	Slurry Seal	461	8,149	Estates at Oak Valley
Masters	Tournament	Slurry Seal	739	11,935	Estates at Oak Valley	
Oak View	Oak Valley	Brookside	Slurry Seal	12,096	310,830	Estates at Oak Valley
Fairway	Willow bend	Slurry Seal	3,013	80,554	Estates at Oak Valley	
Augustas	Fairway	Saint Andrews	Slurry Seal	1,832	31,303	Estates at Oak Valley
Saint Andrews	Augustus	Willow bend	Slurry Seal	600	10,792	Estates at Oak Valley
Willow Bend	Fairway	Saint Andrews	Slurry Seal	2,499	46,312	Estates at Oak Valley
Clayton	Classic	Slurry Seal	1,011	4,625	Estates at Oak Valley	
Classic	Lakeview	Tournament	Slurry Seal	1,458	27,856	Estates at Oak Valley
Lakeview	Classic	Cui-de-sac	Slurry Seal	2,062	39,017	Estates at Oak Valley
Masters	Oak View	Tournament	Slurry Seal	319	4,472	Estates at Oak Valley
Tournament	Classic	Lakeview	Slurry Seal	1,510	27,418	Estates at Oak Valley
Fairway	Oakview	Evergreen	Slurry Seal	327	4,653	Estates at Oak Valley
Aspen Glen	Evergreen	Cui-de-sac	ARAM	1,636	30,460	Estates at Oak Valley
Willow	Aspen Glen	Cui-de-sac	ARAM	229	3,583	Estates at Oak Valley
Alder	Evergreen	Aspen	Slurry Seal	1,345	23,962	Estates at Oak Valley
Aspen	Parkview	Slurry Seal	3,540	67,240	Estates at Oak Valley	
Parkview	Evergreen	Oakview	Slurry Seal	471	8,430	Estates at Oak Valley
Hilview	Evergreen	Creekside	Slurry Seal	1,572	27,032	Estates at Oak Valley
Greenwood	Evergreen	Creekside	ARAM	1,420	23,909	Estates at Oak Valley
Creekside	Greenwood	Hilview	Slurry Seal	626	11,651	Estates at Oak Valley
Cardina	Oakview	Evergreen	Slurry Seal	260	3,379	Estates at Oak Valley
Cardinal	Evergreen	Road Runner	Slurry Seal	1,299	21,877	Estates at Oak Valley
Mocking Bird	Cardinal	Cui-de-sac	Slurry Seal	294	5,780	Estates at Oak Valley
Bluebird	Cardinal	Cui-de-sac	Slurry Seal	835	17,057	Estates at Oak Valley
Robin Glen	Evergreen	Road Runner	Slurry Seal	1,534	27,806	Estates at Oak Valley
Road Runner	Robin Glen	Cardinal	Slurry Seal	684	12,314	Estates at Oak Valley
Lakeside	Oak View	Spy Glass	Slurry Seal	2,449	43,561	Estates at Oak Valley
Spy Glass	Lakeside	Cui-de-sac	Slurry Seal	825	16,319	Estates at Oak Valley
Pine Ridge	Lakeside	Cui-de-sac	Slurry Seal	811	15,420	Estates at Oak Valley
Pinnacle	Lakeside	Oak View	Slurry Seal	835	13,635	Estates at Oak Valley
La Costa	Lakeside	Cui-de-sac	Slurry Seal	435	8,472	Estates at Oak Valley
Rose	Iris	Golden	Slurry Seal	3,382	59,987	Estates at Oak Valley
Iris	Oak View	Rose	Slurry Seal	474	8,894	Estates at Oak Valley
Indigo	Oak View	Rose	Slurry Seal	393	3,855	Estates at Oak Valley
Stargazer	Rose	Primrose	Slurry Seal	1,919	33,752	Estates at Oak Valley
Azalea	Stargazer	Cui-de-sac	Slurry Seal	446	8,888	Estates at Oak Valley
Ivy	Stargazer	Cui-de-sac	Slurry Seal	520	10,027	Estates at Oak Valley
Primrose	Stargazer	Flow er	Slurry Seal	991	16,106	Estates at Oak Valley
Flow er	Primrose	Rose	Slurry Seal	1,583	28,415	Estates at Oak Valley
Indigo	Rose	Golden	Slurry Seal	1,201	20,415	Estates at Oak Valley
Copper	Indigo	Cui-de-sac	Slurry Seal	482	9,809	Estates at Oak Valley
Golden	Indigo	Oak View	Slurry Seal	2,137	38,501	Estates at Oak Valley
Jade	Rose	Cui-de-sac	Slurry Seal	343	6,994	Estates at Oak Valley
Short Iron	Oak View	Double Eagle	Slurry Seal	354	5,045	Estates at Oak Valley
Double Eagle	Tee Time	Caddie	Slurry Seal	1,243	20,885	Estates at Oak Valley
Tee Time	Double Eagle	Long	Slurry Seal	924	18,119	Estates at Oak Valley
Long	Tee Time	Oak View	Slurry Seal	2,619	47,971	Estates at Oak Valley
Caddie	Double Eagle	Long	Slurry Seal	747	13,578	Estates at Oak Valley
Golf	Long	Oak View	Slurry Seal	803	12,983	Estates at Oak Valley
Silver	Golden	Cui-de-sac	Slurry Seal	581	11,193	Estates at Oak Valley
Orekside	Greenwood	Orekside	ARAM	286	4,749	Estates at Oak Valley
Beaumont	Oak Valley	Cougar	Mill	5,660	148,808	Mountain Meadow s
Cedar View	Oak Valley	Cui-de-sac	ARAM	1,221	21,090	Mountain Meadow s
Susan	Cedar View	Trinette	ARAM	1,327	20,373	Mountain Meadow s
Trinette	Cedar View	Cougar	ARAM	2,403	42,826	Mountain Meadow s
Heidi	Trinette	Cui-de-sac	ARAM	529	9,600	Mountain Meadow s
Mountain View Trail	Mountain View Trail	Cui-de-sac	ARAM	2,304	41,421	Mountain Meadow s
Shadow Hills Trail	Mountain View Trail	Cui-de-sac	Slurry Seal	1,876	32,414	Mountain Meadow s
Thunderbird	Shadow Hills	Cougar	Slurry Seal	997	15,558	Mountain Meadow s
Palm	Cedar	Oak Valley	Slurry Seal	2,740	98,275	Mountain Meadow s
Sider Hollow	Cherry Ave	Cui-de-sac	Slurry Seal	2,282	42,538	Pacific Trails
Cedar View	Palm	Trinette	ARAM	1,851	31,694	Pacific Trails
Canyon Crest	Palm	Meadow Crest	ARAM	1,096	19,404	Pacific Trails
Meadow Crest	Cedar View	Canyon Crest	ARAM	870	14,434	Pacific Trails
Pacific Trails	Cedar View	Cui-de-sac	ARAM	632	12,631	Pacific Trails
Canyon Crest	Palm	Apple Canyon	Mill	875	15,572	Pacific Trails
Sequoia	Canyon Crest	Cedar View	Mill	1,055	18,207	Pacific Trails
Spruce	Sequoia	Cui-de-sac	ARAM	421	8,966	Pacific Trails
Palm	Cayon Crest	Cedar View	Mill	1,708	58,912	Pacific Trails
Cedar View	Palm	Apple Canyon	Mill	869	16,008	Pacific Trails
Oak Valley	Oak Valley	Elm	Mill	6,759	206,355	Random
First	Hwy 79	Magnolia	Mill	866	25,327	Random

STREET LIST

Street	From	To	Treatment Type	Perimeter (LF)	Area (SF)	Location
Highland Springs	First	Potrero	Slurry Seal	2,743	52,268	Random
First	Magnolia	Pennsylvania	Slurry Seal	5,582	138,070	Random
Oak Valley	Elm	Beaumont	Slurry Seal	4,367	146,992	Random
Potrero	Diego	Seneca Springs	Slurry Seal	11,814	363,737	Seneca Springs
Luna	First	Flamingo	Slurry Seal	2,104	43,525	Seneca Springs
Enory	First	Flamingo	Slurry Seal	1,984	41,112	Seneca Springs
Leland	Luna	Cold Springs	Slurry Seal	3,650	61,900	Seneca Springs
Cold Spring	Leland	Flamingo	Slurry Seal	2,167	41,123	Seneca Springs
Flamingo	Cui-de-sac	Enory	Slurry Seal	3,349	63,509	Seneca Springs
Stara / Leslie	Flora	Cold Springs	Slurry Seal	1,040	18,607	Seneca Springs
Nutwood	Leland	Flamingo	Slurry Seal	1,566	27,021	Seneca Springs
Banyon / Nory	Nutwood	Flamingo	Slurry Seal	1,494	26,404	Seneca Springs
Ballings	Leland	Flamingo	Slurry Seal	1,515	25,753	Seneca Springs
Helen	Rollingwood	Redwood	Slurry Seal	1,135	20,832	Seneca Springs
Bedford / Sierra / Be	Cui-de-sac	Helen	ARAM	2,970	57,265	Seneca Springs
Playa	Sierra	Luna	Slurry Seal	1,005	16,569	Seneca Springs
Seneca Springs	First	Potrero	ARAM	2,472	83,941	Seneca Springs
Beth	Seneca Springs	New Burn	Slurry Seal	486	9,342	Seneca Springs
New burn	Cui-de-sac	Rollingwood	Slurry Seal	1,463	27,171	Seneca Springs
Redwood	Graham	Helen	Slurry Seal	1,417	26,782	Seneca Springs
Rollingwood	Graham	New burn	Slurry Seal	1,190	22,212	Seneca Springs
Graham	Rollingwood	Redwood	Slurry Seal	1,230	21,387	Seneca Springs
Helen	Rollingwood	Redwood	Slurry Seal	1,232	21,430	Seneca Springs
Harvest	Cui-de-sac	Helen	Slurry Seal	509	9,839	Seneca Springs
Leads	Redwood	First	Slurry Seal	466	8,309	Seneca Springs
Berkshire	First	Potrero	Slurry Seal	2,527	42,670	Seneca Springs
Gordon	Cui-de-sac	Berkshire	ARAM	442	9,073	Seneca Springs
Flora	Cold Springs	Stara	Slurry Seal	548	8,550	Seneca Springs
Stara	Flora	Stara	Mill	283	5,025	Seneca Springs
Emory	Cold Springs	Slurry Seal	995	16,547	Seneca Springs	
Flamingo	Emory	Emory	Mill	332	5,350	Seneca Springs
First	Pennsylvania	Commerce	Slurry Seal	6,708	289,756	Seneca Springs
First	Commerce	Highland Springs	Slurry Seal	3,844	137,885	Seneca Springs
Potrero	Seneca Springs	Highland Springs	Slurry Seal	2,289	68,451	Seneca Springs
Potrero	Seneca Springs	Seneca Springs	Mill	488	12,997	Seneca Springs
Deodar	Monte Verde	Brookside	Slurry Seal	6,380	118,879	Stetson
Sharon	Cui-de-sac	Brookside	Slurry Seal	4,534	81,410	Stetson
Morgan	Monte Verde	Brookside	Slurry Seal	2,230	38,393	Stetson
Tumbleweed	Monte Verde	Cui-de-sac	Slurry Seal	857	15,293	Stetson
Carmel	Deodar	Cui-de-sac	Slurry Seal	309	6,250	Stetson
Deodar	Deodar	Cui-de-sac	Slurry Seal	587	11,549	Stetson
Cactus / Wren	Deodar	Cui-de-sac	Slurry Seal	840	14,813	Stetson
Katherine	Deodar	Cui-de-sac	Slurry Seal	941	16,251	Stetson
Deodar	Deodar	Cui-de-sac	Slurry Seal	927	16,040	Stetson
Santa Paula	Deodar	Cui-de-sac	Slurry Seal	850	14,853	Stetson
Sharon	Monte Verde	Cui-de-sac	Slurry Seal	478	8,779	Stetson
Tw in Oaks	Monte Verde	Cui-de-sac	Slurry Seal	643	11,457	Stetson
Monte Verde	Deodar	Sharon	ARAM	451	6,693	Stetson
Windbound	Casleton	Calumet	Slurry Seal	3,691	67,706	Three Rings
Casleton	Cui-de-sac	Windbound	Slurry Seal	832	14,405	Three Rings
Gainsborough	Cui-de-sac	Windbound	Slurry Seal	1,101	19,219	Three Rings

CURB RAMP LIST

Street A	Street B	Corner	Type
Agnes	Jon Gilbert	SE	A
Beaumont	Oak Valley	NE	A
Beaumont	Oak Valley	NW	A
Beaumont	Oak Valley	SE	A
Beaumont	Oak Valley	NE	A
Beaumont	Oak Valley	SE	A
Beaumont	Oak Valley	NE	A
Beaumont	Oak Valley	SE	A
Beaumont			



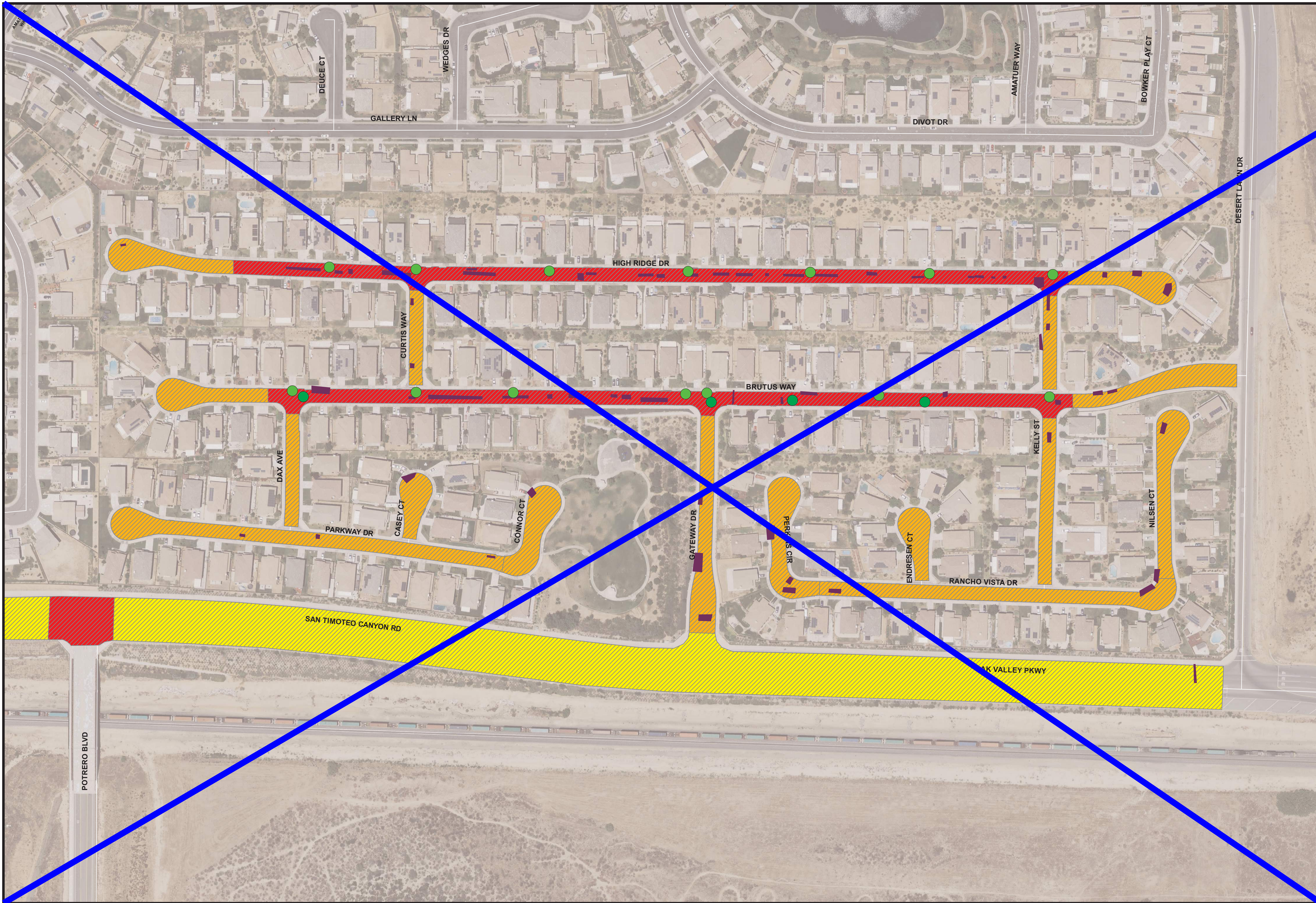
- LEGEND**
- Storm Drain Manhole
 - Sewer Manhole
 - Dig Out
- R-03 & 04 Streets**
- Treatment Type**
- █ Mill & Overlay
 - █ ARAM Cape Seal
 - █ Slurry Seal



CITY OF BEAUMONT
20/21 Annual Street Projects - Three Rings
PUBLIC WORKS DEPARTMENT

Date Created: 6/17/21

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- LEGEND**
- Storm Drain Manhole
 - Sewer Manhole
 - Dig Out
- R-03 & 04 Streets**
- Treatment Type**
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 - ARAM Cape Seal
 - Slurry Seal



CITY OF BEAUMONT
20/21 Annual Street Projects - Curtis
PUBLIC WORKS DEPARTMENT

NOT A PART

Date Created: 6/17/21

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LEGEND

- Signal_loop
- Storm Drain Manhole
- Sewer Manhole
- Dig Out

R-03 & 04 Streets

Treatment Type

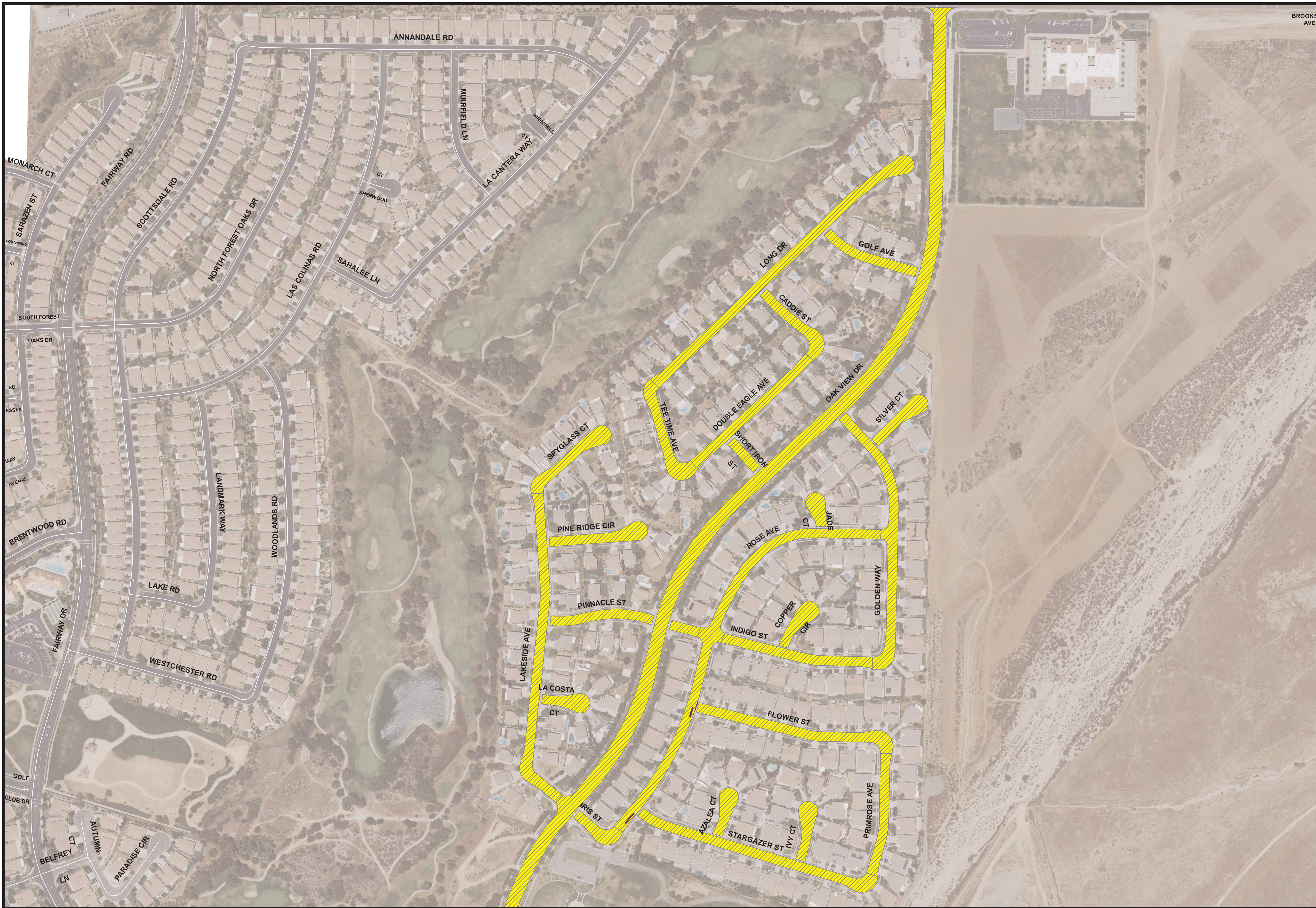
- Mill & Overlay
- ARAM Cape Seal
- Slurry Seal



CITY OF BEAUMONT
20/21 Annual Street Projects - The Estates at Oak Valley (1 of 2)
PUBLIC WORKS DEPARTMENT

Date Created: 6/17/21

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LEGEND

- BCVWD Valves
- Storm Drain Manhole
- Sewer Manhole
- Dig Out

R-03 & 04 Streets

Treatment Type

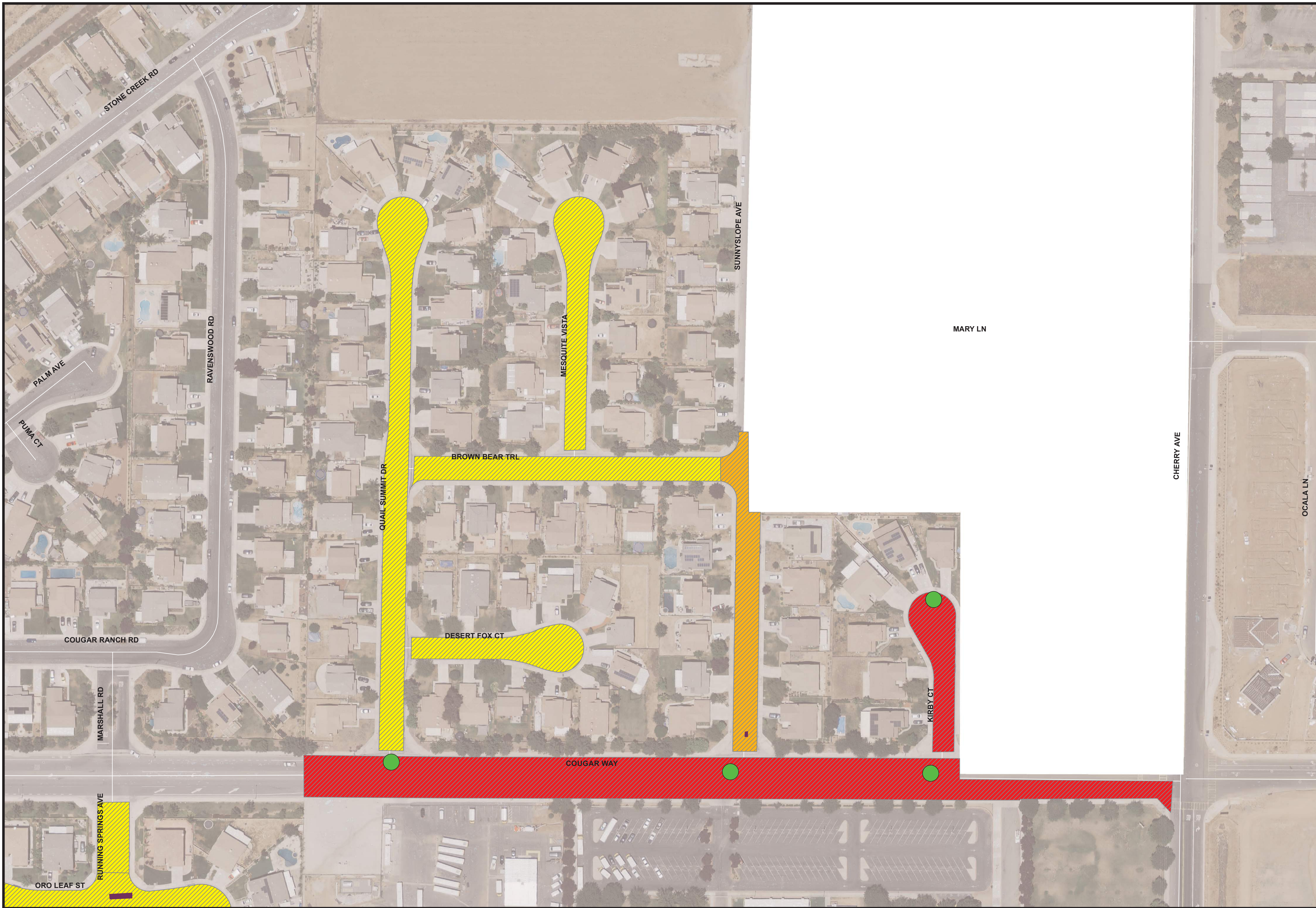
- Mill & Overlay
- ARAM Cape Seal
- Slurry Seal



CITY OF BEAUMONT
20/21 Annual Street Projects - The Estates at Oak Valley (2 of 2)
PUBLIC WORKS DEPARTMENT

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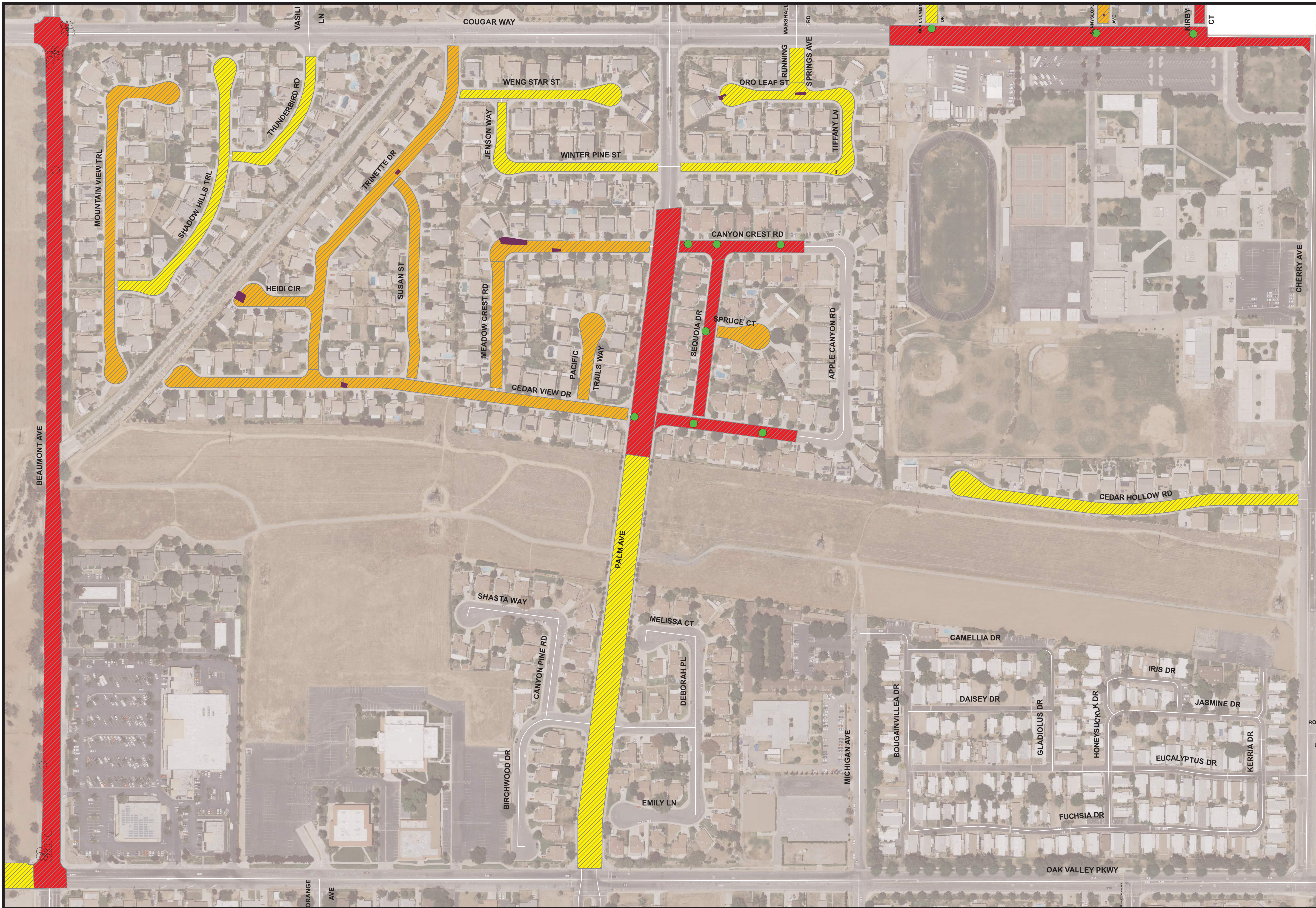
- LEGEND**
- Storm Drain Manhole
 - Sewer Manhole
 - Dig Out
- R-03 & 04 Streets**
- Treatment Type**
- Mill & Overlay
 - ARAM Cape Seal
 - Slurry Seal



Date Created: 6/17/21

CITY OF BEAUMONT
20/21 Annual Street Projects - Cougar Ranch Improvement Area 9
PUBLIC WORKS DEPARTMENT

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LEGEND

- Signal_loop
- Storm Drain Manhole
- Sewer Manhole
- Dig Out

R-03 & 04 Streets

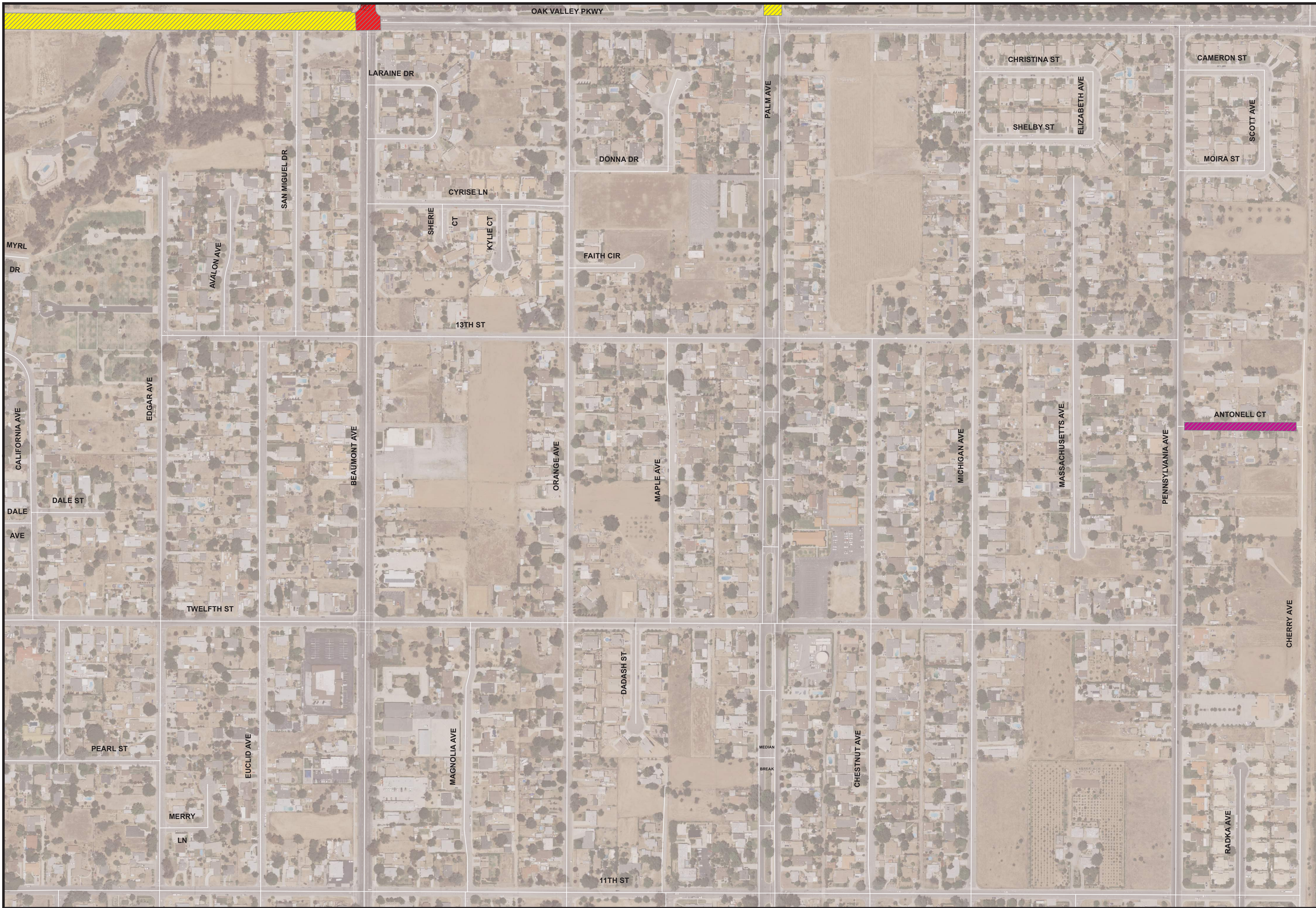
Treatment Type

- Mill & Overlay
- ARAM Cape Seal
- Slurry Seal

CITY OF BEAUMONT
20/21 Annual Street Projects - Mountain Meadows, Canyon Ridge, & Pacific Trails
PUBLIC WORKS DEPARTMENT

Date Created: 6/17/21

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LEGEND

- Signal_loop
- Storm Drain Manhole
- Sewer Manhole
- Dig Out

R-03 & 04 Streets

Treatment Type

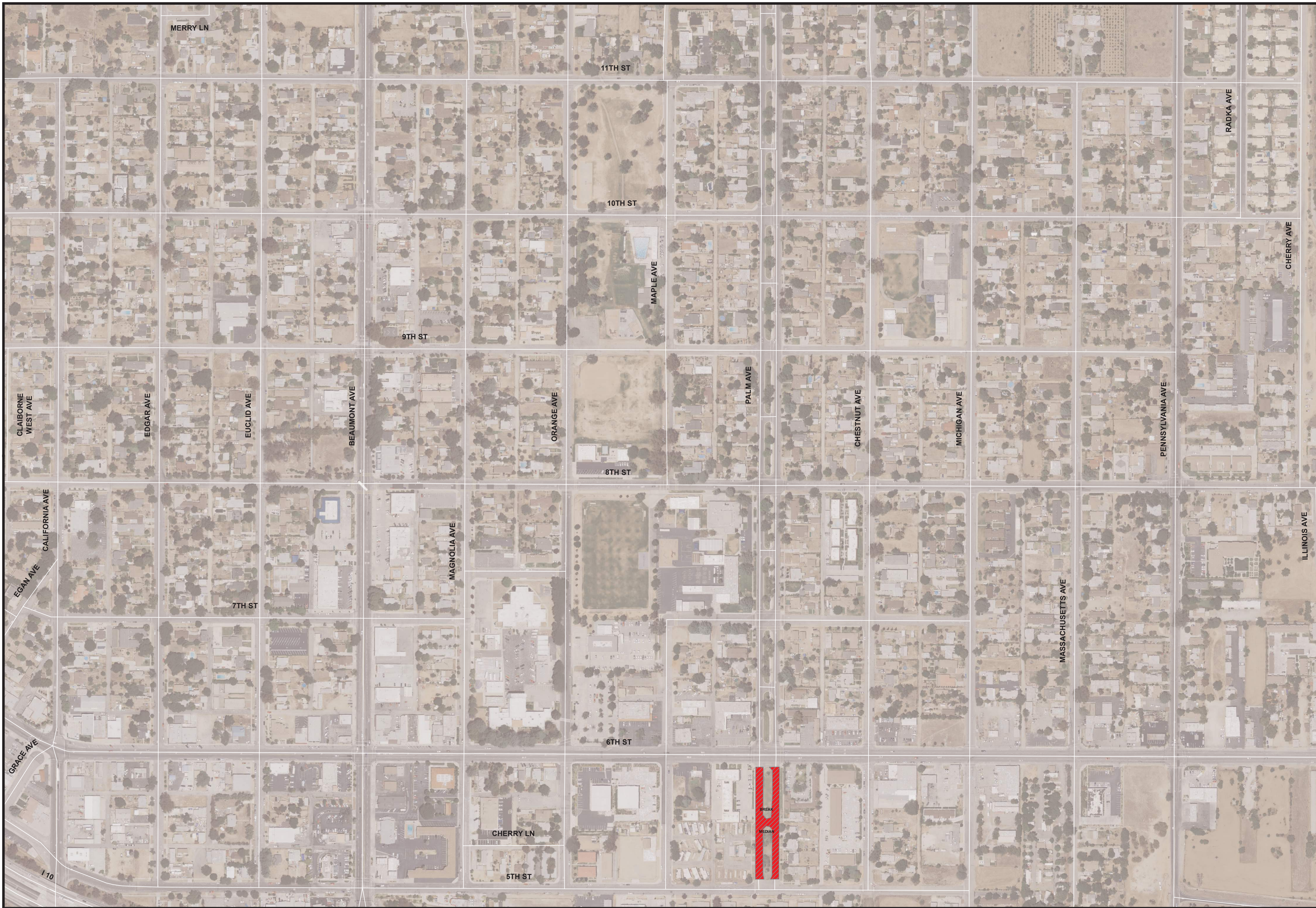
- Full-Depth
- Mill & Overlay
- ARAM Cape Seal
- Slurry Seal



CITY OF BEAUMONT
20/21 Annual Street Projects - Downtown (North of 11th)
PUBLIC WORKS DEPARTMENT

Date Created: 6/17/21

Public Works Department
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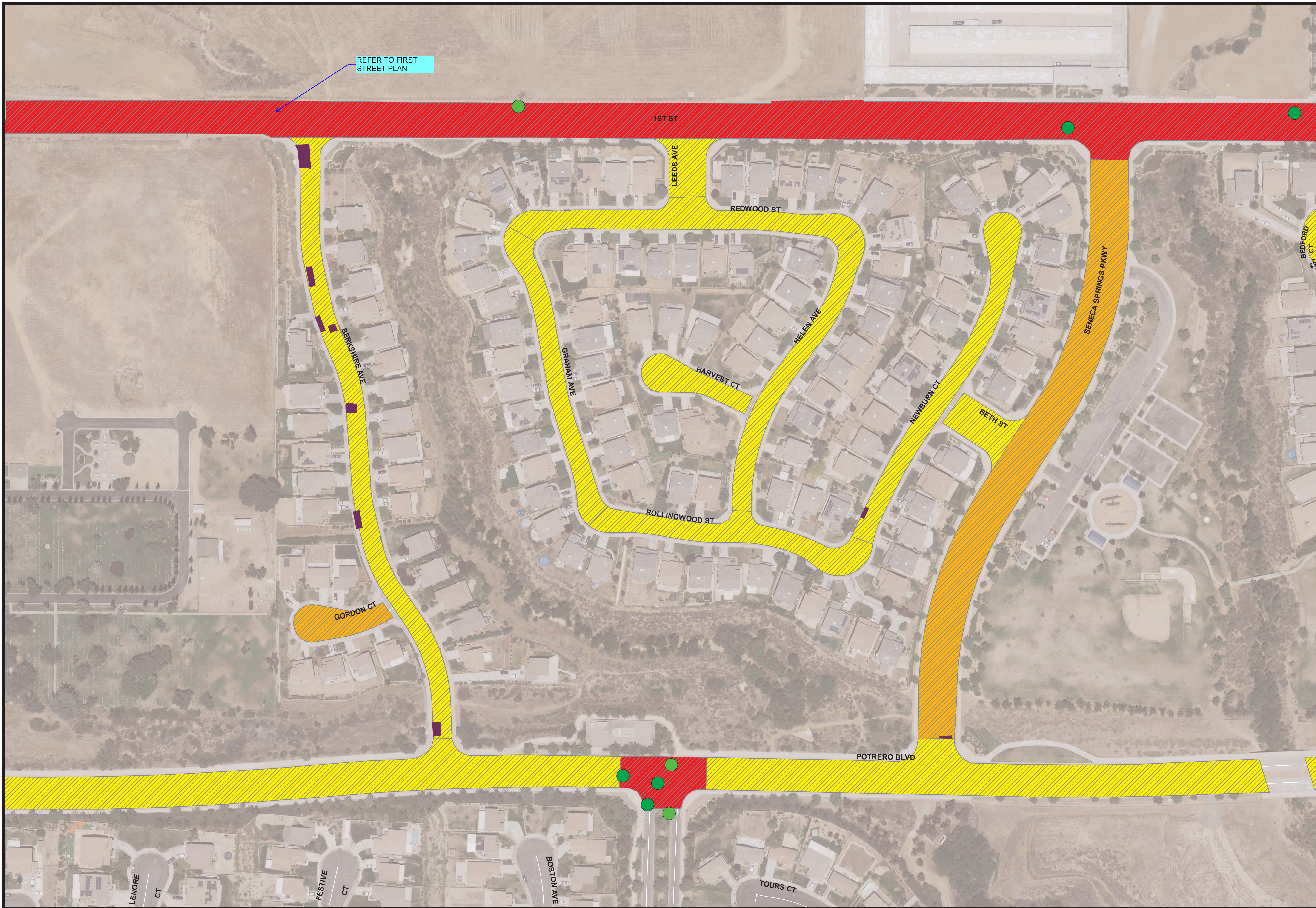
- LEGEND**
- Storm Drain Manhole
 - Sewer Manhole
 - Dig Out
- R-03 & 04 Streets**
- Treatment Type**
- ▨ Mill & Overlay
 - ▨ ARAM Cape Seal
 - ▨ Slurry Seal



CITY OF BEAUMONT
20/21 Annual Street Projects - Downtown (South of 11th)
PUBLIC WORKS DEPARTMENT

Date Created: 6/17/21

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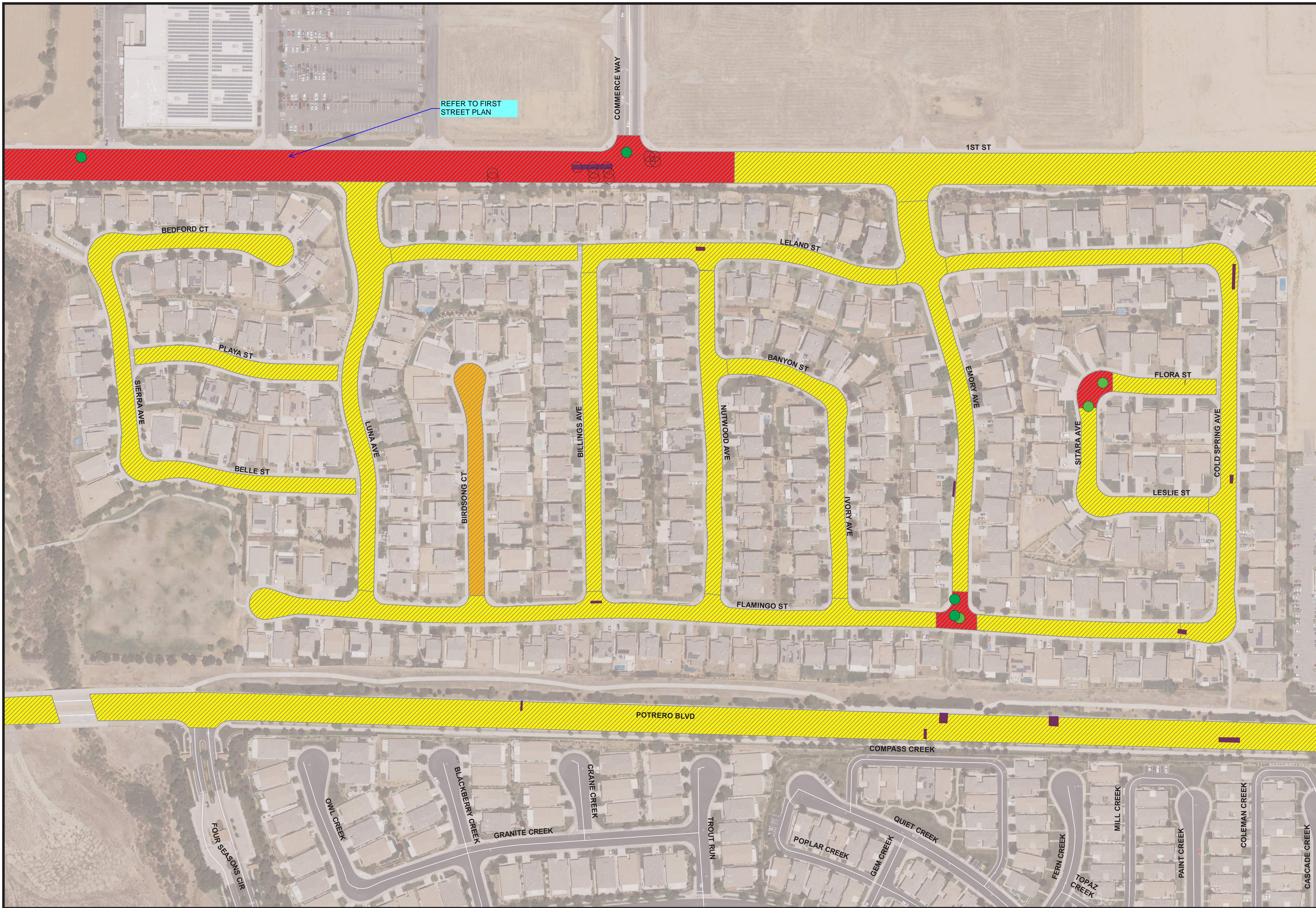
- LEGEND**
- Signal_loop
 - Storm Drain Manhole
 - Sewer Manhole
 - Dig Out
- R-03 & 04 Streets**
- Treatment Type**
- Mill & Overlay
 - ARAM Cape Seal
 - Slurry Seal



CITY OF BEAUMONT
20/21 Annual Street Projects - Seneca Springs (1 of 2)
PUBLIC WORKS DEPARTMENT

Date Created: 6/17/21

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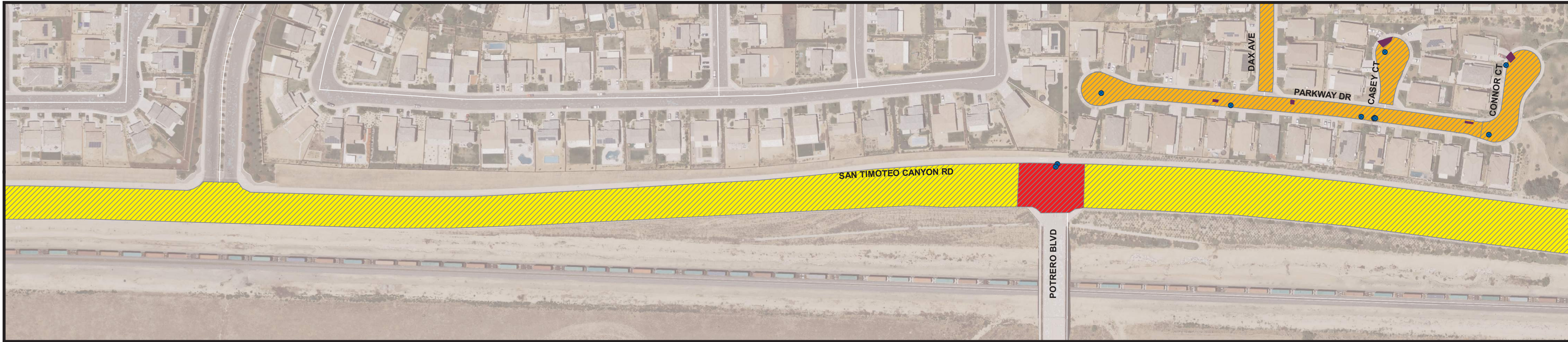
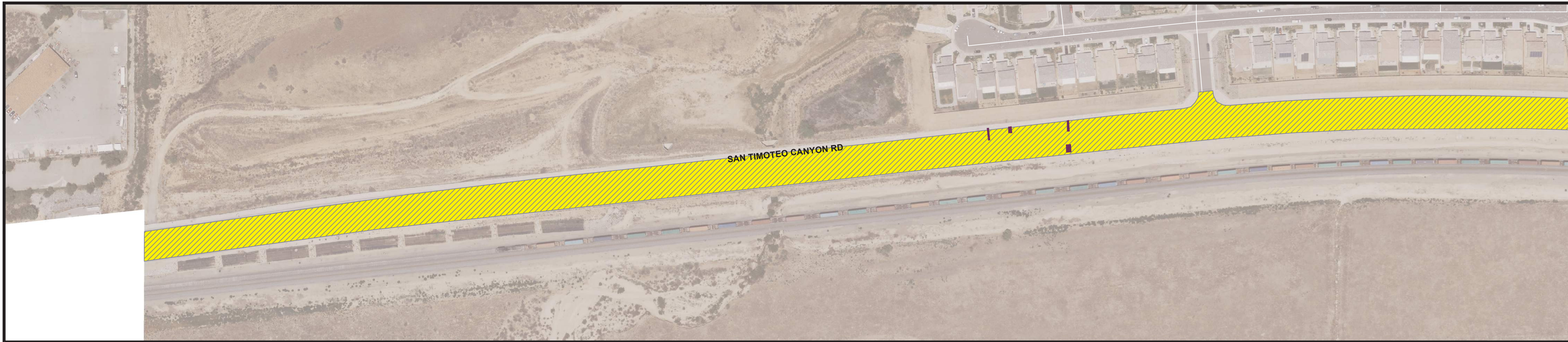
- LEGEND**
- Signal_loop
 - Storm Drain Manhole
 - Sewer Manhole
 - Dig Out
- R-03 & 04 Streets**
- Treatment Type**
- Mill & Overlay
 - ARAM Cape Seal
 - Slurry Seal



CITY OF BEAUMONT
20/21 Annual Street Projects - Seneca Springs (2 of 2)
PUBLIC WORKS DEPARTMENT

Date Created: 6/17/21

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LEGEND

- Signal_loop
- Storm Drain Manhole
- Sewer Manhole
- Dig Out

R-03 & 04 Streets

Treatment Type

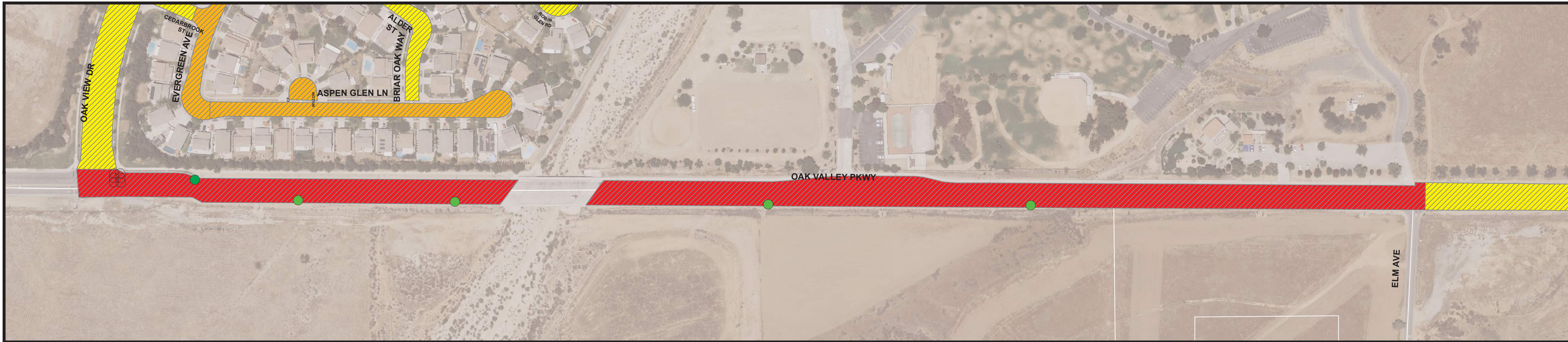
- Mill & Overlay
- ARAM Cape Seal
- Slurry Seal



Date Created: 6/17/21

CITY OF BEAUMONT
20/21 Annual Street Projects - Oak Valley Parkway (City Limit to I-10)
PUBLIC WORKS DEPARTMENT


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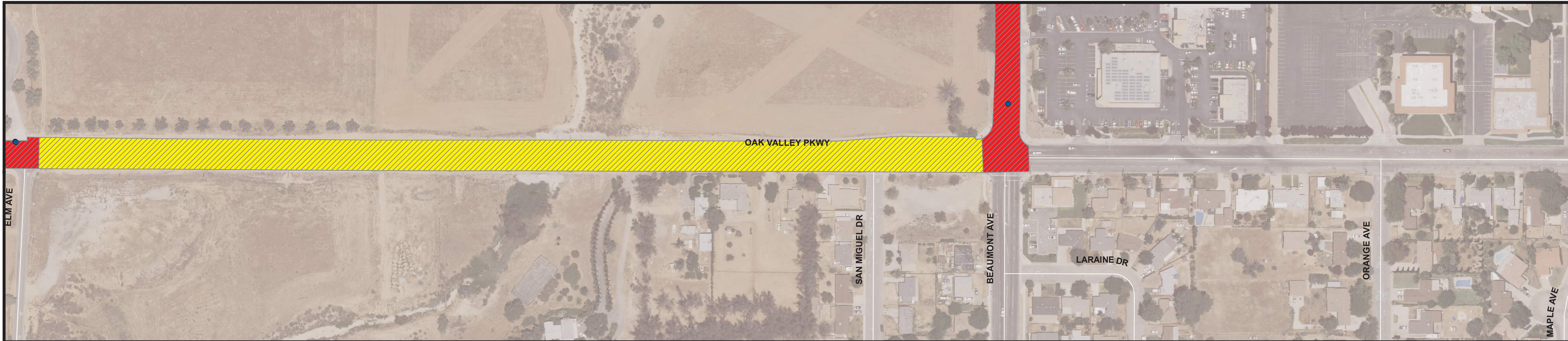


LEGEND

- Signal_loop
- Storm Drain Manhole
- Sewer Manhole
- Dig Out

R-03 & 04 Streets

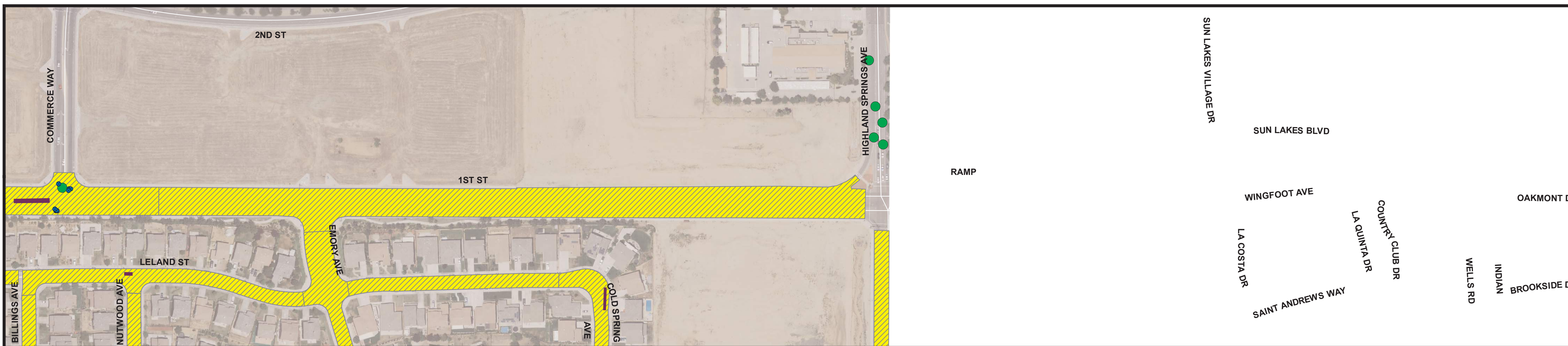
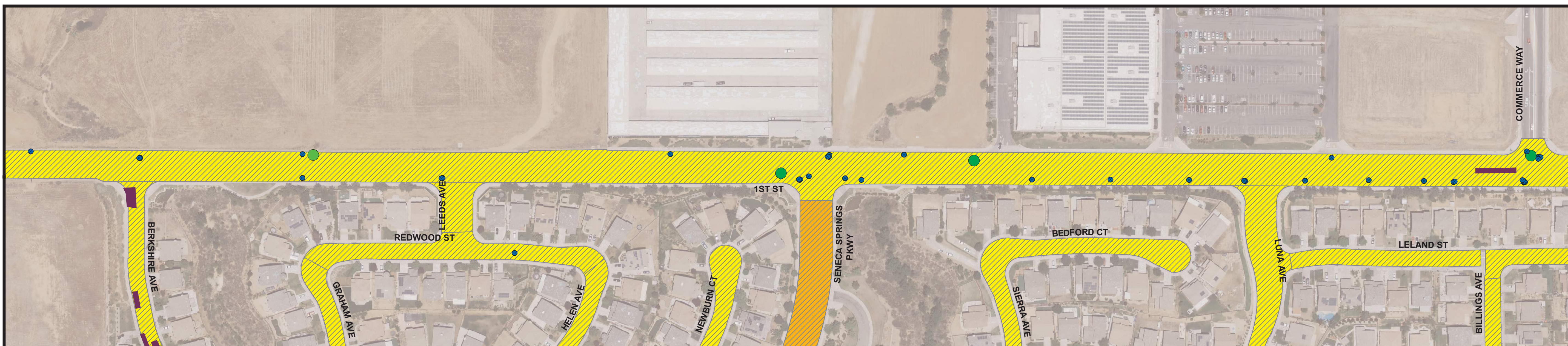
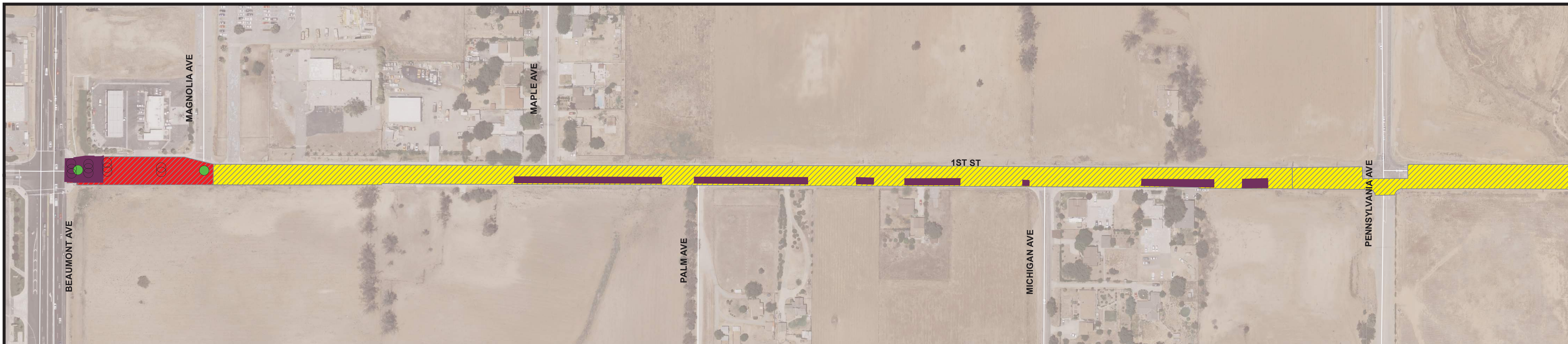
- Treatment Type**
- Mill & Overlay
 - ARAM Cape Seal
 - Slurry Seal



CITY OF BEAUMONT
20/21 Annual Street Projects - Oak Valley Parkway (Oak View to Beaumont)
PUBLIC WORKS DEPARTMENT

Date Created: 6/17/21





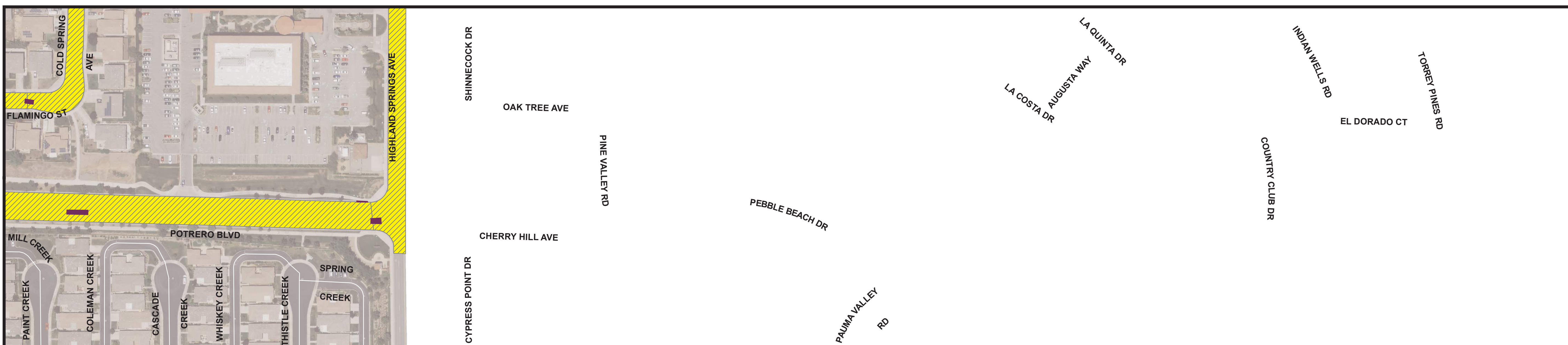
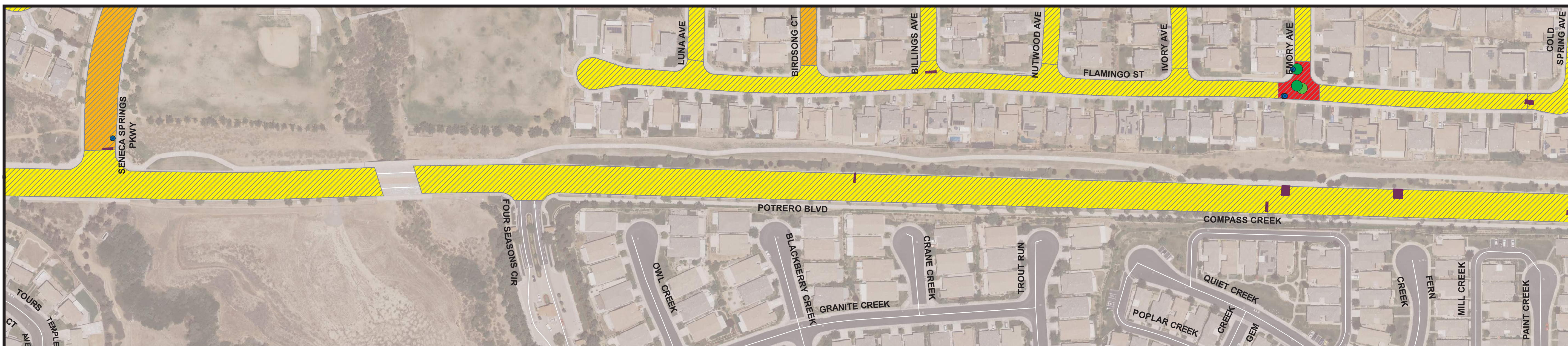
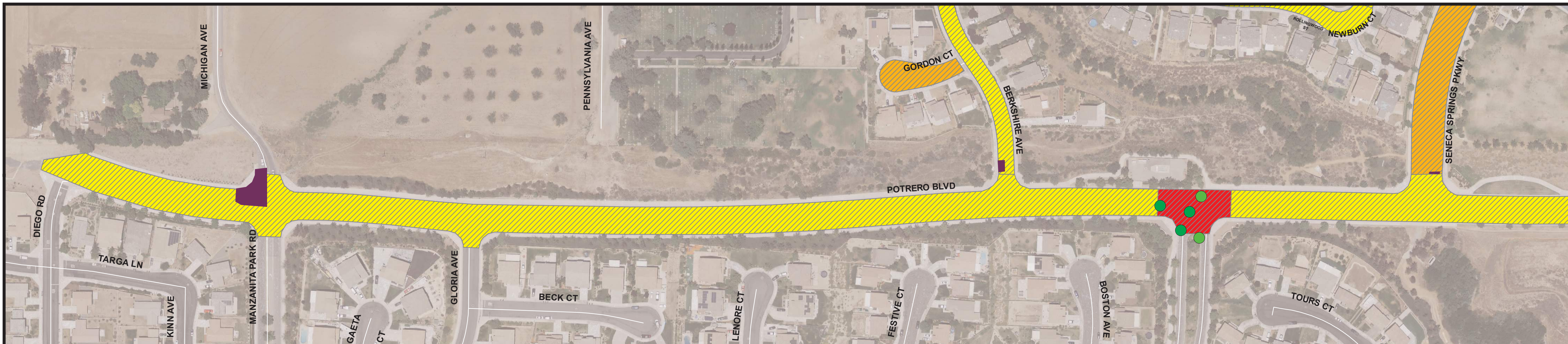
- LEGEND**
- Signal_loop
 - Storm Drain Manhole
 - Sewer Manhole
 - Dig Out
- R-03 & 04 Streets**
- Treatment Type**
- Mill & Overlay
 - ARAM Cape Seal
 - Slurry Seal



CITY OF BEAUMONT
20/21 Annual Street Projects - First Street (Beaumont Ave to Highland Springs)
PUBLIC WORKS DEPARTMENT

Date Created: 6/17/21

Public Works Department
 550 E. 6th Street
 Beaumont, CA 92223
 (951) 769-8522
 www.beaumontca.gov



LEGEND

- Signal_loop
- Storm Drain Manhole
- Sewer Manhole
- Dig Out

R-03 & 04 Streets

Treatment Type

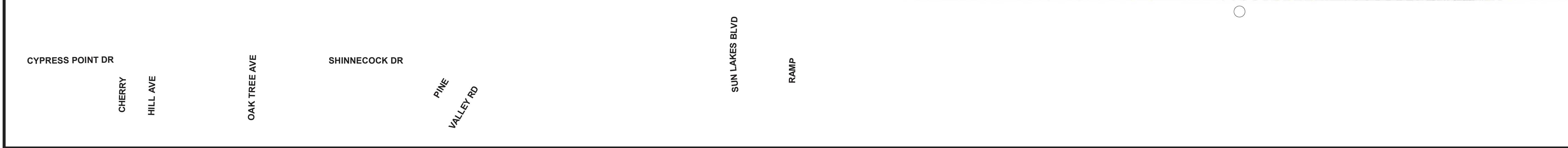
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- ARAM Cape Seal
- Slurry Seal



CITY OF BEAUMONT
20/21 Annual Street Projects - Potrero Avenue (Diego Road to Highland Springs)
PUBLIC WORKS DEPARTMENT

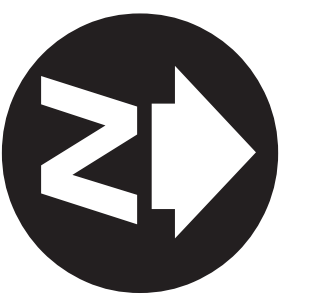
Date Created: 6/17/21





LEGEND

- Signal_loop
- Storm Drain Manhole
- Sewer Manhole
- Dig Out
- R-03 & 04 Streets**
- Treatment Type**
- ▨ Mill & Overlay
- ▨ ARAM Cape Seal
- ▨ Slurry Seal



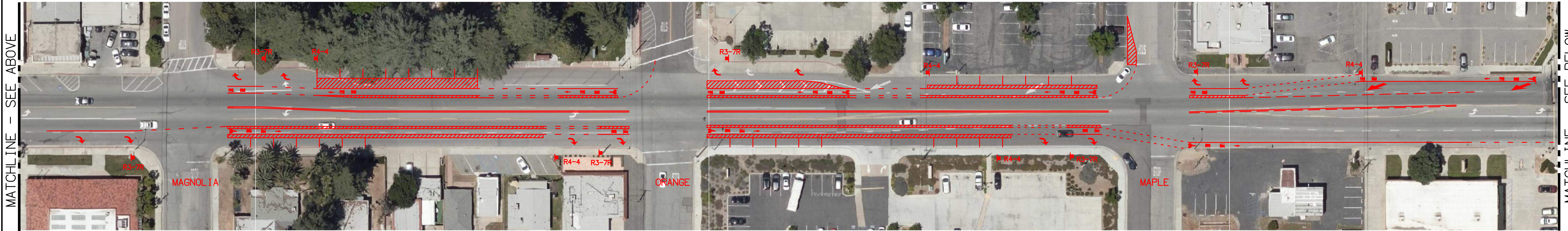
CITY OF BEAUMONT
20/21 Annual Street Projects - Highland Springs Avenue (Potrero to I10)
PUBLIC WORKS DEPARTMENT

Date Created: 6/17/21

Public Works Department
 550 E. 6th Street
 Beaumont, CA 92223
 (951) 769-8522
www.beaumontca.gov

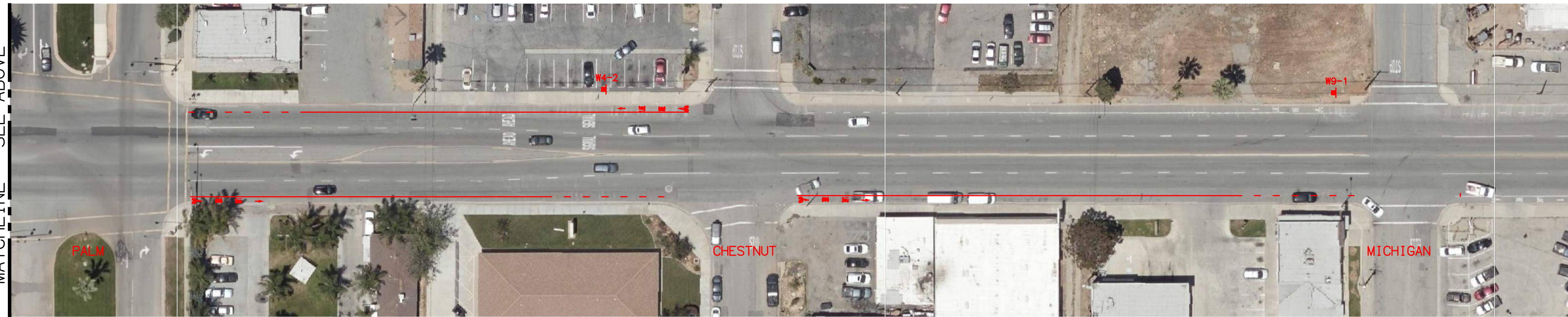


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R3-7R



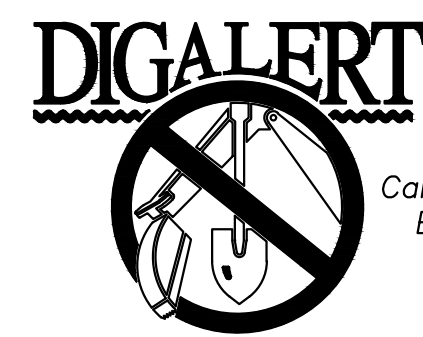
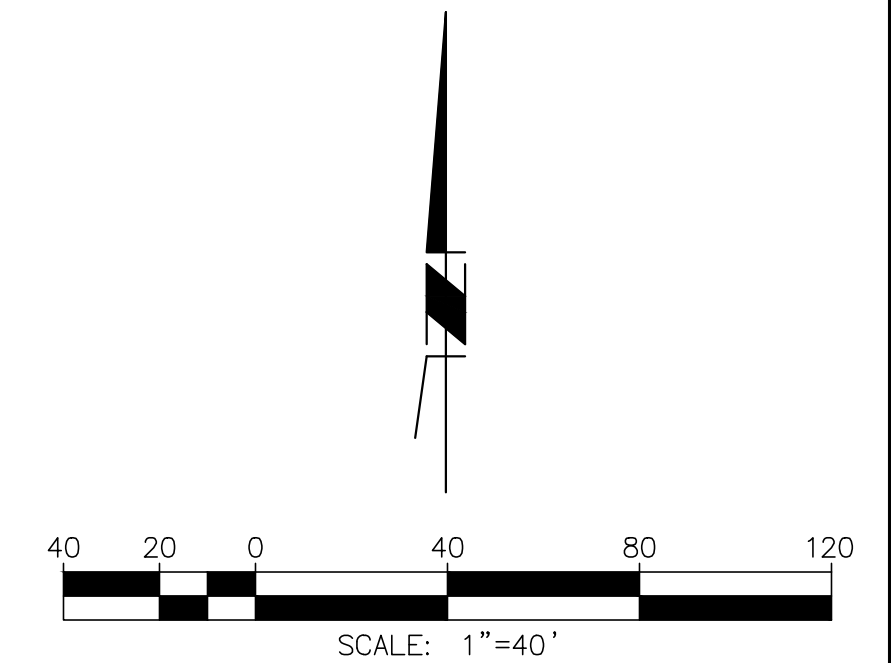
R4-4



W4-2



W9-1



Call 2 Working Days
Before You Dig!
811

BENCHMARK:
THE TOP OF CURB AT THE POINT OF
CURVATURE AT THE NORTHEAST CORNER
OF THE NORTHWEST CURB RETURN AT
THE INTERSECTION OF HIGHLAND
SPRINGS AVENUE AND 2ND STREET.
ELEV. 2559.03, TBM

BY	MARK	DESCRIPTION	APPR. DATE
ENGINEER		REVISIONS	CITY

DESIGN BY:
RLV
DRAWN BY:
RLV
CHECKED BY:
JH
SCALE:
1"=20'
DATE:
2/12/2020
JOB NUMBER:

REVIEWED BY: _____ DATE: _____
STAFF ENGINEER
RECOMMENDED BY: _____ DATE: _____
PRINCIPAL ENGINEER
APPROVED BY: _____ DATE: _____
CITY ENGINEER

CITY OF BEAUMONT, PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

550 E. 6TH ST
BEAUMONT, CA 92223
TEL: (951) 769-8520
FAX: (951) 769-8506

CITY OF BEAUMONT, CALIFORNIA
STRIPING EXHIBIT FOR:
6TH STREET
FROM BEAUMONT AVE TO MICHIGAN AVE

SHEET
1
OF 1 SHEETS
FILE NO:



CITY OF BEAUMONT
PUBLIC WORKS DEPARTMENT
550 E. 6th Street, Beaumont CA 92223

CONTRACT DOCUMENTS & SPECIFICATIONS
FOR:
ANNUAL CITYWIDE STREET REHABILITATION AND
MAINTENANCE PROJECT 20/21
(CIP R-03, R-04, & R-06)

BID PUBLISHED:	JULY 2, 2021
BIDS MUST BE RECEIVED BY:	AUGUST 6, 2021 @ 11:00 A.M.
PLACE OF BID RECEIPT:	rvestal@beaumontca.gov
QUESTIONS IN BY:	JULY 16, 2021 @ 11:00 A.M.
BID OPENING DATE:	AUGUST 6, 2021 @ 11:15 A.M.
BID OPENING LOCATION:	Zoom meeting via link below

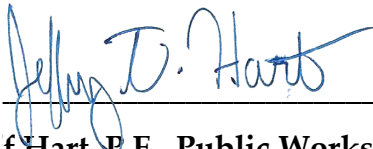
<https://us02web.zoom.us/j/83313177456?pwd=ck5ySVJlL0dFTXNZVUhnZitiMmhYQT09>

CITY OF BEAUMONT
CALIFORNIA
PUBLIC WORKS DEPARTMENT
CONTRACT DOCUMENTS & SPECIFICATIONS

FOR:

ANNUAL CITYWIDE STREET REHABILITATION AND
MAINTENANCE PROJECT 20/21
(CIP R-03, R-04, & R-06)

Prepared Under the Supervision of:



07/02/2021

Jeff Hart, P.E., Public Works Director/City Engineer

Date

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NOTICE INVITING BIDS

The City of Beaumont, Public Works Department (“City”) will receive email bids for the **ANNUAL CITYWIDE STREET REHABILITATION AND MAINTENANCE PROJECT 20/21 (CIP R-03, R-04, & R-06)**

at rvestal@beaumontca.gov, no later than **11:00 A.M., Friday August 6, 2021**, at which time or thereafter said bids will be opened and read aloud via an online zoom meeting:

<https://us02web.zoom.us/j/83313177456?pwd=ck5ySVJlL0dFTXNZVUhneitiMmhYQT09>

Bids received after this time will be discarded. Bids shall be valid for 60 calendar days after the bid opening date.

Bids must be submitted on the City’s Bid Forms. Bids must be prepared on the approved Bid forms and in the manner prescribed in the Instructions to Bidders. Bids must be submitted via email with the following subject: **“ANNUAL CITYWIDE STREET REHABILITATION AND MAINTENANCE PROJECT 20/21 (CIP R-03, R-04, & R-06).**

THIS IS A SIXTY (90) CALENDAR DAY CONTRACT

LOCATION OF WORK:

The work to be completed is located on various streets throughout the City and defined in Appendix A- Construction Plans.

DESCRIPTION OF WORK:

The intent of this project is to extend the life of pavement an additional seven years or longer and improve the ride quality of the selected streets. The methods will include slurry seal, ARAM, mill and overlay and full-depth replacement.

Copies of the Bid and Contract Documents are available for inspection at no cost to the bidder at **City Hall**. The documents can also be downloaded from the City’s Website (<https://www.beaumontca.gov>) and reviewed at no cost.

Bids must be accompanied by cash, a certified or cashier’s check, or a Bid Bond in favor of the City in an amount not less than ten percent (10%) of the submitted Total Bid Price.

Once the contract is awarded there will be a **Pre-Construction Conference** at a determined date for the awarded bidder.

Each bid shall be accompanied by the security referred to in the Contract Documents, the non-collusion affidavit, the list of proposed subcontractors, and all additional documentation required by the Instructions to Bidders.

The successful bidder will be required to furnish the City with a Performance Bond equal to 100% of the successful bid, and a Payment (Labor and Materials) Bond equal to 100% of the successful bid, prior to execution of the Contract. All bonds are to be secured from a surety that meets all of

NOTICE INVITING BIDS

the State of California bonding requirements, as defined in Code of Civil Procedure Section 995.120, and is admitted by the State of California.

Pursuant to the requirements of the CalRecycle-Rubberized Pavement Grant Program, the successful bidder must complete and submit CalRecycle Form 168 – Reliable Contractor Declaration, signed under penalty of perjury, stating that within the preceding three (3) years, none of the events listed in Section 17050 of Title 14, California Code of Regulations, Natural Resources, Division 7, has occurred with respect to the contractor or subcontractor(s). The contractor or subcontractor must not be listed on the CalRecycle Unreliable List (<http://www.calrecycle.ca.gov/Funding/Forms>) otherwise, the City may be required to terminate that contract. Obtain the Reliable Contractor Declaration form (CalRecycle 168) from CalRecycle form web page (www.calrecycle.ca.gov/Funding/Forms).

Pursuant to Public Contract Code Section 22300, the successful bidder may substitute certain securities for funds withheld by City to ensure his performance under the Contract.

Each bidder shall be a licensed contractor pursuant to the Business and Professions Code and shall be licensed in the following appropriate classification(s) of contractor's license(s), for the work bid upon, and must maintain the license(s) throughout the duration of the Contract: Bidders shall possess the following California Contractor's license in order to perform the Work of this Project: **Class "A"** or a letter from **Contractor's Licensing Board** outlining the combination of various licenses necessary to perform all the work at the time the bid is submitted to the City.

Pursuant to Public Contract Code Section 3400(b), if the City has made any findings designating certain materials, products, things, or services by specific brand or trade name, such findings and the materials, products, things, or services and their specific brand or trade names will be set forth in the Special Conditions.

Award of Contract: The City shall award the Contract for the Project to the lowest responsive, responsible bidder as determined from the base bid. The City reserves the right to reject any or all bids or to waive any irregularities or informalities in any bids or in the bidding process.

The City of Beaumont hereby affirmatively ensures that minority business enterprises will be afforded full opportunity to submit Bids in response to this Notice, and that minorities nor minority business enterprises will not be discriminated against on the basis of race, color, national origin, ancestry, sex, or religion in any consideration leading to the award of contract. For further information, please see the form titled "Notice of Requirement for Affirmative Action to Ensure Equal Employment Opportunity (Executive Order 11246)" within the Bid Documents.

For further information contact the following persons;

Robert L. Vestal, PE, Public Works Department
(951) 769-8522, or by FAX at (951) 769-8526
E-mail: rvestal@beaumontca.gov

NOTICE INVITING BIDS

**CITY OF BEAUMONT
DEPARTMENT OF PUBLIC WORKS
INSTRUCTIONS TO BIDDERS**

1. AVAILABILITY OF CONTRACT DOCUMENTS

Bids must be submitted to the City on the Bid Forms which are a part of the Bid Package for the Project. Prospective bidders may obtain one (1) complete set of Contract Documents at no cost. Contract Documents may be obtained from the City at the location(s) and at the time(s) indicated in the Notice Inviting Bids. Prospective bidders are encouraged to telephone in advance to determine the availability of Contract Documents. Any applicable charges for the Contract Documents are outlined in the Notice Inviting Bids.

The City may also make the Contract Documents available for review at one or more plan rooms, as indicated in the Notice Inviting Bids. Please Note: Prospective bidders who choose to review the Contract Documents at a plan room must contact the City to obtain the required Contract Documents if they decide to submit a bid for the Project.

2. EXAMINATION OF CONTRACT DOCUMENTS

The City has made copies of the Contract Documents available, as indicated above. Bidders shall be solely responsible for examining the Project Site and the Contract Documents, including any Addenda issued during the bidding period, and for informing itself with respect to local labor availability, means of transportation, necessity for security, laws and codes, local permit requirements, wage scales, local tax structure, contractors' licensing requirements, availability of required insurance, and other factors that could affect the Work. Bidders are responsible for consulting the standards referenced in the Contract. Failure of Bidder to so examine and inform itself shall be at its sole risk, and no relief for error or omission will be given except as required under State law.

3. INTERPRETATION OF CONTRACT DOCUMENTS

Discrepancies in, and/or omissions from the Plans, Specifications or other Contract Documents or questions as to their meaning shall be immediately brought to the attention of the City by submission of a written request for an interpretation or correction to the City. Such submission, if any, must be sent to the **Project Manager** by faxing (951)769-8526 or emailing to rvestal@beaumontca.gov

Any interpretation of the Contract Documents will be made only by written addenda duly issued and mailed or delivered to each person or firm who has purchased a set of Contract Documents. The City will not be responsible for any explanations or interpretations provided in any other manner. No person is authorized to make any oral interpretation of any provision in the Contract Documents to any bidder, and no bidder should rely on any such oral interpretation.

Bids shall include complete compensation for all items that are noted in the Contract Documents as the responsibility of the Contractor.

4. INSPECTION OF SITE

Each prospective bidder is responsible for fully acquainting itself with the conditions of the Project Site (which may include more than one site), as well as those relating to the construction and labor

of the Project, to fully understand the facilities, difficulties and restrictions which may impact the cost or effort required to complete the Project.

5. ADDENDA

The City reserves the right to revise the Contract Documents prior to the bid opening date. Revisions, if any, shall be made by written Addenda. All addenda issued by the City shall be included in the bid and made part of the Contract Documents. Pursuant to Public Contract Code Section 4104.5, if the City issues an Addendum which includes material changes to the Project less than 72 hours prior to the deadline for submission of bids, the City will extend the deadline for submission of bids. The City may determine, in its sole discretion, whether an Addendum warrants postponement of the bid submission date. Each prospective bidder shall provide City a name, address and facsimile number to which Addenda may be sent, as well as a telephone number by which the City can contact the bidder. Copies of Addenda will be furnished by facsimile, first class mail, express mail or other proper means of delivery without charge to all parties who have obtained a copy of the Contract Documents and provided such current information. **Please Note: Bidders are responsible for ensuring that they have received any and all Addenda. To this end, each bidder should contact the Public Works Department to verify that he has received all Addenda issued, if any, prior to the bid opening.**

6. ALTERNATE BIDS

If alternate bid items are called for in the Contract Documents, the lowest bid will be determined on the basis of the base bid only. However, the City may choose to award the contract on the basis of the base bid alone or the base bid and any alternate or combination of alternates. The time required for completion of the alternate bid items has been factored into the Contract duration and no additional Contract time will be awarded for any of the alternate bid items. The City may elect to include one or more of the alternate bid items, or to otherwise remove certain work from the Project scope of work, accordingly each Bidder must ensure that each bid item contains a proportionate share of profit, overhead and other costs or expenses which will be incurred by the Bidder.

7. COMPLETION OF BID FORMS

Bids shall only be prepared using copies of the Bid Forms which are included in the Contract Documents. The use of substitute bid forms other than clear and correct photocopies of those provided by the City will not be permitted. Bids shall be executed by an authorized signatory as described in these Instructions to Bidders. In addition, Bidders shall fill in all blank spaces (including inserting "N/A" where applicable) and initial all interlineations, alterations, or erasures to the Bid Forms. Bidders shall neither delete, modify, nor supplement the printed matter on the Bid Forms nor make substitutions thereon. **USE OF BLACK OR BLUE INK, INDELIBLE PENCIL OR A TYPEWRITER IS REQUIRED.** Deviations in the bid form may result in the bid being deemed non-responsive.

8. MODIFICATIONS OF BIDS

Each Bidder shall submit its Bid in strict conformity with the requirements of the Contract Documents. Unauthorized additions, modifications, revisions, conditions, limitations, exclusions or provisions attached to a Bid may render it non-responsive and may cause its rejection. Bidders shall neither delete, modify, nor supplement the printed matter on the Bid Forms, nor make substitutions thereon. Oral, telephonic and electronic modifications will not be considered, unless

INSTRUCTIONS TO BIDDERS

the Notice Inviting Bids authorizes the submission of electronic bids and modifications thereto and such modifications are made in accordance with the Notice Inviting Bids.

9. DESIGNATION OF SUBCONTRACTORS

Pursuant to the funding regulation, the Bidders must designate the name and location of each subcontractor who will perform work or render services for in the amount of \$500, as well as the portion of work each such subcontractor will perform on the form provided herein by the City. No additional time will be provided to bidders to submit any of the requested information in the Designation of Subcontractor form.

10. LICENSING REQUIREMENTS

Pursuant to Section 7028.15 of the Business and Professions Code and Section 3300 of the Public Contract Code, all bidders must possess proper licenses for performance of this Contract. Subcontractors must possess the appropriate licenses for each specialty subcontracted. Pursuant to Section 7028.5 of the Business and Professions Code, the City shall consider any bid submitted by a contractor not currently licensed in accordance with state law and pursuant to the requirements found in the Contract Documents to be nonresponsive, and the City shall reject the Bid. The City shall have the right to request, and Bidders shall provide within five (5) calendar days, evidence satisfactory to the City of all valid license(s) currently held by that Bidder and each of the Bidder's subcontractors, before awarding the Contract. Please also note that, pursuant to Public Contract Code Section 20676, sellers of "mined material" must be on an approved list of sellers published pursuant to Public Resources Code Section 2717(b) in order to supply mined material for this Contract.

11. SIGNING OF BIDS

All Bids submitted shall be executed by the Bidder or its authorized representative. Bidders may be asked to provide evidence in the form of an authenticated resolution of its Board of Directors or a Power of Attorney evidencing the capacity of the person signing the Bid to bind the Bidder to each Bid and to any Contract arising therefrom.

If a Bidder is a joint venture or partnership, it may be asked to submit an authenticated Power of Attorney executed by each joint venturer or partner appointing and designating one of the joint venturers or partners as a management sponsor to execute the Bid on behalf of Bidder. Only that joint venturer or partner shall execute the Bid. The Power of Attorney shall also: (1) authorize that particular joint venturer or partner to act for and bind Bidder in all matters relating to the Bid; and (2) provide that each venturer or partner shall be jointly and severally liable for any and all of the duties and obligations of Bidder assumed under the Bid and under any Contract arising therefrom. The Bid shall be executed by the designated joint venturer or partner on behalf of the joint venture or partnership in its legal name.

12. BID GUARANTEE (BOND)

Each bid shall be accompanied by: (a) cash; (b) a certified check made payable to the City; (c) a cashier's check made payable to the City; or (d) a bid bond payable to the City executed by the bidder as principal and surety as obligor in an amount not less than 10% of the maximum amount of the bid. Personal sureties and unregistered surety companies are unacceptable. The surety insurer shall be California admitted surety insurer, as defined in Code of Civil Procedure Section

INSTRUCTIONS TO BIDDERS

995.120. The cash, check or bid bond shall be given as a guarantee that the bidder shall execute the Contract if it be awarded to the bidder, shall provide the payment and performance bonds and insurance certificates and endorsements as required herein within ten (10) calendar days after notification of the award of the Contract to the bidder. Failure to provide the required documents may result in forfeiture of the bidder's bid deposit or bond to the City and the City may award the Contract to the next lowest responsive, responsible bidder, or may call for new bids.

13. SUBMISSION OF BIDS VIA EMAIL

Once the Bid and supporting documents have been completed and signed as set forth herein, they shall be emailed to the City at the place and to the attention of the person indicated in the Notice Inviting Bids. No oral or telephonic bids will be considered. No forms transmitted via facsimile, or any other electronic means will be considered unless specifically authorized by City as provided herein.

Only where expressly permitted in the Notice Inviting Bids, may Bidders submit their bids via electronic transmission pursuant to Public Contract Code Sections 1600 and 1601. The acceptable method(s) of electronic transmission shall be stated in the Notice Inviting Bids. City reserves the right to not accept electronically transmitted bids where not specifically authorized in the Notice Inviting Bids, and may reject any bid not strictly complying with City's designated methods for delivery.

14. DELIVERY AND OPENING OF BIDS

Bids will be received by the City at the address shown in the Notice Inviting Bids up to the date and time shown therein. It is the Bidder's sole responsibility to ensure that its Bid is received as specified. Bids may be submitted earlier than the dates(s) and time(s) indicated.

Bids will be opened at the date and time stated in the Notice Inviting Bids, and the amount of each Bid will be read aloud and recorded. All Bidders may, if they desire, attend the opening of Bids via zoom meeting provided in NIB. The City may in its sole discretion, elect to postpone the opening of the submitted Bids. City reserves the right to reject any or all Bids and to waive any informality or irregularity in any Bid. In the event of a discrepancy between the written amount of the Bid Price and the numerical amount of the Bid Price, the written amount shall govern.

15. WITHDRAWAL OF BID

Prior to bid opening, a Bid may be withdrawn by the Bidder only by means of a written request signed by the Bidder or its properly authorized representative.

16. BASIS OF AWARD; BALANCED BIDS

The City shall award the Contract to the lowest responsive, responsible Bidder submitting a responsive Bid. The City may reject any Bid which, in its opinion when compared to other bids received or to the City's internal estimates, does not accurately reflect the cost to perform the Work. The City may reject as non-responsive any bid which unevenly weights or allocates costs, including but not limited to overhead and profit to one or more particular bid items.

17. DISQUALIFICATION OF BIDDERS; INTEREST IN MORE THAN ONE BID

No bidder shall be allowed to make, submit or be interested in more than one bid. However, a person, firm, corporation or other entity that has submitted a subproposal to a bidder, or that has quoted prices of materials to a bidder, is not thereby disqualified from submitting a subproposal or quoting prices to other bidders submitting a bid to the City. No person, firm, corporation, or other entity may submit subproposal to a bidder, or quote prices of materials to a bidder, when also submitting a prime bid on the same Project.

18. INSURANCE REQUIREMENTS

The successful bidder shall procure the insurance in the form and in the amount specified in the Contract Documents.

19. AWARD PROCESS

Once all Bids are opened and reviewed to determine the lowest responsive and responsible Bidder, the City Council may award the contract. The apparent successful Bidder should begin to prepare the following documents: (1) the Performance Bond; (2) the Payment (Labor and Materials) Bond; and (3) the required insurance certificates and endorsements. Once the City notifies the Bidder of the award, the Bidder will have ten (10) consecutive calendar days from the date of this notification to execute the Contract and supply the City with all of the required documents and certifications. Regardless whether the Bidder supplies the required documents and certifications in a timely manner, the Contract time will begin to run ten (10) calendar days from the date of the notification. Once the City receives all of the properly drafted and executed documents and certifications from the Bidder, the City shall issue a Notice to Proceed to that Bidder.

20. FILING OF BID PROTESTS

Bidders may file a “protest” of a Bid with the City’s **City Engineer**. In order for a Bidder’s protest to be considered valid, the protest must:

- A. Be filed in writing within five (5) calendar days after the bid opening date;
- B. Clearly identify the specific irregularity or accusation;
- C. Clearly identify the specific City staff determination or recommendation being protested;
- D. Specify, in detail, the grounds of the protest and the facts supporting the protest; and
- E. Include all relevant, supporting documentation with the protest at time of filing.

If the protest does not comply with each of these requirements, it will be rejected as invalid.

If the protest is valid, the City’s **City Engineer**, or other designated City staff member, shall review the basis of the protest and all relevant information. The **City Engineer** will provide a written decision to the protestor. The protestor may then appeal the decision of the **City Engineer** to the **City Manager**.

21. WORKERS COMPENSATION

Each bidder shall submit the Contractor’s Certificate Regarding Workers’ Compensation form.

22. SUBSTITUTION OF SECURITY

The Contract Documents call for monthly progress payments based upon the percentage of the work completed. The City will retain ten percent (10%) of each progress payment as provided by

the Contract Documents. At the request and expense of the successful Bidder, the City will substitute securities for the amount so retained in accordance with Public Contract Code Section 22300.

23. PREVAILING WAGES

Pursuant to Section 1773 of the Labor Code, the general prevailing wage rates, including the per diem wages applicable to the work, and for holiday and overtime work, including employer payments for health and welfare, pension, vacation, and similar purposes, in the County of Riverside in which the work is to be done, have been determined by the Director of the Department of Industrial Relations, State of California. These wages are set forth in the General Prevailing Wage Rates for this project, available from the California Department of Industrial Relations' Internet web site at www.dir.ca.gov. Future effective prevailing wage rates which have been predetermined, and are on file with the California Department of Industrial Relations, are referenced but not printed in the general prevailing wage rates.

Pursuant to SB 854, which amended the Prevailing Wage Laws, this Contract is subject to compliance monitoring and enforcement by the DIR. Beginning March 1, 2015, with very limited exceptions, no contractor or subcontractor may be listed on a bid proposal for this Contract unless registered with the DIR pursuant to Labor Code section 1725.5. Beginning April 1, 2015, no contractor or subcontractor may be awarded this Contract unless registered with the DIR pursuant to Labor Code section 1725.5. The DIR registration number for each contractor and subcontractor must be identified on the bid proposal - failure to identify this number could result in the bid being rejected as non-responsive. It is each bidder's responsibility to ensure that they have fully complied with SB 854. The City will report all necessary contracts to the DIR as required by the Prevailing Wage Laws.

24. DEBARMENT OF CONTRACTORS AND SUBCONTRACTORS

In accordance with the provisions of the Labor Code, contractors or subcontractors may not perform work on a public works project with a subcontractor who is ineligible to perform work on a public project pursuant to Section 1777.1 or Section 1777.7 of the Labor Code. Any contract on a public works project entered into between a contractor and a debarred subcontractor is void as a matter of law. A debarred subcontractor may not receive any public money for performing work as a subcontractor on a public works contract. Any public money that is paid to a debarred subcontractor by the Contractor for the Project shall be returned to the City. The Contractor shall be responsible for the payment of wages to workers of a debarred subcontractor who has been allowed to work on the Project.

25. PERFORMANCE BOND AND PAYMENT (LABOR AND MATERIALS) BOND REQUIREMENTS

Within the time specified in the Contract Documents, the Bidder to whom a Contract is awarded shall deliver to the City four identical counterparts of the Performance Bond and Payment (Labor and Materials) Bond in the form supplied by the City and included in the Contract Documents. Failure to do so may, in the sole discretion of City, result in the forfeiture of the Bid Guarantee. The surety supplying the bond must be an admitted surety insurer, as defined in Code of Civil Procedure Section 995.120, authorized to do business as such in the State of California and

satisfactory to the City. The Performance Bond and the Payment (Labor and Materials) Bond shall be for one hundred percent (100%) of the Total Bid Price.

26. REQUEST FOR SUBSTITUTIONS

The successful bidder shall comply with the substitution request provisions set forth in the Special Conditions, including any deadlines for substitution requests **which may occur prior to the bid opening date**.

27. SALES AND OTHER APPLICABLE TAXES, PERMITS, LICENSES AND FEES

Contractor and its subcontractors performing work under this Contract will be required to pay California sales tax and other applicable taxes, and to pay for permits, licenses and fees required by the agencies with authority in the jurisdiction in which the work will be located, unless otherwise expressly provided by the Contract Documents.

28. EXECUTION OF CONTRACT

As required herein the Bidder to whom an award is made shall execute the Contract in the amount determined by the Contract Documents. The City may require appropriate evidence that the persons executing the Contract are duly empowered to do so.

END OF INSTRUCTIONS TO BIDDERS

BID FORM

NAME OF BIDDER: _____

The undersigned, hereby declare that we have carefully examined the location of the proposed Work, and have read and examined the Contract Documents, including all plans, specifications, and all addenda, if any, for the following Project:

**ANNUAL CITYWIDE STREET REHABILITATION AND MAINTENANCE PROJECT
20/21 (CIP R-03, R-04, & R-06)**

We hereby propose to furnish all labor, materials, equipment, tools, transportation, and services, and to discharge all duties and obligations necessary and required to perform and complete the Project for the following **BASE BID TOTAL BID PRICE**:

BASE BID	BASE BID PRICE (IN WRITTEN FORM)	BID PRICE (IN NUMBERS)
TOTAL BID PRICE		

In case of discrepancy between the written price and the numerical price, the written price shall prevail.

**BASE BID
BID SCHEDULE**

**ANNUAL CITYWIDE STREET REHABILITATION AND MAINTENANCE PROJECT
20/21 (CIP R-03, R-04, & R-06)**

ITEM NO.	DESCRIPTION OF ITEMS	EST. QUANTITY/UNIT		UNIT PRICE (FIGURES)	TOTAL COST (FIGURES)
1	TEMPORARY CONSTRUCTION SIGN	4	EA		
2	ROUT AND SEAL RANDOM CRACK	1	LS		
3	DIG OUTS	80,000	SF		
4	ARAM (3/8")	871,748	SF		
5	SLURRY SEAL, TYPE 2 (INCLUDES SLURRY OVER ARAM)	5,809,975	SF		
6	COLD MILL ASPHALT CONCRETE SURFACING (0.1' DEPTH)	845,381	SF		
7	EDGE MILL ASPHALT CONCRETE SURFACING	81,090	LF		
8	HOT MIX ASPHALT, TYPE C2-PG 64-10-R05	12,268	TN		
9	AC REMOVAL (Antonell)	16,300	SF		
10	UNSUITABLE MATERIAL (Antonell Export)	405	CY		
11	ROADWAY EXCAVATION (Antonell)	1800	CY		
12	CRUSHED AGGREGATE BASE (Antonell)	405	CY		
13	TRAFFIC STRIPPING AND PAVEMENT MARKINGS (in-kind replacement w/ current width requirements)	1	LS		
14	TRAFFIC STRIPPING, PAVEMENT MARKINGS, AND SIGNS (6 TH Street Separate plan)	1	LS		
15	PAVEMENT MARKERS	1	LS		
16	TRAFFIC LOOPS	77	EA		
17	CONCRETE REMOVAL (EXISTING RAMPS)	14,300	SF		
18	MINOR CONCRETE (CURB RAMP CASE A)	85	EA		
19	MINOR CONCRETE (CURB RAMP CASE B)	22	EA		

ITEM NO.	DESCRIPTION OF ITEMS	EST. QUANTITY/UNIT		UNIT PRICE (FIGURES)	TOTAL COST (FIGURES)
20	MINOR CONCRETE (CURB RAMP CASE F)	36	EA		
21	CURB RAMP DETECTABLE WARNING SURFACE	84	EA		
22	ADJUST RIM TO GRADE	52	EA		
PROJECT BASE BID SUBTOTAL:					

In case of discrepancy between the unit price and the item cost set forth for a unit basis item, the unit price shall prevail and, shall be utilized as the basis for determining the lowest responsive, responsible bidder. However, if the amount set forth as a unit price is ambiguous, unintelligible or uncertain for any cause, or is omitted, or is the same amount as the entry in the "Item Cost" column, then the amount set forth in the "Item Cost" column for the item shall prevail and shall be divided by the estimated quantity for the item and the price thus obtained shall be the unit price. Final payment shall be determined by the Engineer from measured quantities of work performed based upon the unit price.

In case of discrepancy between the written price and the numerical price, the written price shall prevail.

The undersigned agrees that this Bid Form constitutes a firm offer to the City which cannot be withdrawn for the number of calendar days indicated in the Notice Inviting Bids from and after the bid opening, or until a Contract for the Work is fully executed by the City and a third party, whichever is earlier.

The Contract duration shall commence on the date stated in the City's Notice to Proceed, and shall be completed by the Contractor in the time specified in the Contract Documents. In no case shall the Contractor commence construction prior to the date stated in the City's Notice to Proceed.

Bidder certifies that it is licensed in accordance with the law providing for the registration of Contractors, License No. _____, Expiration Date _____, class of license _____. If the bidder is a joint venture, each member of the joint venture must include the above information.

The undersigned acknowledges receipt, understanding and full consideration of the following addenda to the Contract Documents.

1. Addenda No. _____ thru _____
2. Attached is the required bid security in the amount of not less than 10% of the Total Bid Price.
3. Attached is the fully executed Non-Collusion Affidavit form.
4. Attached is the completed Designation of Subcontractors form.
5. Attached is the completed Bidder Information Form.

6. Attached is the completed Contractor's Certificate Regarding Workers' Compensation form.
7. Bidder acknowledges and understands that, pursuant to Public Contract Code Section 20676, sellers of "mined material" must be on an approved list of sellers published pursuant to Public Resources Code Section 2717(b) in order to supply mined material for this Contract.

I hereby certify under penalty of perjury under the laws of the State of California, that all of the information submitted in connection with this Bid and all of the representations made herein are true and correct.

Name of Bidder _____

Signature _____

Name and Title _____

Dated _____

**CONTRACTOR'S CERTIFICATE REGARDING WORKERS'
COMPENSATION**

I am aware of the provisions of Section 3700 of the Labor Code which require every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the work of this Contract.

Name of Bidder _____

Signature _____

Name _____

Title _____

Dated _____

BID BOND

The makers of this bond are, _____, as Principal, and _____, as Surety and are held and firmly bound unto the City of Beaumont, hereinafter called the City, in the penal sum of TEN PERCENT (10%) OF THE TOTAL BID PRICE of the Principal submitted to CITY for the work described below, for the payment of which sum in lawful money of the United States, well and truly to be made, we bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH that whereas the Principal has submitted the accompanying bid dated _____, 20____, for **ANNUAL CITYWIDE STREET REHABILITATION AND MAINTENANCE PROJECT 20/21 (CIP R-03, R-04, & R-06)**.

If the Principal does not withdraw its bid within the time specified in the Contract Documents; and if the Principal is awarded the Contract and provides all documents to the City as required by the Contract Documents; then this obligation shall be null and void. Otherwise, this bond will remain in full force and effect.

Surety, for value received, hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the Contract Documents shall in affect its obligation under this bond, and Surety does hereby waive notice of any such changes.

In the event a lawsuit is brought upon this bond by the City and judgment is recovered, the Surety shall pay all litigation expenses incurred by the City in such suit, including reasonable attorneys' fees, court costs, expert witness fees and expenses.

IN WITNESS WHEREOF, the above-bound parties have executed this instrument under their several seals this _____ day of _____, 20____, the name and corporate seal of each corporation.

(Corporate Seal)

Principal

By _____

Title _____

(Corporate Seal)

Surety

By _____

Attorney-in-Fact

(Attach Attorney-in-Fact Certificate)

Title _____

STATE OF CALIFORNIA)
)
CITY OF _____)

ss.

On this _____ day of _____, in the year 2019, before me, _____, a Notary Public in and for said state, personally appeared _____, known to me to be the person whose name is subscribed to the within instrument as the Attorney-In-Fact of the (Surety) acknowledged to me that he subscribed the name of the _____ (Surety) thereto and his own name as Attorney-In-Fact.

Notary Public in and for said State

(SEAL)

Commission expires: _____

NOTE: A copy of the Power-of-Attorney to local representatives of the bonding company must be attached hereto.

Portion of the Work	Subcontractor	Location of Business	% of the Work

Name of Bidder _____

Signature _____

Name and Title _____

Dated _____

INFORMATION REQUIRED OF BIDDERS

A. INFORMATION ABOUT BIDDER

[**Indicate not applicable (“N/A”) where appropriate.**]

NOTE: Where Bidder is a joint venture, pages shall be duplicated and information provided for all parties to the joint venture.

1.0 Name of Bidder: _____

2.0 Type, if Entity: _____

3.0 Bidder Address: _____

Facsimile Number

Telephone Number

4.0 License Information:

License No. Class of License Expiration Date

DIR Registration No.

5.0 How many years has Bidder’s organization been in business as a Contractor?

6.0 How many years has Bidder’s organization been in business under its present name? _____

5.1 Under what other or former names has Bidder’s organization operated?: _____

7.0 If Bidder’s organization is a corporation, answer the following:

6.1 Date of Incorporation: _____

6.2 State of Incorporation: _____

6.3 President’s Name: _____

INFORMATION REQUIRED OF BIDDERS

6.4 Vice-President's Name(s): _____

6.5 Secretary's Name: _____

6.6 Treasurer's Name: _____

8.0 If an individual or a partnership, answer the following:

7.1 Date of Organization: _____

7.2 Name and address of all partners (state whether general or limited partnership):

9.0 If other than a corporation or partnership, describe organization and name principals:

10.0 List other states in which Bidder's organization is legally qualified to do business.

11.0 What type of work does the Bidder normally perform with its own forces?

12.0 Has Bidder ever failed to complete any work awarded to it? If so, note when, where, and why:

13.0 Within the last five years, has any officer or partner of Bidder's organization ever been an officer or partner of another organization when it failed to complete a contract? If so, attach a separate sheet of explanation:

14.0 List Trade References:

15.0 List Bank References (Bank and Branch Address):

16.0 Name of Bonding Company and Name and Address of Agent:

B. LIST OF CURRENT PROJECTS (Backlog)

[**Duplicate Page if needed for listing additional current projects.**]

Project	Description of Bidder's Work	Completion Date	Cost of Bidder's Work	Contact Name & Phone

C. LIST OF COMPLETED PROJECTS - LAST THREE YEARS

[**Duplicate Page if needed for listing additional completed projects.**]

Please include only those projects which are similar enough to demonstrate Bidder's ability to perform the required Work.

Project Client	Description of Bidder's Work	Period of Performance	Cost of Bidder's Work	Contact Name & Phone

D. EXPERIENCE AND TECHNICAL QUALIFICATIONS QUESTIONNAIRE

Personnel:

The Bidder shall identify the key personnel to be assigned to this project in a management, construction supervision or engineering capacity.

1. List each person’s job title, name and percent of time to be allocated to this project:

2. Summarize each person’s specialized education:

3. List each person’s years of construction experience relevant to the project:

4. Summarize such experience:

Bidder agrees that personnel named in this Bid will remain on this Project until completion of all relevant Work, unless substituted by personnel of equivalent experience and qualifications approved in advance by the City.

Additional Bidder's Statements:

If the Bidder feels that there is additional information which has not been included in the questionnaire above, and which would contribute to the qualification review, it may add that information in a statement here or on an attached sheet, appropriately marked:

E. VERIFICATION AND EXECUTION

These Bid Forms shall be executed only by a duly authorized official of the Bidder:

I declare under penalty of perjury under the laws of the State of California that the foregoing information is true and correct:

Name of Bidder _____

Signature _____

Name _____

Title _____

Dated _____

NON-COLLUSION AFFIDAVIT

I, _____, being first duly sworn, deposes and says that he is _____ of _____ the party making the attached bid; that the bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation; that the bid is genuine and not collusive or sham; that the bidder has not directly or indirectly induced or solicited any other bidder to put in a false or sham bid, and has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham bid, or that anyone shall refrain from bidding; that the bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the bidder or any other bidder, or to fix any overhead, profit, or cost element of the bid price, or of that of any other bidder, or to secure any advantage against the public body awarding the contract of anyone interested in the proposed contract; that all statements contained in the bid are true; and, further, that the bidder has not, directly or indirectly, submitted his or her bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will not pay, any fee to any corporation, partnership, company association, organization, bid depository, or to any member or agent thereof to effectuate a collusive or sham bid.

I certify (or declare) under penalty of perjury under the laws of the State of California that the foregoing is true and correct.

Name of Bidder _____

Signature _____

Name _____

Title _____

Dated _____

CITY OF BEAUMONT
PUBLIC WORKS AGREEMENT

(NAME OF CONTRACTOR)

This PUBLIC WORKS AGREEMENT (“Agreement”) is made and effective _____, 2019, by and between the City of Beaumont, a municipal corporation (“CITY”), and NAME OF CONTRACTOR (“CONTRACTOR”). In consideration of the mutual covenants and conditions set forth herein, the parties agree as follows:

I. SCOPE OF WORK

The CONTRACTOR shall perform within the time set forth in Article 2 of this Agreement and shall furnish all labor, materials, equipment, tools, utility services, and transportation and perform and complete all work required in connection with the _____ (**project**) (hereinafter “Project”). CITY’s Invitation for Bids (“Invitation”) for the Project, dated ____, 2020, and CONTRACTOR’s Bid in response to the Invitation, dated ____, 2020, are attached hereto as Exhibits :A” and “B”, respectively and incorporated herein by this reference. The Scope of Work for the Project is set forth in the Invitation.

By entering into this Agreement, CONTRACTOR acknowledges that there may be other contractors on the site whose work will be coordinated with that of its own. CONTRACTOR expressly warrants and agrees that it will cooperate with other contractors and will do nothing to delay, hinder, or interfere with the work of other separate contractors, the CITY, the Construction Manager, the Engineer, or utilities. CONTRACTOR also expressly agrees that, in the event its work is hindered, delayed, interfered with, or otherwise affected by a separate contractor, its sole remedy will be a direct action against the separate contractor. To the extent allowed by law, the CONTRACTOR will have no remedy, and hereby expressly waives any remedy against the CITY, the Construction Manager (if any), and the Engineer on account of delay, hindrance, interference or other events.

II. TIME FOR PROJECT COMPLETION

All of CONTRACTOR’s work on the Project shall be completed within durations established for the individual activities as set forth in the Project Construction Schedule, attached hereto as Exhibit “C” and incorporated herein by this reference. All work shall commence ten (10) calendar days after receiving a written Notice of Award from the CITY or Construction Manager, if a Construction Manager is employed by CITY on the Project. CONTRACTOR shall refer to the invitations for bids, and Project Plans and Specifications, all of which, as set forth below, are incorporated herein by reference, for contractual obligations regarding individual activity durations.

III. THE CONTRACT SUM

The CITY shall pay to the CONTRACTOR for the performance of this Agreement, subject to any additions and deductions provided in the Project documents, the sum of \$_____.

IV. PROGRESS PAYMENTS

Based upon Applications for Payment submitted to the Engineer by the CONTRACTOR and Certificates for Payment issued by the Engineer, the CITY shall make progress payments on account of the Contract Sum to the CONTRACTOR as provided in the General Conditions, which are fully incorporated into this Agreement by this reference.

This Agreement is subject to the provisions of Article 1.7 (commencing at Section 20104.50) of Division 2, Part 3 of the Public Contract Code regarding prompt payment of contractors by local governments. Article 1.7 mandates certain procedures for the payment of undisputed and properly submitted payment requests within 30 days after receipt, for the review of payment requests, for notice to Contractor of improper payment requests, and provides for the payment of interest on progress payment requests which are not timely made in accordance with that Article. This Agreement hereby incorporates the provisions of Article 1.7 as though fully set forth herein.

V. INDEMNITY, DEFENSE AND HOLD HARMLESS AGREEMENT

A. CONTRACTOR shall indemnify, defend with legal counsel approved by CITY, and hold harmless CITY, its officers, officials, employees and volunteers from and against all liability, loss, damage, expense, cost (including without limitation reasonable legal counsel fees, expert fees and all other costs and fees of litigation) of every nature arising out of or in connection with CONTRACTOR's negligence, recklessness or willful misconduct in the performance of work hereunder or its failure to comply with any of its obligations contained in this Agreement, except such loss or damage which is caused by the sole or active negligence or willful misconduct of the CITY. Should conflict of interest principles preclude a single legal counsel from representing both CITY and CONTRACTOR, or should CITY otherwise find CONTRACTOR's legal counsel unacceptable, then CONTRACTOR shall reimburse the CITY its costs of defense, including without limitation reasonable legal counsels fees, expert fees and all other costs and fees of litigation. The CONTRACTOR shall promptly pay any final judgment rendered against the CITY (and its officers, officials, employees and volunteers) with respect to claims determined by a trier of fact to have been the result of the CONTRACTOR's negligent, reckless or wrongful performance. It is expressly understood and agreed that the foregoing provisions are intended to be as broad and inclusive as is permitted by the law of the State of California and will survive termination of this Agreement.

CONTRACTOR obligations under this section apply regardless of whether or not such claim, charge, damage, demand, action, proceeding, loss, stop notice, cost,

expense, judgment, civil fine or penalty, or liability was caused in part or contributed to by an Indemnitee. However, without affecting the rights of CITY under any provision of this agreement, CONTRACTOR shall not be required to indemnify and hold harmless CITY for liability attributable to the active negligence of CITY, provided such active negligence is determined by agreement between the parties or by the findings of a court of competent jurisdiction. In instances where CITY is shown to have been actively negligent and where CITY active negligence accounts for only a percentage of the liability involved, the obligation of CONTRACTOR will be for that entire portion or percentage of liability not attributable to the active negligence of CITY.

- B. CONTRACTOR shall indemnify and hold harmless the County of Riverside, its Agencies, Districts, Special Districts and Departments, their respective directors, officers, Board of Supervisors, elected and appointed officials, employees, agents and representatives (individually and collectively hereinafter referred to as Indemnitees) from any liability whatsoever, based or asserted upon any services of CONTRACTOR, its officers, employees, subcontractors, agents or representatives arising out of or in any way relating to this Agreement, including but not limited to property damage, bodily injury, or death or any other element of any kind or nature whatsoever arising from the performance of CONTRACTOR, its officers, employees, subcontractors, agents or representatives Indemnitors from this Agreement. CONTRACTOR shall defend, at its sole expense, all costs and fees including, but not limited, to attorney fees, cost of investigation, defense and settlements or awards, the Indemnitees in any claim or action based upon such alleged acts or omissions.

With respect to any action or claim subject to indemnification herein by CONTRACTOR, CONTRACTOR shall, at their sole cost, have the right to use counsel of their own choice and shall have the right to adjust, settle, or compromise any such action or claim without the prior consent of COUNTY; provided, however, that any such adjustment, settlement or compromise in no manner whatsoever limits or circumscribes CONTRACTOR'S indemnification to Indemnitees as set forth herein.

CONTRACTOR'S obligation hereunder shall be satisfied when CONTRACTOR has provided to COUNTY the appropriate form of dismissal relieving COUNTY from any liability for the action or claim involved. The specified insurance limits required in this Agreement shall in no way limit or circumscribe CONTRACTOR'S obligations to indemnify and hold harmless the Indemnitees herein from third party claims. In the event there is conflict between this clause and California Civil Code Section 2782, this clause shall be interpreted to comply with Civil Code 2782. Such interpretation shall not relieve the

CONTRACTOR from indemnifying the Indemnitees to the fullest extent allowed by law.

VI. PREVAILING WAGES

- A. Contractor shall comply with all applicable laws and regulations relating to prevailing wages. Wage rates for this Project shall be in accordance with the “General Wage Determination Made By the Director of Industrial Relations Pursuant To California Labor Code, Part 7, Chapter 1, Article 2, Sections 1770, 1773 and 1773.1”, for Riverside County. Wage rates shall conform with those posted at Beaumont City Hall and the Project site.
- B. The following Labor Code sections are hereby referenced and made a part of this Agreement:
 - 1. Section 1775 - Penalty for Failure to Comply with Prevailing Wage Rates.
 - 2. Section 1777.4 - Apprenticeship Requirements.
 - 3. Section 1777.5 - Apprenticeship Requirements.
 - 4. Section 1813 - Penalty for Failure to Pay Overtime.
 - 5. Sections 1810 and 1811 - Working Hour Restrictions.
 - 6. Section 1775 - Payroll Records.
 - 7. Section 1773.8 - Travel and Subsistence Pay.

VII. RECORD AUDIT

In accordance with Government Code, Section 8546.7, records of both the CITY and the CONTRACTOR shall be subject to examination and audit by the Auditor General for a period of three (3) years after final payment.

VIII. FINAL PAYMENT

Final payment, constituting the entire unpaid balance of the Agreement Sum, shall be paid by the CITY to the CONTRACTOR no sooner than thirty-five (35) days after a Notice of Completion has been recorded, unless otherwise stipulated in the Notice of Completion, provided the work has then been completed, the Agreement fully performed, and a final Certificate for Payment has been issued by the Engineer.

IX. CONTRACTOR'S FAILURE TO PROCURE COMPLETION OF PROJECT

In the event CONTRACTOR fails to furnish tools, equipment, or labor in the necessary quantity or quality, or fails to prosecute the work or any part thereof contemplated by this Agreement in a diligent and workmanlike manner, and if the CONTRACTOR for a period of three (3) calendar days after receipt of written demand from CITY or its designated representative to do so, fails to furnish tools, equipment, or labor in the necessary quantity or quality, and to prosecute its work and all parts thereof in a diligent and workmanlike manner, or after commencing to do so within said three (3) calendar days, fails to continue to do so; then the CITY may exclude the CONTRACTOR from the premises, or any portion thereof, and take possession of said premises or any portion thereof, together with all material and equipment thereon, and may complete the work contemplated by this Agreement or any portion of said work, either by furnishing the tools, equipment, labor or material necessary, or by letting the unfinished portion of said work, or the portion taken over by the CITY to another contractor or by a combination of such methods. In any event, the procuring of the completion of said work, or the portion thereof taken over by the CITY, shall be a charge against the CONTRACTOR, and may be deducted from any money due or becoming due to CONTRACTOR from the CITY, or the CONTRACTOR shall pay the CITY the amount of said charge, or the portion thereof unsatisfied. The sureties, provided for under this Agreement shall become liable for payment should CONTRACTOR fail to pay in full any said cost incurred by the CITY.

X. INSURANCE

Prior to the beginning of and throughout the duration of the Project, CONTRACTOR and its subcontractors shall maintain insurance in conformance with the requirements set forth below. CONTRACTOR will use existing coverage to comply with these requirements. If that existing coverage does not meet the requirements set forth herein, CONTRACTOR agrees to amend, supplement or endorse the existing coverage to do so.

CONTRACTOR acknowledges that the insurance coverage and policy limits set forth in this section constitute the minimum amount of coverage required. Any insurance proceeds available to CONTRACTOR or its subcontractors in excess of the limits and coverage identified in this Agreement and which is applicable to a given loss, claim or demand, will be equally available to CITY.

A. Types of Insurance

Without limiting CONTRACTOR's indemnification of CITY, and prior to commencement of Work, CONTRACTOR shall obtain, provide and maintain at its own expense during the term of this Agreement, policies of insurance of the type and amounts described below and in a form satisfactory to CITY:

- 1. General liability insurance.** CONTRACTOR shall maintain commercial general liability insurance with coverage at least as broad as Insurance Services

Office form CG 00 01, in an amount not less than \$1,000,000 per occurrence, \$2,000,000 general aggregate, for bodily injury, personal injury, and property damage, and a \$2,000,000 completed operations aggregate. The policy must include contractual liability that has not been amended. Any endorsement restricting standard ISO “insured contract” language will not be accepted.

2. **Automobile liability insurance.** CONTRACTOR shall maintain automobile insurance at least as broad as Insurance Services Office form CA 00 01 covering bodily injury and property damage for all activities of the CONTRACTOR arising out of or in connection with Work to be performed under this Agreement, including coverage for any owned, hired, non-owned or rented vehicles, in an amount not less than \$1,000,000 combined single limit for each accident.
3. **Umbrella or excess liability insurance.** If CONTRACTOR is using umbrella coverage to meet part of its liability insurance requirements under Paragraph 1 of this Section, CONTRACTOR shall obtain and maintain an umbrella or excess liability insurance that will provide bodily injury, personal injury, completed operations and property damage liability coverage at least as broad as the primary coverages set forth above, including commercial general liability and employer’s liability. Such policy or policies shall include the following terms and conditions:
 - A drop down feature requiring the policy to respond in the event that any primary insurance that would otherwise have applied proves to be uncollectable in whole or in part for any reason;
 - Pay on behalf of wording as opposed to reimbursement;
 - Concurrency of effective dates with primary policies;
 - Policies shall “follow form” to the underlying primary policies; and
 - Insureds under primary policies shall also be insureds under the umbrella or excess policies.
4. **Workers’ compensation insurance.** CONTRACTOR shall maintain Workers’ Compensation Insurance (Statutory Limits) and Employer’s Liability Insurance (with limits of at least \$1,000,000) for CONTRACTOR’s employees in accordance with the laws of the State of California, Section 3700 of the Labor Code. In addition, CONTRACTOR shall require each subcontractor to similarly maintain Workers’ Compensation Insurance and Employer’s Liability Insurance in accordance with the laws of the State of California, Section 3700 for all of the subcontractor’s employees.

CONTRACTOR shall submit to CITY, along with the certificate of insurance, a Waiver of Subrogation endorsement in favor of CITY, its officers, agents, employees and volunteers.

- 5. Pollution liability insurance.** Environmental Impairment Liability Insurance shall be written on a CONTRACTOR's Pollution Liability form or other form acceptable to CITY providing coverage for liability arising out of sudden, accidental and gradual pollution and remediation. The policy limit shall be no less than \$1,000,000 dollars per claim and in the aggregate. All activities contemplated in this Agreement shall be specifically scheduled on the policy as "covered operations." The policy shall provide coverage for the hauling of waste from the project site to the final disposal location, including non-owned disposal sites.

Products/completed operations coverage shall extend a minimum of three (3) years after project completion. Coverage shall be included on behalf of the insured for covered claims arising out of the actions of independent contractors. If the insured is using subcontractors, the Policy must include work performed "by or on behalf" of the insured. Policy shall contain no language that would invalidate or remove the insurer's duty to defend or indemnify for claims or suits expressly excluded from coverage. Policy shall specifically provide for a duty to defend on the part of the insurer. The CITY, its officials, officers, agents, and employees, shall be included as insureds under the policy.

- 6. Builder's risk insurance.** Upon commencement of construction and with approval of CITY, CONTRACTOR shall obtain and maintain builder's risk insurance for the entire duration of the Project until only the CITY has an insurable interest. The Builder's Risk coverage shall include the coverages as specified below.

The named insureds shall be CONTRACTOR and CITY, including its officers, officials, employees, and agents. All Subcontractors (excluding those solely responsible for design Work) of any tier and suppliers shall be included as additional insureds as their interests may appear. CONTRACTOR shall not be required to maintain property insurance for any portion of the Project following transfer of control thereof to CITY. The policy shall contain a provision that all proceeds from the builder's risk policy shall be made payable to the CITY. The CITY will act as a fiduciary for all other interests in the Project.

Policy shall be provided for replacement value on an "all risk" basis for the completed value of the project. There shall be no coinsurance penalty or provisional limit provision in any such policy. Policy must include: (1) coverage for any ensuing loss from faulty workmanship, Nonconforming Work, omission or deficiency in design or specifications; (2) coverage against machinery accidents and operational testing; (3) coverage for removal of debris, and insuring the buildings, structures, machinery, equipment, materials, facilities, fixtures and all other properties constituting a part of the Project; (4) Ordinance or law coverage for contingent rebuilding, demolition, and increased costs of construction; (5) transit coverage (unless insured by the supplier or receiving contractor), with sub-limits sufficient to insure the full replacement value of any key equipment item; (6) Ocean marine cargo coverage insuring

any Project materials or supplies, if applicable; (7) coverage with sub-limits sufficient to insure the full replacement value of any property or equipment stored either on or off the Site or any staging area. Such insurance shall be on a form acceptable to CITY to ensure adequacy of terms and sub-limits and shall be submitted to the CITY prior to commencement of construction.

B. Other provisions or requirements

- 1. Proof of insurance.** CONTRACTOR shall provide certificates of insurance to CITY as evidence of the insurance coverage required herein, along with a waiver of subrogation endorsement for workers' compensation. Insurance certificates and endorsements must be approved by CITY's risk manager prior to commencement of performance. Current certification of insurance shall be kept on file with CITY at all times during the term of this contract. CITY reserves the right to require complete, certified copies of all required insurance policies, at any time.
- 2. Duration of coverage.** CONTRACTOR shall procure and maintain for the duration of the contract insurance against claims for injuries to persons or damages to property, which may arise from or in connection with the performance of the Work hereunder by CONTRACTOR, his agents, representatives, employees or subcontractors. CONTRACTOR must maintain general liability and umbrella or excess liability insurance for as long as there is a statutory exposure to completed operations claims. CITY and its officers, officials, employees, and agents shall continue as additional insureds under such policies.
- 3. Primary/noncontributing.** Coverage provided by CONTRACTOR shall be primary and any insurance or self-insurance procured or maintained by CITY shall not be required to contribute with it. The limits of insurance required herein may be satisfied by a combination of primary and umbrella or excess insurance. Any umbrella or excess insurance shall contain or be endorsed to contain a provision that such coverage shall also apply on a primary and non-contributory basis for the benefit of CITY before the CITY's own insurance or self-insurance shall be called upon to protect it as a named insured.
- 4. CITY's rights of enforcement.** In the event any policy of insurance required under this Agreement does not comply with these requirements or is canceled and not replaced, CITY has the right but not the duty to obtain the insurance it deems necessary and any premium paid by CITY will be promptly reimbursed by CONTRACTOR or CITY will withhold amounts sufficient to pay premium from CONTRACTOR payments. In the alternative, CITY may cancel this Agreement.
- 5. Acceptable insurers.** All insurance policies shall be issued by an insurance company currently authorized by the Insurance Commissioner to transact

business of insurance or is on the List of Approved Surplus Line Insurers in the State of California, with an assigned policyholders' Rating of A- (or higher) and Financial Size Category Class VII (or larger) in accordance with the latest edition of Best's Key Rating Guide, unless otherwise approved by the CITY's risk manager.

- 6. Waiver of subrogation.** All insurance coverage maintained or procured pursuant to this agreement shall be endorsed to waive subrogation against CITY, its elected or appointed officers, agents, officials, employees and volunteers or shall specifically allow CONTRACTOR or others providing insurance evidence in compliance with these specifications to waive their right of recovery prior to a loss. CONTRACTOR hereby waives its own right of recovery against CITY, and shall require similar written express waivers and insurance clauses from each of its subconsultants.
- 7. Enforcement of contract provisions (non estoppel).** CONTRACTOR acknowledges and agrees that any actual or alleged failure on the part of the CITY to inform CONTRACTOR of non-compliance with any requirement imposes no additional obligations on the CITY nor does it waive any rights hereunder.
- 8. Requirements not limiting.** Requirements of specific coverage features or limits contained in this Section are not intended as a limitation on coverage, limits or other requirements, or a waiver of any coverage normally provided by any insurance. Specific reference to a given coverage feature is for purposes of clarification only as it pertains to a given issue and is not intended by any party or insured to be all inclusive, or to the exclusion of other coverage, or a waiver of any type. If the CONTRACTOR maintains higher limits than the minimums shown above, the CITY requires and shall be entitled to coverage for the higher limits maintained by the CONTRACTOR. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to the CITY.
- 9. Notice of cancellation.** CONTRACTOR agrees to oblige its insurance agent or broker and insurers to provide to CITY with a thirty (30) day notice of cancellation (except for nonpayment for which a ten (10) day notice is required) or nonrenewal of coverage for each required coverage.
- 10. Additional insured status.** General liability policies shall provide or be endorsed to provide that CITY, and the County of Riverside, and its officers, officials, employees, agents, and volunteers shall be additional insureds under such policies. This provision shall also apply to any excess/umbrella liability policies.
- 11. Prohibition of undisclosed coverage limitations.** None of the coverages required herein will be in compliance with these requirements if they include

any limiting endorsement of any kind that has not been first submitted to CITY and approved of in writing.

- 12. Separation of insureds.** A severability of interests provision must apply for all additional insureds ensuring that CONTRACTOR's insurance shall apply separately to each insured against whom claim is made or suit is brought, except with respect to the insurer's limits of liability. The policy(ies) shall not contain any cross-liability exclusions.
- 13. Pass through clause.** CONTRACTOR agrees to ensure that its subconsultants, subcontractors, and any other party involved with the project who is brought onto or involved in the project by CONTRACTOR, provide the same minimum insurance coverage and endorsements required of CONTRACTOR. CONTRACTOR agrees to monitor and review all such coverage and assumes all responsibility for ensuring that such coverage is provided in conformity with the requirements of this section. CONTRACTOR agrees that upon request, all agreements with consultants, subcontractors, and others engaged in the project will be submitted to CITY for review.
- 14. CITY's right to revise requirements.** The CITY reserves the right at any time during the term of the contract to change the amounts and types of insurance required by giving the CONTRACTOR a ninety (90) day advance written notice of such change. If such change results in substantial additional cost to the CONTRACTOR, the CITY and CONTRACTOR may renegotiate CONTRACTOR's compensation.
- 15. Self-insured retentions.** Any self-insured retentions must be declared to and approved by CITY. CITY reserves the right to require that self-insured retentions be eliminated, lowered, or replaced by a deductible. Self-insurance will not be considered to comply with these specifications unless approved by CITY.
- 16. Timely notice of claims.** CONTRACTOR shall give CITY prompt and timely notice of claims made or suits instituted that arise out of or result from CONTRACTOR's performance under this Agreement, and that involve or may involve coverage under any of the required liability policies.
- 17. Additional insurance.** CONTRACTOR shall also procure and maintain, at its own cost and expense, any additional kinds of insurance, which in its own judgment may be necessary for its proper protection and prosecution of the Work.

XI. CONTRACTOR'S LICENSE

CONTRACTOR must possess at the time of commencing work and throughout the Project duration, a Contractor's License, issued by the State of California, which is current and in good standing. CONTRACTOR shall ensure that any subcontractor working on the Project possesses at the time of commencing work and throughout the Project duration, a Contractor's License, issued by the State of California, which is current and in good standing.

XII. REGISTRATION REQUIREMENTS

A. Pursuant to Section 1771.1(a) of the Labor Code:

“A contractor or subcontractor shall not be qualified to bid on, be listed in a bid proposal, subject to the requirements of Section 4104 of the Public Contract Code, or engage in the performance of any contract for public work, as defined in this chapter, unless currently registered and qualified to perform public work pursuant to Section 1725.5. It is not a violation of this section for an unregistered contractor to submit a bid that is authorized by Section 7029.1 of the Business and Professions Code or by Section 10164 or 20103.5 of the Public Contract Code, provided the contractor is registered to perform public work pursuant to Section 1725.5 at the time the contract is awarded.”

B. CONTRACTOR must be registered with the Department of Industrial Relations (DIR) of the State of California in order to be eligible to work on public works projects. CONTRACTOR must ensure registration with the DIR that is active and in good standing.

C. No contractor or subcontractor may be listed on a bid proposal for a public works project (submitted on or after March 1, 2015) unless registered with the Department of Industrial Relations pursuant to Labor Code section 1725.5 [with limited exceptions from this requirement for bid purposes only under Labor Code section 1771.1(a)].

No contractor or subcontractor may be awarded a contract for public work on a public works project (awarded on or after April 1, 2015) unless registered with the Department of Industrial Relations pursuant to Labor Code section 1725.5.

This project is subject to compliance monitoring and enforcement by the Department of Industrial Relations.

C. The CONTRACTOR is not subject to public works requirements (including registration with the DIR) if the public works project is under \$1,000, unless the CITY knows that the same CONTRACTOR will be awarded total project costs in excess of \$1,000 for a given year.

XIII. CORPORATION IN GOOD STANDING

If CONTRACTOR is a corporation, the undersigned hereby represents and warrants that the corporation is duly incorporated and in good standing in the State of California, and that (Insert Name) whose title is (Insert Title) is authorized to act for and bind the corporation.

XIV. PROVISIONS REQUIRED BY LAW

Each and every provision of law and clause required by law to be inserted in this Agreement shall be deemed to be inserted herein and the Agreement shall be read and enforced as though it were included herein, and if through mistake or otherwise any such provision is not inserted, or is not currently inserted, then upon application of either party the Agreement shall forthwith be physically amended to make such insertion or correction.

XV. SUBSURFACE HAZARDOUS MATERIALS

- A. In the event trenches or other excavations extend deeper than four (4) feet below the surface, the CONTRACTOR shall promptly, and before the following conditions are disturbed, notify the CITY in writing of any:
 - 1. Material that the CONTRACTOR believes may be material that is hazardous waste, as defined in Section 25117 of the Health and Safety Code that is required to be removed to a Class I, Class II or Class III disposal site in accordance with the provisions of existing law.
 - 2. Subsurface or latent physical conditions at the site differing from those indicated.
 - 3. Unknown physical conditions at the site of any unusual nature, different materially from those ordinarily encountered and generally recognized as inherent in the Work or the character provided for in the CONTRACT.

- B. Upon receipt of said notification the CITY will investigate the conditions, and if it finds that the conditions do materially so differ, or do involve hazardous waste, and cause a decrease or increase in the CONTRACTOR's cost of or the time required for performance of any part of the work, the CITY will issue a change order under the procedures described in the General Conditions.

- C. In the event that a dispute arises between the CITY and the CONTRACTOR whether the conditions materially differ, or involve hazardous waste or cause a decrease or increase in the CONTRACTOR's cost of or time required for performance of any part of the work, the CONTRACTOR shall not be excused from any scheduled completion date provided for by the Agreement, but shall proceed with all work to be performed under the Agreement. The CONTRACTOR shall retain any and all rights provided either by Agreement or by law which pertain to the resolution of disputes and protests between the contracting parties.

XVI. COMPONENT PARTS OF THE CONTRACT

This Agreement entered into consists of the following CONTRACT DOCUMENTS, all of which are component parts of the Agreement as if herein set out in full or attached hereto:

- | | |
|--|---|
| <input type="checkbox"/> Notice Inviting Bids | <input type="checkbox"/> Information Required of Bidder |
| <input type="checkbox"/> Scope of Work Summary | <input type="checkbox"/> Construction Services Agreement |
| <input type="checkbox"/> Information for Bidders | <input type="checkbox"/> Certificate Regarding Worker's |
| <input type="checkbox"/> Bid Form | <input type="checkbox"/> Compensation |
| <input type="checkbox"/> Non-Collusion Affidavit | <input type="checkbox"/> Drug-free Workplace Certification |
| <input type="checkbox"/> Site Visit Certification | <input type="checkbox"/> Plans and Specifications |
| <input type="checkbox"/> Faithful Performance Bond | <input type="checkbox"/> Addenda |
| <input type="checkbox"/> Labor and Materials Payment Bond | <input type="checkbox"/> Drawings |
| <input type="checkbox"/> General and Supplemental Conditions | <input type="checkbox"/> Change Orders |
| <input type="checkbox"/> Special Conditions | <input type="checkbox"/> Shop Drawing Transmittals |
| <input type="checkbox"/> Project Construction Schedule | <input type="checkbox"/> Contractor's Certificate Regarding |
| <input type="checkbox"/> Proposed Subcontractors | <input type="checkbox"/> Non-Asbestos Containing Materials |
| <input type="checkbox"/> Bid Bond | |

All of the above named CONTRACT DOCUMENTS are intended to be complementary. Work required by one of the above named CONTRACT DOCUMENTS and not by others shall be done as if required by all.

XVII. ENTIRE CONTRACT

This Agreement constitutes the entire contract of the parties. No other agreements or contracts, whether oral or written, pertaining to the work to be performed, exists between the parties. This Agreement can be modified only by an amendment in writing, signed by both parties.

[Signatures on following page.]

SIGNATURE PAGE TO

**CITY OF BEAUMONT
PUBLIC WORKS AGREEMENT
(NAME OF CONTRACTOR)**

CITY:

CITY OF BEAUMONT

By: _____
Mike Lara, Mayor

CONTRACTOR:

By: _____

Print Name: _____

Title: _____

ATTEST:

By: _____
Steven Melman, City Clerk

APPROVED AS TO FORM:

By: _____
John O. Pinkney, City Attorney

CITY OF BEAUMONT
PUBLIC WORKS AGREEMENT
(NAME OF CONTRACTOR)

EXHIBIT "A"

CITY'S INVITATION FOR BIDS

DATED _____

(Insert behind this page.)

CITY OF BEAUMONT
PUBLIC WORKS AGREEMENT
(NAME OF CONTRACTOR)

EXHIBIT “B”

CONTRACTOR’S Bid

DATED _____

(Insert behind this page.)

CITY OF BEAUMONT
PUBLIC WORKS AGREEMENT
(NAME OF CONTRACTOR)

EXHIBIT “C”

Project Construction Schedule

(Insert behind this page.)

PERFORMANCE BOND

KNOW ALL PERSONS BY THESE PRESENTS:

THAT WHEREAS, _____ (hereinafter referred to as "City") has awarded to _____, (hereinafter referred to as the "Contractor") _____ an agreement for **ANNUAL CITYWIDE STREET REHABILITATION AND MAINTENANCE PROJECT 20/21 (CIP R-03, R-04, & R-06)** (hereinafter referred to as the "Project").

WHEREAS, the work to be performed by the Contractor is more particularly set forth in the Contract Documents for the Project dated _____, (hereinafter referred to as "Contract Documents"), the terms and conditions of which are expressly incorporated herein by reference; and

WHEREAS, the Contractor is required by said Contract Documents to perform the terms thereof and to furnish a bond for the faithful performance of said Contract Documents.

NOW, THEREFORE, we, _____, the undersigned Contractor and _____ as Surety, a corporation organized and duly authorized to transact business under the laws of the State of California, are held and firmly bound unto the City in the sum of _____ DOLLARS, (\$_____), said sum being not less than one hundred percent (100%) of the total amount of the Contract, for which amount well and truly to be made, we bind ourselves, our heirs, executors and administrators, successors and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH, that, if the Contractor, his or its heirs, executors, administrators, successors or assigns, shall in all things stand to and abide by, and well and truly keep and perform the covenants, conditions and agreements in the Contract Documents and any alteration thereof made as therein provided, on its part, to be kept and performed at the time and in the manner therein specified, and in all respects according to their intent and meaning; and shall faithfully fulfill all obligations including the one-year guarantee of all materials and workmanship; and shall indemnify and save harmless the City, its officers and agents, as stipulated in said Contract Documents, then this obligation shall become null and void; otherwise it shall be and remain in full force and effect.

As a part of the obligation secured hereby and in addition to the face amount specified therefore, there shall be included costs and reasonable expenses and fees including reasonable attorney's fees, incurred by City in enforcing such obligation.

As a condition precedent to the satisfactory completion of the Contract Documents, unless otherwise provided for in the Contract Documents, the above obligation shall hold good for a period of one (1) year after the acceptance of the work by City, during which time if Contractor shall fail to make full, complete, and satisfactory repair and replacements and totally protect the City from loss or damage resulting from or caused by defective materials or faulty workmanship.

PERFORMANCE BOND

The obligations of Surety hereunder shall continue so long as any obligation of Contractor remains. Nothing herein shall limit the City's rights or the Contractor or Surety's obligations under the Contract, law or equity, including, but not limited to, California Code of Civil Procedure section 337.15.

Whenever Contractor shall be, and is declared by the City to be, in default under the Contract Documents, the Surety shall remedy the default pursuant to the Contract Documents, or shall promptly, at the City's option:

- (1) Take over and complete the Project in accordance with all terms and conditions in the Contract Documents; or
- (2) Obtain a bid or bids for completing the Project in accordance with all terms and conditions in the Contract Documents and upon determination by Surety of the lowest responsive and responsible bidder, arrange for a Contract between such bidder, the Surety and the City, and make available as work progresses sufficient funds to pay the cost of completion of the Project, less the balance of the contract price, including other costs and damages for which Surety may be liable. The term "balance of the contract price" as used in this paragraph shall mean the total amount payable to Contractor by the City under the Contract and any modification thereto, less any amount previously paid by the City to the Contractor and any other set offs pursuant to the Contract Documents.
- (3) Permit the City to complete the Project in any manner consistent with California law and make available as work progresses sufficient funds to pay the cost of completion of the Project, less the balance of the contract price, including other costs and damages for which Surety may be liable. The term "balance of the contract price" as used in this paragraph shall mean the total amount payable to Contractor by the City under the Contract and any modification thereto, less any amount previously paid by the City to the Contractor and any other set offs pursuant to the Contract Documents.

Surety expressly agrees that the City may reject any contractor or subcontractor which may be proposed by Surety in fulfillment of its obligations in the event of default by the Contractor.

Surety shall not utilize Contractor in completing the Project nor shall Surety accept a bid from Contractor for completion of the Project if the CITY, when declaring the Contractor in default, notifies Surety of the City's objection to Contractor's further participation in the completion of the Project.

The Surety, for value received, hereby stipulates and agrees that no change, extension of time, alteration or addition to the terms of the Contract Documents or to the Project to be performed thereunder shall in any way affect its obligations on this bond, and it does hereby waive notice of any such change, extension of time, alteration or addition to the terms of the Contract Documents or to the Project.

[Remainder of Page Left Intentionally Blank.]

PERFORMANCE BOND

IN WITNESS WHEREOF, we have hereunto set our hands and seals this _____ day of _____, 2019.

CONTRACTOR/PRINCIPAL

Name

By _____

SURETY:

By: _____
Attorney-In-Fact

The rate of premium on this bond is _____ per thousand. The total amount of premium charges, \$ _____.
(The above must be filled in by corporate attorney.)

THIS IS A REQUIRED FORM

Any claims under this bond may be addressed to:

(Name and Address of Surety) _____

(Name and Address of Agent or Representative for service of process in California, if different from above) _____

(Telephone number of Surety and Agent or Representative for service of process in California) _____

STATE OF CALIFORNIA)
) ss.
CITY OF _____)

On this _____ day of _____, in the year 2019, before me, _____, a Notary Public in and for said state, personally appeared _____, known to me to be the person whose name is subscribed to the within instrument as the Attorney-In-Fact of the (Surety) acknowledged to me that he subscribed the name of the _____ (Surety) thereto and his own name as Attorney-In-Fact.

Notary Public in and for said State

(SEAL)

Commission expires: _____

NOTE: A copy of the Power-of-Attorney to local representatives of the bonding company must be attached hereto.

PAYMENT BOND (LABOR AND MATERIALS)

KNOW ALL MEN BY THESE PRESENTS That

WHEREAS, the City of Beaumont (hereinafter designated as the "City"), by action taken or a resolution passed _____, 2020_ has awarded to _____ hereinafter designated as the "Principal," a contract for the work described as follows:

(the "Project"); and

WHEREAS, said Principal is required to furnish a bond in connection with said contract; providing that if said Principal or any of its Subcontractors shall fail to pay for any materials, provisions, provender, equipment, or other supplies used in, upon, for or about the performance of the work contracted to be done, or for any work or labor done thereon of any kind, or for amounts due under the Unemployment Insurance Code or for any amounts required to be deducted, withheld, and paid over to the Employment Development Department from the wages of employees of said Principal and its Subcontractors with respect to such work or labor the Surety on this bond will pay for the same to the extent hereinafter set forth.

NOW THEREFORE, we, the Principal and _____ as Surety, are held and firmly bound unto the City in the penal sum of _____ Dollars (\$_____) lawful money of the United States of America, for the payment of which sum well and truly to be made, we bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH that if said Principal, his or its subcontractors, heirs, executors, administrators, successors or assigns, shall fail to pay any of the persons named in Section 3181 of the Civil Code, fail to pay for any materials, provisions or other supplies, used in, upon, for or about the performance of the work contracted to be done, or for any work or labor thereon of any kind, or amounts due under the Unemployment Insurance Code with respect to work or labor performed under the contract, or for any amounts required to be deducted, withheld, and paid over to the Employment Development Department or Franchise Tax Board from the wages of employees of the contractor and his subcontractors pursuant to Section 18663 of the Revenue and Taxation Code, with respect to such work and labor the Surety or Sureties will pay for the same, in an amount not exceeding the sum herein above specified, and also, in case suit is brought upon this bond, all litigation expenses incurred by the City in such suit, including reasonable attorneys' fees, court costs, expert witness fees and investigation expenses.

This bond shall inure to the benefit of any of the persons named in Section 3181 of the Civil Code so as to give a right of action to such persons or their assigns in any suit brought upon this bond.

It is further stipulated and agreed that the Surety on this bond shall not be exonerated or released from the obligation of this bond by any change, extension of time for performance, addition, alteration or modification in, to, or of any contract, plans, specifications, or agreement pertaining

PAYMENT (LABOR AND MATERIALS) BOND

or relating to any scheme or work of improvement herein above described, or pertaining or relating to the furnishing of labor, materials, or equipment therefore, nor by any change or modification of any terms of payment or extension of the time for any payment pertaining or relating to any scheme or work of improvement herein above described, nor by any rescission or attempted rescission or attempted rescission of the contract, agreement or bond, nor by any conditions precedent or subsequent in the bond attempting to limit the right of recovery of claimants otherwise entitled to recover under any such contract or agreement or under the bond, nor by any fraud practiced by any person other than the claimant seeking to recover on the bond and that this bond be construed most strongly against the Surety and in favor of all persons for whose benefit such bond is given, and under no circumstances shall Surety be released from liability to those for whose benefit such bond has been given, by reason of any breach of contract between the owner or City and original contractor or on the part of any obligee named in such bond, but the sole conditions of recovery shall be that claimant is a person described in Section 3110 or 3112 of the Civil Code, and has not been paid the full amount of his claim and that Surety does hereby waive notice of any such change, extension of time, addition, alteration or modification herein mentioned.

IN WITNESS WHEREOF, two (2) identical counterparts of this instrument, each of which shall for all purposes be deemed unoriginal thereof, have been duly executed by the Principal and Surety above named, on the ____ day of _____ 20 ____ the name and corporate seal of each corporate party being hereto affixed and these presents duly signed b its undersigned representative pursuant to authority of its governing body.

(Corporate Seal of Principal,
if corporation)

Principal (Property Name of Contractor)

By _____
(Signature of Contractor)

(Seal of Surety)

Surety

By _____
Attorney in Fact

(Attached Attorney-In-Fact
Certificate and Required
Acknowledgements)

*Note: Appropriate Notarial Acknowledgments of Execution by Contractor and +surety and a power of Attorney MUST BE ATTACHED.

GENERAL CONDITIONS

GC01. DEFINITIONS

- a. Acceptable, Acceptance or words of similar import shall be understood to be the acceptance of the Engineer and/or the City.
- b. Act of God an Act of God is an earthquake of magnitude 3.5 on the Richter scale and tidal waves.
- c. Approval means written authorization by Engineer and/or City.
- d. Contract Documents includes all documents as stated in the Contract.
- e. City and Contractor are those stated in the Contract. The terms City and Owner may be used interchangeably.
- f. Day shall mean calendar day unless otherwise specifically designated.
- g. Engineer shall mean the General Manager, or his or her designee, of the Department of Public Works for the City of Beaumont, acting either directly or through properly authorized agents, such as agents acting within the scope of the particular duties entrusted to them. Also sometimes referred to as the “City’s Representative” or “Representative” in the Contract Documents.
- h. Equal, Equivalent, Satisfactory, Directed, Designated, Selected, As Required and similar words shall mean the written approval, selection, satisfaction, direction, or similar action of the Engineer and/or City.
- i. Indicated, Shown, Detailed, Noted, Scheduled or words of similar meaning shall mean that reference is made to the drawings, unless otherwise noted. It shall be understood that the direction, designation, selection, or similar import of the Engineer and/or City is intended, unless stated otherwise.
- j. Install means the complete installation of any item, equipment or material.
- k. Material shall include machinery, equipment, manufactured articles, or construction such as form work, fasteners, etc., and any other classes of material to be furnished in connection with the Contract. All materials shall be new unless specified otherwise.
- l. Perform shall mean that the Contractor, at Contractor’s expense, shall take all actions necessary to complete The Work, including furnishing of necessary labor, tools, and equipment, and providing and installing Materials that are indicated, specified, or required to complete such performance.
- m. Project is The Work planned by City as provided in the Contract Documents.

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- n. Provide shall include provide complete in place, that is furnish, install, test and make ready for use.
- o. Recyclable Waste Materials shall mean materials removed from the Project site which are required to be diverted to a recycling center rather than an area landfill. Recyclable Waste Materials include asphalt, concrete, brick, concrete block, and rock.
- p. Specifications means that portion of the Contract Documents consisting of the written requirements for materials, equipment, construction systems, standards and workmanship for the work. Except for Sections 1-9 of the Standard Specifications for Public Works Construction (“Greenbook”), 2015 Edition which are specifically excluded from incorporation into these Contract Documents, the Work shall be done in accordance with the Greenbook, including all current supplements, addenda, and revisions thereof. In the case of conflict between the Greenbook and the Contract Documents, the Contract Documents shall prevail.
- q. The Work means the entire improvement planned by the City pursuant to the Contract Documents.
- r. Work means labor, equipment and materials incorporated in, or to be incorporated in the construction covered by the Contract Documents.

GC02. CONTRACT DOCUMENTS

- a. **Contract Documents.** The Contract Documents are complementary, and what is called for by one shall be as binding as if called for by all.
- b. **Interpretations.** The Contract Documents are intended to be fully cooperative and to be complementary. If Contractor observes that any documents are in conflict, the Contractor shall promptly notify the Engineer in writing. In case of conflicts between the Contract Documents, the order of precedence shall be as follows:
 - 1. Change Orders or Work Change Directives
 - 2. Addenda
 - 3. Special Provisions (or Special Conditions)
 - 4. Technical Specifications
 - 5. Plans (Contract Drawings)
 - 6. Contract
 - 7. General Conditions
 - 8. Instructions to Bidders
 - 9. Notice Inviting Bids
 - 10. Contractor’s Bid Forms
 - 11. Greenbook Standard Specifications (Sections 1-9 Excluded)
 - 12. Standard Plans
 - 13. Reference Documents

With reference to the Drawings, the order of precedence shall be as follows:

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1. Figures govern over scaled dimensions
 2. Detail drawings govern over general drawings
 3. Addenda or Change Order drawings govern over Contract Drawings
 4. Contract Drawings govern over Standard Drawings
 5. Contract Drawings govern over Shop Drawings
- c. **Conflicts in Contract Documents.** Notwithstanding the orders of precedence established above, in the event of conflicts, the higher standard shall always apply.
- d. **Organization of Contract Documents.** Organization of the Contract Documents into divisions, sections, and articles, and arrangement of drawings shall not control the Contractor in dividing The Work among subcontractors or in establishing the extent of Work to be performed by any trade.

GC03. CONTRACTS DOCUMENTS: COPIES & MAINTENANCE

Contractor will be furnished, free of charge, **five (5)** copies of the Contract Documents. Additional copies may be obtained at cost of reproduction.

Contractor shall maintain a clean, undamaged set of Contract Documents at the Project site.

GC04. DETAIL DRAWINGS AND INSTRUCTIONS

- a. **Examination of Contract Documents.** Before commencing any portion of The Work, Contractor shall again carefully examine all applicable Contract Documents, the Project site and other information given to Contractor as to materials and methods of construction and other Project requirements. Contractor shall immediately notify the Engineer of any potential error, inconsistency, ambiguity, conflict or lack of detail or explanation. If Contractor performs, permits, or causes the performance of any Work which is in error, inconsistent or ambiguous, or not sufficiently detailed or explained, Contractor shall bear any and all resulting costs, including, without limitation, the cost of correction. In no case shall the Contractor or any subcontractor proceed with Work if uncertain as to the applicable requirements.
- b. **Additional Instructions.** After notification of any error, inconsistency, ambiguity, conflict or lack of detail or explanation, the Engineer will provide any required additional instructions, by means of drawings or other written direction, necessary for proper execution of Work.
- c. **Quality of Parts, Construction and Finish.** All parts of The Work shall be of the best quality of their respective kinds and the Contractor must use all diligence to inform itself fully as to the required construction and finish. In no case shall Contractor proceed with The Work without obtaining first from the Engineer such Approval may be necessary for the proper performance of Work.
- d. **Contractor's Variation from Contract Document Requirements.** If it is found that the Contractor has varied from the requirements of the Contract Documents including the requirement to comply with all applicable laws, ordinances, rules and regulations, the

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Engineer may at any time, before or after completion of the Work, order the improper Work removed, remade or replaced by the Contractor at the Contractor's expense.

GC05. EXISTENCE OF UTILITIES AT THE WORK SITE

- a. The City has endeavored to determine the existence of utilities at the Project site from the records of the owners of known utilities in the vicinity of the Project. The positions of these utilities as derived from such records are shown on the Plans.
- b. No excavations were made to verify the locations shown for underground utilities. The service connections to these utilities are not shown on the plans. It shall be the responsibility of the Contractor to determine the exact location of all service connections. The Contractor shall make its own investigations, including exploratory excavations, to determine the locations and type of service connections, prior to commencing Work which could result in damage to such utilities. The Contractor shall immediately notify the City in writing of any utility discovered in a different position than shown on the Plans or which is not shown on the Plans.
- c. All water meters, water valves, fire hydrants, electrical utility vaults, telephone vaults, gas utility valves, and other subsurface structures shall be relocated or adjusted to final grade by the Contractor. Locations of existing utilities shown on the Plans are approximate and may not be complete. The Contractor shall be responsible for coordinating its Work with all utility companies during the construction of The Work.
- d. Notwithstanding the above, pursuant to Section 4215 of the Government Code, the City has the responsibility to identify, with reasonable accuracy, main or trunkline facilities on the plans and specifications. In the event that main or trunkline utility facilities are not identified with reasonable accuracy in the plans and specifications made a part of the invitation for bids, City shall assume the responsibility for their timely removal, relocation, or protection.
- e. Contractor, except in an emergency, shall contact the appropriate regional notification center, Southern California Underground Service Alert at 1-800-227-2600 at least two working days prior to commencing any excavation if the excavation will be performed in an area which is known, or reasonably should be known, to contain subsurface installations other than the underground facilities owned or operated by the City, and obtain an inquiry identification number from that notification center. No excavation shall be commenced or carried out by the Contractor unless such an inquiry identification number has been assigned to the Contractor or any subcontractor of the Contractor and the City has been given the identification number by the Contractor.

GC06. SCHEDULE

- a. **Estimated Schedule.** Within fourteen (14) days after the issuance of the Notice to Proceed, Contractor shall prepare a Project schedule and shall submit this to the Engineer for Approval. The receipt or Approval of any schedules by the Engineer or the City shall not in any way relieve the Contractor of its obligations under the Contract Documents. The Contractor is fully responsible to determine and provide for any and all staffing and

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resources at levels which allow for good quality and timely completion of the Project. Contractor's failure to incorporate all elements of Work required for the performance of the Contract or any inaccuracy in the schedule shall not excuse the Contractor from performing all Work required for a completed Project within the specified Contract time period. If the required schedule is not received by the time the first payment under the Contract is due, Contractor shall not be paid until the schedule is received, reviewed and accepted by the Engineer.

- b. **Schedule Contents.** The schedule shall allow enough time for inclement weather. The schedule shall indicate the beginning and completion dates of all phases of construction; critical path for all critical, sequential time related activities; and "float time" for all "slack" or "gaps" in the non-critical activities. The schedule shall clearly identify all staffing and other resources which in the Contractor's judgment are needed to complete the Project within the time specified for completion. Schedule duration shall match the Contract time. Schedules indicating early completion will be rejected.
- c. **Schedule Updates.** Contractor shall continuously update its construction schedule. Contractor shall submit an updated and accurate construction schedule to the Engineer whenever requested to do so by Engineer and with each progress payment request. The Engineer may withhold progress payments or other amounts due under the Contract Documents if Contractor fails to submit an updated and accurate construction schedule.

GC07. SUBSTITUTIONS

- a. Pursuant to Public Contract Code Section 3400(b) the City may make a finding that is described in the invitation for bids that designates certain products, things, or services by specific brand or trade name.
- b. Unless specifically designated in the Contract Documents, whenever any material, process, or article is indicated or specified by grade, patent, or proprietary name or by name of manufacturer, such Specifications shall be deemed to be used for the purpose of facilitating the description of the material, process or article desired and shall be deemed to be followed by the words "or equal." Contractor may, unless otherwise stated, offer for substitution any material, process or article which shall be substantially equal or better in every respect to that so indicated or specified in the Contract Documents. However, the City may have adopted certain uniform standards for certain materials, processes and articles.
- c. Contractor shall submit requests, together with substantiating data, for substitution of any "or equal" material, process or article no later than thirty-five (35) days after award of the Contract. To facilitate the construction schedule and sequencing, some requests may need to be submitted before thirty-five (35) days after award of Contract. Provisions regarding submission of "or equal" requests shall not in any way authorize an extension of time for performance of this Contract. If a proposed "or equal" substitution request is rejected, Contractor shall be responsible for providing the specified material, process or article. The burden of proof as to the equality of any material, process or article shall rest with the Contractor. The City has the complete and sole discretion to determine if a material, process or article is an "or equal" material, process or article that may be substituted.

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- d. Data required to substantiate requests for substitutions of an “or equal” material, process or article shall include a signed affidavit from the Contractor stating that, and describing how, the substituted “or equal” material, process or article is equivalent to that specified in every way except as listed on the affidavit. Substantiating data shall include any and all illustrations, specifications, and other relevant data including catalog information which describes the requested substituted “or equal” material, process or article, and substantiates that it is an “or equal” to the material, process or article. The substantiating data must also include information regarding the durability and lifecycle cost of the requested substituted “or equal” material, process or article. Failure to submit all the required substantiating data, including the signed affidavit, to the City in a timely fashion will result in the rejection of the proposed substitution.
- e. The Contractor shall bear all of the City’s costs associated with the review of substitution requests.
- f. The Contractor shall be responsible for all costs related to a substituted “or equal” material, process or article.
- g. Contractor is directed to the Special Conditions (if any) to review any findings made pursuant to Public Contract Code section 3400.

GC08. SHOP DRAWINGS

- a. Contractor shall check and verify all field measurements and shall submit with such promptness as to provide adequate time for review and cause no delay in his own Work or in that of any other contractor, subcontractor, or worker on the Project, six (6) copies of all shop or setting drawings, calculations, schedules, and materials list, and all other provisions required by the Contract. Contractor shall sign all submittals affirming that submittals have been reviewed and approved by Contractor prior to submission to Engineer. Each signed submittal shall affirm that the submittal meets all the requirements of the Contract Documents except as specifically and clearly noted and listed on the cover sheet of the submittal.
- b. Contractor shall make any corrections required by the Engineer, and file with the Engineer six (6) corrected copies each, and furnish such other copies as may be needed for completion of the Work. Engineer’s approval of shop drawings shall not relieve Contractor from responsibility for deviations from the Contract Documents unless Contractor has, in writing, called Engineer’s attention to such deviations at time of submission and has secured the Engineer’s written Approval. Engineer’s Approval of shop drawings shall not relieve Contractor from responsibility for errors in shop drawings.

GC09. SUBMITTALS

- a. Contractor shall furnish to the Engineer for approval, prior to purchasing or commencing any Work, a log of all samples, material lists and certifications, mix designs, schedules, and other submittals, as required in the specifications. The log shall indicate whether samples will be provided in accordance with other provisions of this Contract.

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- b. Contractor will provide samples and submittals, together with catalogs and supporting data required by the Engineer, to the Engineer within a reasonable time period to provide for adequate review and avoid delays in the Work.
- c. These requirements shall not authorize any extension of time for performance of this Contract. Engineer will check and approve such samples, but only for conformance with design concept of work and for compliance with information given in the Contract Documents. Work shall be in accordance with approved samples and submittals.

GC10. MATERIALS

- a. Except as otherwise specifically stated in the Contract Documents, Contractor shall provide and pay for all materials, labor, tools, equipment, water, lights, power, transportation, superintendence, temporary constructions of every nature, and all other services and facilities of every nature whatsoever necessary to execute and complete this Contract within specified time.
- b. Unless otherwise specified, all materials shall be new and the best of their respective kinds and grades as noted and/or specified, and workmanship shall be of good quality.
- c. Materials shall be furnished in ample quantities and at such times as to ensure uninterrupted progress of The Work and shall be stored properly and protected as required by the Contract Documents. Contractor shall be entirely responsible for damage or loss by weather or other causes to materials or Work.
- d. No materials, supplies, or equipment for Work under this Contract shall be purchased subject to any chattel mortgage or under a conditional sale or other agreement by which an interest therein or in any part thereof is retained by the seller or supplier. Contractor warrants good title to all material, supplies, and equipment installed or incorporated in the work and agrees upon completion of all work to deliver the Project, to the City free from any claims, liens, or charges.
- e. Materials shall be stored on the Project site in such manner so as not to interfere with any operations of the City or any independent contractor.

GC11. CONTRACTOR'S SUPERVISION

Contractor shall continuously keep at the Project site, a competent and experienced full-time Project superintendent approved by the City. Superintendent must be able to proficiently speak, read and write in English. Contractor shall continuously provide efficient supervision of the Project.

GC12. WORKERS

- a. Contractor shall at all times enforce strict discipline and good order among its employees. Contractor shall not employ on the Project any unfit person or any one not skilled in the Work assigned to him or her.

- b. Any person in the employ of the Contractor whom the City may deem incompetent or unfit shall be dismissed from The Work and shall not be employed on this Project except with the written Approval of the City.

GC13. SUBCONTRACTORS

- a. Contractor agrees to bind every subcontractor to the terms of the Contract Documents as far as such terms are applicable to subcontractor's portion of The Work. Contractor shall be as fully responsible to the City for the acts and omissions of its subcontractors and of persons either directly or indirectly employed by its subcontractors, as Contractor is for acts and omissions of persons directly employed by Contractor. Nothing contained in these Contract Documents shall create any contractual relationship between any subcontractor and the City.
- b. The City reserves the right to Approve all subcontractors. The City's Approval of any subcontractor under this Contract shall not in any way relieve Contractor of its obligations in the Contract Documents.
- c. Prior to substituting any subcontractor listed in the Bid Forms, Contractor must comply with the requirements of the Subletting and Subcontracting Fair Practices Act pursuant to California Public Contract Code section 4100 et seq.

GC14. PERMITS AND LICENSES

Permits and licenses necessary for prosecution of The Work shall be secured and paid for by Contractor, unless otherwise specified in the Contract Documents.

- a. Contractor shall obtain and pay for all other permits and licenses required for The Work, including excavation permit and for plumbing, mechanical and electrical work and for operations in or over public streets or right of way under jurisdiction of public agencies other than the City.
- b. The Contractor shall arrange and pay for all off-site inspection of the Work related to permits and licenses, including certification, required by the specifications, drawings, or by governing authorities, except for such off-site inspections delineated as the City's responsibility pursuant to the Contract Documents.
- c. Before Acceptance of the Project, the Contractor shall submit all licenses, permits, certificates of inspection and required approvals to the City.

GC15. UTILITY USAGE

- a. All temporary utilities, including but not limited to electricity, water, gas, and telephone, used on the Work shall be furnished and paid for by Contractor. Contractor shall Provide necessary temporary distribution systems, including meters, if necessary, from distribution points to points on The Work where the utility is needed. Upon completion of The Work, Contractor shall remove all temporary distribution systems.

- b. Contractor shall provide necessary and adequate utilities and pay all costs for water, electricity, gas, oil, and sewer charges required for completion of the Project.
- c. All permanent meters Installed shall be listed in the Contractor's name until Project Acceptance.
- d. If the Contract is for construction in existing facilities, Contractor may, with prior written Approval of the City, use the City's existing utilities by compensating the City for utilities used by Contractor.

GC16. INSPECTION FEES FOR PERMANENT UTILITIES

All inspection fees and other municipal charges for permanent utilities including, but not limited to, sewer, electrical, phone, gas, water, and irrigation shall be paid for by the City. Contractor shall be responsible for arranging the payment of such fees, but inspection fees and other municipal fees relating to permanent utilities shall be paid by the City. Contractor may either request reimbursement from the City for such fees, or shall be responsible for arranging and coordination with City for the payment of such fees.

GC17. TRENCHES

- a. Trenches Five Feet or More in Depth. The Contractor shall submit to the City, in advance of excavation, a detailed plan showing the design of shoring, bracing, sloping or other provisions to be made for worker protection from the hazard of caving ground during the excavation of any trench or trenches five feet or more in depth. If the plan varies from shoring system standards, the plan shall be prepared by a registered civil or structural engineer. The plan shall not be less effective than the shoring, bracing, sloping, or other provisions of the Construction Safety Orders, as defined in the California Code of Regulations.
- b. Excavations Deeper than Four Feet. If work under this Contract involves digging trenches or other excavation that extends deeper than four feet below the surface, Contractor shall promptly, and before the following conditions are disturbed, notify the City, in writing, of any:
 - 1) Material that the Contractor believes may be material that is hazardous waste, as defined in Section 25117 of the Health and Safety Code, that is required to be removed to a Class I, Class II, or Class III disposal site in accordance with provisions of existing law.
 - 2) Subsurface or latent physical conditions at the site differing from those indicated.
 - 3) Unknown physical conditions at the site of any unusual nature, different materially from those ordinarily encountered and generally recognized as inherent in work of the character provided for in the Contract.

The City shall promptly investigate the conditions, and if it finds that the conditions do so materially differ, or do involve hazardous waste, and cause a decrease or increase in

Contractor's cost of, or the time required for, performance of any part of The Work, shall issue a change order under the procedures described in the Contract Documents.

In the event that a dispute arises between the City and the Contractor as to whether the conditions materially differ, or involve hazardous waste, or cause a decrease or increase in the Contractor's cost of, or time required for, performance of any part of The Work, the Contractor shall not be excused from any scheduled completion date provided for by the Contract, but shall proceed with all Work to be performed under the Contract. Contractor shall retain any and all rights provided either by contract or by law which pertain to the resolution of disputes and protests between the parties.

GC18. DIVERSION OF RECYCLABLE WASTE MATERIALS

In compliance with the applicable City's waste reduction and recycling efforts, Contractor shall divert all Recyclable Waste Materials to appropriate recycling centers. Contractor will be required to submit weight tickets and written proof of diversion with its monthly progress payment requests. Contractor shall complete and execute any certification forms required by City or other applicable agencies to document Contractor's compliance with these diversion requirements. All costs incurred for these waste diversion efforts shall be the responsibility of the Contractor.

GC19. REMOVAL OF HAZARDOUS MATERIALS

Should Contractor encounter material reasonably believed to be polychlorinated biphenyl (PCB) or other toxic wastes and hazardous materials which have not been rendered harmless at the Project site, the Contractor shall immediately stop work at the affected Project site and shall report the condition to the City in writing. The City shall contract for any services required to directly remove and/or abate PCBs and other toxic wastes and hazardous materials, if required by the Project site(s), and shall not require the Contractor to subcontract for such services. The Work in the affected area shall not thereafter be resumed except by written agreement of the City and Contractor.

GC20. SANITARY FACILITIES

Contractor shall provide sanitary temporary toilet buildings for the use of all workers. All toilets shall comply with local codes and ordinances. Toilets shall be kept supplied with toilet paper and shall have workable door fasteners. Toilets shall be serviced no less than once weekly and shall be present in a quantity of not less than 1 per 20 workers as required by CAL-OSHA regulation. The toilets shall be maintained in a sanitary condition at all times. Use of toilet facilities in The Work under construction shall not be permitted. Any other Sanitary Facilities required by CAL-OSHA shall be the responsibility of the Contractor.

GC21. AIR POLLUTION CONTROL

Contractor shall comply with all air pollution control rules, regulations, ordinances and statutes. All containers of paint, thinner, curing compound, solvent or liquid asphalt shall be labeled to indicate that the contents fully comply with the applicable material requirements.

GC22. COMPLIANCE WITH STATE STORM WATER PERMIT

- a. Contractor shall be required to comply with all conditions of the State Water Resources Control Board (“State Water Board”) National Pollutant Discharge Elimination System General Permit for Waste Discharge Requirements for Discharges of Storm Water Runoff Associated with Construction Activity (“Permit”) for all construction activity which results in the disturbance of in excess of one acre of total land area or which is part of a larger common area of development or sale. Contractor shall be responsible for filing the Notice of Intent and for obtaining the Permit. Contractor shall be solely responsible for preparing and implementing a Storm Water Pollution Prevention Plan (“SWPPP”) prior to initiating Work. In bidding on this Contract, it shall be Contractor’s responsibility to evaluate the cost of procuring the Permit and preparing the SWPPP as well as complying with the SWPPP and any necessary revision to the SWPPP. Contractor shall comply with all requirements of the State Water Resources Control Board. Contractor shall include all costs of compliance with specified requirements in the Contract amount.
- b. Contractor shall be responsible for procuring, implementing and complying with the provisions of the Permit and the SWPPP, including the standard provisions, monitoring and reporting requirements as required by the Permit. Contractor shall provide copies of all reports and monitoring information to the Engineer.
- c. Contractor shall comply with the lawful requirements of any applicable municipality, the City, drainage district, and other local agencies regarding discharges of storm water to separate storm drain system or other watercourses under their jurisdiction, including applicable requirements in municipal storm water management programs.
- d. Storm, surface, nuisance, or other waters may be encountered at various times during construction of The Work. Therefore, the Contractor, by submitting a Bid, hereby acknowledges that it has investigated the risk arising from such waters, has prepared its Bid accordingly, and assumes any and all risks and liabilities arising therefrom.
- e. Failure to comply with the Permit is in violation of federal and state law. Contractor hereby agrees to indemnify and hold harmless City, its officials, officers, agents, employees and authorized volunteers from and against any and all claims, demands, losses or liabilities of any kind or nature which City, its officials, officers, agents, employees and authorized volunteers may sustain or incur for noncompliance with the Permit arising out of or in connection with the Project, except for liability resulting from the sole established negligence, willful misconduct or active negligence of the City, its officials, officers, agents, employees or authorized volunteers. City may seek damages from Contractor for delay in completing the Contract in accordance with the Contract Documents, caused by Contractor’s failure to comply with the Permit.

GC23. CLEANING UP

- a. Contractor at all times shall keep premises free from debris such as waste, rubbish, and excess materials and equipment. Contractor shall not store debris under, in, or about the premises. Upon completion of Work, Contractor shall clean the interior and exterior of the

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building or improvement including fixtures, equipment, walls, floors, ceilings, roofs, window sills and ledges, horizontal projections, and any areas where debris has collected so surfaces are free from foreign material or discoloration. Contractor shall clean and polish all glass, plumbing fixtures, and finish hardware and similar finish surfaces and equipment and contractor shall also remove temporary fencing, barricades, planking and construction toilet and similar temporary facilities from site. Contractor shall also clean all buildings, asphalt and concrete areas to the degree necessary to remove oil, grease, fuel, or other stains caused by Contractor operations or equipment.

- b. Contractor shall fully clean up the site at the completion of The Work. If the Contractor fails to immediately clean up at the completion of The Work, the City may do so and the cost of such clean up shall be charged back to the Contractor.

GC24. LAYOUT AND FIELD ENGINEERING

All field engineering required for laying out The Work and establishing grades for earthwork operations shall be furnished by the Contractor at its expense. Layout shall be done by a registered civil engineer Approved by the Engineer. Any required “as-built” drawings of the Work shall be prepared by the registered civil engineer.

GC25. EXCESSIVE NOISE

- a. The Contractor shall use only such equipment on the work and in such state of repair so that the emission of sound therefrom is within the noise tolerance level of that equipment as established by CAL-OSHA.
- b. The Contractor shall comply with the most restrictive of the following: (1) local sound control and noise level rules, regulations and ordinances and (2) the requirements contained in these Contract Documents, including hours of operation requirements. No internal combustion engine shall be operated on the Project without a muffler of the type recommended by the manufacturer. Should any muffler or other control device sustain damage or be determined to be ineffective or defective, the Contractor shall promptly remove the equipment and shall not return said equipment to the job until the device is repaired or replaced. Said noise and vibration level requirements shall apply to all equipment on the job or related to the job, including but not limited to, trucks, transit mixers or transit equipment that may or may not be owned by the Contractor.

GC26. TESTS AND INSPECTIONS

- a. If the Contract Documents, the Engineer, or any instructions, laws, ordinances, or public authority require any part of The Work to be tested or Approved, Contractor shall provide the Engineer at least two (2) working days notice of its readiness for observation or inspection. If inspection is by a public authority other than the City, Contractor shall promptly inform the City of the date fixed for such inspection. Required certificates of inspection (or similar) shall be secured by Contractor. Costs for City testing and City

inspection shall be paid by the City. Costs of tests for Work found not to be in compliance shall be paid by the Contractor.

- b. If any Work is done or covered up without the required testing or approval, the Contractor shall uncover or deconstruct the Work, and the Work shall be redone after completion of the testing at the Contractor's cost in compliance with the Contract Documents.
- c. Where inspection and testing are to be conducted by an independent laboratory or agency, materials or samples of materials to be inspected or tested shall be selected by such laboratory or agency, or by the City, and not by Contractor. All tests or inspections of materials shall be made in accordance with the commonly recognized standards of national organizations.
- d. In advance of manufacture of materials to be supplied by Contractor which must be tested or inspected, Contractor shall notify the City so that the City may arrange for testing at the source of supply. Any materials which have not satisfactorily passed such testing and inspection shall not be incorporated into The Work.
- e. If the manufacture of materials to be inspected or tested will occur in a plant or location outside the geographic limits of City, the Contractor shall pay for any excessive or unusual costs associated with such testing or inspection, including but not limited to excessive travel time, standby time and required lodging.
- f. Reexamination of Work may be ordered by the City. If so ordered, Work must be uncovered or deconstructed by Contractor. If Work is found to be in accordance with the Contract Documents, the City shall pay the costs of reexamination and reconstruction. If such work is found not to be in accordance with the Contract Documents, Contractor shall pay all costs.

GC27. PROTECTION OF WORK AND PROPERTY

- a. The Contractor shall be responsible for all damages to persons or property that occur as a result of The Work. Contractor shall be responsible for the proper care and protection of all materials delivered and Work performed until completion and final Acceptance by the City. All Work shall be solely at the Contractor's risk. Contractor shall adequately protect adjacent property from settlement or loss of lateral support as necessary. Contractor shall comply with all applicable safety laws and building codes to prevent accidents or injury to persons on, about, or adjacent to the Project site where Work is being performed. Contractor shall erect and properly maintain at all times, as required by field conditions and progress of work, all necessary safeguards, signs, barriers, lights, and watchmen for protection of workers and the public, and shall post danger signs warning against hazards created in the course of construction.
- b. In an emergency affecting safety of life or of work or of adjoining property, Contractor, without special instruction or authorization from the Engineer, is hereby permitted to act to prevent such threatened loss or injury; and Contractor shall so act, without appeal, if so authorized or instructed by the Engineer or the City. Any compensation claimed by

Contractor on account of emergency work shall be determined by and agreed upon by the City and the Contractor.

- c. Contractor shall provide such heat, covering, and enclosures as are necessary to protect all Work, materials, equipment, appliances, and tools against damage by weather conditions.
- d. Contractor shall take adequate precautions to protect existing sidewalks, curbs, pavements, utilities, and other adjoining property and structures, and to avoid damage thereto, and Contractor shall repair any damage thereto caused by The Work operations. Contractor shall:
 - 1) Enclose the working area with a substantial barricade, and arrange work to cause minimum amount of inconvenience and danger to the public.
 - 2) Provide substantial barricades around any shrubs or trees indicated to be preserved.
 - 3) Deliver materials to the Project site over a route designated by the Engineer.
 - 4) Provide any and all dust control required and follow the Applicable air quality regulations as appropriate. If the Contractor does not comply, the City shall have the immediate authority to provide dust control and deduct the cost from payments to the Contractor.
 - 5) Confine Contractor's apparatus, the storage of materials, and the operations of its workers to limits required by law, ordinances, permits, or directions of the Engineer. Contractor shall not unreasonably encumber the Project site with its materials.
 - 6) Take care to prevent disturbing or covering any survey markers, monuments, or other devices marking property boundaries or corners. If such markers are disturbed by accident, they shall be replaced by an approved civil engineer or land surveyor, at no cost to the City.
 - 7) Ensure that existing facilities, fences and other structures are all adequately protected and that, upon completion of all Work, all facilities that may have been damaged are restored to a condition acceptable to the City.
 - 8) Preserve and protect from injury all buildings, pole lines and all direction, warning and mileage signs that have been placed within the right-of-way.
 - 9) At the completion of work each day, leave the Project site in a clean, safe condition.
 - 10) Comply with any stage construction and traffic handling plans. Access to residences and businesses shall be maintained at all times.

These precautionary measures will apply continuously and not be limited to normal working hours. Full compensation for the Work involved in the preservation of life, safety and property as above specified shall be considered as included in the prices paid for the various contract items of Work, and no additional allowance will be made therefor.

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- e. Should damage to persons or property occur as a result of The Work, Contractor shall be responsible for proper investigation, documentation, including video or photography, to adequately memorialize and make a record of what transpired. The City shall be entitled to inspect and copy any such documentation, video, or photographs.

GC28. CONTRACTORS MEANS AND METHODS

Contractor is solely responsible for the means and methods utilized to Perform The Work. In no case shall the Contractor's means and methods deviate from commonly used industry standards.

GC29. INSPECTOR'S FIELD OFFICE

- a. The Contractor shall be responsible for providing the inspector's field office. The Office shall be a substantial waterproof construction with adequate natural light and ventilation by means of stock design windows. Door shall have a key type lock or padlock clasp. The office shall have heating and air conditioning and shall be equipped with a telephone, a telephone answering machine, and a fax machine at Contractor's expense.
- b. A table satisfactory for the study of plans and two chairs shall be Provided by Contractor. Contractor shall Provide and pay for adequate electric lights, local telephone service, and adequate heat and air conditioning for the field office until authorized removal.

GC30. AUTHORIZED REPRESENTATIVES

The City shall designate representatives, who shall have the right to be present at the Project site at all times. The City may designate an inspector who shall have the right to observe all of the Contractor's Work. The inspector is not authorized to make changes in the Contract Documents. The inspector shall not be responsible for the Contractor's failure to carry out The Work in accordance with the Contract Documents. Contractor shall provide safe and proper facilities for such access.

GC31. HOURS OF WORK

- a. Eight (8) hours of work shall constitute a legal day's work. The Contractor and each subcontractor shall forfeit, as penalty to the City, twenty-five dollars (\$25) for each worker employed in the execution of Work by the Contractor or any subcontractor for each day during which such worker is required or permitted to work more than eight (8) hours in any one day and forty (40) hours in any week in violation of the provisions of the Labor Code, and in particular, Section 1810 to Section 1815, except as provided in Labor Code Section 1815.
- b. Work shall be accomplished on a regularly scheduled eight (8) hour per day work shift basis, Monday through Friday, between the hours of 7:00 a.m. and 5:00 p.m.
- c. It shall be unlawful for any person to operate, permit, use, or cause to operate any of the following at the Project site, other than between the hours of 7:00 a.m. to 5:00 p.m., Monday through Friday, with no Work allowed on City-observed holidays, unless otherwise Approved by the Engineer:

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- 1) Powered Vehicles
- 2) Construction Equipment
- 3) Loading and Unloading Vehicles
- 4) Domestic Power Tool.

GC32. PAYROLL RECORDS

- a. Pursuant to Labor Code Section 1776, the Contractor and each subcontractor shall maintain weekly certified payroll records showing the name, address, social security number, work classification, straight time and overtime hours paid each day and week, and the actual per diem wages paid to each journeyman, apprentice, worker or other employee employed in connection with the work. Contractor shall certify under penalty of perjury that records maintained and submitted by Contractor are true and accurate. Contractor shall also require subcontractor(s) to certify weekly payroll records under penalty of perjury.
- b. The payroll records described herein shall be certified and submitted by the Contractor at a time designated by the City. The Contractor shall also provide the following:
 - 1) A certified copy of the employee's payroll records shall be made available for inspection or furnished to such employee or his or her authorized representative on request.
 - 2) A certified copy of all payroll records described herein shall be made available for inspection or furnished upon request of the Department of Industrial Relations ("DIR").
- c. The certified payroll records shall be on forms provided by the Division of Labor Standards Enforcement ("DLSE") of the DIR or shall contain the same information as the forms provided by the DLSE.
- d. Any copy of records made available for inspection and furnished upon request to the public shall be marked or obliterated in such a manner as to prevent disclosure of an individual's name, address, and social security number. The name and address of the Contractor or any subcontractor shall not be marked or obliterated.
- e. In the event of noncompliance with the requirements of this Section, the Contractor shall have ten (10) days in which to comply subsequent to receipt of written notice specifying any item or actions necessary to ensure compliance with this section. Should noncompliance still be evident after such ten (10) day period, the Contractor shall, as a penalty to the City, forfeit Twenty-five Dollars (\$25.00) for each day, or portion thereof, for each worker until strict compliance is effectuated. Upon the request of the DIR, such penalties shall be withheld from contract payments.

GC33. PREVAILING RATES OF WAGES

- a. The Contractor is aware of the requirements of Labor Code Sections 1720 et seq. and 1770 et seq., as well as California Code of Regulations, Title 8, Section 16000 et seq. (“Prevailing Wage Laws”), which require the payment of prevailing wage rates and the performance of other requirements on certain “public works” and “maintenance” projects. Since this Project involves an applicable “public works” or “maintenance” project, as defined by the Prevailing Wage Laws, and since the total compensation is \$1,000 or more, Contractor agrees to fully comply with such Prevailing Wage Laws. The Contractor shall obtain a copy of the prevailing rates of per diem wages at the commencement of this Agreement from the website of the Division of Labor Statistics and Research of the Department of Industrial Relations located at www.dir.ca.gov/dlsr/. In the alternative, the Contractor may view a copy of the prevailing rates of per diem wages at the City. Contractor shall make copies of the prevailing rates of per diem wages for each craft, classification or type of worker needed to perform work on the Project available to interested parties upon request, and shall post copies at the Contractor’s principal place of business and at the Project site. Contractor shall defend, indemnify and hold the City, its elected officials, officers, employees and agents free and harmless from any claims, liabilities, costs, penalties or interest arising out of any failure or alleged failure to comply with the Prevailing Wage Laws.
- b. The Contractor and each subcontractor shall forfeit as a penalty to the City not more than fifty dollars (\$50) for each calendar day, or portion thereof, for each worker paid less than the stipulated prevailing wage rate for any work done by him, or by any subcontract under him, in violation of the provisions of the Labor Code. The difference between such stipulated prevailing wage rate and the amount paid to each worker for each calendar day or portion thereof for which each worker was paid less than the stipulated prevailing wage rate shall be paid to each worker by the Contractor.
- c. Contractor shall post, at appropriate conspicuous points on the Project site, a schedule showing all determined general prevailing wage rates and all authorized deductions, if any, from unpaid wages actually earned.
- d. If the Work involves federal funds or otherwise requires compliance with the Davis-Bacon Fair Labor Standards Act, the Contractor and all its subcontractors shall comply with the higher of the state or federal prevailing wage rates.

GC34. EMPLOYMENT OF APPRENTICES

The Contractor’s attention is directed to the provisions of Sections 1777.5, 1777.6, and 1777.7 of the Labor Code concerning employment of apprentices by the Contractor or any subcontractor. The Contractor shall obtain a certificate of apprenticeship before employing any apprentice pursuant to Section 1777.5, 1777.6, and 1777.7 of the Labor Code. Information relative to apprenticeship standards, wage schedules, and other requirements may be obtained from the Director of Industrial Relations, the Administrator of Apprenticeships, San Francisco, California, or from the Division of Apprenticeship Standards and its branch offices.

GC35. NONDISCRIMINATION/EQUAL EMPLOYMENT OPPORTUNITY

Pursuant to Labor Code Section 1735 and other applicable provisions of law, the Contractor and its subcontractors shall not discriminate against any employee or applicant for employment because of race, color, religion, sex, national origin, age, political affiliation, marital status, or handicap on this Project. The Contractor will take affirmative action to insure that employees are treated during employment or training without regard to their race, color, religion, sex, national origin, age, political affiliation, marital status, or handicap.

GC36. LABOR/EMPLOYMENT SAFETY

The Contractor shall maintain emergency first aid treatment for his employees which complies with the Federal Occupational Safety and Health Act of 1970 (29 U.S.C. § 651 et seq.), and California Code of Regulations, Title 8, Industrial Relations Division 1, Department of Industrial Relations, Chapter 4.

GC37. WORKERS' COMPENSATION INSURANCE

The Contractor shall Provide, during the life of this Contract, workers' compensation insurance for all of the employees engaged in Work under this Contract, on or at the Project site, and, in case any of sublet Work, the Contractor shall require the subcontractor similarly to provide workers' compensation insurance for all the latter's employees as prescribed by State law. Any class of employee or employees not covered by a subcontractor's insurance shall be covered by the Contractor's insurance. In case any class of employees engaged in work under this Contract, on or at the Project site, is not protected under the Workers' Compensation Statutes, the Contractor shall provide or shall cause a subcontractor to provide, adequate insurance coverage for the protection of such employees not otherwise protected. The Contractor is required to secure payment of compensation to his employees in accordance with the provisions of Section 3700 of the Labor Code. The Contractor shall file with the City certificates of his insurance protecting workers. Company or companies providing insurance coverage shall be acceptable to the City, if in the form and coverage as set forth in the Contract Documents.

GC38. EMPLOYER'S LIABILITY INSURANCE

Contractor shall provide during the life of this Contract, Employer's Liability Insurance, including Occupational Disease, in the amount of, at least, one million dollars (\$1,000,000.00) per person per accident. Contractor shall provide City with a certificate of Employer's Liability Insurance. Such insurance shall comply with the provisions of the Contract Documents. The policy shall be endorsed, if applicable, to provide a Borrowed Servant/Alternate Employer Endorsement and contain a Waiver of Subrogation in favor of the City.

GC39. COMMERCIAL GENERAL LIABILITY INSURANCE

- a. Contractor shall procure and maintain during the life of this Contract and for such other period as may be required herein, at its sole expense, Commercial General Liability insurance coverage, including but not limited to, premises liability, contractual liability, products/completed operations if applicable, personal and advertising injury – which may arise from or out of Contractor's operations, use, and management of the Project site, or

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the performance of its obligations hereunder. Policy limits shall not be less than **\$2,000,000** per occurrence for bodily injury, personal injury and property damage. If Commercial General Liability Insurance or other form with a general aggregate limit is used, either the general aggregate limit shall apply separately to this project/location or the general aggregate limit shall be twice the required occurrence limit.

- b. Such policy shall comply with all the requirements of this Article. The limits set forth herein shall apply separately to each insured against whom claims are made or suits are brought, except with respect to the limits of liability. Further the limits set forth herein shall not be construed to relieve the Contractor from liability in excess of such coverage, nor shall it limit Contractor's indemnification obligations to the City, and shall not preclude the City from taking such other actions available to the City under other provisions of the Contract Documents or law.
- c. Contractor shall make certain that any and all subcontractors hired by Contractor are insured in accordance with this Contract. If any subcontractor's coverage does not comply with the foregoing provisions, Contractor shall indemnify and hold the City harmless from any damage, loss, cost, or expense, including attorneys' fees, incurred by the City as a result thereof.
- d. All general liability policies provided pursuant to the provisions of this Article shall comply with the provisions of the Contract Documents.
- e. All general liability policies shall be written to apply to all bodily injury, including death, property damage, personal injury, owned and non-owned equipment, blanket contractual liability, completed operations liability, explosion, collapse, under-ground excavation, removal of lateral support, and other covered loss, however occasioned, occurring during the policy term, and shall specifically insure the performance by Contractor of that part of the indemnification contained in these General Conditions, relating to liability for injury to or death of persons and damage to property. If the coverage contains one or more aggregate limits, a minimum of 50% of any such aggregate limit must remain available at all times; if over 50% of any aggregate limit has been paid or reserved, the City may require additional coverage to be purchased by Contractor to restore the required limits. Contractor may combine primary, umbrella, and as broad as possible excess liability coverage to achieve the total limits indicated above. Any umbrella or excess liability policy shall include the additional insured endorsement described in the Contract Documents.

GC40. AUTOMOBILE LIABILITY INSURANCE

Contractor shall take out and maintain at all times during the term of this Contract Automobile Liability Insurance in the amount of, at least, one million dollars (\$1,000,000). Such insurance shall provide coverage for bodily injury and property damage including coverage for non-owned and hired vehicles, in a form and with insurance companies acceptable to the City. Such insurance shall comply with the provisions of Article 30 below.

GC41. BUILDER’S RISK [“ALL RISK”]

- a. It is the Contractor’s responsibility to maintain or cause to be maintained Builder’s Risk [“All Risk”] extended coverage insurance on all work, material, equipment, appliances, tools, and structures which are a part of the Contract and subject to loss or damage by fire, and vandalism and malicious mischief, in an amount to cover 100% of the replacement cost. The City accepts no responsibility until the Contract is formally accepted by the Governing Board for the work. The Contractor is required to file with the City a certificate evidencing fire insurance coverage.
- b. Provide insurance coverage on completed value form, all-risk or special causes of loss coverage.
 - 1) Insurance policies shall be so conditioned as to cover the performance of any extra work performed under the Contract.
 - 2) Coverage shall include all materials stored on site and in transit.
 - 3) Coverage shall include Contractor’s tools and equipment.
 - 4) Insurance shall include boiler, machinery and material hoist coverage.
- c. Such insurance shall comply with the provisions of the Contract Documents.

GC42. FORM AND PROOF OF CARRIAGE OF INSURANCE

- a. Any insurance carrier providing insurance coverage required by the Contract Documents shall be admitted to and authorized to do business in the State of California unless waived, in writing, by the City Risk Manager. Carrier(s) shall have an A.M. Best rating of not less than an A:VIII. Insurance deductibles or self-insured retentions must be declared by the Contractor, and such deductibles and retentions shall have the prior written consent from the City. At the election of the City the Contractor shall either 1) reduce or eliminate such deductibles or self-insured retentions, or 2) procure a bond which guarantees payment of losses and related investigations, claims administration, and defense costs and expenses.
- b. Contractor shall cause its insurance carrier(s) to furnish the City with either 1) a properly executed original Certificate(s) of Insurance and certified original copies of Endorsements effecting coverage as required herein, or 2) if requested to do so in writing by the City Risk Manager, provide original Certified copies of policies including all Endorsements and all attachments thereto, showing such insurance is in full force and effect. The City, its Director’s and officers, employees, agents or representatives are named as Additional Insureds and Provide a Waiver of Subrogation in favor of those parties. Further, said Certificate(s) and policies of insurance shall contain the covenant of the insurance carrier(s) that shall provide no less than thirty (30) days written notice be given to the City prior to any material modification or cancellation of such insurance. In the event of a material modification or cancellation of coverage, the City may terminate or Stop Work pursuant to the Contract Documents, unless the City receives, prior to such effective date, another properly executed original Certificate of Insurance and original copies of

endorsements or certified original policies, including all endorsements and attachments thereto evidencing coverages set forth herein and the insurance required herein is in full force and effect. Contractor shall not take possession, or use the Project site, or commence operations under this Agreement until the City has been furnished original Certificate(s) of Insurance and certified original copies of Endorsements or policies of insurance including all Endorsements and any and all other attachments as required in this Section. The original Endorsements for each policy and the Certificate of Insurance shall be signed by an individual authorized by the insurance carrier to do so on its behalf.

- c. It is understood and agreed to by the parties hereto and the insurance company(s), that the Certificate(s) of Insurance and policies shall so covenant and shall be construed as primary, and the City's insurance and/or deductibles and/or self-insured retentions or self-insured programs shall not be construed as contributory.
- d. The City reserves the right to adjust the monetary limits of insurance coverage's during the term of this Contract including any extension thereof-if in the City's reasonable judgment, the amount or type of insurance carried by the Contractor becomes inadequate.
- e. Contractor shall pass down the insurance obligations contained herein to all tiers of sub-contractors working under this Contract.

GC43. TIME FOR COMPLETION AND LIQUIDATED DAMAGES

- a. **Time for Completion/Liquidated Damages.** Work shall be commenced within ten (10) days of the date stated in the City's Notice to Proceed and shall be completed by Contractor in the time specified in the Contract Documents. The City is under no obligation to consider early completion of the Project; and the Contract completion date shall not be amended by the City's receipt or acceptance of the Contractor's proposed earlier completion date. Furthermore, Contractor shall not, under any circumstances, receive additional compensation from the City (including but not limited to indirect, general, administrative or other forms of overhead costs) for the period between the time of earlier completion proposed by the Contractor and the Contract completion date. If The Work is not completed as stated in the Contract Documents, it is understood that the City will suffer damage. In accordance with Government Code section 53069.85, being impractical and infeasible to determine the amount of actual damage, it is agreed that Contractor shall pay to the City as fixed and liquidated damages, and not as a penalty, **the sum of \$500 for each day of delay** until The Work is fully completed. Contractor and its surety shall be liable for any liquidated damages. Any money due or to become due the Contractor may be retained to cover liquidated damages.
- b. **Inclement Weather.** Contractor shall abide the Engineer's determination of what constitutes inclement weather. Time extensions for inclement weather shall only be granted when the Work stopped during inclement weather is on the critical path of the Project schedule.
- c. **Extension of Time.** Contractor shall not be charged liquidated damages because of any delays in completion of The Work due to unforeseeable causes beyond the control and

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without the fault or negligence of Contractor (or its subcontractors or suppliers). Contractor shall within five (5) Days of identifying any such delay notify the City in writing of causes of delay. The City shall ascertain the facts and extent of delay and grant extension of time for completing The Work when, in its judgment, the facts justify such an extension. Time extensions to the Project shall be requested by the Contractor as they occur and without delay. No delay claims shall be permitted unless the event or occurrence delays the completion of the Project beyond the Contract completion date.

- d. **No Damages for Reasonable Delay.** The City's liability to Contractor for delays for which the City is responsible shall be limited to only an extension of time unless such delays were unreasonable under the circumstances. In no case shall the City be liable for any costs which are borne by the Contractor in the regular course of business, including, but not limited to, home office overhead and other ongoing costs. Damages caused by unreasonable City delay, including delays caused by items that are the responsibility of the City pursuant to Government Code section 4215, shall be based on actual costs only, no proportions or formulas shall be used to calculate any delay damages.

GC44. COST BREAKDOWN AND PERIODIC ESTIMATES

Contractor shall furnish on forms Approved by the City:

- a. Within ten (10) Days of award of the Contract a detailed estimate giving a complete breakdown of the Contract price;
- b. A monthly itemized estimate of Work done for the purpose of making progress payments. In order for the City to consider and evaluate each progress payment application, the Contractor shall submit a detailed measurement of Work performed and a progress estimate of the value thereof before the tenth (10th) Day of the following month.
- c. Contractor shall submit, with each of its payment requests, an adjusted list of actual quantities, verified by the Engineer, for unit price items listed, if any, in the Bid Form.
- d. Following the City's Acceptance of the Work, the Contractor shall submit to the City a written statement of the final quantities of unit price items for inclusion in the final payment request.
- e. The City shall have the right to adjust any estimate of quantity and to subsequently correct any error made in any estimate for payment.

Contractor shall certify under penalty of perjury, that all cost breakdowns and periodic estimates accurately reflect the Work on the Project.

GC45. MOBILIZATION

- a. When a bid item is included in the Bid Form for mobilization, the costs of Work in advance of construction operations and not directly attributable to any specific bid item will be included in the progress estimate ("Initial Mobilization"). When no bid item is provided

for “Initial Mobilization,” payment for such costs will be deemed to be included in the other items of The Work.

- b. Payment for Initial Mobilization based on the lump sum provided in the Bid Form, which shall constitute full compensation for all such Work. No payment for Initial Mobilization will be made until all of the listed items have been completed to the satisfaction of the Engineer. The scope of the Work included under Initial Mobilization shall include, but shall not be limited to, the following principal items:
1. Obtaining and paying for all bonds, insurance, and permits.
 2. Moving on to the Project site of all Contractor’s plant and equipment required for first month’s operations.
 3. Installing temporary construction power, wiring, and lighting facilities.
 4. Establishing fire protection system.
 5. Developing and installing a construction water supply.
 6. Providing and maintaining the field office trailers for the Contractor and the Engineer, complete, with all specified furnishings and utility services including telephones, telephone appurtenances, computer and printer, and copying machine.
 7. Providing on-site communication facilities for the Owner and the Engineer, including telephones, radio pagers, and fax machines.
 8. Providing on-site sanitary facilities and potable water facilities as specified per Cal-OSHA and these Contract Documents.
 9. Furnishing, installing, and maintaining all storage buildings or sheds required for temporary storage of products, equipment, or materials that have not yet been installed in the Work. All such storage shall meet manufacturer’s specified storage requirements, and the specific provisions of the specifications, including temperature and humidity control, if recommended by the manufacturer, and for all security.
 10. Arranging for and erection of Contractor’s work and storage yard, including required project signage.
 11. Posting all OSHA required notices and establishment of safety programs per Cal-OSHA.
 12. Full-time presence of Contractor’s superintendent at the job site as required herein.
 13. Submittal of Construction Schedule as required by the Contract Documents.

GC46. PAYMENTS

- a. The City shall make monthly progress payments following receipt of undisputed and properly submitted payment requests. Contractor shall be paid a sum equal to ninety percent (95%) of the value of Work performed up to the last day of the previous month, less the aggregate of previous payments.
- b. The Contractor shall, after the full completion of The Work, submit a final payment application. All prior progress estimates shall be subject to correction in the final estimate and payment.
- c. Unless otherwise required by law, the final payment of five percent (5%) of the value of the Work, if unencumbered, shall be paid no later than sixty (35) Days after the date of recordation of the Notice of Completion.
- d. Acceptance by Contractor of the final payment shall constitute a waiver of all claims against the City arising from this Contract.
- e. Payments to the Contractor shall not be construed to be an acceptance of any defective work or improper materials, or to relieve the Contractor of its obligations under the Contract Documents.
- f. The Contractor shall submit with each payment request the Contractor's conditional waiver of lien for the entire amount covered by such payment request, as well as a valid unconditional waiver of lien from the Contractor and all subcontractors and materialmen for all work and materials included in any prior invoices. Waivers of lien shall be in the forms prescribed by California Civil Code Section 3262. Prior to final payment by the City, the Contractor shall submit a final waiver of lien for the Contractor's work, together with releases of lien from any subcontractor or materialmen.

GC47. PAYMENTS WITHHELD AND BACKCHARGES

In addition to amounts which the City may retain under other provisions of the Contract Documents the City may withhold payments due to Contractor as may be necessary to cover:

- a. Stop Notice Claims.
- b. Defective work not remedied.
- c. Failure of Contractor to make proper payments to its subcontractors or suppliers.
- d. Completion of the Contract if there exists a reasonable doubt that the work can be completed for balance then unpaid.
- e. Damage to another contractor or third party.
- f. Amounts which may be due the City for claims against Contractor.

- g. Failure of Contractor to keep the record (“as-built”) drawings up to date.
- h. Failure to provide updates on the construction schedule.
- i. Site clean up.
- j. Failure of the Contractor to comply with requirements of the Contract Documents.
- k. Liquidated damages.
- l. Legally permitted penalties.

Upon completion of the Contract, the City will reduce the final Contract amount to reflect costs charged to the Contractor, backcharges or payments withheld pursuant to the Contract Documents.

GC48. CHANGES AND EXTRA WORK

a. Change Order Work.

- 1) The City, without invalidating the Contract, may order changes in the Work consisting of additions, deletions or other revisions, the Contract amount and Contract time being adjusted accordingly. All such changes in the Work shall be authorized by Change Order, and shall be performed under the applicable conditions of the Contract Documents. A Change Order signed by the Contractor indicates the Contractor's agreement therewith, including any adjustment in the Contract amount or the Contract time, and the full and final settlement of all costs (direct, indirect and overhead) related to the Work authorized by the Change Order.
- 2) All claims for additional compensation to the Contractor shall be presented in writing before the expense is incurred and will be adjusted as provided herein. No work shall be allowed to lag pending such adjustment, but shall be promptly executed as directed, even if a dispute arises. No claim will be considered after the work in question has been done unless a written contract change order has been issued or a timely written notice of claim has been made by Contractor. Contractor shall not be entitled to claim or bring suit for damages, whether for loss of profits or otherwise, on account of any decrease or omission of any item or portion of Work to be done. Whenever any change is made as provided for herein, such change shall be considered and treated as though originally included in the Contract, and shall be subject to all terms, conditions and provisions of the original Contract.
- 3) Owner Initiated Change. The Contractor must submit a complete cost proposal, including any change in the Contract time, within seven (7) Days after receipt of a scope of a proposed change order, unless the City requests that proposals be submitted in less than seven (7) Days.
- 4) Contractor Initiated Change. The Contractor must give written notice of a proposed change order required for compliance with the Contract Documents within seven (7) Days of discovery of the facts giving rise to the proposed change order.

- 5) Whenever possible, any changes to the Contract amount shall be in a lump sum mutually agreed to by the Contractor and the City.
- 6) Price quotations from the Contractor shall be accompanied by sufficiently detailed supporting documentation to permit verification by the City.
- 7) If the Contractor fails to submit the cost proposal within the seven (7) Day period (or as requested), the City has the right to order the Contractor in writing to commence the work immediately on a force account basis and/or issue a lump sum change to the contract price in accordance with the City's estimate of cost. If the change is issued based on the City estimate, the Contractor will waive its right to dispute the action unless within fifteen (15) Days following completion of the added/deleted work, the Contractor presents written proof that the City's estimate was in error.
- 8) Estimates for lump sum quotations and accounting for cost-plus-percentage work shall be limited to direct expenditures necessitated specifically by the subject extra work, and shall be segregated as follows:
 - (a) Labor. The costs of labor will be the actual cost for wages prevailing locally for each craft or type of worker at the time the extra work is done, plus employer payments of payroll taxes and insurance, health and welfare, pension, vacation, apprenticeship funds, and other direct costs resulting from Federal, State or local laws, as well as assessment or benefits required by lawful collective bargaining agreements. The use of a labor classification which would increase the extra work cost will not be permitted unless the contractor establishes the necessity for such additional costs. Labor costs for equipment operators and helpers shall be reported only when such costs are not included in the invoice for equipment rental.
 - (b) Materials. The cost of materials reported shall be at invoice or lowest current price at which such materials are locally available in the quantities involved, plus sales tax, freight and delivery. Materials cost shall be based upon supplier or manufacturer's invoice. If invoices or other satisfactory evidence of cost are not furnished within fifteen (15) Days of delivery, then the Engineer shall determine the materials cost, at its sole discretion.
 - (c) Tool and Equipment Use. No payment will be made for the use of small tools, tools which have a replacement value of \$1,000 or less. Regardless of ownership, the rates to be used in determining equipment use costs shall not exceed listed rates prevailing locally at equipment rental agencies, or distributors, at the time the work is performed.
 - (d) Overhead, Profit and Other Charges. The mark-up for overhead (including supervision) and profit on work added to the Contract shall be according to the following:

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- i. “Net Cost” is defined as consisting of costs of labor, materials and tools and equipment only excluding overhead and profit. The costs of applicable insurance and bond premium will be reimbursed to the Contractor and subcontractors at cost only, without mark-up.
 - ii. For Work performed by the Contractor’s forces the added cost for overhead and profit shall not exceed fifteen (15%) percent of the Net Cost of the Work.
 - iii. For Work performed by a subcontractor, the added cost for overhead and profit shall not exceed fifteen (15%) percent of the Net Cost of the Work to which the Contractor may add five (5%) percent of the subcontractor’s Net Cost.
 - iv. For Work performed by a sub-subcontractor the added cost for overhead and profit shall not exceed fifteen (15 %) percent of the Net Cost for Work to which the subcontractor and general contractor may each add an additional five (5 %) percent of the Net Cost of the lower tier subcontractor.
 - iv. No additional mark up will be allowed for lower tier subcontractors, and in no case shall the added cost for overhead and profit payable by City exceed twenty-five (25%) percent of the Net Cost as defined herein.
- 9) For added or deducted Work by subcontractors, the Contractor shall furnish to the City the subcontractor’s signed detailed estimate of the cost of labor, material and equipment, including the subcontractor markup for overhead and profit. The same requirement shall apply to sub-subcontractors.
- 10) For added or deducted work furnished by a vendor or supplier, the Contractor shall furnish to the City a detailed estimate or quotation of the cost to the Contractor, signed by such vendor or supplier.
- 11) Any change in The Work involving both additions and deletions shall indicate a net total cost, including subcontracts and materials. Allowance for overhead and profit, as specified herein, shall be applied if the net total cost is an extra; overhead and profit allowances shall not be applied if the net total cost is a credit. The estimated cost of deductions shall be based on labor and material prices on the date the Contract was executed.
- 12) Contractor shall not reserve a right to assert impact costs, extended job site costs, extended overhead, constructive acceleration and/or actual acceleration beyond what is stated in the change order for work. No claims shall be allowed for impact, extended overhead costs, constructive acceleration and/or actual acceleration due to a multiplicity of changes and/or clarifications. The Contractor may not change or modify the City’s change order form in an attempt to reserve additional rights.

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- 13) If the City disagrees with the proposal submitted by Contractor, it will notify the Contractor and the City will provide its opinion of the appropriate price and/or time extension. If the Contractor agrees with the City, a change order will be issued by the City. If no agreement can be reached, the City shall have the right to issue a unilateral change order setting forth its determination of the reasonable additions or savings in costs and time attributable to the extra or deleted work. Such determination shall become final and binding if the Contractor fails to submit a claim in writing to the City within fifteen (15) Days of the issuance of the unilateral change order, disputing the terms of the unilateral change order.
- 14) No dispute, disagreement or failure of the parties to reach agreement on the terms of the change order shall relieve the Contractor from the obligation to proceed with performance of the work, including extra work, promptly and expeditiously.
- 15) Any alterations, extensions of time, extra work or any other changes may be made without securing consent of the Contractor's surety or sureties.

GC49. OCCUPANCY

The City reserves the right to occupy or utilize any portion of The Work at any time before completion, and such occupancy or use shall not constitute Acceptance of any part of Work covered by this Contract. This use shall not relieve the Contractor of its responsibilities under the Contract.

GC50. INDEMNIFICATION

Contractor shall defend (with counsel of City's choosing), indemnify and hold the City, its officials, officers, agents, employees, and representatives free and harmless from any and all claims, demands, causes of action, costs, expenses, liabilities, losses, damages or injuries, in law or equity, regardless of whether the allegations are false, fraudulent, or groundless, to property or persons, including wrongful death, to the extent arising out of or incident to any acts, omissions or willful misconduct of Contractor, its officials, officers, employees, agents, consultants and contractors arising out of or in connection with the performance of the Work or this Contract, including claims made by subcontractors for nonpayment, including without limitation the payment of all consequential damages and attorney's fees and other related costs and expenses. Contractor shall defend, at Contractor's own cost, expense and risk, with counsel of City's choosing, any and all such aforesaid suits, actions or other legal proceedings of every kind that may be brought or instituted against City, its officials, officers, agents, employees and representatives. To the extent of its liability, Contractor shall pay and satisfy any judgment, award or decree that may be rendered against City, its officials, officers, employees, agents, employees and representatives, in any such suit, action or other legal proceeding. Contractor shall reimburse City, its officials, officers, agents, employees and representatives for any and all legal expenses and costs incurred by each of them in connection therewith or in enforcing the indemnity herein provided. The only limitations on this provision shall be those imposed by Civil Code Section 2782.

GC51. RECORD (“AS BUILT”) DRAWINGS

- a. Contractor shall prepare and maintain a complete set of record drawings (herein referred to as “as-builts”) and shall require each trade to prepare its own as-builts. The as-builts must show the entire site for each major trade, including but not limited to water, sewer, electrical, data, telephone, cable, fire alarm, gas and plumbing. Contractor shall mark the as-builts to show the actual installation where the installation varies from the Work as originally shown. Contractor shall mark whichever drawings are most capable of showing conditions fully and where shop drawings are used, Contractor must record a cross-reference at the corresponding location on the contract drawings. Contractor shall give particular attention to concealed elements that would be difficult to measure and record at a later date. Contractor shall use colors to distinguish variations in separate categories of The Work.
- b. Contractor shall note related change order numbers where applicable. Contractor shall organize as-builts into manageable sets, bound with durable paper cover sheets and shall print suitable title, dates and other identification on the cover of each set. Contractor to also provide an electronic version of the as-builts. The suitability of the as-builts will be determined by the Engineer.

GC52. RESOLUTION OF CONSTRUCTION CLAIMS

- a. In accordance with Public Contract Code Sections 20104 *et seq.* and other applicable law, public works claims of \$375,000 or less which arise between the Contractor and the City shall be resolved under the following the statutory procedure unless the City has elected to resolve the dispute pursuant to Public Contract Code Section 10240 *et seq.*
- b. **All Claims:** All claims shall be submitted in writing and accompanied by substantiating documentation. Claims must be filed on or before the date of final payment unless other notice requirements are provided in the contract. "Claim" means a separate demand by the claimant for (1) a time extension, (2) payment of money or damages arising from work done by or on behalf of the claimant and payment of which is not otherwise expressly provided for or the claimant is not otherwise entitled, or (3) an amount the payment of which is disputed by the City.
- c. **Claims Under \$50,000.** The City shall respond in writing to the claim within 45 days of receipt of the claim, or, the City may request, in writing, within 30 days of receipt of the claim, any additional documentation supporting the claim or relating to defenses or claims the City may have. If additional information is needed thereafter, it shall be provided upon mutual agreement of the City and the claimant. The City's written response shall be submitted 15 days after receiving the additional documentation, or within the same period of time taken by the claimant to produce the additional information, whichever is greater.
- d. **Claims over \$50,000 but less than or equal to \$375,000.** The City shall respond in writing within 60 days of receipt, or, may request in writing within 30 days of receipt of the claim, any additional documents supporting the claim or relating to defenses or claims the City may have against the claimant. If additional information is needed thereafter, it

shall be provided pursuant to mutual agreement between the City and the claimant. The City's response shall be submitted within 30 days after receipt of the further documents, or within the same period of time taken by the claimant to produce the additional information or documents, whichever is greater. The Contractor shall make these records and documents available at all reasonable times, without any direct charge.

- e. The Contractor will submit the claim justification in the following format:
 - 1) Summary of claim merit and price, and Contract clause pursuant to which the claim is made.
 - 2) List of documents relating to claim
 - (a) Specifications
 - (b) Drawings
 - (c) Clarifications (Requests for Information)
 - (d) Schedules
 - (e) Other
 - 3) Chronology of events and correspondence
 - 4) Analysis of claim merit
 - 5) Analysis of claim cost
 - 6) Analysis of time impact analysis in CPM format
 - 7) Cover letter and certification of validity of the claim
- f. If the claimant disputes the City's response, or if the City fails to respond within the statutory time period(s), the claimant may so notify the City within 15 days of the receipt of the response or the failure to respond, and demand an informal conference to meet and confer for settlement. Upon such demand, the City shall schedule a meet and confer conference within 30 Days.
- g. If following the meet and confer conference, the claim or any portion thereof remains in dispute, the claimant may file a claim pursuant to Government Code 900 et seq. and Government Code 910 et seq. For purposes of those provisions, the time within which a claim must be filed shall be tolled from the time the claimant submits the written claim until the time the claim is denied, including any time utilized for the meet and confer conference.
- h. Submission of a claim, properly certified, with all required supporting documentation, and written rejection or denial of all or part of the claim by City, is a condition precedent to any

action, proceeding, litigation, suit, general conditions claim, or demand for arbitration by Contractor.

GC53. CITY'S RIGHT TO TERMINATE CONTRACT

- a. **Termination for Cause:** The City may, without prejudice to any other right or remedy, serve written notice upon Contractor of its intention to terminate this Contract if the Contractor: (i) refuses or fails to prosecute The Work or any part thereof with such diligence as will ensure its completion within the time required; (ii) fails to complete The Work within the required time; (iii) should file a bankruptcy petition or be adjudged a bankrupt; (iv) should make a general assignment for the benefit of its creditors; (v) should have a receiver appointed; (vi) should persistently or repeatedly refuse or fail to supply enough properly skilled workers or proper materials to complete the work; (vii) should fail to make prompt payment to subcontractors or for material or labor; (viii) persistently disregard laws, ordinances, other requirements or instructions of the City; or (ix) should violate any of the provisions of the Contract Documents.

The notice of intent to terminate shall contain the reasons for such intention to terminate. Unless within ten (10) Days after the service of such notice, such condition shall cease or satisfactory arrangements (acceptable to the City) for the required correction are made, this Contract shall be terminated. In such case, Contractor shall not be entitled to receive any further payment until the Project has been finished. The City may take over and complete The Work by any method it may deem appropriate. Contractor and its surety shall be liable to the City for any excess costs or other damages incurred by the City to complete the Project. If the City takes over The Work, the City may, without liability for so doing, take possession of and utilize in completing The Work such materials, appliances, plant, and other property belonging to the Contractor as may be on the Project site.

- b. **Termination For Convenience:** The City may terminate performance of The Work in whole or, in part, if the City determines that a termination is in the City's interest.

The Contractor shall terminate all or any part of The Work upon delivery to the Contractor of a Notice of Termination specifying that the termination is for the convenience of the City, the extent of termination, and the effective date of such termination.

After receipt of Notice of Termination, and except as directed by the City, the Contractor shall, regardless of any delay in determining or adjusting any amounts due under this Termination for Convenience clause, immediately proceed with the following obligations:

- 1) Stop Work as specified in the Notice.
- 2) Complete any Work specified in the Notice of Termination in a least cost/shortest time manner while still maintaining the quality called for under the Contract Documents.
- 3) Leave the property upon which the Contractor was working and upon which the facility (or facilities) forming the basis of the Contract Documents is

situated in a safe and sanitary manner such that it does not pose any threat to the public health or safety.

- 4) Terminate all subcontracts to the extent that they relate to the portions of The Work terminated.
 - 5) Place no further subcontracts or orders, except as necessary to complete the remaining portion of The Work.
 - 6) Submit to the City, within ten (10) Days from the effective date of the Notice of Termination, all of the documentation called for by the Contract Documents to substantiate all costs incurred by the Contractor for labor, materials and equipment through the Effective Date of the Notice of Termination. Any documentation substantiating costs incurred by the Contractor solely as a result of the City's exercise of its right to terminate this Contract pursuant to this clause, which costs the Contractor is authorized under the Contract Documents to incur, shall: (i) be submitted to and received by the City no later than thirty (30) Days after the Effective Date of the Notice of Termination; (ii) describe the costs incurred with particularity; and (iii) be conspicuously identified as "Termination Costs Occasioned by the City's Termination for Convenience."
 - 7) These provisions are in addition to and not in limitation of any other rights or remedies available to the City.
- c. Notwithstanding any other provision of this Article, when immediate action is necessary to protect life and safety or to reduce significant exposure or liability, the City may immediately order Contractor to cease Work on the Project until such safety or liability issues are addressed to the satisfaction of the City or the Contract is terminated.

GC54. WARRANTY AND GUARANTEE

- a. Contractor warrants that all materials and equipment furnished under this Contract shall be new unless otherwise specified in the Contract Documents; and that all Work conforms to the Contract Document requirements and is free of any defect whether performed by the Contractor or any subcontractor or supplier.
- b. Unless otherwise stated, all warranty periods shall begin upon the filing of the Notice of Completion. Unless otherwise stated, the warranty period shall be for one year.
- c. The Contractor shall remedy at its expense any damage to City-owned or controlled real or personal property.
- d. Contractor shall furnish the City with all warranty and guarantee documents prior to final Acceptance of the Project by the City.
- e. The City shall notify the Contractor, in writing, within a reasonable time after the discovery of any failure, defect, or damage. The Contractor shall within ten (10) Days after being

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notified commence and perform with due diligence all necessary Work. If the Contractor fails to promptly remedy any defect, or damage; the county shall have the right to replace, repair, or otherwise remedy the defect, or damage at the Contractor's expense.

- f. In the event of any emergency constituting an immediate hazard to health, safety, property, or licensees, when caused by Work of the Contractor not in accordance with the Contract requirements, the City may undertake at Contractor's expense, and without prior notice, all Work necessary to correct such condition.
- g. With respect to all warranties, express or implied, from subcontractors, manufacturers, or suppliers for Work performed and Materials furnished under this Contract, the Contractor shall:
 - 1) Obtain for City all warranties that would be given in normal commercial practice;
 - 2) Require all warranties to be executed, in writing, for the benefit of the City; and
 - 3) Enforce all warranties for the benefit of the City, unless otherwise directed in writing by the City.

This Article shall not limit the City's rights under this Contract or with respect to latent defects, gross mistakes, or fraud. The City specifically reserves all rights related to defective work, including but not limited to the defect claims pursuant to California Code of Civil Procedure Section 337.15.

GC55. DOCUMENT RETENTION & EXAMINATION

- a. In accordance with Government Code Section 8546.7, records of both the City and the Contractor shall be subject to examination and audit by the State Auditor General for a period of three (3) years after final payment.
- b. Contractor shall make available to the City any of the Contractor's other documents related to the Project immediately upon request of the City.
- c. In addition to the State Auditor rights above, the City shall have the right to examine and audit all books, estimates, records, contracts, documents, bid documents, subcontracts, and other data of the Contractor (including computations and projections) related to negotiating, pricing, or performing the modification in order to evaluate the accuracy and completeness of the cost or pricing data at no additional cost to the City, for a period of four (4) years after final payment.

GC56. SOILS INVESTIGATIONS

When a soils investigation report for the Project site is available, such report shall not be a part of the Contract Documents. Any information obtained from such report as to subsurface soil condition, or to elevations of existing grades or elevations of underlying rock, is approximate only and is not guaranteed. Contractor acknowledges that any soils investigation report (including any borings) was prepared for purposes of design only and Contractor is required to examine the site

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before submitting its bid and must make whatever tests it deems appropriate to determine the underground condition of the soil.

GC57. SEPARATE CONTRACTS

- a. The City reserves the right to let other contracts in connection with this Work or on the Project site. Contractor shall permit other contractors reasonable access and storage of their materials and execution of their work and shall properly connect and coordinate its Work with theirs.
- b. To ensure proper execution of its subsequent Work, Contractor shall immediately inspect work already in place and shall at once report to the Engineer any problems with the work in place or discrepancies with the Contract Documents.
- c. Contractor shall ascertain to its own satisfaction the scope of the Project and nature of any other contracts that have been or may be awarded by the City in prosecution of the Project to the end that Contractor may perform this Contract in the light of such other contracts, if any. Nothing herein contained shall be interpreted as granting to Contractor exclusive occupancy at site of the Project. Contractor shall not cause any unnecessary hindrance or delay to any other contractor working on the Project. If simultaneous execution of any contract for the Project is likely to cause interference with performance of some other contract or contracts, the Engineer shall decide which Contractor shall cease Work temporarily and which contractor shall continue or whether work can be coordinated so that contractors may proceed simultaneously. The City shall not be responsible for any damages suffered or for extra costs incurred by Contractor resulting directly or indirectly from award, performance, or attempted performance of any other contract or contracts on the Project site.

GC58. NOTICE AND SERVICE THEREOF

All notices shall be in writing and either served by personal delivery or mailed to the other party as designated in the Bid Forms. Written notice to the Contractor shall be addressed to Contractor's principal place of business unless Contractor designates another address in writing for service of notice. Notice to City shall be addressed to the City as designated in the Notice Inviting Bids unless City designates another address in writing for service of notice. Notice shall be effective upon receipt or five (5) Days after being sent by first class mail, whichever is earlier. Notice given by facsimile shall not be effective unless acknowledged in writing by the receiving party.

GC59. NOTICE OF THIRD PARTY CLAIMS

Pursuant to Public Contract Code Section 9201, the City shall provide Contractor with timely notification of the receipt of any third-party claim relating to the Contract.

GC60. STATE LICENSE BOARD NOTICE.

Contractors are required by law to be licensed and regulated by the Contractors' State License Board which has jurisdiction to investigate complaints against contractors if a complaint regarding a patent act or omission is filed within four (4) years of the date of the alleged violation. A

complaint regarding a latent act or omission pertaining to structural defects must be filed within ten (10) years of the date of the alleged violation. Any questions concerning a contractor may be referred to the Registrar, Contractors' State License Board, P.O. Box 26000, Sacramento, California 95826.

GC61. INTEGRATION

- a. Oral Modifications Ineffective. No oral order, objection, direction, claim or notice by any party or person shall affect or modify any of the terms or obligations contained in the Contract Documents.
- b. Contract Documents Represent Entire Contract. The Contract Documents represent the entire agreement of the City and Contractor.

GC62. ASSIGNMENT

Contractor shall not assign, transfer, convey, sublet, or otherwise dispose of this Contract or any part thereof including any claims, without prior written consent of the City. Any assignment without the written consent of the City shall be void. Any assignment of money due or to become due under this Contract shall be subject to a prior lien for services rendered or Material supplied for performance of Work called for under the Contract Documents in favor of all persons, firms, or corporations rendering such services or supplying such Materials to the extent that claims are filed pursuant to the Civil Code, the Code of Civil Procedure or the Government Code.

GC63. CHANGE IN NAME AND NATURE OF CONTRACTOR'S LEGAL ENTITY

Should a change be contemplated in the name or nature of the Contractor's legal entity, the Contractor shall first notify the City in order that proper steps may be taken to have the change reflected on the Contract.

GC64. ASSIGNMENT OF ANTITRUST ACTIONS

Pursuant to Section 7103.5 of the Public Contract Code, in entering into a public works contract or subcontract to supply goods, services, or materials pursuant to a public works contract, Contractor or subcontractor offers and agrees to assign to the City all rights, title, and interest in and to all causes of action it may have under Section 4 of the Clayton Act (15 U.S.C. Section 15) or under the Cartwright Act (chapter 2 (commencing with Section 16700) of part 2 of division 7 of the Business and Professions Code), arising from the purchase of goods, services, or materials pursuant to this Contract or any subcontract. This assignment shall be made and become effective at the time the City makes final payment to the Contractor, without further acknowledgment by the parties.

GC65. PROHIBITED INTERESTS

No City official or representative who is authorized in such capacity and on behalf of the City to negotiate, supervise, make, accept, or approve, or to take part in negotiating, supervising, making, accepting or approving any engineering, inspection, construction or material supply contract or

any subcontract in connection with construction of the project, shall be or become directly or indirectly interested financially in the Contract.

GC66. LAWS AND REGULATIONS

- a. Contractor shall give all notices and comply with all federal, state and local laws, ordinances, rules and regulations bearing on conduct of work as indicated and specified by their terms. References to specific laws, rules or regulations in this Contract are for reference purposes only, and shall not limit or affect the applicability of provisions not specifically mentioned. If Contractor observes that drawings and specifications are at variance therewith, he shall promptly notify the Engineer in writing and any necessary changes shall be adjusted as provided for in this Contract for changes in work. If Contractor performs any work knowing it to be contrary to such laws, ordinances, rules and regulations, and without such notice to the Engineer, he shall bear all costs arising therefrom.
- b. Contractor shall be responsible for familiarity with the Americans with Disabilities Act ("ADA") (42 U.S.C. § 12101 et seq.). The Work will be performed in compliance with ADA laws, rules and regulations. Contractor shall comply with the Historic Building Code, including, but not limited to, as it relates to the ADA, whenever applicable.
- c. Contractor acknowledges and understands that, pursuant to Public Contract Code Section 20676, sellers of "mined material" must be on an approved list of sellers published pursuant to Public Resources Code Section 2717(b) in order to supply mined material for this Contract.

GC67. PATENT FEES OR ROYALTIES.

The Contractor shall include in its bid amount the patent fees or royalties on any patented article or process furnished or used in the Work. Contractor shall assume all liability and responsibility arising from the use of any patented, or allegedly patented, materials, equipment, devices or processes used in or incorporated with The Work, and shall defend, indemnify and hold harmless the City, its officials, officers, agents, employees and representatives from and against any and all liabilities, demands, claims, damages, losses, costs and expenses, of whatsoever kind or nature, arising from such use.

GC68. OWNERSHIP OF DRAWING

All Contract Documents furnished by the City are City property. They are not to be used by Contractor or any subcontractor on other work nor shall Contractor claim any right to such documents. With exception of one complete set of Contract Documents, all documents shall be returned to the City on request at completion of The Work.

GC69. NOTICE OF TAXABLE POSSESSORY INTEREST

In accordance with Revenue and Taxation Code Section 107.6, the Contract Documents may create a possessory interest subject to personal property taxation for which Contractor will be responsible.

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TP01. NOTIFICATION OF RESIDENTS AND BUSINESSES

The Contractor shall provide notice of the work, in person and with printed notification (in English and Spanish language), at least ten (10) working days prior to commencing construction activities, to all agencies, firms, institutions, postal service, residents, Transit Authorities, schools, stores, utilities and waste disposal service providers fronting or affected by the work. Additional printed notification (in English and Spanish language) shall be given not less than forty-eight (48) hours prior to performing any work which will restrict property access, close or partially close the street, or which will restrict or disallow street parking. All schools and churches shall receive seven (7) working days notification prior to performing any work which will restrict property access.

The Contractor shall coordinate with the school district for pick-up and drop-off of school children, with the transit authority for the pick-up and drop off of riders, with waste collection/disposal service providers, with the US postal service to ensure delivery of mail, and with churches for weekly or special activities.

The printed notices shall contain a general description of the work to be done and the date that the work is to be done. The notices shall also include a statement that parking will be restricted as called for on the "NO PARKING" signs to be posted along the street. All public notices must be reviewed and approved by the Resident Engineer prior to its distribution.

The Contractor shall also post printed "NO PARKING-TOW AWAY" signs at one-hundred-foot (100') maximum spacing along each side of the affected street for forty-eight (48) hours prior to the commencement of the street improvement work. The Contractor shall document the day, date and time the "NO PARKING" signs were posted. Posting of signs on trees and utility poles will not be allowed.

The signs shall contain the day, date, hours and vehicle code section reference that parking will be prohibited on that particular street, CVC 22651L and CVC 22654D. Signs that prohibit or restrict parking shall be removed immediately upon completion of work in the restricted or prohibited area.

The printed notices and the "NO PARKING" signs shall be furnished by the Contractor.

Payment: Full compensation for compliance with the preceding requirements shall be considered as being included in the various Contract items in the bid schedule and no additional compensation will be allowed therefor.

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TP02. SOUND REQUIREMENTS

Sound control shall conform to General Conditions Article 25 and the provisions in Section 3-12.2, "Noise Control," of the Standard Specifications and these special provisions.

The noise level from the Contractor's operations, between the hours of 9:00 p.m. and 6:00 a.m., shall not exceed 86 dBA at a distance of 50 feet. This requirement shall not relieve the Contractor from responsibility for complying with local ordinances regulating noise level.

The noise level requirement shall apply to the equipment on the job or related to the job, including but not limited to trucks, transit mixers or transient equipment that may or may not be owned by the Contractor. The use of loud sound signals shall be avoided in favor of light warnings except those required by safety laws for the protection of personnel.

Payment: Full compensation for conforming to the requirements of this section shall be considered as included in the prices paid for the various contract items of work involved and no additional compensation will be allowed therefore.

TP03. TRAFFIC CONTROL

Traffic controls, including but not limited to, vehicular and pedestrian traffic controls, maintenance of vehicular and pedestrian access through work areas, detours, and street closures shall be in accordance with these Technical Provisions, Special Provisions; Traffic Control Plans; California MUTCD, Part 6, Temporary Traffic Control, Caltrans adopted 2014; the current "Work Area Traffic Control Handbook"; and Subsection 7-10, of the current "Standard Specifications for Public Works Construction," including all its subsequent amendments. Nothing in the Special Provisions shall be construed as relieving the Contractor from its responsibility to provide for the safety and convenience of traffic and the public during construction.

In the event of conflict, the order of precedence shall be as follows:

1. Special Provisions
2. Traffic Control Plans
3. California Manual on Uniform Traffic Control Devices, Part 6, Temporary Traffic Control, Caltrans adopted 2014.
4. Work Area Traffic Control Handbook. (WATCH)
5. Standard Specifications

Traffic Control shall be in accordance with the following Special Provisions:

1. All streets shall remain open to through traffic at all times except when street closure is approved by the Engineer. The Contractor shall make provisions to allow local traffic access to the closed streets. The local traffic consists of, but is not limited to, residences, church congregations, farmers, post offices, meter readers, trash pickup, school buses,

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and emergency vehicles. The Contractor shall provide a smooth travel way and either a flagger and/or signing to direct traffic.

2. The Contractor shall be responsible for the preparation of Traffic Control Plans as necessary for the work. The Traffic Control Plans shall be signed and stamped by a California Registered Traffic Engineer and transmitted to the City for approval no later than fourteen (14) calendar days prior to the scheduled commencement of work. Comments and corrections shall be returned to the Contractor within five (5) working days. The Traffic Control Plans shall conform to the requirements listed in these Technical Provisions; California MUTCD Part 6, Temporary Traffic Control; the Work Area Traffic Control Handbook; and the Standard Specifications.
3. All traffic controls and safety devices, equipment and materials, including but not limited to cones, channelizers, delineators, flashing warning lights, barricades, high level warning devices (telescoping flag trees), flags, signs, markers, portable barriers, temporary railing (Type-K), temporary fencing, flashing arrow signs, changeable message sign, markings, and flagging equipment shall be provided and maintained in “like new” condition.
4. The Contractor shall furnish and properly install, construct, erect, use and continuously inspect and maintain, twenty-four (24) hours per day, seven (7) days per week, which includes holidays, all said devices, equipment and materials and all temporary and permanent pedestrian and driving surfaces as necessary to provide for the safety and convenience of, and to properly warn, guide, control, regulate, channelize and protect the vehicular traffic, pedestrian traffic, project workers, and the public throughout the entire limits of the work activity and beyond said limits as necessary to include areas affecting or affected by the work, from the date of Notice to Proceed to the completion and acceptance of the work.
5. High-level warning devices (telescoping flag trees) are required at all times for work being performed within the roadway unless otherwise specifically approved by the Engineer.
6. All barricades shall be equipped with flashing warning lights, and all traffic cones shall be no less than 711mm (28”) in height, except that shorter cones, 305 mm (12”) minimum height, may be permitted during striping maintenance operations where the only function of the cone is to protect the wet paint from the traffic.
7. The entire area of orange and white stripes for barricades shall be Type I, engineering grade, or Type II, super engineering grade, retro-reflective sheeting conforming to the requirements of ASTM Designation: D 4956-95.
8. Type III barricades, no less than 1.83 m (6’) in length and equipped with two (2) Type “N” markers each and two (2) portable flashing beacons each, shall be used to close streets, except as otherwise specifically approved by the Engineer for minor maintenance work of no more than one (1) working day’s duration, on weekdays, or on holidays only,

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and limited to the hours between 8:30 a.m. and 3:30 p.m. Said barricades shall be placed across the full roadway at each point of closure with the distance between barricades, or between barricades and curbs, not exceeding 3' except that one (1) 11' wide gap between barricades shall be provided at the center of the street. Barricades to the right of the street's center, facing the inbound vehicular traffic, shall also be equipped with one (1) R11-2, "Road Closed" sign, one (1) R11-4, "Road Closed to Thru Traffic," sign, and a Type P warning sign.

9. Channelizers shall be surface mounted type and shall be furnished, placed and maintained at the locations shown on the Plans or as approved by the Engineer, and shall conform to the provisions in Subsection 12-3.07, "Channelizers," of the State of California Standard Specifications and these Special Provisions.
10. When no longer required for the work as determined by the Engineer, channelizers (except channelizers to be left in place), and underlying adhesive used to cement the channelizer bases to the pavement, shall be removed. Removed channelizers and adhesive shall become the property of the Contractor and shall be removed from the site of work.
11. Reflectorized (both sides) temporary self-adhesive markers, 100mm (4in) wide, shall be applied to unstriped pavement surface before opening the travel way to public traffic. Reflectorized temporary yellow markers shall be used for to delineate the centerline to separate opposing traffic. Reflectorized temporary white markers shall be used to delineate lanes of travel and placed in 600mm (24in) intervals transverse to the road to delineate stop bars and limit lines.
12. The reflectorized temporary markers shall be removed the same day the first coat of striping has been placed on the pavement. The removal of the markers shall be done such a way that the pavement is not damaged.
13. Except as otherwise approved by the Engineer, two-way vehicular traffic shall be maintained at all times within two (2) 11' wide lanes on streets having an effective roadway width of 44' or more with restricted parking. Other streets of lesser widths may be reduced to one (1) 12' wide lane with work activity being limited to one side at a time, and the one-way vehicular traffic being maintained at all times by properly trained and experienced flaggers. All lane closures shall have flashing arrow signs to provide additional, high level, advanced warning.
14. No reduction of the traveled way width shall be permitted on any City street before 9:00 a.m. or after 3:30 p.m., on weekends or holidays, or when active work is not being done, unless otherwise approved by the Engineer.
15. Properly trained and experienced flaggers shall be provided to direct traffic when said traffic is to be interrupted, when two-way traffic is to be reduced to one-way traffic, and at other such times as is necessary to safely pass traffic through or around the work area and when so directed by the Engineer.

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16. Vehicular access to occupied residential property may be restricted on weekdays, other than holidays, between the hours of 8:30 a.m. and 3:30 p.m. while essential work activity is taking place only upon approval by the Engineer and providing the Contractor gives the property owner or resident at least forty-eight (48) hour advance written and oral notice.
17. Convenient and safe pedestrian access to schools, churches, occupied residential and business property shall be maintained at all times. Access to mailboxes shall be maintained at all times such that the postal delivery service is not interrupted. Trash pick-up services shall not be interrupted. Access to vacant and unused property may be restricted when approved by the Engineer. Both vehicular and pedestrian access shall be maintained at all times to all other property except as otherwise specifically authorized in writing by the Engineer.
18. Vehicular access to business, school and church driveways shall be maintained at all times during construction.
19. Traffic control and safety devices and equipment being used that becomes damaged, destroyed, faded, graffitied, encrusted, soiled, misplaced, worn out, inoperative, lost, or stolen shall be promptly repaired, refurbished, or replaced. Traffic control and safety devices and equipment being used, that are displaced or not in an upright position from any cause, shall be promptly returned or restored to their proper position.
20. An unobstructed view of all signs and warning devices including, but not limited to, stop signs, stop ahead signs, street name signs, and other regulatory, warning and construction signs, markers, and warning devices shall be maintained at all times. All speed limit signs shall be black on white with signs at either end of the project notifying the motoring public that fines are doubled in construction zones. No trucks or other equipment or materials shall be stopped, parked, or otherwise placed so as to obscure said signs, markers and devices from the view of the vehicular and pedestrian traffic to which it applies.
21. When entering or leaving roadways carrying public traffic, the Contractor's equipment, whether empty or loaded, shall yield to said public traffic at all times, except where the traffic is being controlled by police officers, fire officers, properly trained and experienced flaggers, or at traffic signalized intersections.
22. Stockpiling or storage of materials on any public right-of-way or parking area will not be allowed without the specific written permission of the Engineer. Materials spilled along or on said right-of-way or parking area shall be removed completely and promptly. All stockpile and storage areas shall be maintained in a safe, neat, clean, and orderly condition, and shall be restored to equal or better than original condition upon completion of the work.

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23. On projects involving work on, closure of, or partial closure of existing streets, and where vehicular access to the abutting property must be restricted, the work shall be so selected, arranged and scheduled that the person(s) requiring access to said abutting property and residents along said streets affected will be able to park within a reasonable distance of not more than 500' from their homes or destination. In addition, no two adjoining streets shall be closed at the same time, except as otherwise approved by the Engineer. Residents must be given written notice of such restrictions a minimum of 48 hours in advance.
24. When work has been completed on a particular street or has been suspended or rescheduled, and said street is to be opened to vehicular traffic, all equipment, "NO PARKING" signs, other obstructions, and unnecessary traffic control devices and equipment shall be promptly removed from that street, except as otherwise approved by the Engineer.
25. Should the Contractor be neglectful, negligent, or refuse, fail, or otherwise be unavailable to promptly, satisfactorily, and fully comply with the provisions specified and referred to herein above, the City reserves the right to correct or mitigate any situation, that in the sole opinion of the Engineer, constitutes a serious deficiency or serious case of noncompliance, by any means at its disposal at the Contractor's or permittee's expense, and shall deduct the cost therefore from the Contractor's progress or final payments. Such corrective action taken by the City shall not reduce or abrogate the Contractor's legal obligations and liability for proper traffic control and safety measures and shall not serve to transfer said obligations and liabilities from the Contractor to the City or the City's agents.
26. Streets determined to be major thoroughfares by the Engineer shall undergo construction in stages, or as approved by the field inspector, to allow at least one 10 ft. wide traffic lane for each direction of travel at all times. The Engineer will approve street closures for construction, as necessary, based on the approved construction schedule.
27. Violations of any of the above Provisions or provisions of the referenced publications, unless promptly and completely corrected to the satisfaction of the Engineer, shall, at the sole discretion of the City, be grounds for termination of the Contract, or shut down or partial shutdown of the work, without compensation to the Contractor or permittee, or liability to the City, all as prescribed by contractual obligation or State law, whichever is applicable.

EXCEPTION: Contractor may not work on a street that is in front of a school between the hours of 7:00 AM and 3:30 PM. Monday through Friday unless written authorization is given by the City Engineer. All streets abutting a school ground can only be worked on during weekends.

Payment: Full compensation for conforming to the requirements of this section shall be considered as included in the prices paid for the various contract items of work involved and no additional compensation will be allowed therefore.

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TP04. WATER POLLUTION CONTROL

Throughout the term of this contract, the total soil disturbance area of the project site shall be less than 1 acre. The Contractor shall comply with the Area-Wide Municipal Stormwater Permit NPDES No. CAS 618033, hereafter referred to in this section as the “Municipal Permit”, issued by the California Regional Water Quality Control Board (CRWQCB) – Santa Ana Region. This Permit regulates both stormwater and non-stormwater discharges associated with Contractor’s construction activities. A copy of the Permit may be obtained on the internet at: <http://www.waterboards.ca.gov/santaana/>

The Contractor shall comply with the requirements of the Municipal Permit, and all other applicable federal, state and local laws, ordinances, statutes, rules, and regulations concerning water pollution control.

The WPCP shall include Fact Sheets for all selected project BMPs.

Contractor’s Water Pollution Control Program (WPCP) shall be prepared by a Qualified SWPPP Developer in accordance with Section 3, “Preparing a Water Pollution Control Program (WPCP)”, of the Caltrans Stormwater Pollution Prevention Plan (SWPPP) and Water Pollution Control Program (WPCP) Preparation Manual (June 2011), which is available as a free download from: <http://www.dot.ca.gov/hq/construc/stormwater/manuals.htm>

WATER POLLUTION CONTROL MEASURES

- A. Work having the potential to cause water pollution shall not commence until the Contractor’s WPCP has been reviewed and approved by the Engineer. The Engineer’s review and approval of the Contractor’s WPCP shall not waive any contractual requirements and shall not relieve the Contractor from achieving and maintaining compliance with all federal, state, and local laws, ordinances, statutes, rules, and regulations. A copy of Contractor’s WPCP shall be maintained onsite. When the WPCP or access to the construction site is requested by a representative of a federal, state, or local regulatory agency, Contractor shall make the WPCP available and Contractor shall immediately contact the Engineer. Requests from the public for the Contractor’s WPCP shall be directed to the Engineer.

- B. Contractor’s WPCP shall describe the Contractor’s plan for managing runoff during each construction phase. Contractor’s WPCP shall describe the Best Management Practices (BMPs) that will be implemented to control erosion, sediment, tracking, construction materials, construction wastes, and non-stormwater flows. BMP details shall be based upon California Stormwater Quality Association’s (CASQA) California Stormwater Quality BMP Handbook Subscription Portal (<http://www.cabmphandbooks.com>) or the Caltrans Construction Site BMP Manual <https://dot.ca.gov/programs/construction/storm-water-and-water-pollution-control/manuals-and-handbooks>
Contractor’s WPCP shall describe installation, operation, inspection, maintenance, and monitoring activities that will be implemented for compliance with the Municipal Permit and

TECHNICAL PROVISIONS

all applicable federal, state, and local laws, ordinances, statutes, rules, and regulations related to the protection of water quality.

- C. The Contractor's WPCP preparer shall have been trained to prepare WPCPs or SWPPPs and shall have previous experience with preparing SWPPP or WPCP requirements on a previous project.

The Contractor shall designate a Water Pollution Control Manager that shall have been trained to implement WPCP or SWPPP requirements. Contractor's Water Pollution Control Manager shall:

1. Be responsible for all water pollution control work.
2. Be the Engineer's primary contact for all water pollution control work.
3. Have the authority to mobilize resources (crews, supplies, equipment, etc.) to make immediate repairs of water pollution control measures or to supplement water pollution control measures to maintain compliance with all federal, state, and local laws, ordinances, and regulations related to the protection of water quality, including the Municipal Permit.

The WPCP shall contain all required and applicable certifications and evidence of training for the Water Pollution Control Manager, WPCP Developer, and all other employees working on the project receiving formal training or certification.

- D. Water Pollution Control Training: Contractor shall provide water pollution control training to Contractor's employees and subcontractors prior to their performing work on the work site. The water pollution control training shall be appropriate to the employee or subcontractor function and area of responsibility and shall address (as applicable):

1. Erosion Control (water and wind)
2. Sediment Control
3. Tracking Control
4. Materials & Waste Management
5. Non-Stormwater Discharge Management
6. Run-on and Run-off Control

- E. Monitoring and Reporting: Observations and inspections conducted by the Contractor's Water Pollution Control Manager shall be documented on the Construction Site Inspection Checklist included in Contractor's WPCP. A copy of each completed Construction Site Inspection Checklist shall be submitted to the Engineer within 24 hours of conducting the inspection

General Requirements:

In the event the City incurs any Administrative Civil Liability (fine) imposed by the CRWQCB – Santa Ana Region, the State Water Resources Control Board, or EPA, as a result of Contractor's failure to fully implement the provisions of "Stormwater and Non-Stormwater Pollution Control", the Engineer, may, in the exercise of his sole judgment and discretion, withhold from payments otherwise due Contractor a sufficient amount to cover the Administrative Civil Liability including City staff time, legal counsel, consultant support costs and all other associated cost.

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The Contractor shall be responsible for all costs and for any liability imposed by law as a result of the Contractor's failure to comply with the requirements set forth in "Water Pollution Control", including but not limited to, compliance with the applicable provisions of the Caltrans Handbooks, Municipal Permit, Federal, State, and local regulations. For the purpose of this paragraph, costs and liabilities include, but not limited to, fines, penalties, damages, and costs associated with defending against enforcement actions whether taken against the City or the Contractor, including those levied under the Federal Clean Water Act and the State Porter-Cologne Water Quality Act.

Within fifteen (15) working days after the award of the contract, the Contractor shall submit two (2) copies and one pdf file of the WPCP to the Engineer for review and approval. The Contractor shall allow ten (10) working days for the Engineer to review the WPCP. If revisions are required as determined by the Engineer, the Contractor shall revise and resubmit the WPCP within three (3) working days of receipt of the Engineer's comments and shall allow ten (10) working days for the Engineer to review the revisions. The Contractor shall submit four (4) copies of the approved WPCP and one pdf. file to the Engineer prior to notice to proceed. The Contractor must have an approved WPCP prior to the notice to proceed.

Unless otherwise directed by the Engineer or specified in these Special Provisions, the Contractor's responsibility for WPCP implementation shall continue throughout any temporary suspension of work.

The Engineer may withhold progress payments or order the suspension of construction operations without an extension of the contract time, if the Contractor fails to comply with the requirements of "Water Pollution Control" as determined by the Engineer.

All BMP repairs shall be implemented by the Contractor within 72 hrs of notification by engineer.

Payment: Full compensation for conforming to the requirements of this section shall be considered as included in the prices paid for the various contract items of work involved and no additional compensation will be allowed therefore.

TP05. MOBILIZATION

Mobilization shall conform to General Conditions, Article 45 and the following:

Mobilization shall consist of preparatory work and operations, including, but not limited to those necessary for the movement of personnel, equipment, supplies and incidentals to the project site and for all other work and operations which must be performed or costs incurred prior to beginning work on the various contract items on the project site.

De-mobilization shall consist of the completion of all final construction and administrative work required to secure the project for termination and acceptance by the Engineer, including, but not limited to the following:

TECHNICAL PROVISIONS

1. Satisfactory completion of Finishing Roadway;
2. Removal of all temporary facilities, construction office, temporary utilities, temporary BMPs, plant, equipment, surplus material, construction debris and similar from project limits and adjacent property, as required and as directed by the Engineer;
3. Restoration of all temporary roads and haul routes and construction storage and office areas, etc. to original or better condition;
4. Completion of record of drawings (as-built), to the satisfaction of the Engineer;
5. Submission of final certified payroll documents to the Engineer;
6. Completion of the requirements of permits issued by other agencies;
7. Satisfactory completion of all other contractually and legally required construction and administrative items of work.

Payment: Full compensation for conforming to the requirements of this section shall be considered as included in the prices paid for the various contract items of work involved and no additional compensation will be allowed therefore.

TP06. TEMPORARY CONSTRUCTION SIGN

The Contractor shall install a temporary construction sign at the project limits, as approved by the Engineer.

Project signs shall conform to the following requirements:

- Outside sign dimensions shall be 4' x 8'; material shall be 3/4" marine grade plywood substrate painted white both sides and edges, or approved equal, with 1" wide black border
- Printing shall be black, except city logo, using latex or eco solvent UV inhibited ink
- City will provide "initial proof" layout in digital format. Contractor shall provide "final proof" layout for Public Works approval.
- Contractor shall provide photo of actual sign to city for approval prior to installation
- Contractor shall install signs at project site at locations approved by engineer
- Sign shall be securely mounted on 2 - 4"x4" wood posts set 5'(min) into stable earth. Sign shall be 18" (min) clear of vehicular and pedestrian travel ways. Bottom of sign shall be 7' (min) above finished grade.
- Contractor shall be responsible to maintain sign in good condition, graffiti free, for the duration of the project and at the completion of the project shall remove the sign and posts, restore area to pre-existing condition, and deliver sign to the Public Works Department.

Payment: Full compensation for project signs shall be made at the contract amount for each sign, and shall include full compensation for, but not limited to, furnishing all labor, materials, tools, equipment, and incidentals, for doing all work involved and no additional compensation will be allowed therefor.

TP07. CONSTRUCTION SURVEY AND MONUMENT PRESERVATION

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Construction Survey, Staking and Monument Preservation includes qualified personnel, equipment, and supplies required for, but not limited to Project control, grading, paving, tie out of all centerline monuments, replacement of disturbed monuments, and additional items included in the contract documents.

The Contractor shall employ engineers or surveyors to perform adequate surveys and staking necessary to construct the work to the proper lines and grades. Reconstructed asphalt concrete surfaces shall have a cross slope between 1.5% and 3.5%. New curb & gutter shall have a minimum slope of 0.5%. Grade breaks must be spaced a minimum 25' apart and be no greater than 0.25%. Copies of the field notes, cut sheets or diagrams used in setting stakes shall be promptly furnished to the Engineer.

The contractor will be responsible to provide pre and post-construction corner records for the City to file with Riverside County.

Payment: Full compensation for conforming to the requirements of this section shall be considered as included in the prices paid for the various contract items of work involved and no additional compensation will be allowed therefore.

TP08. CONSTRUCTION WATER

The Contractor shall obtain construction water from Beaumont Cherry Valley Water District. Temporary construction water meters are available from the District. These meters will require the Developer/Contractor make application at the District offices and pay all the required deposits/fees.

Payment: Full compensation for conforming to the requirements of this section shall be considered as included in the prices paid for the various contract items of work involved and no additional compensation will be allowed therefore.

TP09. PAVEMENT PREPARATION FOR ALL WORK

Work shall consist of preparing the existing bituminous pavement to receive any of the designated treatments and shall include, but not be limited to, weed killing, pothole repair and surface preparation as required in the Standard Specifications and these Special Provisions. The existing AC pavement exposed after cold milling shall be evaluated by Engineer and Contractor to determine extent of crack sealing and pothole repair.

Weed Killing:

Work shall consist of killing and removing weeds and other organic materials from the existing cracks, joints and random cracks in bituminous surfaces and the adjacent curbs and gutters.

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Contractor shall spray all weeds in cracks, crevices and potholes with Monsanto brand Roundup (or approved equal) in accordance with the manufacturer's instructions a minimum of fourteen (14) calendar days prior to crack sealing work. All weeds shall be re-sprayed if rain occurs within 48 hours after application. The herbicide mixture shall contain Blazon, or approved equal, a purple dye to easily confirm the herbicide has been applied. The Contractor shall remove any and all weeds that are growing through cracks from the project street located and growing within the pavement, between the concrete gutter and the pavement and in the curb and gutter to the back of curb. The contractor shall take additional care when spraying adjacent to landscape areas to assure that no overspray occurs behind the curb.

Payment for weed killing/herbicide application and weeds removal shall be included in the price paid for other items of work and shall include full compensation for all labor, tools, materials, equipment, disposal of loose materials and incidentals for doing work involved and no separate or additional compensation will be allowed therefor.

Crack Sealing:

Refer to separate item for crack sealing.

Pothole Repair:

Work shall consist of cleaning and permanently repairing existing potholes in bituminous pavement beneath the areas receiving any surface treatment. For mill areas, potholes shall be assessed after milling operations. Voids in the surface of existing bituminous pavement greater than 1 inch and extending deeper than 1 inch shall be filled prior to receiving pavement treatment. Prior to Contractor placing surfacing materials Contractor shall fill or repair all potholes.

Pothole is the replacement of lost bituminous material only. Repairs shall be made where potholes are existing.

Potholes with no dimension larger than 16 inches in any direction or more than 4 inches deep may be repaired by replacing lost material with AC (HMA), D1-PG64-10 per 203-6.4 and placing such material per section 302-5 all of the Standard Specifications, except AC may be manually deposited, distributed and spread. Alternatively lost material may be replaced with "Perma-Patch", or approved equal, repair material as supplied by Perma-Patch, Inc. 6123 Oakleaf Ave Baltimore, MD 21215 and placed per manufacturer's directions. All pothole edges shall be cleaned back to sound bituminous material and pothole cleaned thoroughly as described above for crack sealing. Replaced material shall be compacted to a uniform smoothness and 95% density, level with surrounding pavement, per section 302-5.6 of the Standard Specifications by use of self-propelled roller or vibratory plate compactor.

Payment for repairing potholes in this manner shall be included in the price paid for other items of work and shall include full compensation for furnishing all labor, traffic control, materials, tools, and equipment, and incidentals for, cleaning and routing cracks, disposal of loose materials, no separate or additional compensation will be allowed therefor.

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Removal of Existing Pavement Striping, Markings and Legends and Raised Pavement Markers:

Contractor shall remove all existing thermoplastic and painted pavement striping, markings and legends and raised pavement markers to a clean surface level with the adjacent pavement prior to construction of an AC overlay.

Payment for such removal shall be included in the price paid for other items of work and shall be full compensation for, but not limited to, furnishing all labor, materials, tools, equipment, and incidentals, for doing all work involved and no separate or additional compensation will be allowed therefor.

TP10. ROUT AND SEAL CRACKS

All cracks shall be filled with a rubberized asphalt material that has a minimum softening point temperature of 200° Fahrenheit and a safe heating temperature of 380° Fahrenheit, or as otherwise directed by the Engineer.

1. For cracks in size of 1/8 inch to 3/8 inch in width, the crack shall be widened using a router to form a sealant reservoir which is a minimum of 1/2 inch wide and 3/4 inch to 1 inch deep. The routed crack shall then be cleaned with hot compressed air to remove all dust and free moisture, and then sealed to service level. Pavement surfaces receiving the Chip seal will not require crack sealing for the crack size specified of 1/8 inch to 3/8 inch wide.
2. Cracks that are more than 3/8 inch but less than 3/4 shall be cleaned for the entire crack depth using sandblasting, brushing and hot air blowing techniques, as required to provide a crack free from all debris, dust, loose material and moisture. Gauging or plowing may be required to remove incompressible deep in the crack. The clean crack shall be filled with sealant, from the bottom up to surface level, in a manner which does not result in sealant bridging or entrapped air pockets. With deep cracks, settlement of sealant may occur, thus requiring application of a second layer of sealant material. For cracks with depressed surfaces on each side of the crack shall be over filled beyond level with pavement surface and then squeezed to fill in depressed area. No more than a 2" wide and 1/16" thick strip of material may be applied to the pavement surface. The crack seal for the specified width of 3/8 inch to 3/4 inch shall apply to all pavement surfaces
3. Cracks wider than 3/4 inch and potholes shall be cleaned using sandblasting or other cleaning technique approved by the Engineer. The cracks and/or potholes shall then be filled with pea-gravel size hot mix asphalt concrete as directed by the Engineer. Filling cracks and potholes shall apply to all pavement surfaces
4. No slurry or ARAM material shall be placed until after the crack seal and/or fill material has been in place for a minimum of five (5) calendar days.
5. Where cracks form a raised lip, ripple, or ridge the crack shall be routed or milled to remove the raised portion.
6. For mill areas, the crack seal shall be performed after the milling and prior to the placement of an ac overlay.

TECHNICAL PROVISIONS

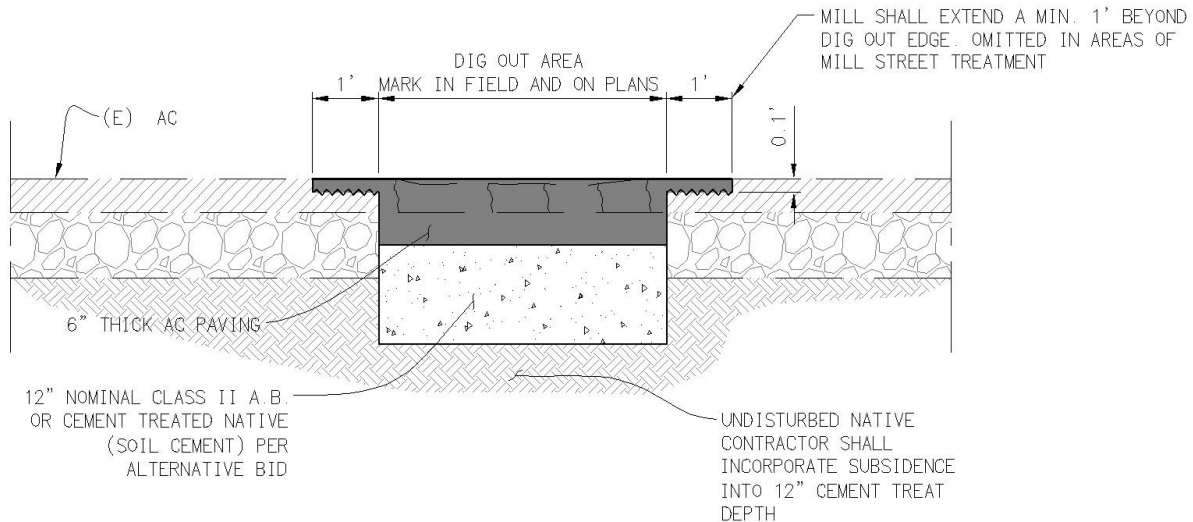
Payment: Full compensation for crack treatment will be paid per lump sum and shall include full compensation for all the work performed including crack cleaning, crack filling, as specified in the these technical Provisions, and as directed by the Engineer and no additional compensation will be allowed therefor.

TP11. DIG OUTS

The inspector and Engineer are to field verify each asphalt dig out location. All asphalt dig-out areas are to be field marked by the inspector and approved by the engineer.

Upon identification of the dig out locations, the contractor shall be responsible for;

1. grinding or full depth saw cutting and excavating the existing pavement/base/subgrade to a minimum of eighteen inches (18") below the treatment method surface. No additional compensation will be made for excavation beyond the 18".
2. Cold milling all edges of digout area a minimum of 12" beyond edge a depth of 0.1'.
3. Placement of 12" of crushed aggregate base per section 200-2.2.2 of the Greenbook placed per section 301-2 of the Greenbook. The contractor shall notify the inspector for any areas unable to meet compaction requirements.
4. Placement of 6" of asphaltic concrete per Hot Mix Asphalt technical provision. If the area will receive an overlay, the minimum thickness shall not include the overlay thickness. Sides at all patching locations shall be tack-coated immediately prior to placement of asphalt concrete.



DIGOUT DETAIL
NOT TO SCALE

Payment: Full compensation for fixing pavement failures in this manner shall be made at the contract unit price paid per square foot for dig outs, and shall include full compensation for, but not limited to, furnishing all labor, materials, tools, equipment, and incidentals, for doing all work involved.

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TP12. ASPHALT RUBBER AND AGGREGATE MEMBRANE (ARAM)

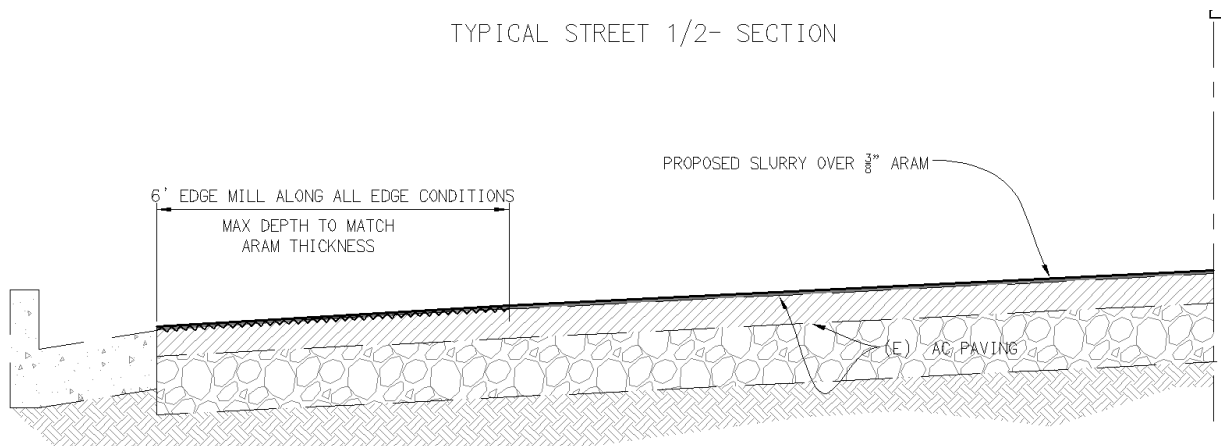
~~ARAM shall be in conformance with section 302-11 “Asphalt Rubber and Aggregate Membrane”, section 203-12 “Asphalt Rubber and Aggregate Membrane (ARAM), and section 302-10 “Asphalt Rubber and Aggregate Membrane (ARAM)”, and all subsequent sections of the Standard Specifications.~~

Cul-de-sacs, up to the beginning of the curb radius, stop points and other areas as designated, shall have a modified asphalt rubber binder applied pursuant to the application rates set forth in these specifications, modified with a polyethylene polymer additive added to the asphalt rubber binder between 2 percent and 4 percent by weight of the asphalt rubber binder.

The modified asphalt rubber binder shall have a Performance Grade (PG) rating of between 88 and 94. The modified asphalt rubber binder specified above is subject to the provisions of United States Patent No. 9,828,505 B2.

Pavement heaters shall be utilized after cover aggregate application and before rolling on all surfacing receiving the modified asphalt rubber binder to ensure complete embedment and adhesion of the cover aggregate to the modified asphalt rubber binder. In no event, shall the surface temperature of the cover aggregate and modified asphalt rubber binder be heated to above 275°F. ←

Type 2 slurry seal shall be applied to ARAM a minimum of five days after initial placement of ARAM. Final sweeping of ARAM shall occur prior to slurry.



ARAM DETAIL

NOT TO SCALE

Payment: Full compensation for ARAM shall be made at the contract unit price paid per square foot and shall include full compensation for furnishing all labor, materials, tools, and equipment, and for doing all the work involved, complete in place, and no additional compensation will be allowed therefor.

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Compensation for slurry seal shall be made per separate slurry seal bid item.

TP13. SLURRY SEAL

Slurry seal shall be performed in accordance with sections 203-5 and 302-4 “Emulsion-Aggregate Slurry,” of the Standard Specifications and the following provisions:

Slurry over ARAM shall be applied at the application rate of 15lbs/yd² minimum and 18lbs/yd² maximum.

Materials:

Emulsion aggregate slurry shall be Type II. Emulsified asphalt shall be CQS-1h.

Subsection 203-5.4.2, “Materials” of the Standard Specifications is modified as follows -

- (2) Admixtures, such as Portland Cement or aluminum sulfate may be mixed into the slurry material to adjust the curing time such that the applied slurry can support vehicular traffic within 2 hours.
- (5) Use of slag shall not be permitted.
- (6) Deliveries of aggregate and emulsion shall not be made without the Engineer present.

Modify the first paragraph of Subsection 203-5.2, “Mix Design,” of the Standard Specifications to include the following:

The Contractor shall provide materials for verification of the Mix Design. Periodically throughout the project, at the direction of the City Engineer, the City’s Consultant will perform further testing as necessary to provide assurance of the Mix Design. The cost of the initial Mix Design testing and periodical testing will be borne by the City.

If the Contractor changes sources of material, i.e. aggregate and/or oil, a new Mix Design shall be resubmitted. The cost of all Mix Design retest and testing as a result of changes to the Mix Design shall be borne by the Contractor, and the amount due to the City for said retesting will be deducted from the Contractor’s Progress Payments.

Prior to a change of emulsion, the Contractor shall thoroughly clean all emulsion tanks and mixing units to prevent any chemical reaction between the two emulsions.

The latex additive shall be Ultra Pave 65 K (for cationic) or an approved equal. The latex shall be added at the emulsion plant after weighing the asphalt and before the addition of mixing water. The latex shall be added at a rate of two and a half (2.5) parts to one-hundred (100) parts of emulsion by volume (or 2.5%).

Stockpile:

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Prior to the beginning of slurry operations, the Contractor shall furnish, at no cost to the City, current licensed weigh master's certificates indicating the net weight capacity of the aggregate bin.

Prior to storing aggregate on private property, the Contractor shall submit to the Engineer written permission from the property owner for such stockpiling.

Precautions shall be taken to ensure that stockpiles do not become contaminated with oversized rock, clay, silt, or excessive amounts of moisture. The stockpiles shall be kept in areas that drain readily. Segregation of the aggregate will not be permitted.

The stockpile areas shall be thoroughly cleaned of all excess material and left in a neat, orderly appearance upon completion of slurry operations in any area.

Application:

The pavement surface shall be cleaned by sweeping, flushing, or other means necessary to remove loose particles of paving, dirt, aggregate, and any other extraneous materials. This must be performed to the satisfaction of the Engineer before any slurry seal material is placed; including the placement of slurry seal test strips.

Surface oil and grease shall be removed prior to the application of the slurry seal.

Subsection 302-4.3, "Continuous-Flow Mixers," of the Standard Specifications shall be revised to include the following:

All slurry mixing machines shall be equipped with a Fines Feeder for the adding of cement or granular Aluminum Sulfate.

Transit mix trucks shall not be used.

The slurry shall be applied in such a manner that no ripples or waves exist. If ripples or waves occur in the slurry during the application, the work shall cease and the Contractor shall correct the situation. The Contractor may use a drag to knock down ridges. If ripples or waves are not corrected to the Engineer's satisfaction, the street shall be reslurried at the Contractor's expense.

No slurry seal shall be placed on a wet street or crossing without the Engineer's consent.

Intersections and commercial driveways shall be completed in two parts to allow ingress and egress to traffic. Sand may be spread over the fresh slurry only with the permission of the Engineer.

The Contractor shall be required to work around all existing utility facilities and to seal up to the edge of such facilities. Slurry shall not be applied over any manhole, valve, survey monument, or

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miscellaneous frames and covers. It shall be the Contractor's responsibility to cooperate with the owner of the facility and to place protective covering over, or to otherwise avoid slurry seal coating of manholes, utility covers, concrete gutters, concrete cross gutters, and drainage facilities, and survey monuments. Any material used to protect such devices shall be removed and disposed of lawfully by the Contractor.

All thermoplastic pavement striping, markings, legends and raised pavement markers (reflective and non-reflective) shall be removed prior to construction slurry seal.

Rubber Tire Rolling - Rolling shall be performed with two complete coverages by a 12-ton nine-wheel rubber tired roller with a tire pressure of 50 psi. Rolling shall be performed after slurry and as soon as it sets up enough to support the roller and not pick up on the tires.

Areas of shade on the pavement that set up more than 10 minutes later than other areas shall be rolled separately, but as soon as they set up sufficiently to meet the requirements herein. Insufficient rubber-tire rollers to meet these requirements shall be cause for termination of slurry operations until rolling can keep pace with slurry spread.

Contractor shall sweep the streets for two (2) consecutive days after the application of the slurry. A third and final sweeping shall be done five to eight days after the slurry is complete. Residual material picked up from the sweepings shall be removed to a legal disposal site.

The Contractor shall protect the wet slurry from traffic at all times and if damaged or defaced, the Contractor shall repair said damage at no additional cost to the City.

The placement of slurry seal may be suspended with the concurrence of the Engineer due to unsuitable weather, temperature conditions, or other conditions that are considered unfavorable for the prosecution of the work. The Contractor shall immediately comply with the order of suspension by the Engineer, and work shall not be resumed until authorized by the Engineer.

The days during which the suspension of work is in effect due to unsuitable weather shall not be considered working days and the date of completion shall be extended to allow for work and notification. In the event of a suspension of work, the Contractor shall remove all barricades, equipment and "No Parking" signs (if appropriate) upon the curing of the completed portion of slurry. No adjustment of unit prices of any items shall be allowed due to a suspension of work as described above.

It is anticipated that nuisance water, such as storm water runoff and irrigation water, will run in and across the right-of-way at various time throughout the period of construction. It shall be the responsibility of the Contractor, at its own expense, to provide for and protect the work from such water.

In addition, the Contractor's responsibility shall include handling nuisance waters such that their operations do not cause them to damage existing improvements or properties adjacent to or near the site of work.

TECHNICAL PROVISIONS

The Contractor shall, at the direction of the Engineer, repair or reseal to the entire street, or complete section thereof, as determined by the Engineer, which have not been sealed properly (includes areas that have failed to meet yield and mix design specifications) and completely. No compensation will be provided for slurry seal used in repair and reseal work.

The start and finish of slurry application shall be a straight line which, unless otherwise approved by the Engineer, shall be obtained by laying a strip of building paper or other material approved by the Engineer on the pavement surface. After application of slurry, the paper is to be removed leaving a straight edge. The entire street surface area shall be sealed the same day.

The Contractor shall sweep any raveled material on the street one (1) week after the initial placement. If the Engineer determines the raveling is excessive, the frequency of sweeping shall be adjusted to the field conditions of the raveling. If raveling continues within two (2) weeks of the initial placement, the street shall be swept and re-slurry sealed at no cost to the City. Raveling can be identified by the presence of "black pebbles" in the gutter.

Payment: The contract unit price bid per square foot for the item "Slurry Seal, Type 2" shall include full compensation for all labor, tools, equipment, loading, hauling, disposing of materials, import of material, compaction and incidentals for doing work involved. Adjustment of compensation will be made for any increase or decrease in the quantities at the stipulated unit price.

TP14. COLD MILLING ASPHALT CONCRETE SURFACING

For the areas of existing asphalt pavement to be removed by cold milling, the cold milling work shall be in accordance with section 404, "Cold Milling," of the Standard Specifications and these Special Provisions and to a minimum depth as stated on the plans.

Add to Subsection 404-2, "Milling Machine," of the Standard Specifications the following:

At least two full time flag persons shall be assigned to the milling machine for traffic control when working on streets that are open to traffic.

If the milling operations results in the further degradation of the payment, the Contractor shall not continue the milling progress until the Engineer can address the issue. If the contractor fails to stop, the contractor will be liable for the damaged milled pavement and replace the failed section at their expense.

Payment: The contract unit bid price paid per square foot for Cold Milling Asphalt Concrete Surfacing shall include full compensation for furnishing all labor, materials, tools, equipment, grinding, loading, hauling, recycling, providing recycling weight certification, reports, and incidentals, and for doing all work involved in cold milling asphalt concrete surfacing, and no additional compensation will be allowed therefor.

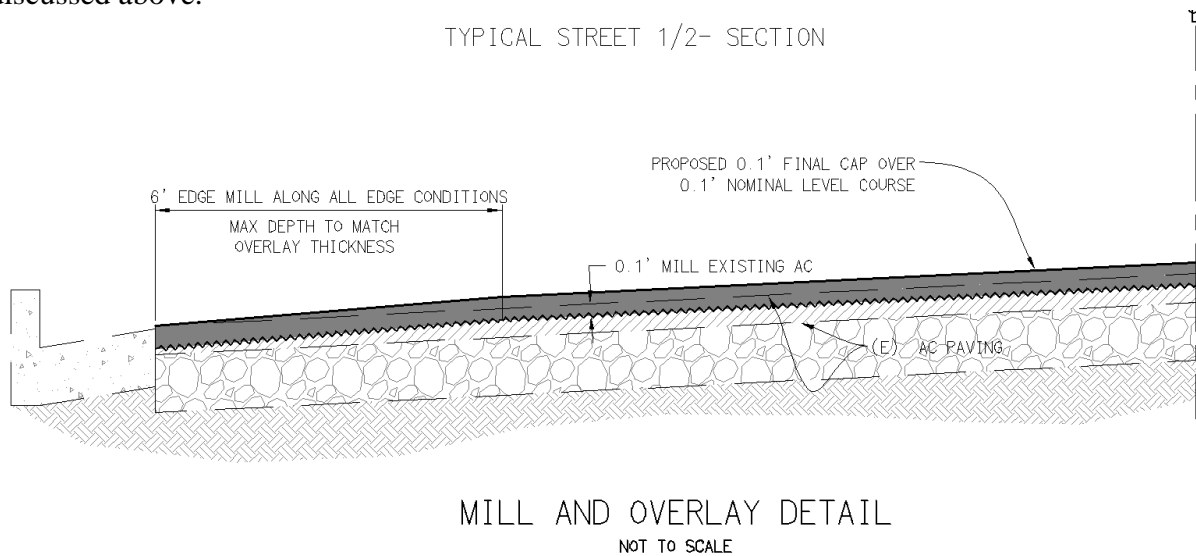
TECHNICAL PROVISIONS

TP15. EDGE MILLING ASPHALT CONCRETE SURFACING

Edge milling shall be performed in accordance with “Cold Milling Asphalt Concrete Surfacing”. Edge milling shall occur along all edges where overlay and ARAM will occur.

Milling depth at critical edges shall be adjusted to maintain a 3/8” lip from the finished surface of the proposed ac overlay to the critical edge. i.e. the ac surface shall not be greater the 3/8” higher than the edge of gutter.

Edge milling shall be six feet wide, and may taper from a zero-inch mill to the necessary depth discussed above.



Payment: The contract unit bid price paid per linear foot for edge Milling Asphalt Concrete Surfacing shall include full compensation for furnishing all labor, materials, tools, equipment, grinding, loading, hauling, recycling, and incidentals, and for doing all work involved in edge milling asphalt concrete surfacing. Adjustment of compensation will be made for any increase or decrease in the quantities at the stipulated unit price.

TP16. HOT MIX ASPHALT

HMA shall conform to Green Book section 203-6, “Asphalt Concrete”. HMA shall be installed in accordance with Green Book section 302-5, “Asphalt Concrete Pavement.”

Project Mix: C2-PG 64-10-R05

Payment: The contract unit bid price paid per ton for Hot Mix Asphalt shall include full compensation for all items of the work and all appurtenant work, including furnishing all materials, labor, equipment, tools and incidentals.

TECHNICAL PROVISIONS

Full compensation for furnishing and applying emulsion (paint binder/ tack coat) shall be considered as included in the contract price paid for Hot Mix Asphalt.

TP17. AC REMOVAL (Antonell)

Existing asphalt concrete where shown on plans to be removed, shall be removed to full depth. Contractor may mill, pulverize, or breakup ac paving in accordance with all applicable codes and laws. The removed material shall be properly disposed. Contractor to protect existing mating surfaces. Any damage as a result of ac removal shall be repaired with no additional compensation.

Payment: The contract unit price bid per square feet for the item “AC REMOVAL” shall include full compensation for all labor, tools, equipment, loading, hauling, disposing of materials, import of material, compaction and incidentals for doing work involved. Adjustment of compensation will be made for any increase or decrease in the quantities at the stipulated unit price.

TP18. ROADWAY EXCAVATION (Antonell)

This work includes recompacting the subgrade to a nominal depth of 36-inches. Work shall be in accordance with Section 301-1 of the standard specifications.

Payment: The contract unit price bid per cubic yard for the item “ROADWAY EXCAVATION” shall include full compensation for all labor, tools, equipment, loading, hauling, disposing of materials, import of material, compaction and incidentals for doing work involved. Adjustment of compensation will be made for any increase or decrease in the quantities at the stipulated unit price.

TP19. UNSUITABLE MATERIALS (Antonell)

This work includes removing enough subgrade material to accommodate 8” of crushed aggregate base. Base shall be per a separate pay item. All material removed shall be disposed of in accordance to applicable codes and laws.

Payment: The contract unit price bid per cubic yard for the item “Unsuitable Material” shall include full compensation for all labor, tools, equipment, loading, hauling, disposing of materials, import of material, compaction and incidentals for doing work involved. Adjustment of compensation will be made for any increase or decrease in the quantities at the stipulated unit price.

TP20. CRUSHED AGGREGATE BASE (Antonell)

This work includes importing and placing 8” of crushed aggregate base in accordance with Section 200-2.2 and Section 301-1 of the standard specifications.

TECHNICAL PROVISIONS

Payment: The contract unit price bid per cubic yard for the item “CRUSHED AGGREGATE BASE” shall include full compensation for all labor, tools, equipment, loading, hauling, disposing of materials, import of material, compaction and incidentals for doing work involved. Adjustment of compensation will be made for any increase or decrease in the quantities at the stipulated unit price.

TP21. TRAFFIC STRIPING AND PAVEMENT MARKINGS

All traffic stripes and markings shall be thermoplastic. Application of thermoplastic traffic stripes (lane lines, centerlines) and thermoplastic pavement markings (word and symbol markings, limit lines, crosswalk, etc.) shall conform to the provisions in Section 84, "Pavement Markings," of the 2018 State Standard Specifications and these Special Provisions.

The Contractor shall layout and “cat-track” the alignment of the proposed striping at 15-foot intervals and “spot” the proposed pavement markings as called for on the Plans. Striping shall vary no more than 2 inches in 50 feet from the specified alignment. The Engineer may waive minor variations.

The Contractor shall not proceed with applying any thermoplastic pavement striping and markings until the Engineer has checked and approved the cat-tracking and spotting, and has authorized the Contractor to proceed.

All traffic striping shall be performed with a road liner type striping machine. Where the configuration or location of a traffic stripe is such that the use of a road liner type striping machine is unsuitable, thermoplastic may be applied by other methods and equipment approved by the Engineer. The Engineer shall determine if the road liner type striping machine is unsuitable for a particular use.

Except as otherwise noted on the Plans or as directed by the Engineer, all angle points, as shown on the striping Plans shall be painted as a smooth, tangent curve with a radius and length as approved in the field.

Temporary tape or reflective markers utilized for the purposes of interim delineation for centerline, lane lines, and crosswalk lines shall be placed to the side of the final striping pattern in such a way so that it will not interfere with the first coat of paint. All temporary tape and reflective markers applied for the purpose of interim delineation shall be removed by the Contractor at no additional cost to the City upon completion of the first coat of striping and prior to the final striping.

Stencils used for pavement markings must conform to the latest Caltrans approved Stenciling Standards.

Newly applied or existing striping or markings which are damaged as a result of the construction, including wheel markings by public traffic and the construction equipment, shall be replaced in

kind, and any associated removals shall be performed as outlined in these Technical Provisions at the sole expense of the Contractor and no separate compensation will be allowed therefore.

Existing traffic striping and pavement markings that do not conform to the approved Plans shall be removed by wet sandblasting. Other methods may be requested by the Contractor, but shall be submitted in writing to the Engineer for approval. Blackout of existing traffic striping or pavement markings, which do not conform to the approved Plan, shall not be allowed.

Payment for all thermoplastic traffic striping, pavement markings, legends and markings shall be included in the contract lump sum price paid for Traffic Striping And Pavement Markings. Said payment shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, and for doing all the work involved in reestablishing all traffic stripes and applying thermoplastic pavement markings including establishing alignment for stripes, layout work, sandblasting all conflicting markings (including existing paint and thermoplastic on existing adjacent PCC gutters and spandrels), removing all conflicting raised pavement markers, and performing all work, complete in place, as shown on the Plans, as specified in the Standard Specifications and these Technical Provisions and as approved by the Engineer, and no separate or additional compensation will be allowed therefor.

TP22. PAVEMENT MARKERS

Pavement markers shall conform to the provisions in Section 82, "Signs and Markers," of the State of California Standard Specifications and these Special Provisions.

Certificates of compliance shall be furnished for pavement markers as specified in "Prequalified and Tested Signing and Delineation Materials," elsewhere in these Special Provisions.

Reflective pavement markers shall comply with the specific intensity requirements for reflectance after abrading the lens surface in accordance with California Test 669 specified for pavement markers placed in pavement recesses in Section 81-3.02C, "Reflective Pavement Markers," of the State of California Standard Specifications.

Non-reflective pavement markers shall conform to the requirements of the Section 85-1.02B, "Non-Reflective Pavement Markers," of the State of California Standard Specifications.

The bituminous adhesive used to install both reflective and non-reflective markers shall be a hot melt bituminous adhesive asphaltic material with homogeneously mixed mineral filler and shall conform to the requirements specified in Section 81-3.03B, "Hot Melt Bituminous Adhesive," of the Standard Specifications. Epoxy adhesive shall comply with Section 81-3.03C, "Epoxy Adhesive" of the Standard Specifications.

Reflective pavement markers shall be installed per the approved Plan unless otherwise approved by the Engineer. The composition of the material shall be such that its properties shall not deteriorate when heated to and applied at temperatures up to 425°F, using either air or oil jacketed melters.

TECHNICAL PROVISIONS

Reflective pavement markers shall be placed at locations as established by the applicable Caltrans striping detail noted on the approved striping Plan which includes, but is not limited to temporary painted line(s), new striping, or existing striping. There shall be one marker for each location. The Contractor shall perform all work necessary to establish satisfactory locations for markers.

The Contractor shall remove existing reflective pavement markers that do not conform to the plan.

Reflective pavement markers shall be of the prismatic reflector type (3M model white 290-W and yellow 291-2Y) as outlined in Subsection 81-3.02C, "Reflective Pavement Markers," of the State of California Standard Specifications.

In accordance with Public Contract Code Section 3400, the City has made all necessary findings, and hereby declares that the 3M brand product shall exclusively be supplied for use on this project in order to match other reflective pavement marker equipment already in use throughout the City. In addition, the 3M product is the only product that has been found to achieve sufficient retro reflectivity and durability performance. Therefore, no substitutions will be allowed.

Existing pavement markers (blue) designating location of the fire hydrants shall be replaced "in kind" and proposed pavement markers (blue) designating location of the fire hydrants shall be installed, where they previously existed, after the paving is completed.

Payment: The Contract lump sum price paid for Pavement Markers shall include full compensation for furnishing all labor, materials, tools, equipment, and incidentals, for doing all the work involved in removing and replacing in-kind raised pavement markers and the items specified herein and no additional compensation shall be allowed therefor.

TP23. ADJUST VALVE TO GRADE

For all existing water valve and gas valve covers and for utility vaults, the Contractor shall notify the owners to adjust their facilities to grade. The Contractor shall loosen all valve covers immediately after paving. The Contractor shall paint all water valve covers blue and all gas valve covers yellow.

Payment: Loosening valve covers after paving and painting the covers shall be included in the price paid for other items. No compensation is proposed for adjusting valves to grade.

TP24. ADJUST MANHOLE TO GRADE

Adjustment of storm drain/sewer manhole frames and covers to grade shall be in accordance with the plans and section 403 "Manhole Adjustment and Reconstruction" of the Standard Specifications and the agency or utility standards and policies that owns or has control of the manhole.

TECHNICAL PROVISIONS

The contractor is responsible for obtaining timely written approval from other applicable agencies that have jurisdiction over other manholes found within the work area.

In areas where AC leveling course, and/or AC over milled pavement is constructed the Contractor shall adjust manhole frames and covers to grade when the finished surface of the newly constructed pavement is greater than one-half (1/2) inch higher than the existing manhole frame.

Raised manhole rings and covers shall have a Type II barricade with two flashing lights placed over each manhole until it is paved.

After the pavement has been completed, the necessary portions of the sub-grade, base, and pavement shall be neatly removed, the structure built-up, and the manhole frame set to be backfilled with PCC concrete and Type III-C3-PG 64-10 asphalt concrete. The asphalt concrete shall be placed and compacted in a workmanlike manner to conform to the appearance of the surrounding pavement. The asphalt concrete shall be placed within two (2) days after the manhole ring and cover has been adjusted to final grade, unless otherwise approved by the Engineer.

Payment: Full compensation for adjusting manholes to grade shall be made at the contract unit price paid per each and shall include full compensation for furnishing all labor, materials, tools, and equipment, and for doing all the work involved, complete in place, and no additional compensation will be allowed therefor. Adjustment of compensation will be made for any increase or decrease in the quantities of manholes at the stipulated unit price.

TP25. CONCRETE REMOVAL

For ramp locations identified to receive a new ramp, the existing concrete ramp shall be removed and disposed of in accordance with applicable code and laws. After concrete is removed the affected area shall be graded and compacted to accommodate the proposed ramp. Any remedial grading shall be performed under this pay item.

Payment: The contract unit price bid per square feet for the item “CONCRETE REMOVAL” shall include full compensation for all labor, tools, equipment, loading, hauling, disposing of materials, import of material, compaction and incidentals for doing work involved. Adjustment of compensation will be made for any increase or decrease in the quantities at the stipulated unit price.

TP26. MINOR CONCRETE (RAMPS)

Preparation of subgrade for the concrete ramps shall be done in conformance with the requirements of section 73-1.03B Subgrade Preparation of the Standard Specifications.

Existing material resulting from the excavation of the subgrade shall be disposed of in accordance with applicable codes and laws.

TECHNICAL PROVISIONS

The contractor is responsible for meeting requirements of the Americans with Disabilities Act (ADA), the current edition of the California Building Code, and the draft and final versions of the Accessibility Guidelines for Pedestrian Facilities within the Public Right-of-way as published by the United States Access Board.

Construction of ramps shall include, but not be limited to, the following:

1. Removal and disposal of existing ramps, soil, base;
2. Establishing grades and assuring that all grades are met;
3. Perform all grading and compaction- including all required aggregate import, or import
4. All scoring and grooving;
5. Repair of existing asphalt and PCC surfacing including approach of access ramps to modify grade that must comply with ADA requirements;
6. Installing ½” wide expansion joints;
7. All landscaping if any, and related work to return the area to its original condition.

Payment: The contract unit price bid per each for the item “MINOR CONCRETE (RAMPS)” shall include full compensation for all labor, tools, equipment, loading, hauling, disposing of materials, import of material, compaction and incidentals for doing work involved. Adjustment of compensation will be made for any increase or decrease in the quantities at the stipulated unit price.

TP27. CURB RAMP DETECTABLE WARNING SURFACE

This work includes installing detectable warning surfaces on the curb ramps or as necessary to bring the ramp into compliance.

The curb ramp detectable warning surface shall be rigid polymer composite/fiberglass panel set into wet concrete for new ramps and shall be composite/fiberglass panels applied with adhesive and mechanical fasteners for existing ramps that are otherwise ADA -compliant.

The color of the detectable warning surface shall be yellow complying with the Federal Standard 595B, color No. 33538.

The manufacturer must provide a written 5-year warranty for detectable warning surface, guaranteeing replacement when there is a defect in the dome shape, color fastness sound-on-cane acoustic quality, resilience, or attachment. The warranty period shall begin upon acceptance of the contract.

Payment: “CURB RAMP DETECTABLE WARNING SURFACE” for new ramps shall be considered as included with the contract unit price paid for the MINOR CONCRETE (RAMPS). For existing ramps the contract unit price bid per each for the item “CURB RAMP DETECTABLE WARNING SURFACE” shall include full compensation for all labor, tools, equipment, loading, hauling, disposing of materials, import of material, compaction and

TECHNICAL PROVISIONS

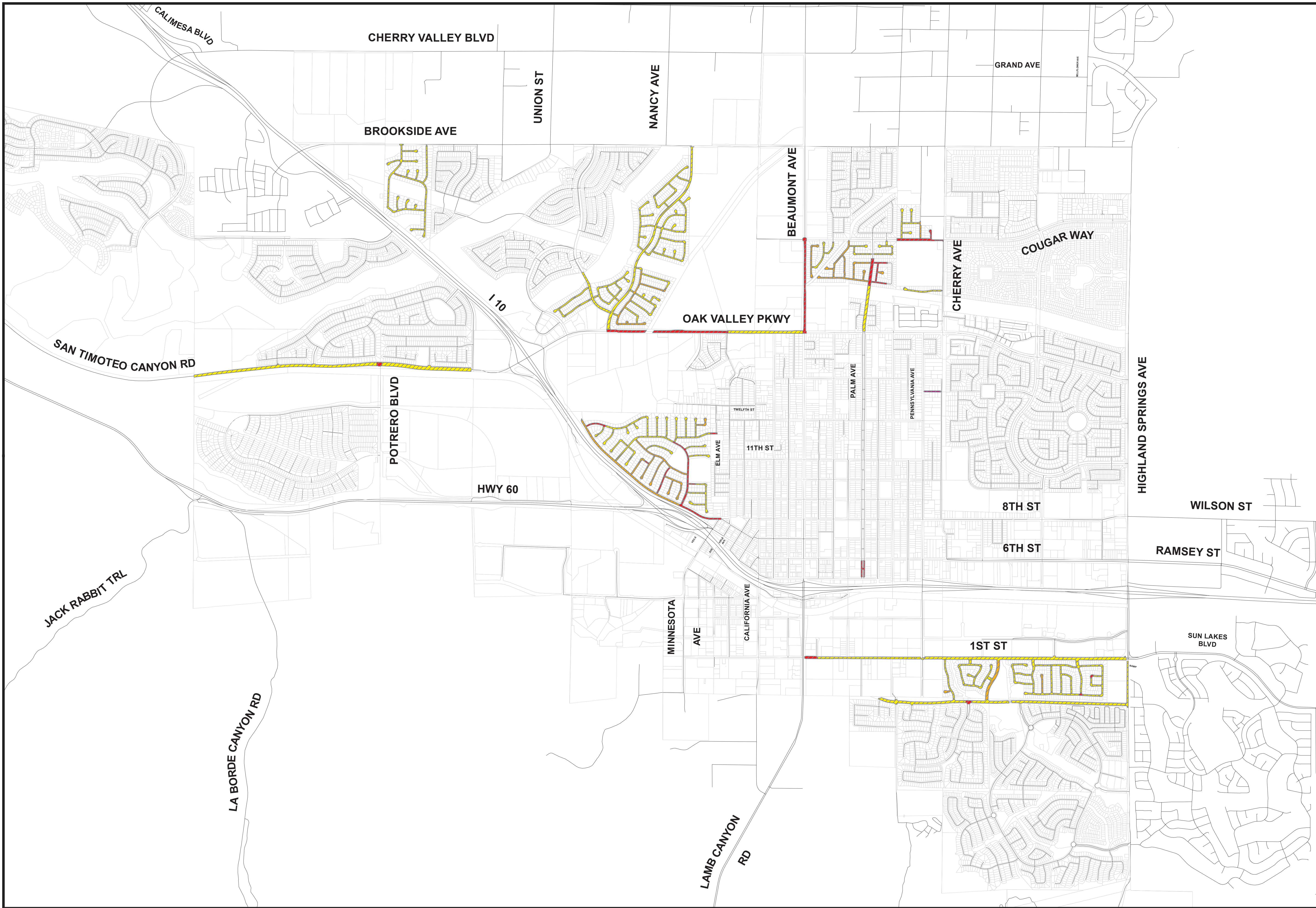
incidentals for doing work involved. Adjustment of compensation will be made for any increase or decrease in the quantities at the stipulated unit price.

TP28. GUARANTEE

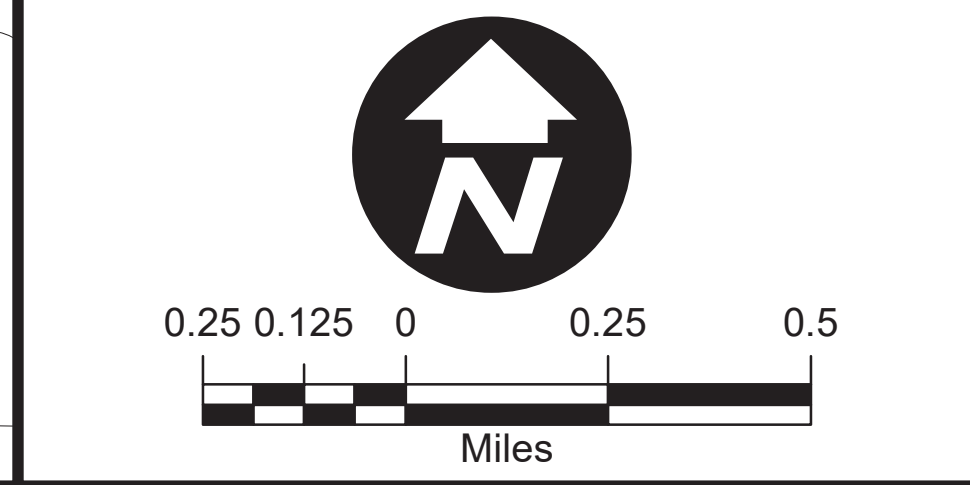
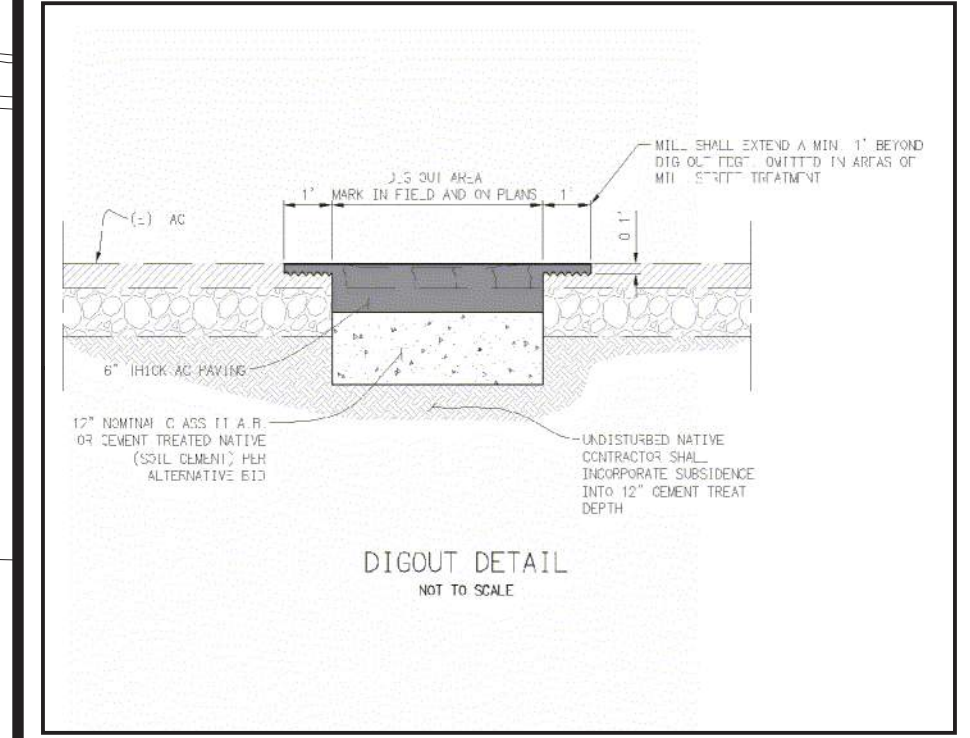
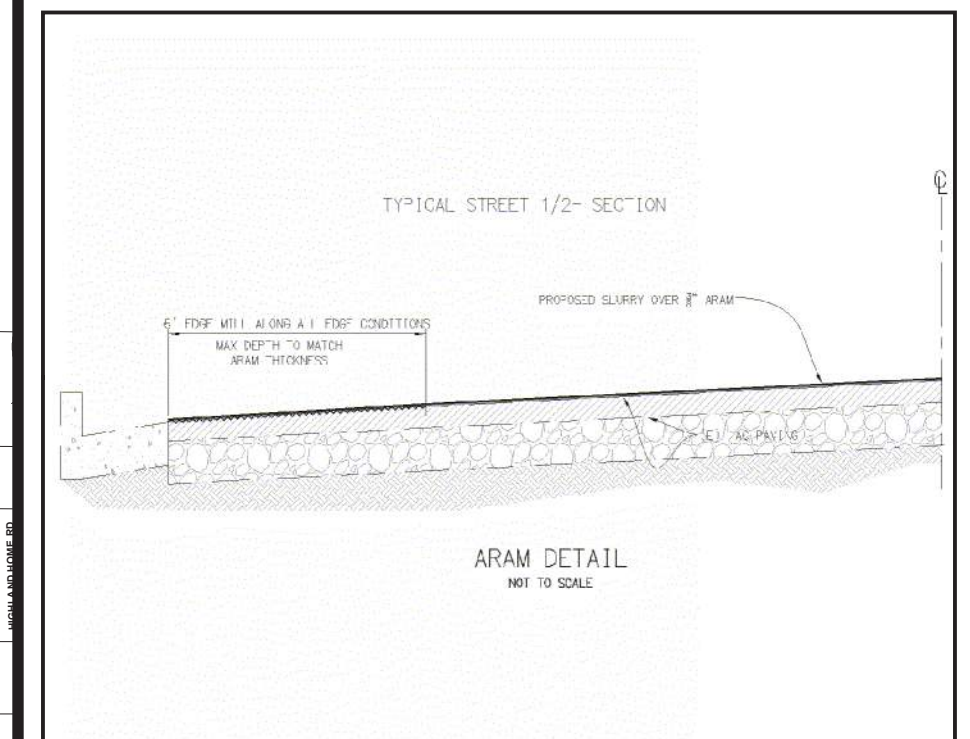
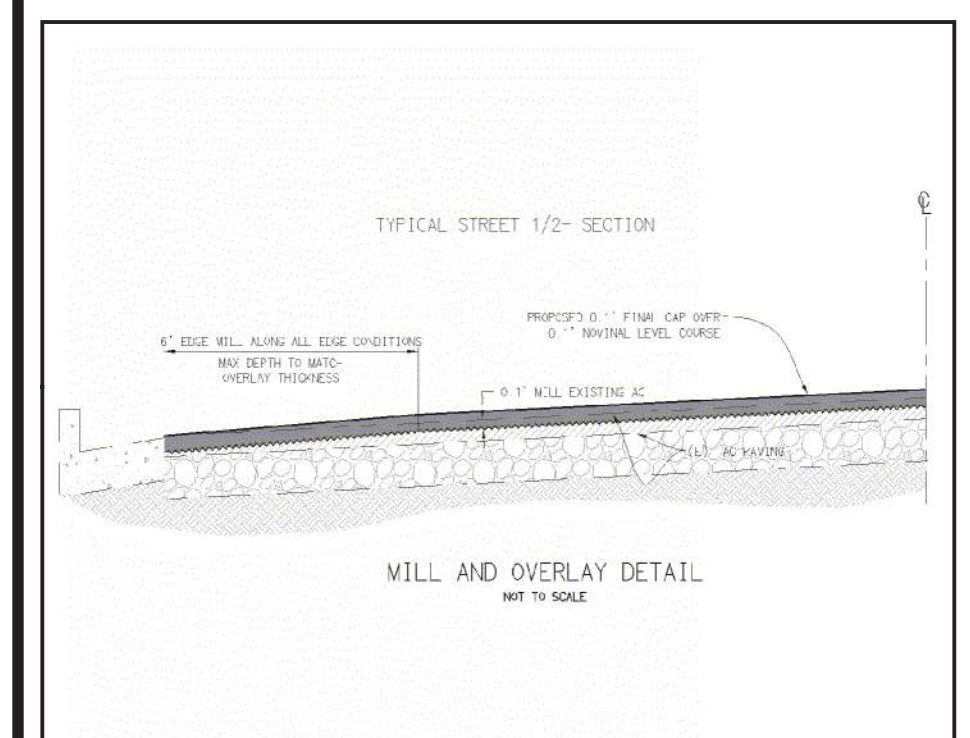
In addition to guarantees required elsewhere, the contractor shall and hereby does guarantee all Work for a period of one (1) year after the date of acceptance of the Work by the City and shall repair and replace any and all such Work, together with any other work which may be displaced in so doing that may prove defective in workmanship and/or materials within the one (1) year period from the date of acceptance, without expense whatsoever to the City, ordinary wear and tear and usual abuse or neglect excepted. In the event of failure to comply with the above mentioned conditions within five (5) days after being notified in writing, the City is hereby authorized to proceed to have the defects repaired and made good at the expense of the Contractor, who shall pay the cost and charges therefore immediately upon demand.

APPENDIX A-CONSTRUCTION PLANS

TECHNICAL PROVISIONS



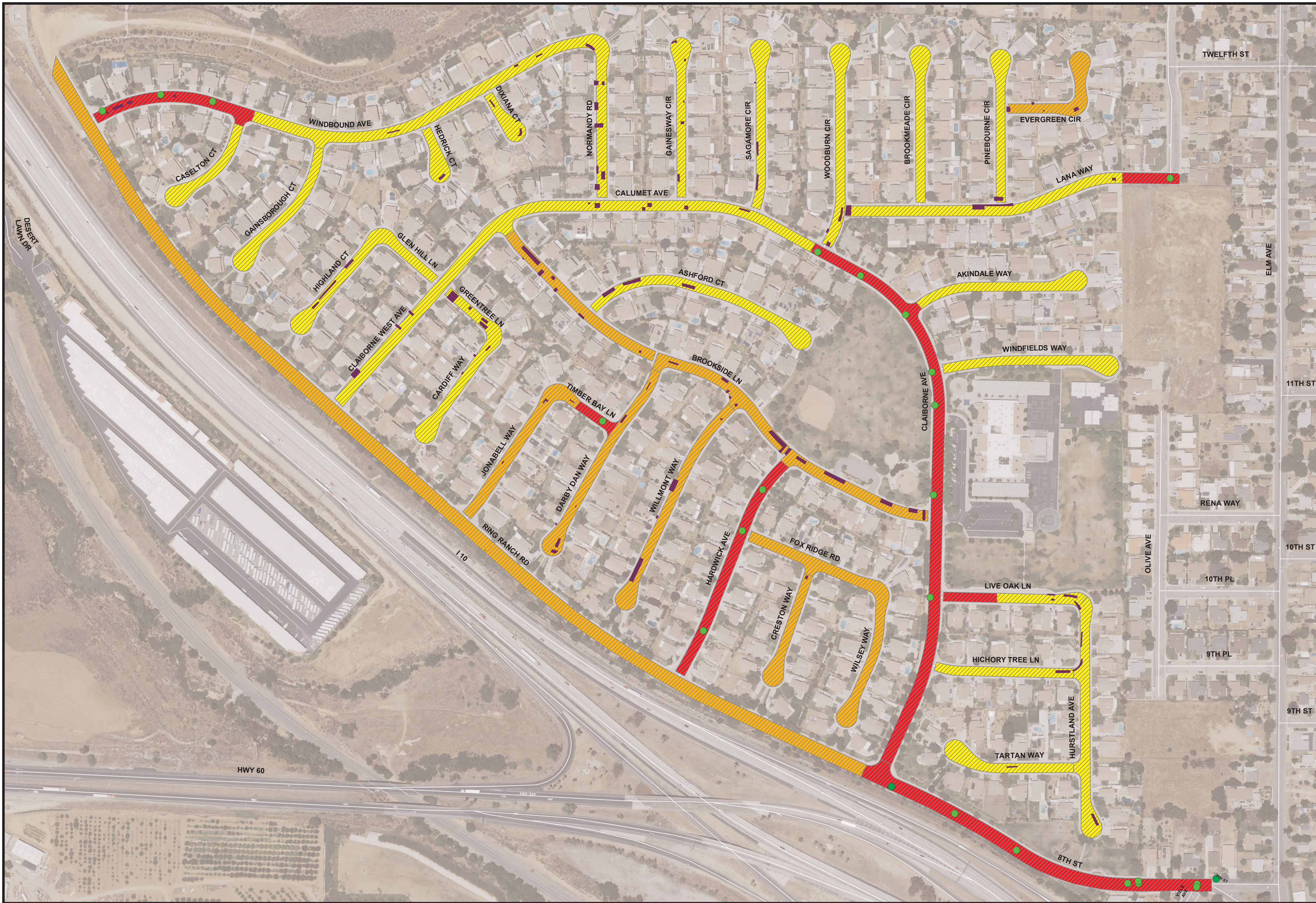
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- 20/21 Annual Street Projects**
- Treatment Type**
- Full-Depth R&R
 - Mill & Overlay
 - ARAM Cape Seal
 - Slurry Seal



CITY OF BEAUMONT
20/21 Annual Street Projects
PUBLIC WORKS DEPARTMENT

Date Created: 6/17/21

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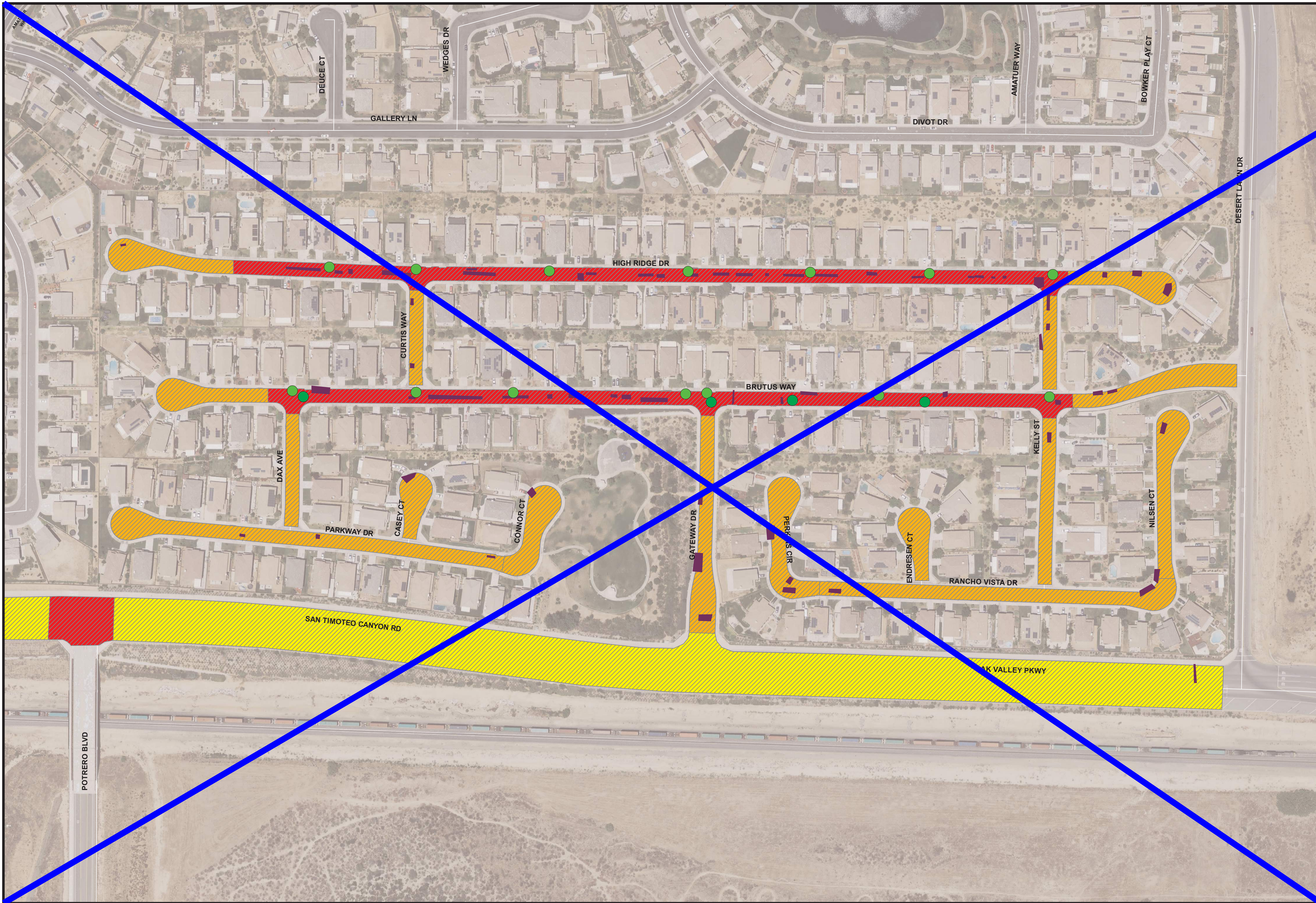
- LEGEND**
- Storm Drain Manhole
 - Sewer Manhole
 - Dig Out
- R-03 & 04 Streets**
- Treatment Type**
- Mill & Overlay
 - ARAM Cape Seal
 - Slurry Seal



CITY OF BEAUMONT
20/21 Annual Street Projects - Three Rings
PUBLIC WORKS DEPARTMENT

Date Created: 6/17/21

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- LEGEND**
- Storm Drain Manhole
 - Sewer Manhole
 - Dig Out
- R-03 & 04 Streets**
- Treatment Type**
- Mill & Overlay
 - ARAM Cape Seal
 - Slurry Seal

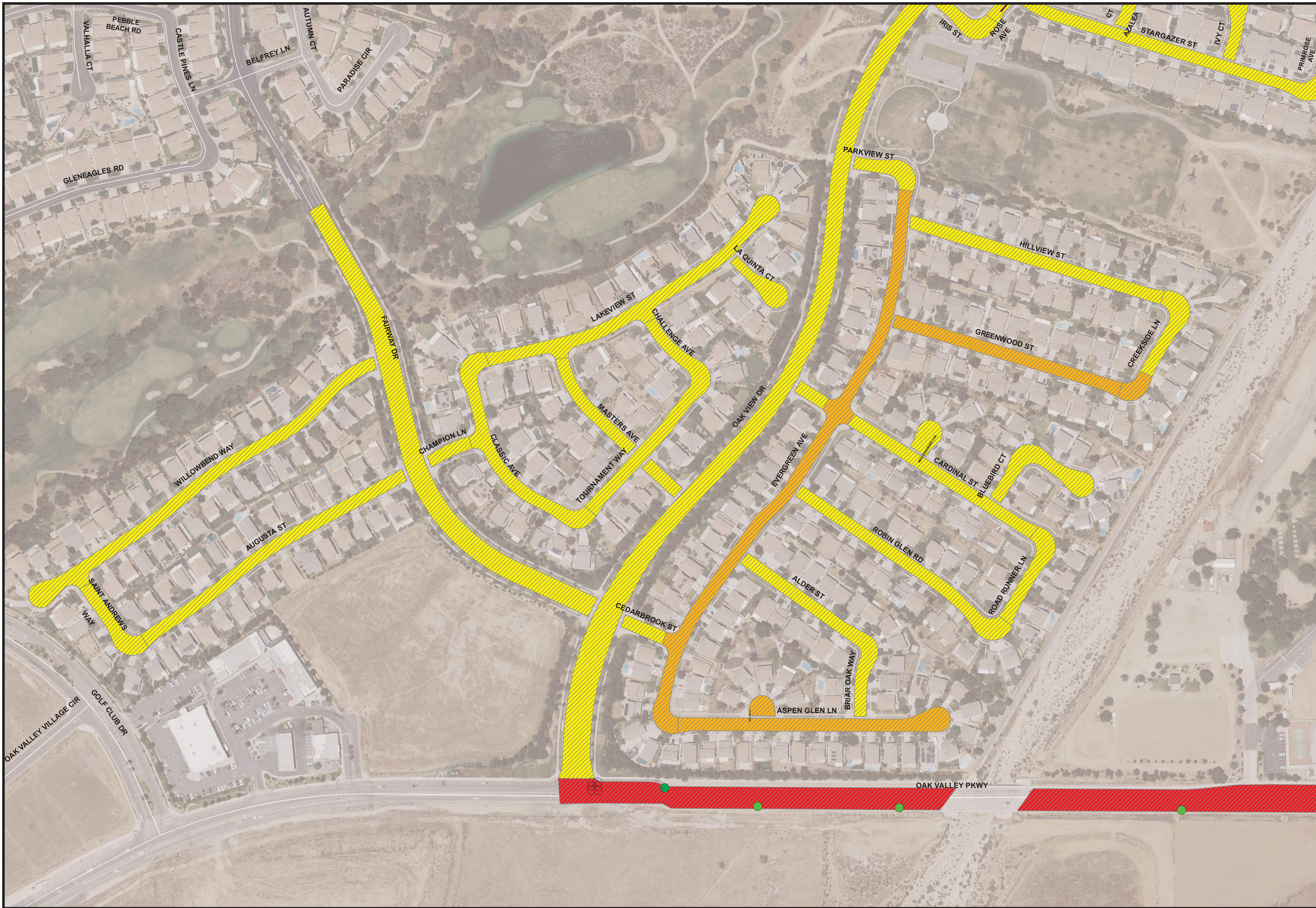


CITY OF BEAUMONT
20/21 Annual Street Projects - Curtis
PUBLIC WORKS DEPARTMENT

NOT A PART

Date Created: 6/17/21

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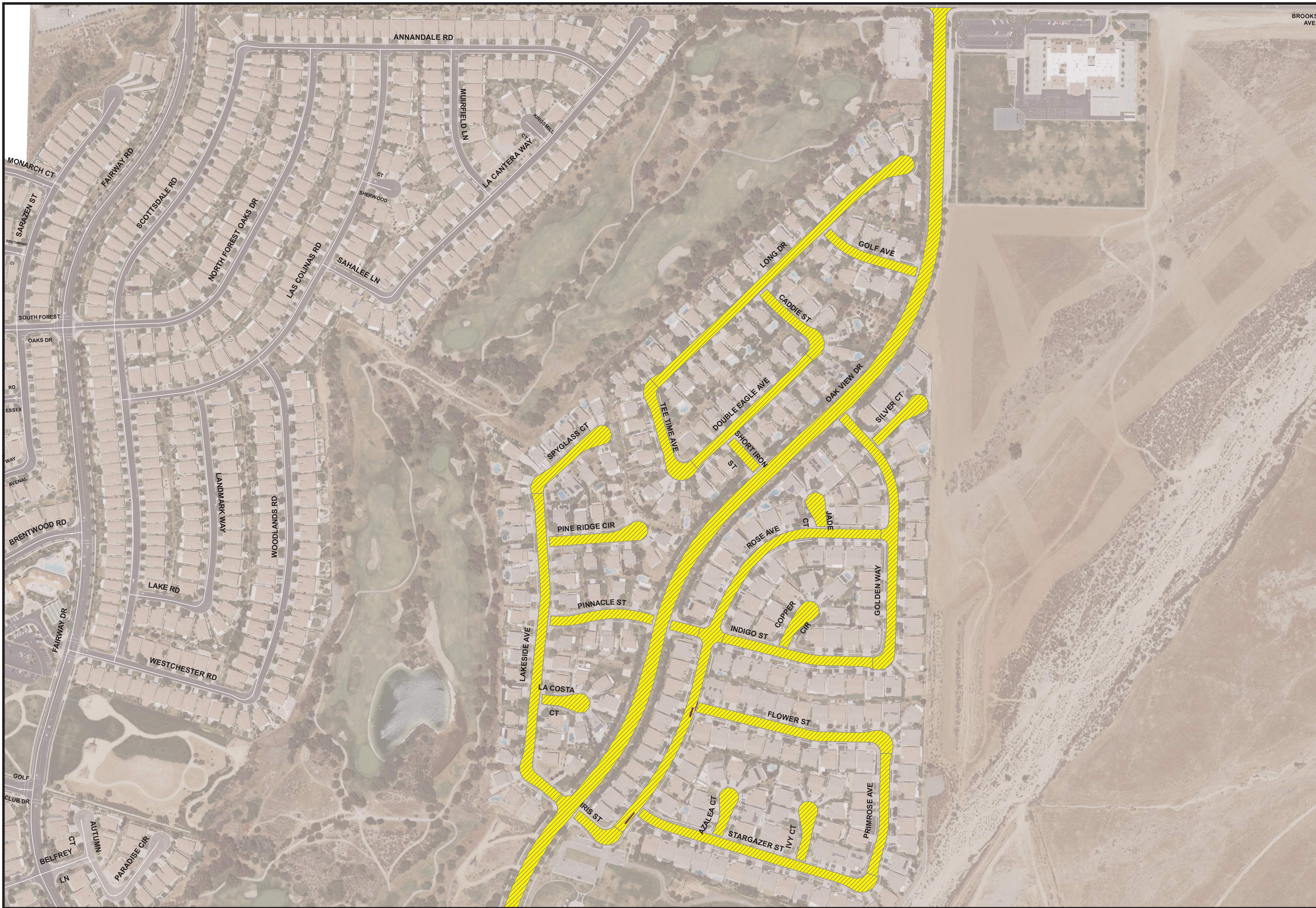
- LEGEND**
- Signal_loop
 - Storm Drain Manhole
 - Sewer Manhole
 - Dig Out
- R-03 & 04 Streets**
- Treatment Type**
- Mill & Overlay
 - ARAM Cape Seal
 - Slurry Seal



CITY OF BEAUMONT
20/21 Annual Street Projects - The Estates at Oak Valley (1 of 2)
PUBLIC WORKS DEPARTMENT

Date Created: 6/17/21

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LEGEND

- BCVWD Valves
- Storm Drain Manhole
- Sewer Manhole
- Dig Out

R-03 & 04 Streets

Treatment Type

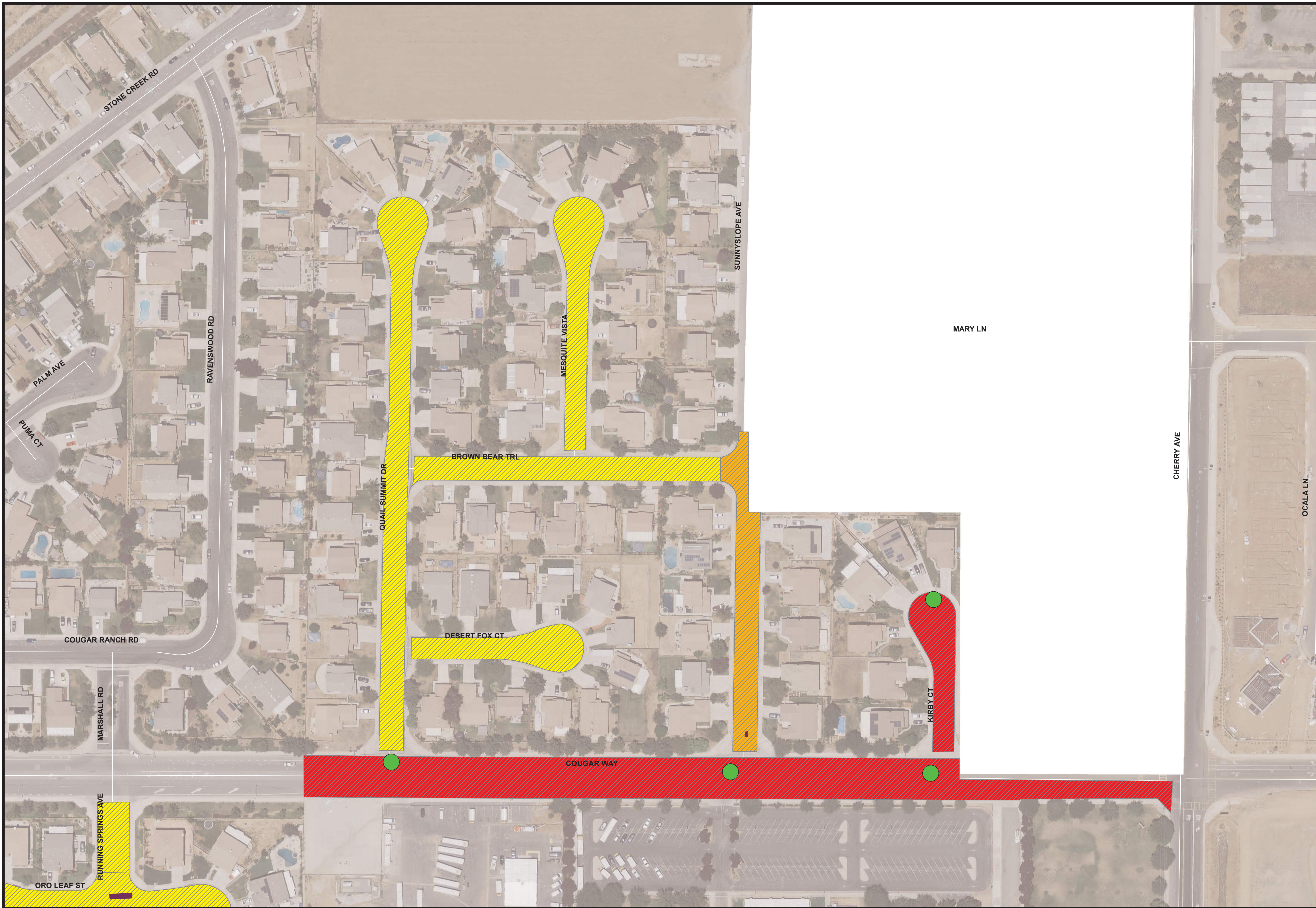
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- ARAM Cape Seal
- Slurry Seal



CITY OF BEAUMONT
20/21 Annual Street Projects - The Estates at Oak Valley (2 of 2)
PUBLIC WORKS DEPARTMENT

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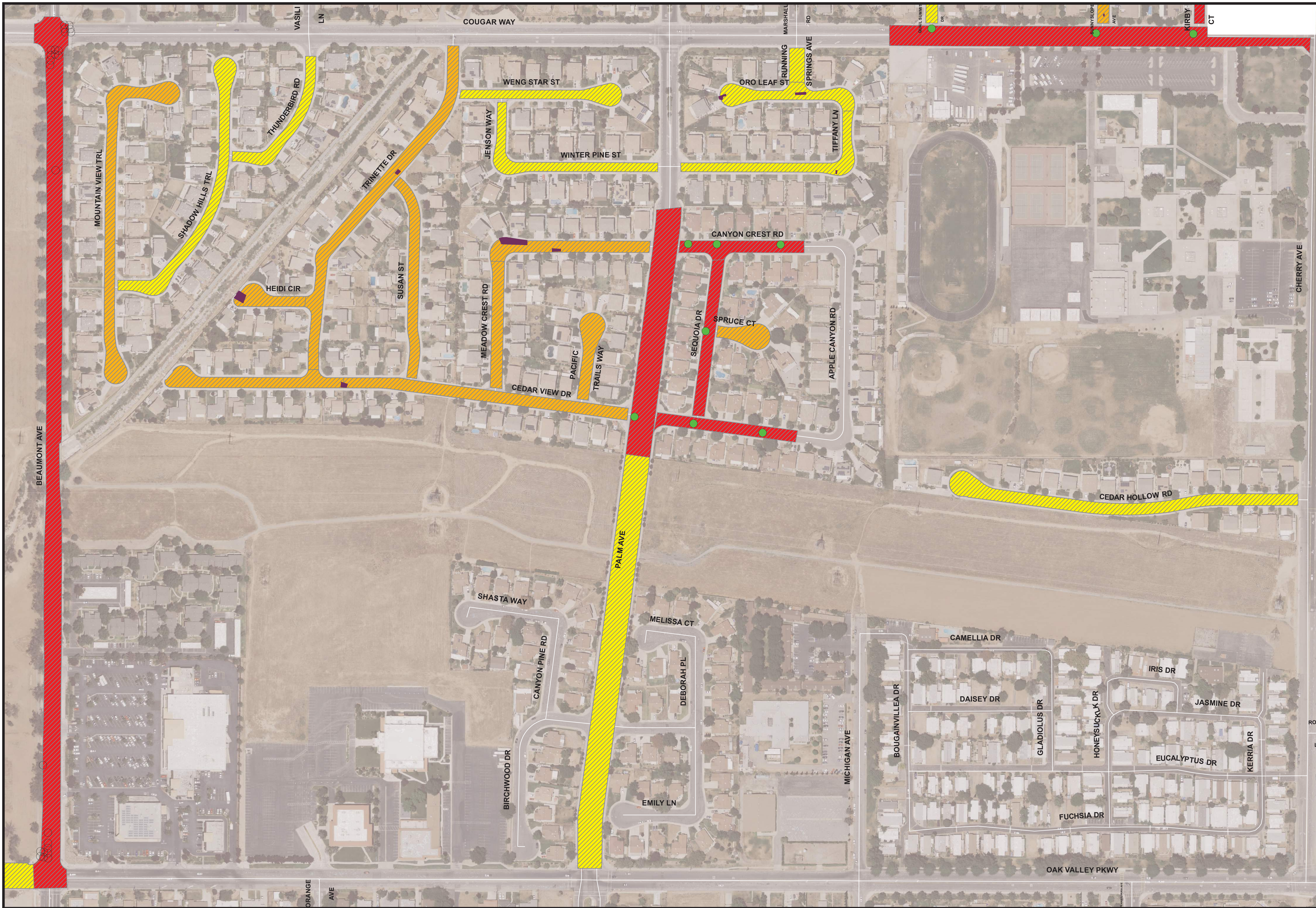
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 - Sewer Manhole
 - Dig Out
- R-03 & 04 Streets**
- Treatment Type**
- Mill & Overlay
 - ARAM Cape Seal
 - Slurry Seal



Date Created: 6/17/21

CITY OF BEAUMONT
20/21 Annual Street Projects - Cougar Ranch Improvement Area 9
PUBLIC WORKS DEPARTMENT

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LEGEND

- Signal_loop
- Storm Drain Manhole
- Sewer Manhole
- Dig Out

R-03 & 04 Streets

Treatment Type

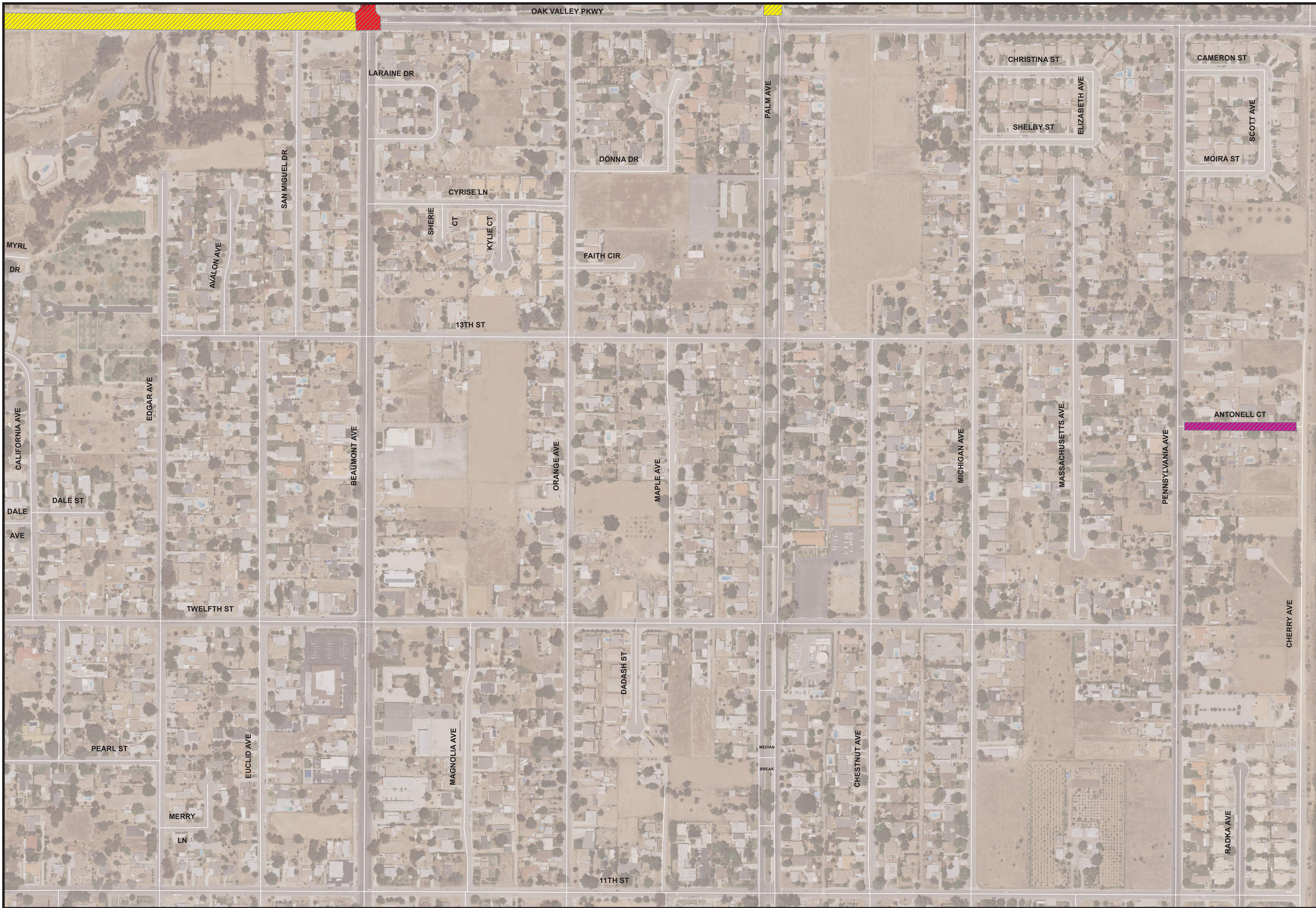
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- Slurry Seal

CITY OF BEAUMONT
20/21 Annual Street Projects - Mountain Meadows, Canyon Ridge, & Pacific Trails
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Date Created: 6/17/21



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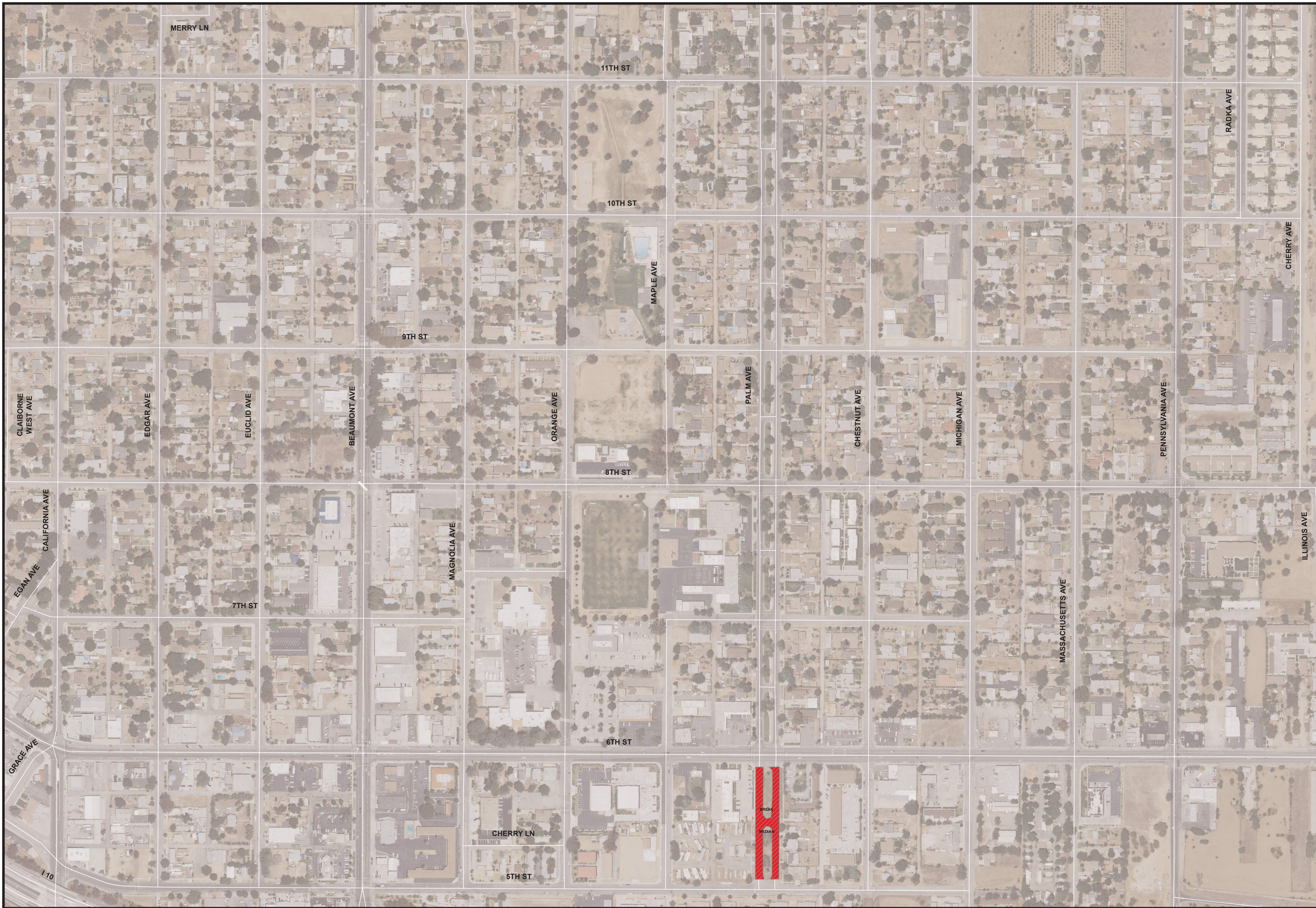
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 - Dig Out
- R-03 & 04 Streets**
- Treatment Type**
- Full-Depth
 - Mill & Overlay
 - ARAM Cape Seal
 - Slurry Seal



CITY OF BEAUMONT
20/21 Annual Street Projects - Downtown (North of 11th)
PUBLIC WORKS DEPARTMENT

Date Created: 6/17/21

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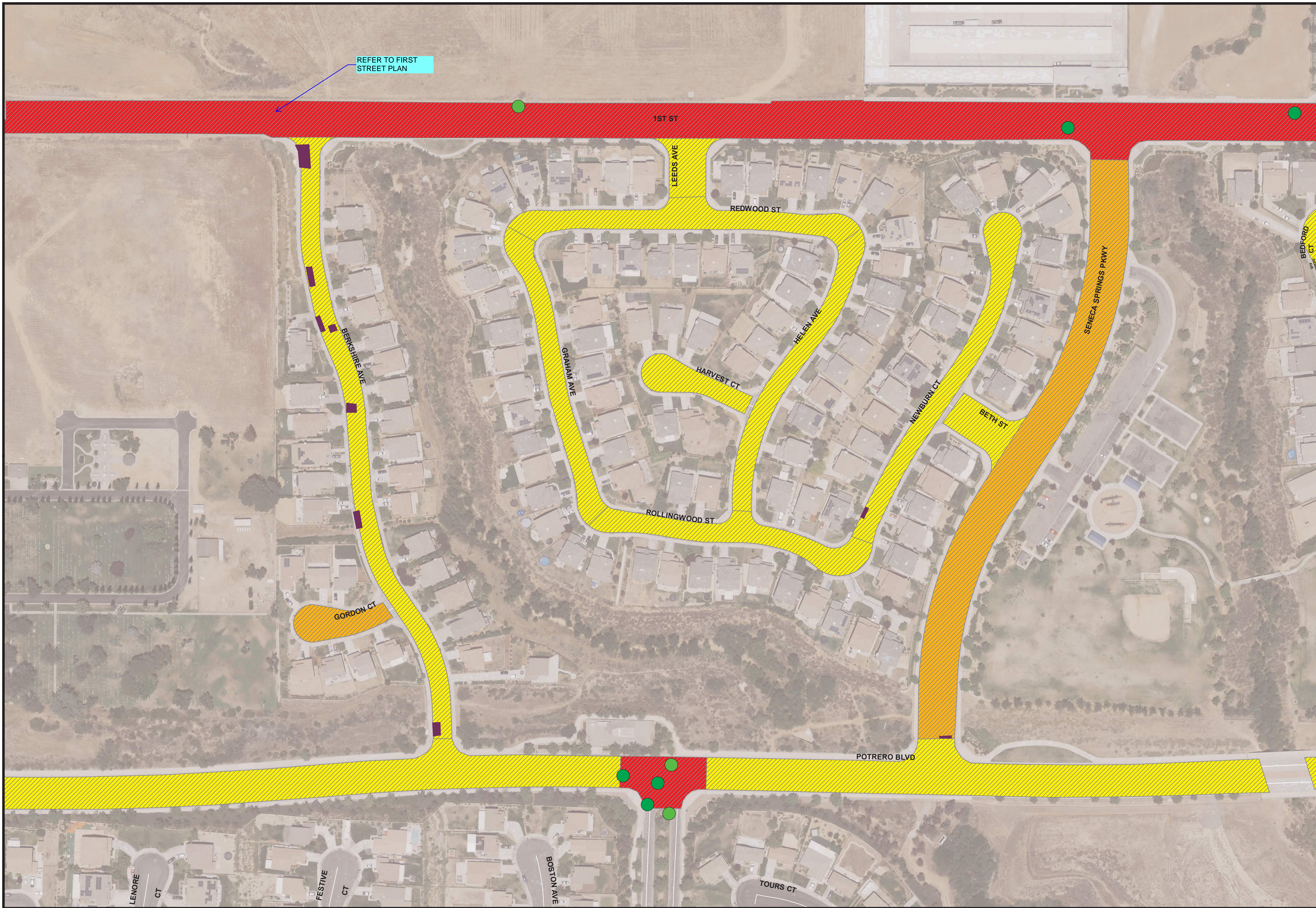
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- Storm Drain Manhole
 - Sewer Manhole
 - Dig Out
- R-03 & 04 Streets**
- Treatment Type**
- Mill & Overlay
 - ARAM Cape Seal
 - Slurry Seal



CITY OF BEAUMONT
20/21 Annual Street Projects - Downtown (South of 11th)
PUBLIC WORKS DEPARTMENT

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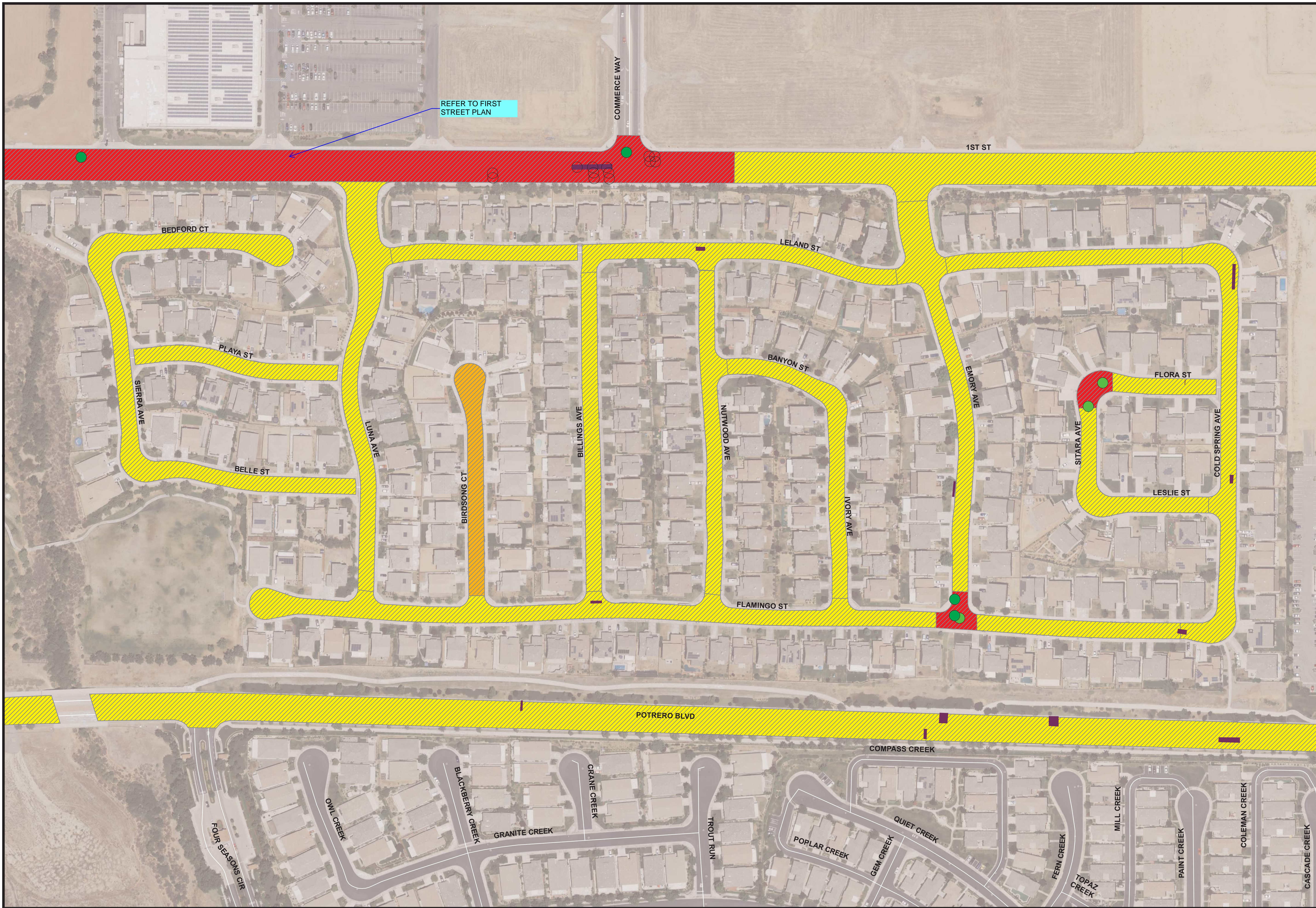
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 - Storm Drain Manhole
 - Sewer Manhole
 - Dig Out
- R-03 & 04 Streets**
- Treatment Type**
- Mill & Overlay
 - ARAM Cape Seal
 - Slurry Seal



CITY OF BEAUMONT
20/21 Annual Street Projects - Seneca Springs (1 of 2)
PUBLIC WORKS DEPARTMENT

Date Created: 6/17/21

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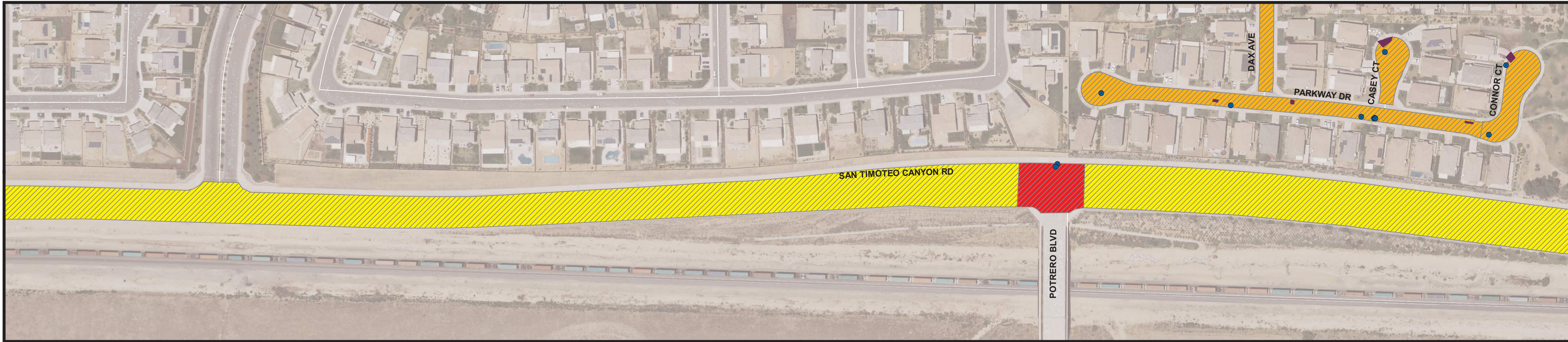
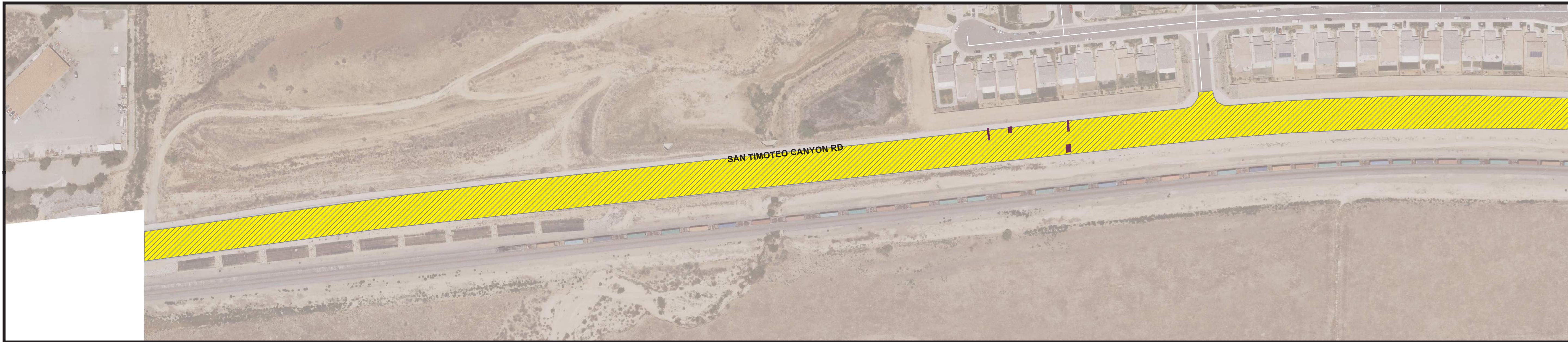
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 - Storm Drain Manhole
 - Sewer Manhole
 - Dig Out
- R-03 & 04 Streets**
- Treatment Type**
- Mill & Overlay
 - ARAM Cape Seal
 - Slurry Seal



CITY OF BEAUMONT
20/21 Annual Street Projects - Seneca Springs (2 of 2)
PUBLIC WORKS DEPARTMENT

Date Created: 6/17/21

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LEGEND

- Signal_loop
- Storm Drain Manhole
- Sewer Manhole
- Dig Out

R-03 & 04 Streets

Treatment Type

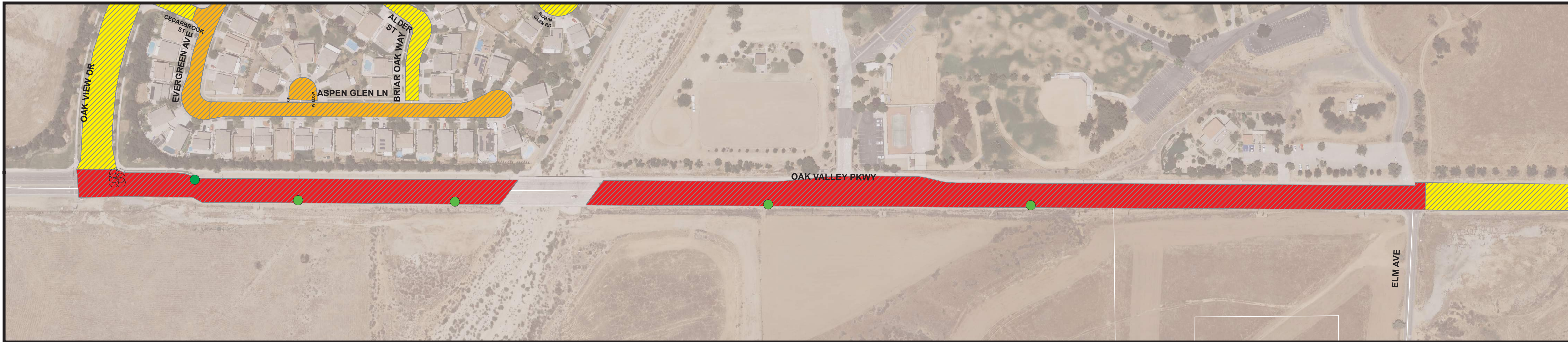
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- ARAM Cape Seal
- Slurry Seal



Date Created: 6/17/21

CITY OF BEAUMONT
20/21 Annual Street Projects - Oak Valley Parkway (City Limit to I-10)
PUBLIC WORKS DEPARTMENT


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 (951) 769-8522
www.beaumontca.gov

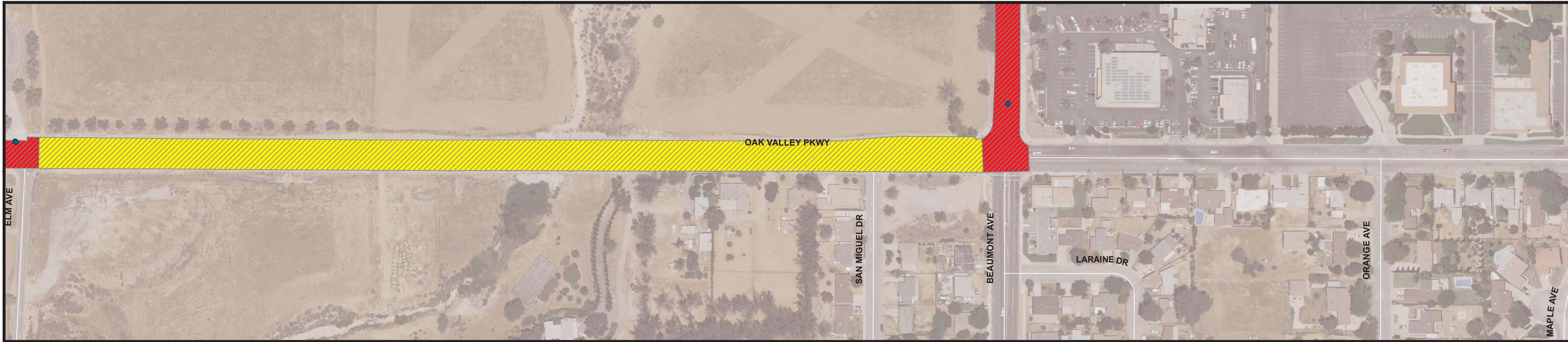


LEGEND

- Signal_loop
- Storm Drain Manhole
- Sewer Manhole
- Dig Out

R-03 & 04 Streets

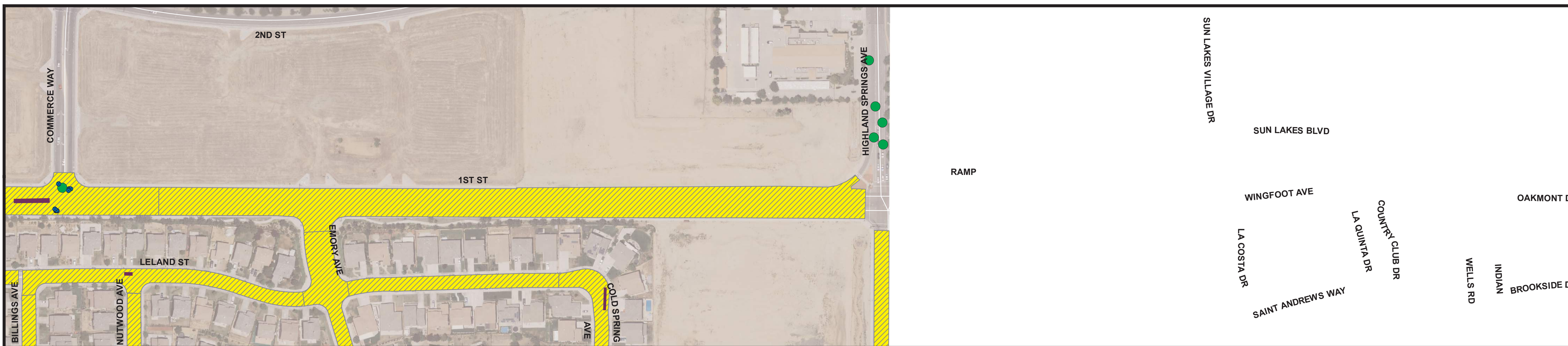
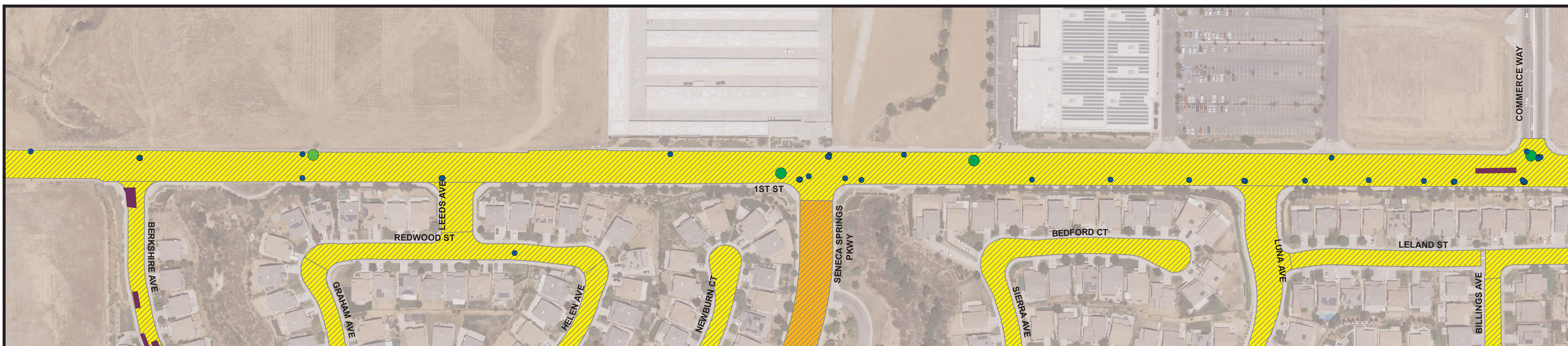
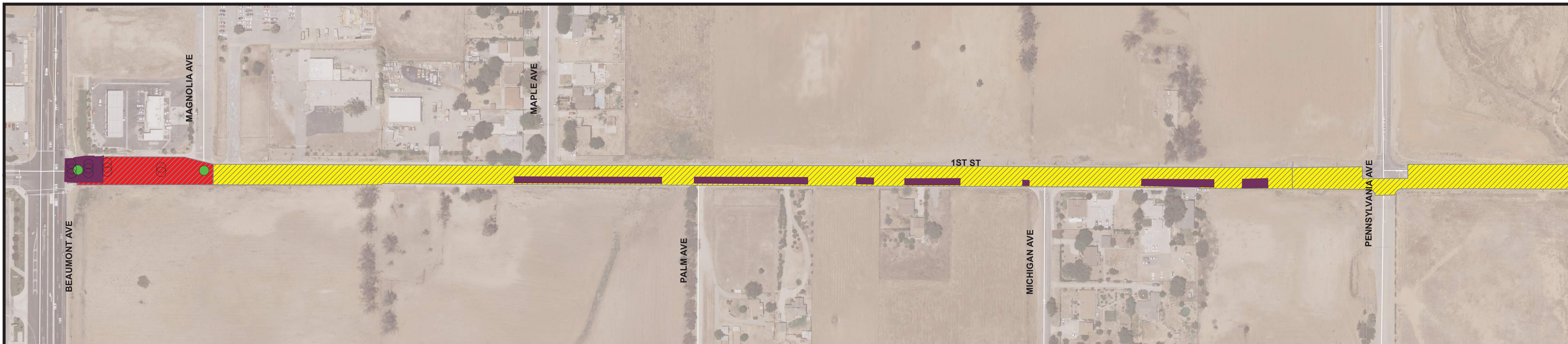
- Treatment Type**
- Mill & Overlay
 - ARAM Cape Seal
 - Slurry Seal



CITY OF BEAUMONT
20/21 Annual Street Projects - Oak Valley Parkway (Oak View to Beaumont)
PUBLIC WORKS DEPARTMENT

Date Created: 6/17/21





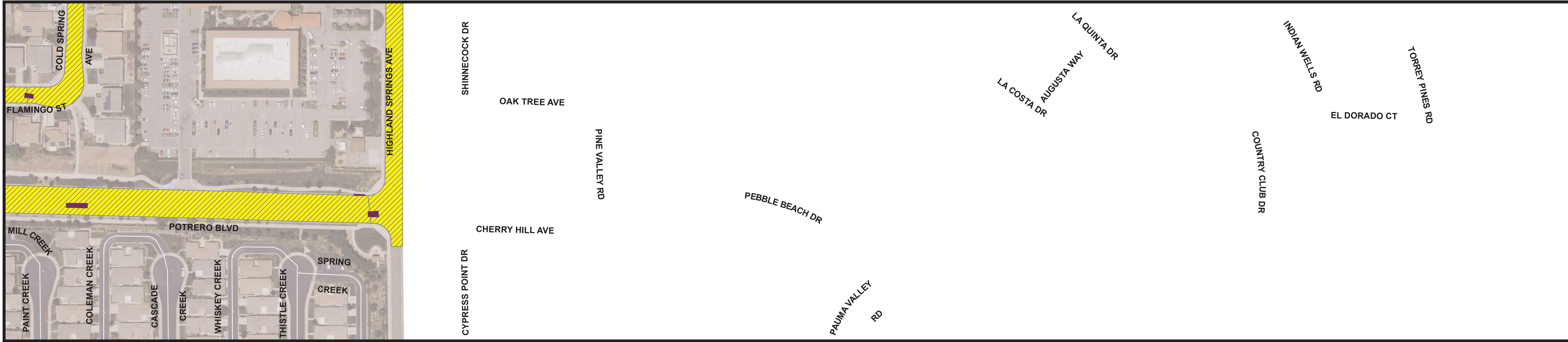
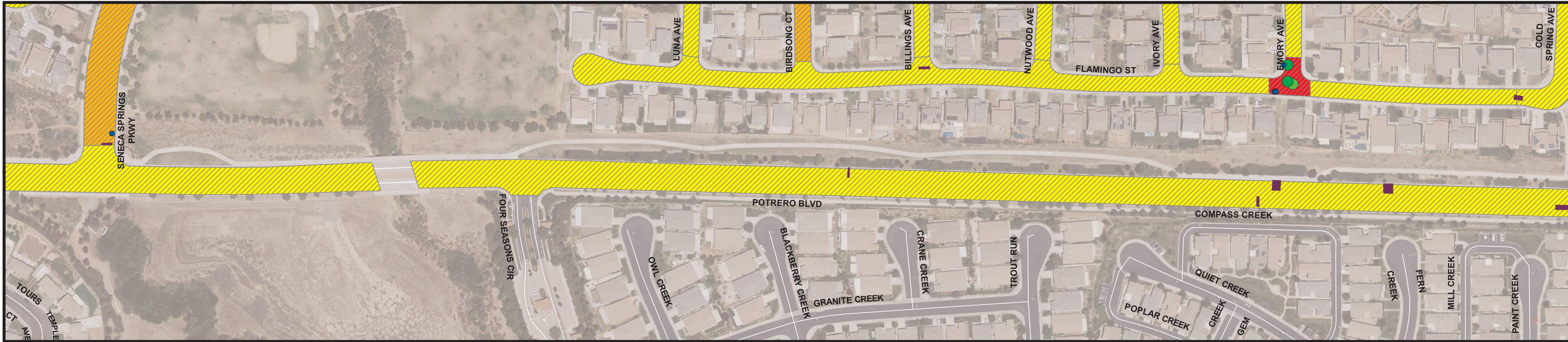
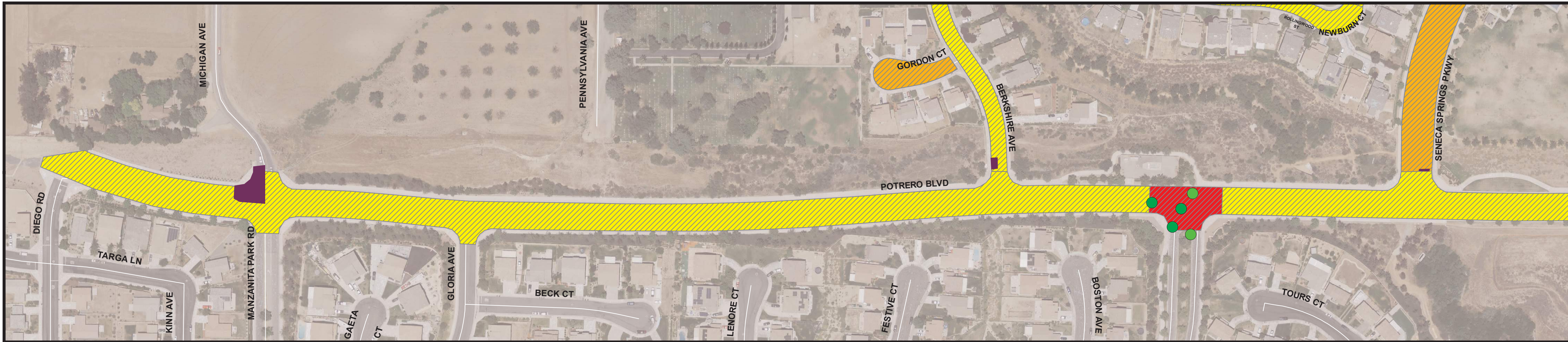
- LEGEND**
- Signal_loop
 - Storm Drain Manhole
 - Sewer Manhole
 - Dig Out
- R-03 & 04 Streets**
- Treatment Type**
- Mill & Overlay
 - ARAM Cape Seal
 - Slurry Seal



CITY OF BEAUMONT
20/21 Annual Street Projects - First Street (Beaumont Ave to Highland Springs)
PUBLIC WORKS DEPARTMENT

Date Created: 6/17/21

Public Works Department
 550 E. 6th Street
 Beaumont, CA 92223
 (951) 769-8522
 www.beaumontca.gov



LEGEND

- Signal_loop
- Storm Drain Manhole
- Sewer Manhole
- Dig Out

R-03 & 04 Streets

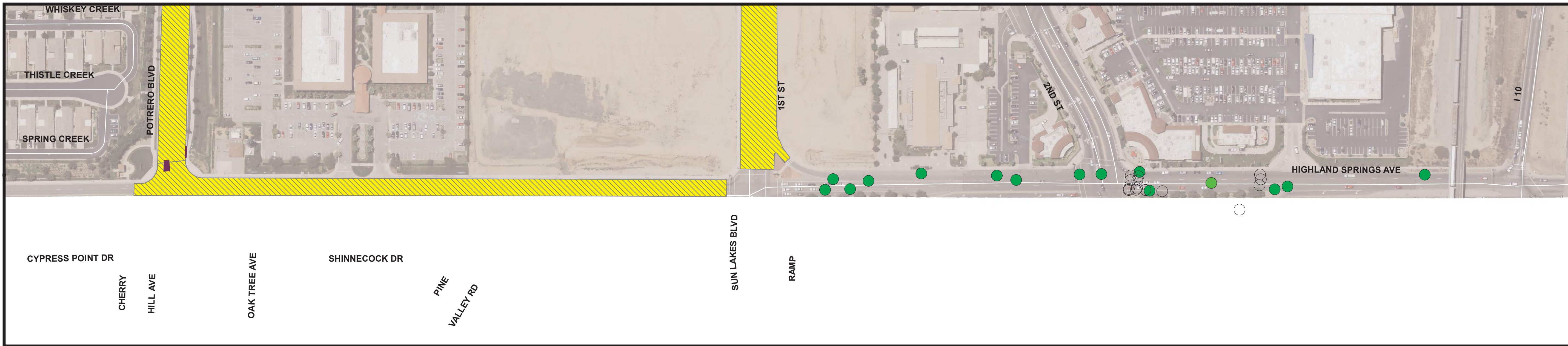
- Treatment Type**
- Mill & Overlay
 - ARAM Cape Seal
 - Slurry Seal



CITY OF BEAUMONT
20/21 Annual Street Projects - Potrero Avenue (Diego Road to Highland Springs)
PUBLIC WORKS DEPARTMENT

Date Created: 6/17/21

Public Works Department
 550 E. 6th Street
 Beaumont, CA 92223
 (951) 769-8522
 www.beaumontca.gov



- LEGEND**
- Signal_loop
 - Storm Drain Manhole
 - Sewer Manhole
 - Dig Out
- R-03 & 04 Streets**
- Treatment Type**
- Mill & Overlay
 - ARAM Cape Seal
 - Slurry Seal



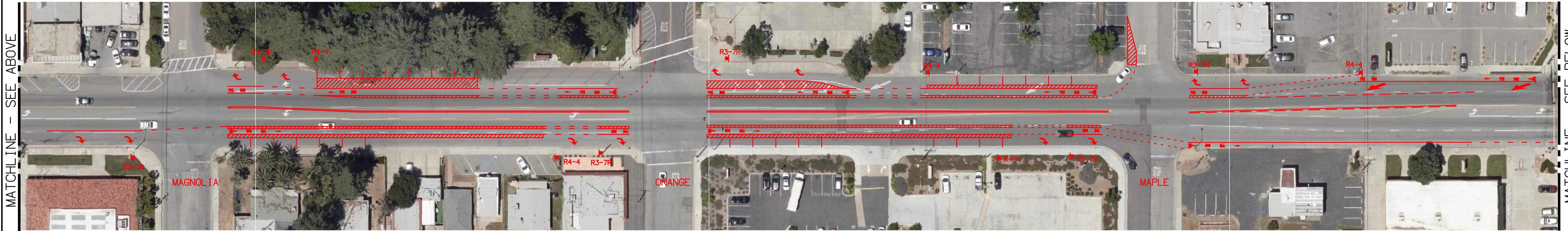
CITY OF BEAUMONT
20/21 Annual Street Projects - Highland Springs Avenue (Potrero to I10)
PUBLIC WORKS DEPARTMENT

Date Created: 6/17/21

Public Works Department
 550 E. 6th Street
 Beaumont, CA 92223
 (951) 769-8522
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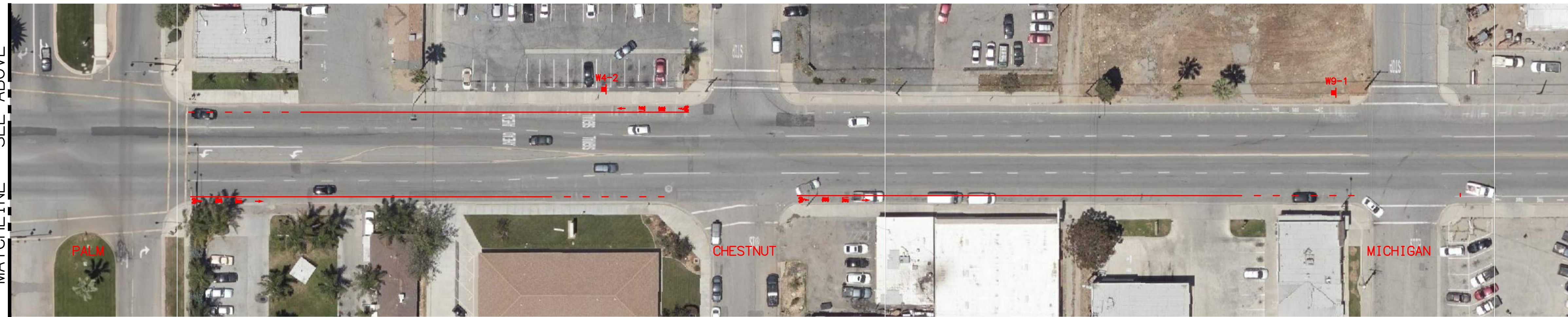


MATCHLINE - SEE BELOW



MATCHLINE - SEE ABOVE

MATCHLINE - SEE BELOW



MATCHLINE - SEE ABOVE



R3-7R



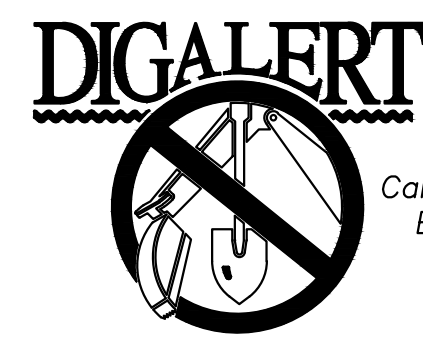
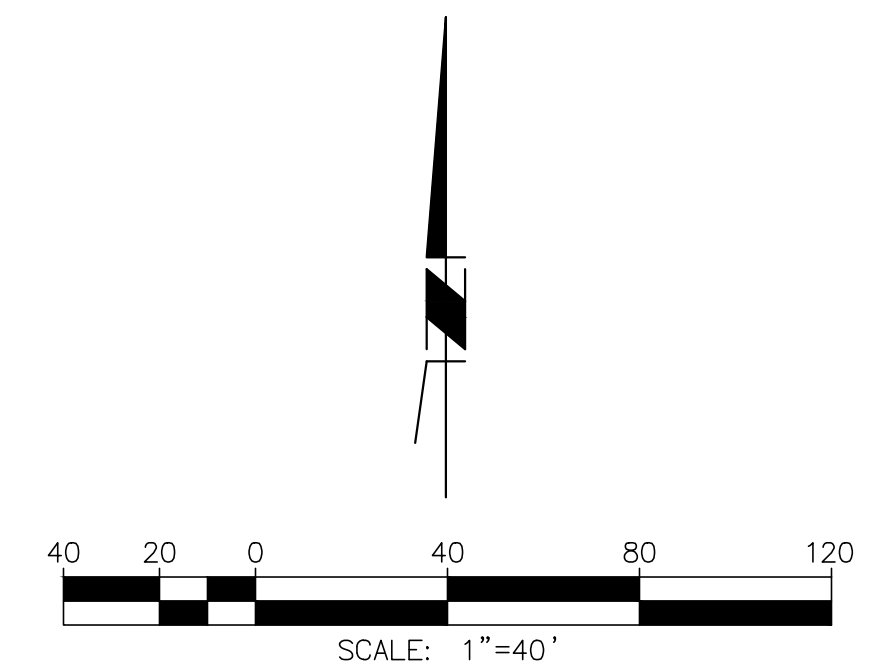
R4-4



W4-2



W9-1



BENCHMARK:
THE TOP OF CURB AT THE POINT OF
CURVATURE AT THE NORTHEAST CORNER
OF THE NORTHWEST CURB RETURN AT
THE INTERSECTION OF HIGHLAND
SPRINGS AVENUE AND 2ND STREET.
ELEV. 2559.03, TBM

BY	MARK	DESCRIPTION	APPR. DATE
ENGINEER		REVISIONS	CITY

DESIGN BY:
RLV
DRAWN BY:
RLV
CHECKED BY:
JH
SCALE:
1"=20'
DATE:
2/12/2020
JOB NUMBER:

REVIEWED BY: _____ DATE: _____
STAFF ENGINEER

RECOMMENDED BY: _____ DATE: _____
PRINCIPAL ENGINEER

APPROVED BY: _____ DATE: _____
CITY ENGINEER

CITY OF BEAUMONT, PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

550 E. 6TH ST
BEAUMONT, CA 92223
TEL: (951) 769-8520
FAX: (951) 769-8506

CITY OF BEAUMONT, CALIFORNIA
STRIPING EXHIBIT FOR:
6TH STREET
FROM BEAUMONT AVE TO MICHIGAN AVE

SHEET
1
OF 1 SHEETS
FILE NO: