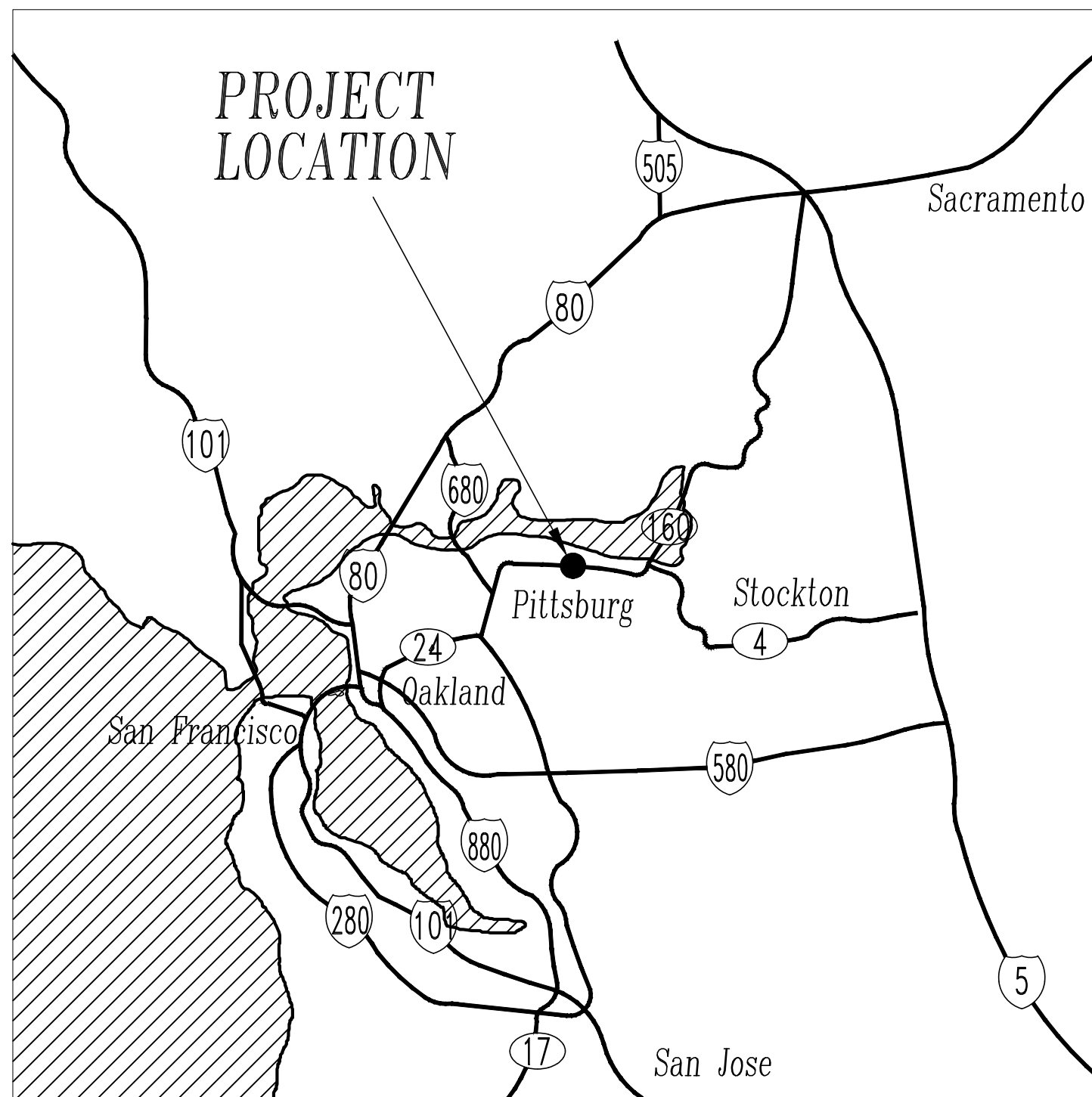


CITY OF PITTSBURG

ENGINEERING DIVISION

PROJECT NO. 2231

WEST LELAND ROAD AND LOVERIDGE ROAD PHASE 2 REHABILITATION PROJECT FEDERAL AID PROJECT NO. STPL 5127 (041)

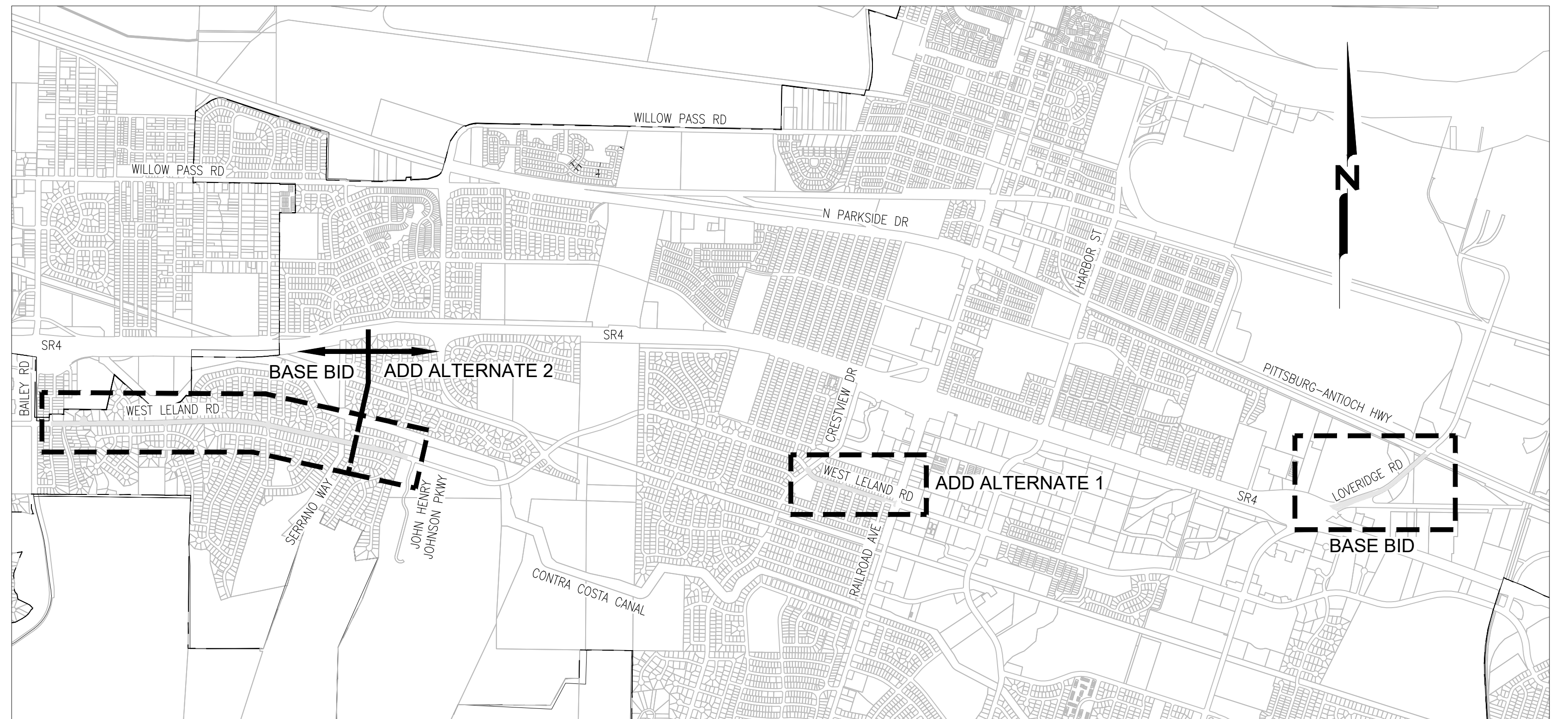


LOCATION MAP
N.T.S.

**THE CITY COUNCIL
OF THE CITY OF PITTSBURG**

SHANELLE SCALES-PRESTON, MAYOR
JUAN ANTONIO BANALES, VICE-MAYOR
DIONNE ADAMS, COUNCIL MEMBER
ANGELICA LOPEZ, COUNCIL MEMBER
JELANI KILLINGS, COUNCIL MEMBER

GARRETT EVANS, CITY MANAGER
ALICE EVENSON, CITY CLERK
JOHN SAMUELSON, PUBLIC WORKS
DIRECTOR/CITY ENGINEER



VICINITY MAP
1" = 1500'

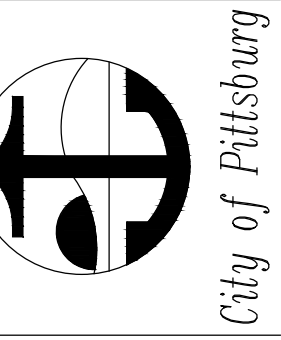
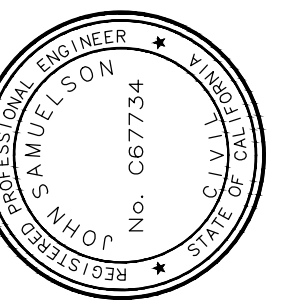
SHEET INDEX		
SHEET NO.	DWG NO.	DESCRIPTION
1	G1	TITLE SHEET
2	C2	NOTES, LEGENDS, AND ABBREVIATIONS
3	G3	CORE SUMMARY
4	C1	IMPROVEMENT PLAN - LELAND ROAD "L1" 41+00 TO "L1" 48+50
5	C2	IMPROVEMENT PLAN - LELAND ROAD "L1" 48+50 TO "L1" 56+50
6	C3	IMPROVEMENT PLAN - LELAND ROAD "L1" 56+50 TO "L1" 64+50
7	C4	IMPROVEMENT PLAN - LELAND ROAD "L1" 64+50 TO "L1" 72+50
8	C5	IMPROVEMENT PLAN - LELAND ROAD "L1" 72+50 TO "L1" 80+50
9	C6	IMPROVEMENT PLAN - LELAND ROAD "L1" 80+50 TO "L1" 88+50
10	C7	IMPROVEMENT PLAN - LELAND ROAD "L1" 88+50 TO "L1" 96+50
11	C8	IMPROVEMENT PLAN - LELAND ROAD "L1" 96+50 TO "L1" 104+00
12	C9	IMPROVEMENT PLAN - LELAND ROAD "L1" 176+00 TO "L1" 180+50
13	C10	IMPROVEMENT PLAN - LELAND ROAD "L1" 180+50 TO "L1" 188+50
14	C11	IMPROVEMENT PLAN - LELAND ROAD "L1" 188+50 TO "L1" 193+00
15	C12	IMPROVEMENT PLAN - LOVERIDGE ROAD "L2" 9+50 TO "L2" 17+50
16	C13	IMPROVEMENT PLAN - LOVERIDGE ROAD "L2" 17+50 TO "L2" 25+50
17	C14	IMPROVEMENT PLAN - LOVERIDGE ROAD "L2" 25+50 TO "L2" 32+00

SHEET INDEX		
SHEET NO.	DWG NO.	DESCRIPTION
18	C15	STRIPING PLAN - LELAND ROAD "L1" 41+00 TO "L1" 48+50
19	C16	STRIPING PLAN - LELAND ROAD "L1" 48+50 TO "L1" 56+50
20	C17	STRIPING PLAN - LELAND ROAD "L1" 56+50 TO "L1" 64+50
21	C18	STRIPING PLAN - LELAND ROAD "L1" 64+50 TO "L1" 72+50
22	C19	STRIPING PLAN - LELAND ROAD "L1" 72+50 TO "L1" 80+50
23	C20	STRIPING PLAN - LELAND ROAD "L1" 80+50 TO "L1" 88+50
24	C21	STRIPING PLAN - LELAND ROAD "L1" 88+50 TO "L1" 96+50
25	C22	STRIPING PLAN - LELAND ROAD "L1" 96+50 TO "L1" 104+00
26	C23	STRIPING PLAN - LELAND ROAD "L1" 176+00 TO "L1" 180+50
27	C24	STRIPING PLAN - LELAND ROAD "L1" 180+50 TO "L1" 188+50
28	C25	STRIPING PLAN - LELAND ROAD "L1" 188+50 TO "L1" 193+00
29	C26	STRIPING PLAN - LOVERIDGE ROAD "L2" 9+50 TO "L2" 17+50
30	C27	STRIPING PLAN - LOVERIDGE ROAD "L2" 17+50 TO "L2" 25+50
31	C28	STRIPING PLAN - LOVERIDGE ROAD "L2" 25+50 TO "L2" 32+00
32	D1	CIVIL DETAILS 1
33	D2	CIVIL DETAILS 2
34	D3	CIVIL DETAILS 3

REVIEWED FOR CONFORMANCE WITH THE CITY OF PITTSBURG STANDARDS AND REQUIREMENTS. APPROVAL FOR CONSTRUCTION IS SUBJECT TO THE INFORMATION SHOWN HEREIN. CITY OF PITTSBURG AND THE UNDERSIGNED ARE NOT RESPONSIBLE FOR ANY ERRORS OR OMISSIONS THAT MAY EXIST ON THESE PLANS.

JOHN SAMUELSON
PUBLIC WORKS DIRECTOR/CITY ENGINEER
R.C.E. NO. 67734

DATE



TITLE SHEET

FEDERAL AID PROJECT #STPL 5127 (041), PROJECT #2231, WEST LELAND ROAD AND LOVERIDGE ROAD PHASE 2 REHABILITATION PROJECT

BY:	
CHECKED:	
REVIEWED:	
DATE:	
SCALE:	N/A

DATE	REV	DESCRIPTION

SHEET NO.
1 OF 34

DWG. NO.

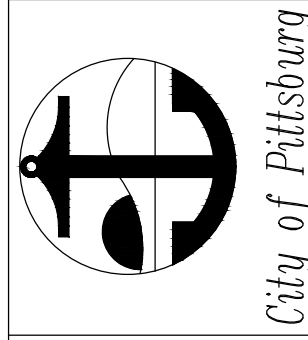
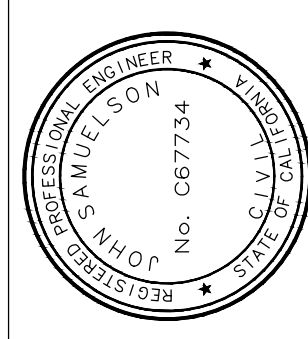
G1

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CORE SUMMARY													
STREET NAME	Begin Location	End Location	No. of Cores	Core No. (1)	Direction	Lane	Asphalt Layer			Aggregate Base	Subgrade		
							DEPTH TO FABRIC (IN)	DEPTH TO OVERLAY (IN)	TOTAL THICKNESS (IN)		TOTAL THICKNESS (IN) (2)	MOISTURE CONTENT (%)	PLASTICITY INDEX (PI) (3)
W LELAND RD	BROADWAY AVE	CHESTNUT DR	4	LEL-1	EB	2	NONE	1.8	5.3	PRESENT			
				LEL-2	EB	1	NONE	0.7, 3.0, 5.8	6.7	8.6			
				LEL-55	WB	2	NONE	1.9, 2.6	5.2	6.1			
				LEL-56	WB	1	2.8	2.8, 3.8	5.8	PRESENT			
	CHESTNUT DR	SUGARTREE DR	3	LEL-4	EB	2	NONE	2.1	5.4	7.8			
				LEL-5	EB	1	2.5	0.5, 2.5, 3.8	5.1	PRESENT			
				LEL-53	WB	2	NONE	2.8	5.6	10.2*	16.7	10	39
	SUGARTREE DR	JACQUELINE DR	3	LEL-7	EB	1	2.6	2.6, 4.3	5.4	8.8			
				LEL-8	EB	2	NONE	0.7, 1.6, 2.6	4.7	9.3	17.3	28	12
				LEL-51	WB	2	NONE	2.9	5.4	8.4			
	JACQUELINE DR	SERRANO WAY	4	LEL-10	EB	2	NONE	2.2	5.2	PRESENT			
				LEL-11	EB	1	2.6	2.6	5.1	10.7			
				LEL-48	WB	2	NONE	2.6	5.3	10.0*	15.8	16	14
				LEL-50	WB	1	2.5	2.5	5.7	12.5			
	SERRANO WAY	JOHN H JOHNSON PKWY	3	LEL-13	EB	1	2.6	2.6	5.6	11.0			
				LEL-45	WB	2	NONE	2.5	6.4	6.4			
LEL-47				WB	1	2.8	2.8	5.7	12.0*	18.2	31	15	
CRESTVIEW DR	RAILROAD AVE	4	LEL-28	EB	2	NONE	2.2, 4.0	5.7	PRESENT				
			LEL-31	WB	1	NONE	3.0, 5.4, 8.1, 9.7	11.7	NONE				
			LEL-32	WB	2	NONE	2.4, 4.0, 5.4, 7.2	9.6	3.6*	18.6	44	15	
			LEL-33	WB	2	NONE	2.5, 4.3, 6.3	7.3	5.2				
LOVERIDGE RD	SR4	PITTSBURG-ANTIOCH HWY	4	LOV-1	SB	1	4.8	0.5, 2.6, 4.8, 5.8	8.1	CTB (4)			
				LOV-3	SB	2	NONE	0.4, 1.2, 1.5, 2.6, 5.1	7.4	7.5			
				LOV-15	NB	1	NONE	1.1, 4.4, 6.3	8.7	12.7*	7.9	21	21
				LOV-16	NB	1	4.7	3.0, 4.4, 4.7, 6.3, 7.9	9.5	7.8			

- (1) CORE NUMBERS ARE NOT NUMERICALLY SEQUENTIAL SINCE OPTIONAL CORE LOCATIONS WERE INCLUDED IN THE NUMBERING SYSTEM SHOULD ANY IDENTIFIED CORE LOCATIONS BE DEEMED UNSUITABLE FOR CORING DUE TO UTILITY INTERFERENCE OR OTHER OBSTRUCTIONS.
- (2) AGGREGATE BASE THICKNESS WAS MEASURED AT ALL BULK SAMPLE LOCATIONS (IDENTIFIED WITH AN *), ALL OTHER AGGREGATE BASE THICKNESSES WERE ESTIMATED FROM DYNAMIC CONE PENETROMETER TESTING.
- (3) NP: NON-PLASTIC
- (4) CTB: CEMENT-TREATED BASE

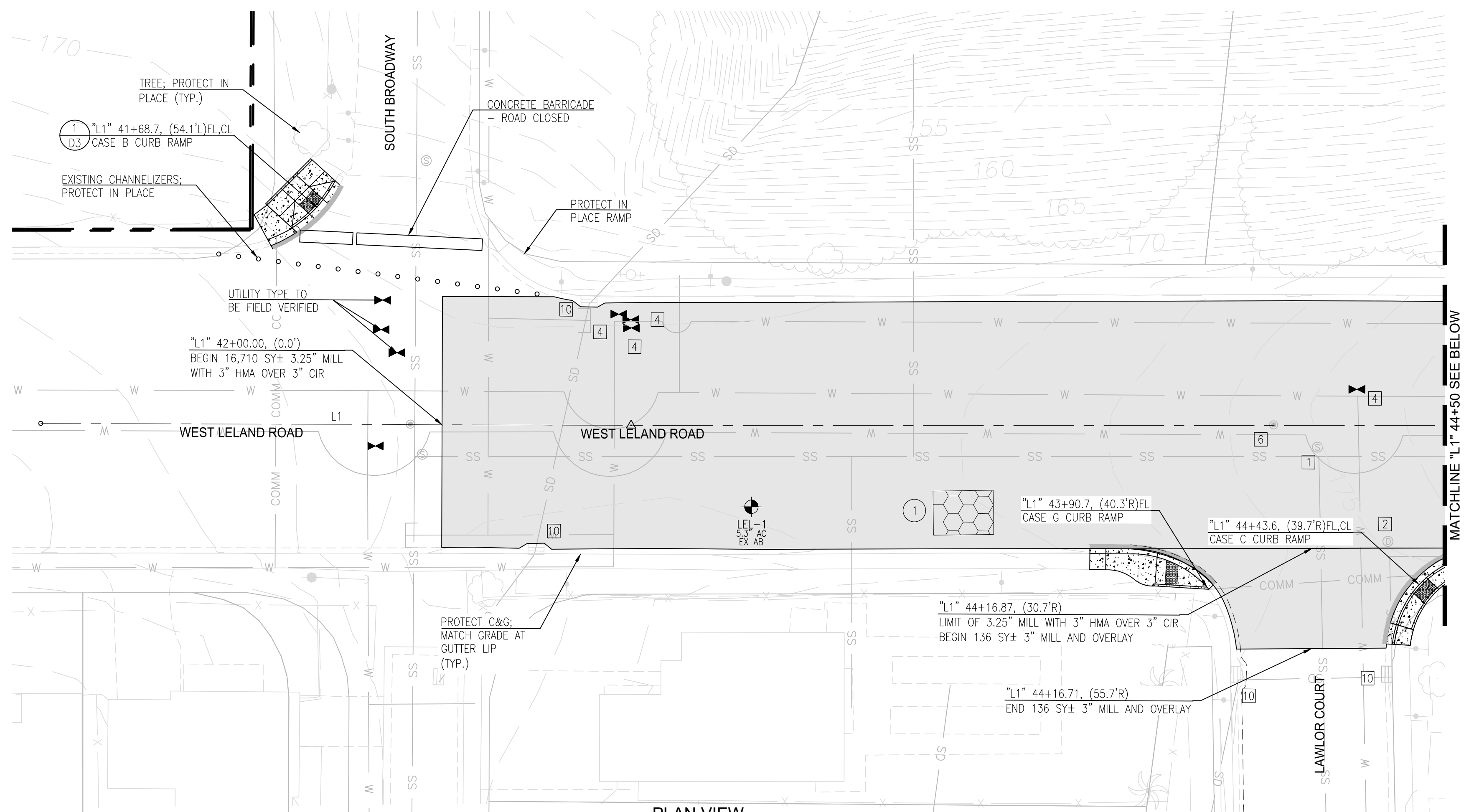
PAVEMENT TREATMENT TABLE								
BASE BID / ADD ALTERNATE	STREET NAME	BEGIN LOCATION	END LOCATION	TREATMENT	BEGIN STATION	END STATION	LENGTH (FT)	AREA (SY)
BASE BID	W LELAND ROAD	BROADWAY AVENUE	SUGARTREE DRIVE	3" MILL WITH 3" HMA OVERLAY WITH POTENTIAL ADDITIONAL 3" MILL WITH 3" HMA TO BE IDENTIFIED BY THE ENGINEER	42+00	66+57.75	2458	18,153
	W LELAND ROAD	SUGARTREE DRIVE	JACQUELINE DRIVE	3" MILL WITH 3" HMA OVERLAY WITH POTENTIAL ADDITIONAL 3" MILL WITH 3" HMA TO BE IDENTIFIED BY THE ENGINEER	66+57.75	79+32.66	1275	9,343
	W LELAND ROAD	JACQUELINE DRIVE	SERRANO WAY	3" MILL WITH 3" HMA OVERLAY WITH POTENTIAL ADDITIONAL 3" MILL WITH 3" HMA TO BE IDENTIFIED BY THE ENGINEER	79+32.66	94+19.98	1487	10,599
	LOVERIDGE ROAD	STATE ROUTE 4	PITTSBURG-ANTIOCH HIGHWAY	4" MILL WITH 4" HMA OVERLAY WITH POTENTIAL ADDITIONAL 4" MILL WITH 4" HMA TO BE IDENTIFIED BY THE ENGINEER	12+70.28	31+06.50	1836	14,679
ADD ALTERNATE 1	W LELAND ROAD	CRESTVIEW DRIVE	RAILROAD AVENUE	3" MILL WITH 3" HMA OVERLAY WITH POTENTIAL ADDITIONAL 3" MILL WITH 3" HMA TO BE IDENTIFIED BY THE ENGINEER	176+16.92	192+73.96	1657	9,980
ADD ALTERNATE 2	W LELAND ROAD	SERRANO WAY	JOHN H JOHNSON PARKWAY	3" MILL WITH 3" HMA OVERLAY WITH POTENTIAL ADDITIONAL 3" MILL WITH 3" HMA TO BE IDENTIFIED BY THE ENGINEER	94+19.98	102+89.45	869	6,260



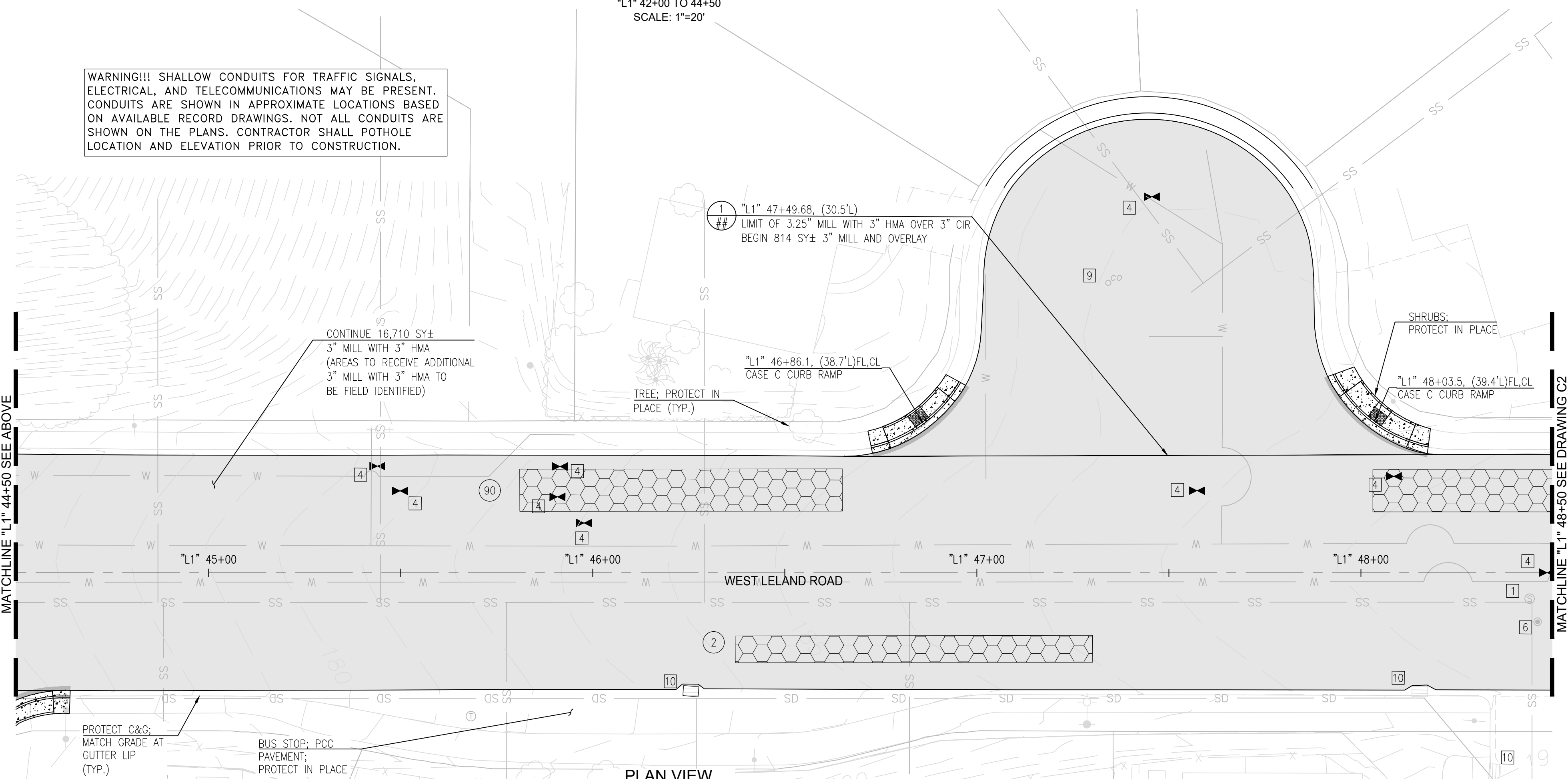
CORE SUMMARY
 FEDERAL AID PROJECT #STPL 5127 (041), PROJECT #2231, WEST LELAND ROAD AND LOVERIDGE ROAD PHASE 2 REHABILITATION PROJECT

BY	DRAWN:	CHECKED:	REVIEWED:	DATE:	SCALE: N/A
DESCRIPTION					
DATE	REV				
SHEET NO. 3 OF 34					
DWG. NO. G3					

FILE: I:\MURPHYS\8800_BLDG & CONSTRUCTION\803_CONSTRUCTION_PROJECTS\02_CITY\2020_Contracts\2020-07_08\AG 11 Pavement Improvement\2 Design\06_Reports, Studies, Plans & Specs\East\04_C1 - Improvement - Leland Road.dwg | Layout: C1 | Printed: Oct 20, 2023 @ 1:32pm | ID: 71.24.34 (LMS Tech)



PLAN VIEW
 "L1" 42+00 TO 44+50
 SCALE: 1"=20'



PLAN VIEW
 "L1" 44+50 TO 48+50
 SCALE: 1"=20'

WARNING!!! SHALLOW CONDUITS FOR TRAFFIC SIGNALS, ELECTRICAL, AND TELECOMMUNICATIONS MAY BE PRESENT. CONDUITS ARE SHOWN IN APPROXIMATE LOCATIONS BASED ON AVAILABLE RECORD DRAWINGS. NOT ALL CONDUITS ARE SHOWN ON THE PLANS. CONTRACTOR SHALL POT-HOLE LOCATION AND ELEVATION PRIOR TO CONSTRUCTION.

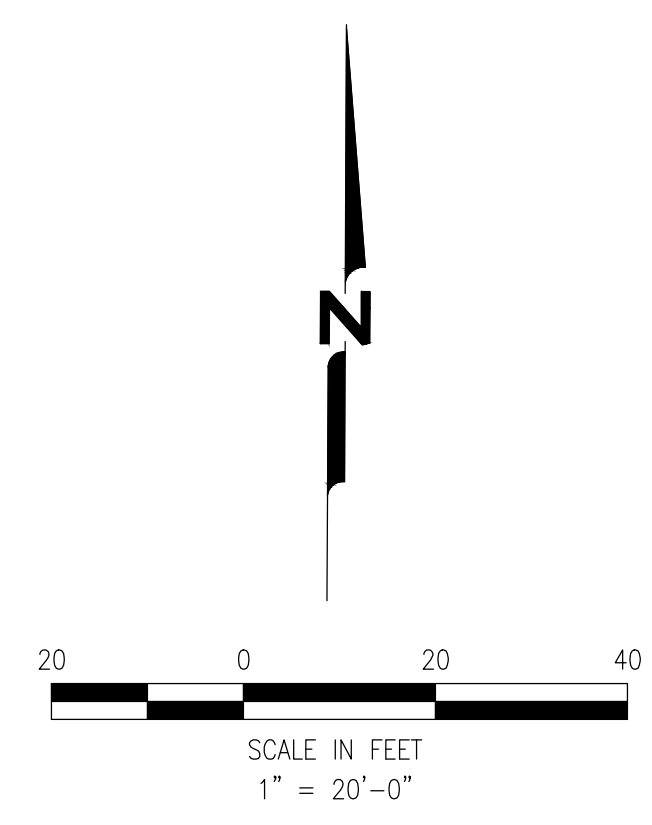
UTILITY KEYNOTES:

- 1 ADJUST SANITARY SEWER MANHOLE FRAME AND COVER TO GRADE (CITY OWNED); SEE DETAIL 3/D2.
- 2 ADJUST STORM DRAIN MANHOLE FRAME AND COVER TO GRADE (CITY OWNED); SEE DETAIL 1/D2.
- 3 ADJUST COMMUNICATIONS MANHOLE COVERS TO GRADE (AT&T OWNED); SEE DETAIL 1/D2.
- 4 ADJUST WATER VALVE COVERS TO GRADE (CITY OWNED); SEE DETAIL 2/D2.
- 5 ADJUST GAS VALVE COVERS TO GRADE (PG&E OWNED); SEE DETAIL 1/D2.
- 6 ADJUST MONUMENT COVERS TO GRADE (CITY OWNED); SEE DETAIL 4/D2.
- 7 ADJUST TRAFFIC SIGNAL COVERS TO GRADE (CITY OWNED); SEE DETAIL 1/D2.
- 8 ADJUST WATER CATHODIC PROTECTION COVERS TO GRADE (CITY OWNED); SEE DETAIL 1/D2.
- 9 ADJUST SANITARY SEWER CLEANOUT COVERS TO GRADE (CITY OWNED) SEE DETAIL 1/D2.
- 10 DRAIN INLET/ CATCH BASIN; PROTECT IN PLACE.

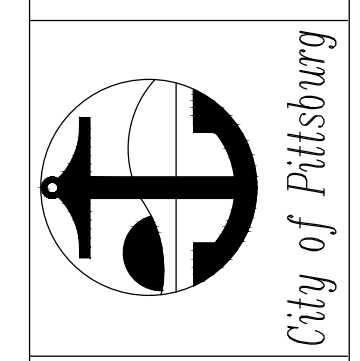
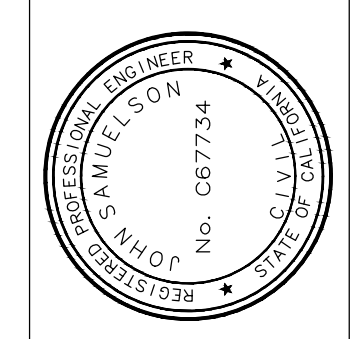
NOTES:

1. AFTER REMOVAL OF STRIPING, MARKERS, OR MARKINGS, TEMPORARY PAVEMENT DELINEATION SHALL BE IMMEDIATELY PLACED PRIOR TO OPENING THE TRAVELED WAY TO PUBLIC TRAFFIC.
2. PROTECT EXISTING CONCRETE VALLEY GUTTERS DURING CONSTRUCTION EXCEPT AS NOTED.
3. SAWCUT PAVEMENT AT LIMIT OF WORK.
4. CONCRETE REPAIR LOCATIONS ARE MARKED IN THE FIELD WITH WHITE PAINT. ALL CONCRETE WORK AND HMA PUG ADJACENT TO CONCRETE WORK SHALL BE COMPLETED PRIOR TO THE PAVING WORK.
5. ENGINEER AND CONTRACTOR SHALL MARK BASE REPAIRS IN THE FIELD TOGETHER, DURING WHICH THE ENGINEER AND CONTRACTOR SHALL RECORD THE AGREED UPON DIMENSIONS FOR EACH BASE REPAIR AT EACH LOCATION.
6. FOR GENERAL NOTES SEE DRAWING G2.
7. UNDERGROUND UTILITIES SHOWN ARE BASED ON AVAILABLE RECORD DRAWINGS. NOT ALL UNDERGROUND UTILITIES ARE SHOWN ON THE PLANS. CONTRACTOR SHALL POT-HOLE UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION. IF SHALLOW UTILITIES ARE ENCOUNTERED AND ARE IN CONFLICT WITH CONSTRUCTION, CONTRACTOR SHALL NOTIFY THE ENGINEER.

POTENTIAL BASE REPAIR (3" DEPTH)			
NUMBER	LENGTH (FT)	WIDTH (FT)	AREA (FT)
1	11	15	165
2	93	7	651
90	84	11	924
LELAND ROAD ESTIMATED TOTAL AREA (SF)			1,740
ESTIMATED TOTAL AREA (15% CONTINGENCY) (SF)			2,001



HORIZONTAL ALIGNMENT- "L1"						
#	POT STATION OR PI STATION	NORTHING	EASTING	RADIUS	DISTANCE	Δ OR BEARING
L1	41+00.00	2,195,379.11	6,146,462.78		147.12	N89° 55' 06"E
L2	42+47.12	2,195,379.32	6,146,609.90		1,526.51	N89° 43' 32"E
C1	58+06.11	2,195,386.63	6,148,136.39	2,000.00	64.95	Δ RT 001° 51' 38"
L3	58+38.58	2,195,388.00	6,148,201.32		1,126.82	N87° 51' 53"E
C2	74+51.52	2,195,429.98	6,149,327.36	3,800.00	967.01	Δ RT 014° 34' 49"
L4	79+32.40	2,195,343.33	6,150,287.85		1,988.07	S77° 33' 18"E
C3	100+12.20	2,194,914.89	6,152,229.21	2,000.00	183.33	Δ RT 005° 15' 07"
L5	101+03.80	2,194,867.24	6,152,406.17		1,513.08	S72° 18' 10"E
C4	119+91.69	2,194,407.29	6,153,847.65	700.00	688.24	Δ RT 056° 20' 00"
L6	123+05.12	2,194,527.37	6,154,497.50		715.10	N51° 21' 50"E
C5	133+02.26	2,194,973.86	6,155,056.08	1,410.00	556.74	Δ RT 022° 37' 23"
L7	135+76.96	2,195,227.76	6,155,547.49		193.58	N73° 59' 13"E
C6	140+00.36	2,195,281.16	6,155,733.56	3,500.00	458.99	Δ RT 007° 30' 50"
L8	142+29.53	2,195,436.30	6,156,165.19		229.17	N66° 28' 24"E
C7	147+07.02	2,195,527.78	6,156,375.31	660.00	475.03	Δ RT 041° 14' 17"
L9	149+33.72	2,195,551.36	6,156,839.55		2,378.04	S72° 17' 19"E
C8	174+06.49	2,194,827.91	6,159,104.88	300.00	183.49	Δ RT 035° 02' 42"
L10	174+95.26	2,194,723.69	6,159,252.43		221.40	S37° 14' 38"E
C9	178+11.29	2,194,547.44	6,159,386.43	300.00	183.31	Δ RT 035° 00' 38"
L11	178+99.98	2,194,443.28	6,159,533.81		1,550.02	S72° 15' 16"E



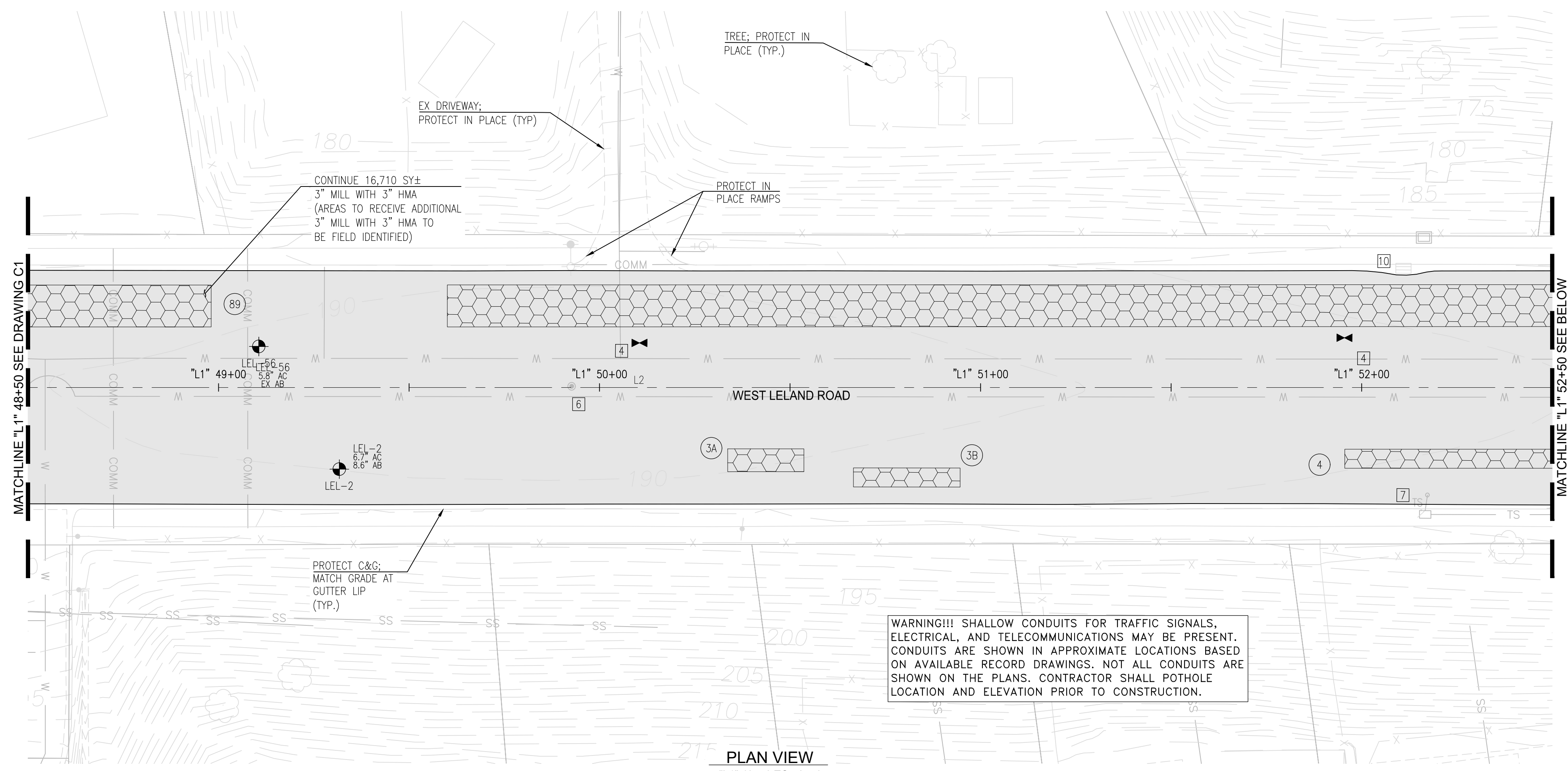
IMPROVEMENT PLAN -
LELAND ROAD "L1" 41+00 TO
"L1" 48+50
 FEDERAL AID PROJECT #STPL 5127 (041), PROJECT
 #2231, WEST LELAND ROAD AND LOVERIDGE ROAD PHASE
 2 REHABILITATION PROJECT

DATE	REV	DESCRIPTION	BY	DRAWN:	CHECKED:	REVIEWED:	DATE:	SCALE:
								N/A

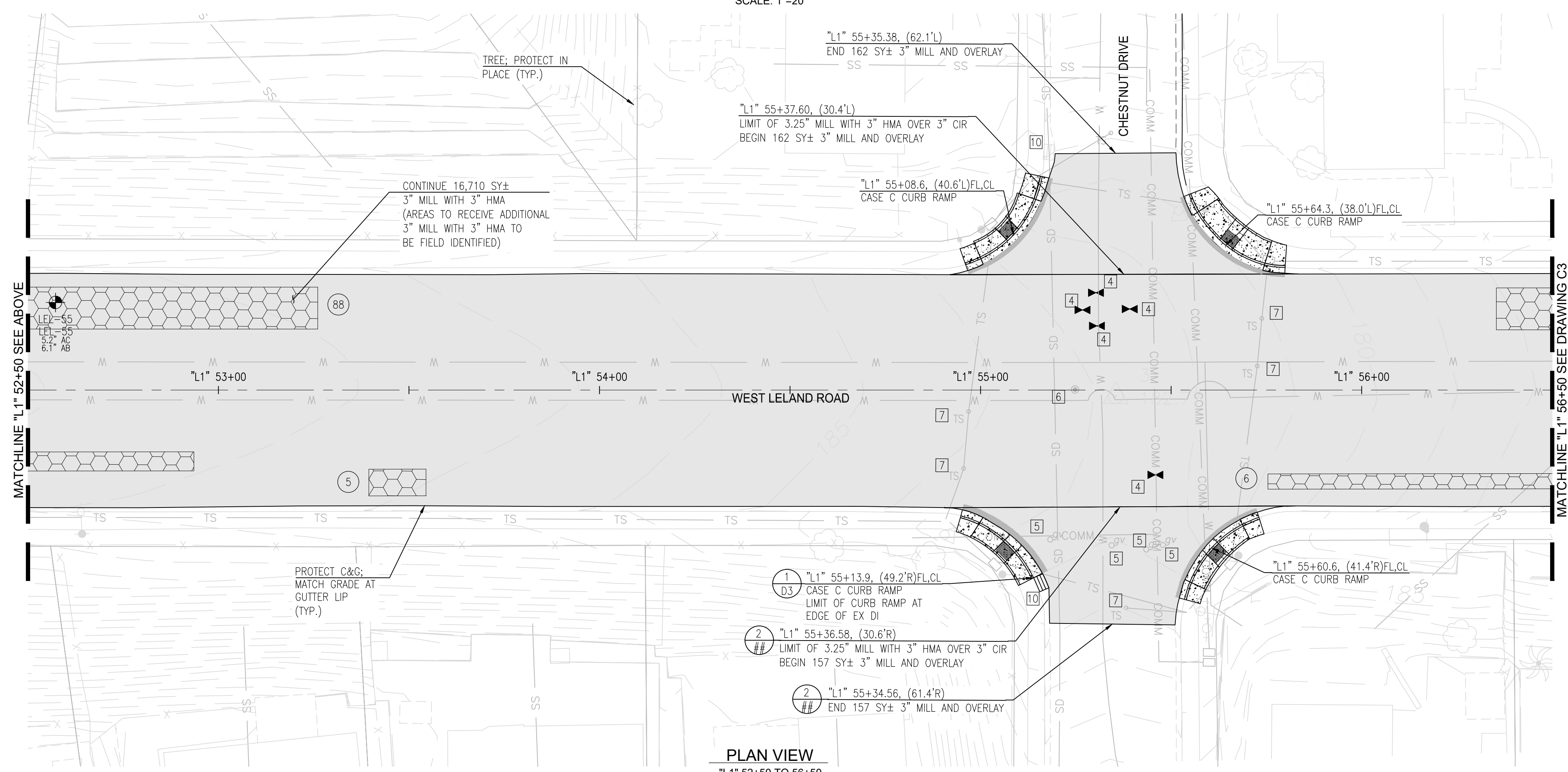
SHEET NO.
 4 OF 34
 DWG. NO.
C1



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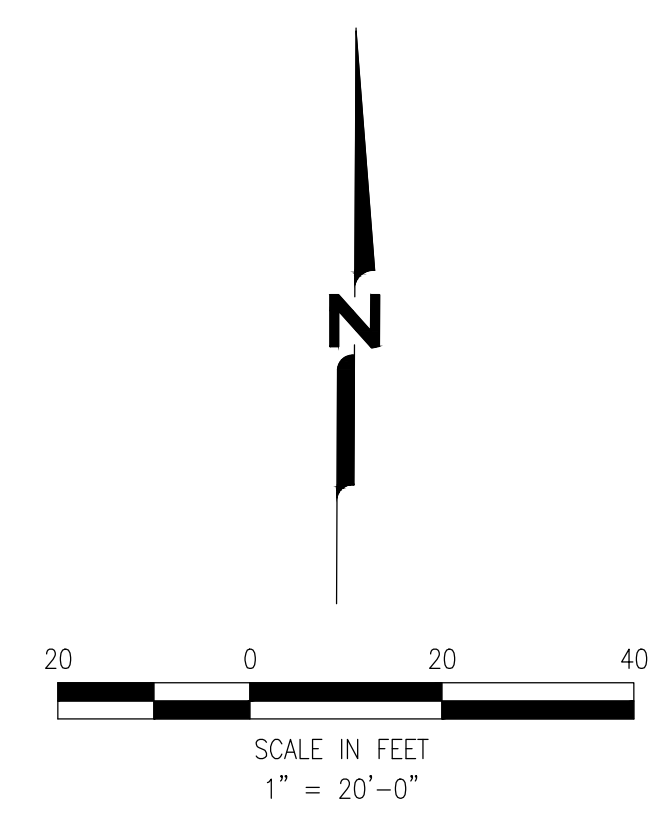


PLAN VIEW
 "L1" 48+50 TO 52+50
 SCALE: 1"=20'



PLAN VIEW
 "L1" 52+50 TO 56+50
 SCALE: 1"=20'

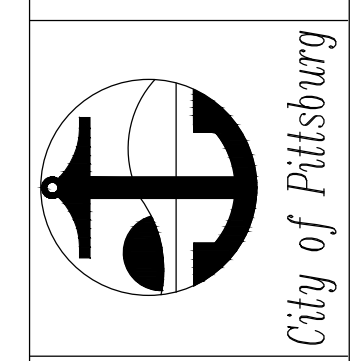
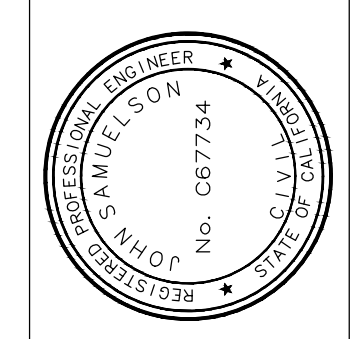
WARNING!!! SHALLOW CONDUITS FOR TRAFFIC SIGNALS, ELECTRICAL, AND TELECOMMUNICATIONS MAY BE PRESENT. CONDUITS ARE SHOWN IN APPROXIMATE LOCATIONS BASED ON AVAILABLE RECORD DRAWINGS. NOT ALL CONDUITS ARE SHOWN ON THE PLANS. CONTRACTOR SHALL POTHOLE LOCATION AND ELEVATION PRIOR TO CONSTRUCTION.



- NOTES:**
- AFTER REMOVAL OF STRIPING, MARKERS, OR MARKINGS, TEMPORARY PAVEMENT DELINEATION SHALL BE IMMEDIATELY PLACED PRIOR TO OPENING THE TRAVELED WAY TO PUBLIC TRAFFIC.
 - PROTECT EXISTING CONCRETE VALLEY GUTTERS DURING CONSTRUCTION EXCEPT AS NOTED.
 - SAWCUT PAVEMENT AT LIMIT OF WORK.
 - CONCRETE REPAIR LOCATIONS ARE MARKED IN THE FIELD WITH WHITE PAINT. ALL CONCRETE WORK AND HMA PLUG ADJACENT TO CONCRETE WORK SHALL BE COMPLETED PRIOR TO THE PAVING WORK.
 - ENGINEER AND CONTRACTOR SHALL MARK BASE REPAIRS IN THE FIELD TOGETHER, DURING WHICH THE ENGINEER AND CONTRACTOR SHALL RECORD THE AGREED UPON DIMENSIONS FOR EACH BASE REPAIR AT EACH LOCATION.
 - FOR GENERAL NOTES SEE DRAWING G2.
 - UNDERGROUND UTILITIES SHOWN ARE BASED ON AVAILABLE RECORD DRAWINGS. NOT ALL UNDERGROUND UTILITIES ARE SHOWN ON THE PLANS. CONTRACTOR SHALL POTHOLE UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION. IF SHALLOW UTILITIES ARE ENCOUNTERED AND ARE IN CONFLICT WITH CONSTRUCTION, CONTRACTOR SHALL NOTIFY THE ENGINEER.

POTENTIAL BASE REPAIR (3" DEPTH)			
NUMBER	LENGTH (FT)	WIDTH (FT)	AREA (FT)
3A	20	6	120
3B	28	5	140
4	98	5	490
5	15	7	105
6	173	4	692
88	366	11	4,026
89	95	11	1,045
LELAND ROAD ESTIMATED TOTAL AREA (SF)			6,618
ESTIMATED TOTAL AREA (15% CONTINGENCY) (SF)			7,611

- UTILITY KEYNOTES:**
- ADJUST SANITARY SEWER MANHOLE FRAME AND COVER TO GRADE (CITY OWNED); SEE DETAIL 3/D2.
 - ADJUST STORM DRAIN MANHOLE FRAME AND COVER TO GRADE (CITY OWNED); SEE DETAIL 1/D2.
 - ADJUST COMMUNICATIONS MANHOLE COVERS TO GRADE (AT&T OWNED); SEE DETAIL 1/D2.
 - ADJUST WATER VALVE COVERS TO GRADE (CITY OWNED); SEE DETAIL 2/D2.
 - ADJUST GAS VALVE COVERS TO GRADE (PG&E OWNED); SEE DETAIL 1/D2.
 - ADJUST MONUMENT COVERS TO GRADE (CITY OWNED); SEE DETAIL 4/D2.
 - ADJUST TRAFFIC SIGNAL COVERS TO GRADE (CITY OWNED); SEE DETAIL 1/D2.
 - ADJUST WATER CATHODIC PROTECTION COVERS TO GRADE (CITY OWNED); SEE DETAIL 1/D2.
 - ADJUST SANITARY SEWER CLEANOUT COVERS TO GRADE (CITY OWNED) SEE DETAIL 1/D2.
 - DRAIN INLET/ CATCH BASIN; PROTECT IN PLACE.

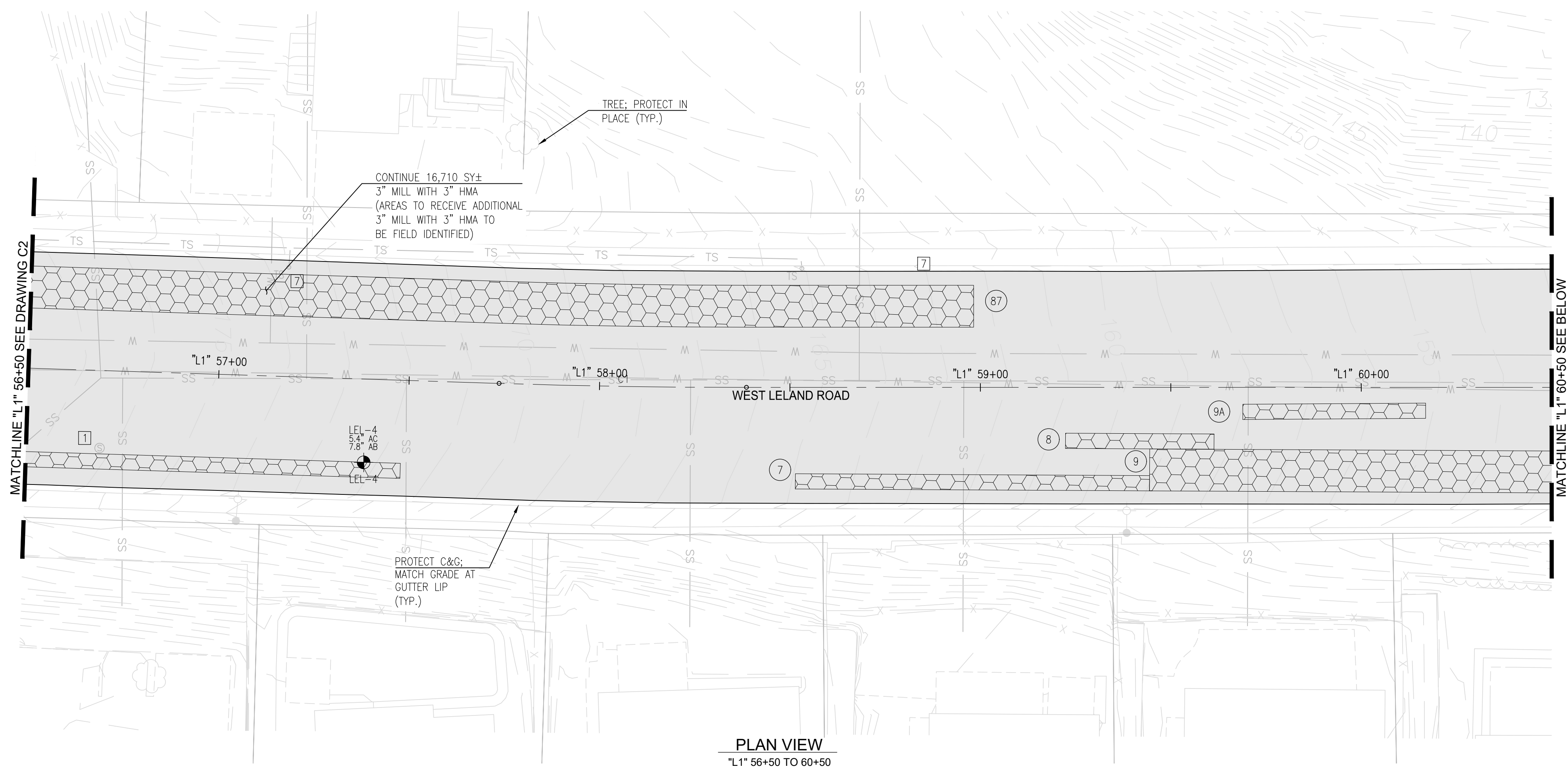


IMPROVEMENT PLAN -
LELAND ROAD "L1" 48+50 TO
"L1" 56+50
 FEDERAL AID PROJECT #STPL 5127 (041), PROJECT #2231, WEST LELAND ROAD AND LOVERIDGE ROAD PHASE 2 REHABILITATION PROJECT

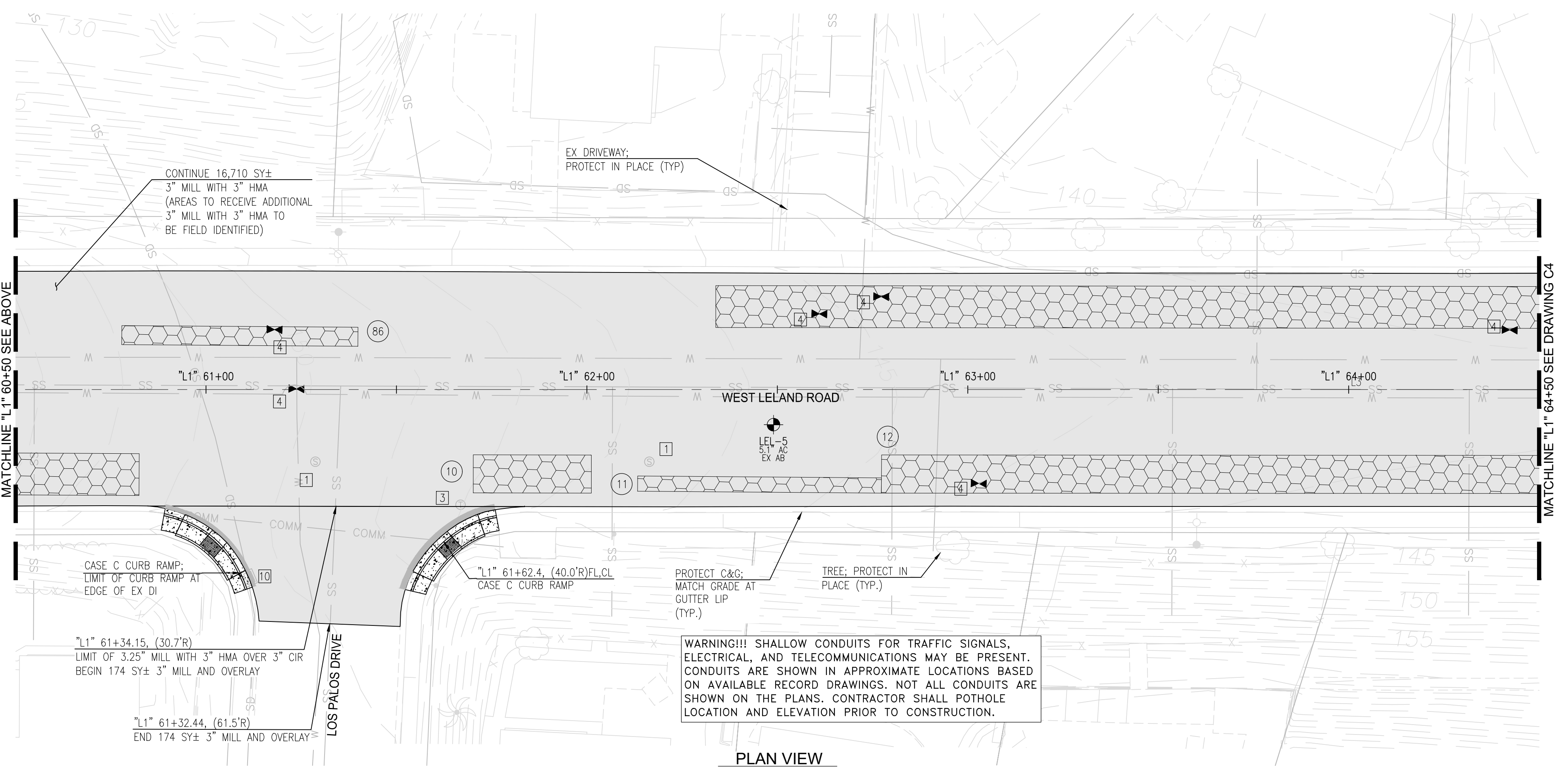
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DWG. NO. C2					



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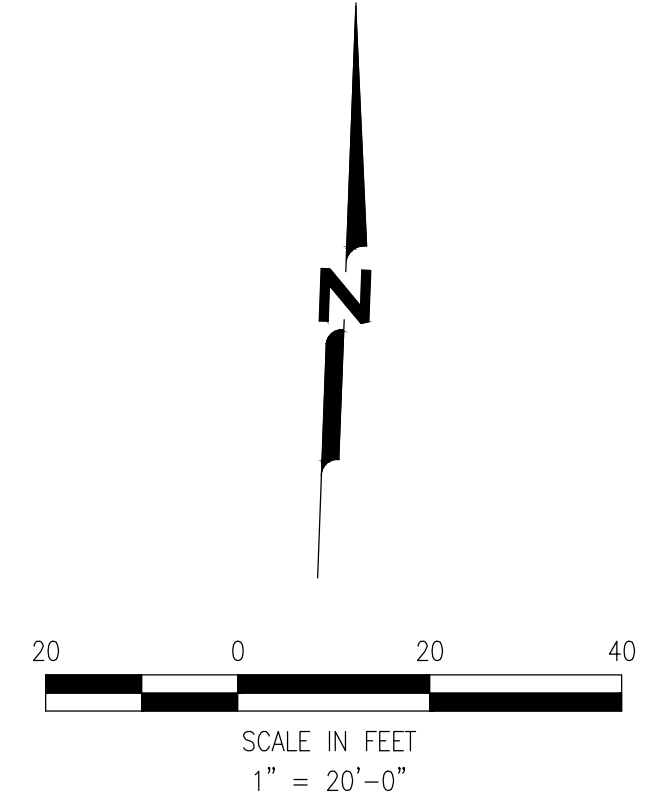


PLAN VIEW
 "L1" 56+50 TO 60+50
 SCALE: 1"=20'



PLAN VIEW
 "L1" 60+50 TO 64+50
 SCALE: 1"=20'

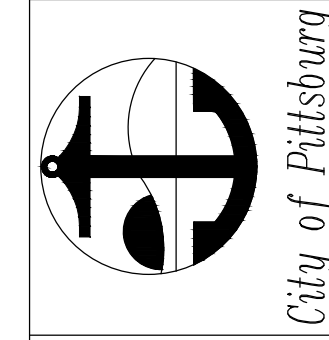
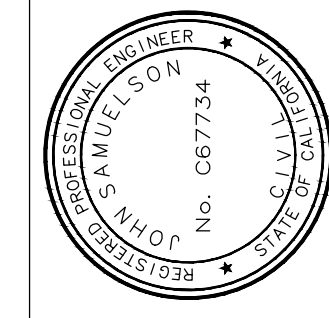
WARNING!!! SHALLOW CONDUITS FOR TRAFFIC SIGNALS, ELECTRICAL, AND TELECOMMUNICATIONS MAY BE PRESENT. CONDUITS ARE SHOWN IN APPROXIMATE LOCATIONS BASED ON AVAILABLE RECORD DRAWINGS. NOT ALL CONDUITS ARE SHOWN ON THE PLANS. CONTRACTOR SHALL POT HOLE LOCATION AND ELEVATION PRIOR TO CONSTRUCTION.



- NOTES:**
- AFTER REMOVAL OF STRIPING, MARKERS, OR MARKINGS, TEMPORARY PAVEMENT DELINEATION SHALL BE IMMEDIATELY PLACED PRIOR TO OPENING THE TRAVELED WAY TO PUBLIC TRAFFIC.
 - PROTECT EXISTING CONCRETE VALLEY GUTTERS DURING CONSTRUCTION EXCEPT AS NOTED.
 - SAWCUT PAVEMENT AT LIMIT OF WORK.
 - CONCRETE REPAIR LOCATIONS ARE MARKED IN THE FIELD WITH WHITE PAINT. ALL CONCRETE WORK AND HMA PLUG ADJACENT TO CONCRETE WORK SHALL BE COMPLETED PRIOR TO THE PAVING WORK.
 - ENGINEER AND CONTRACTOR SHALL MARK BASE REPAIRS IN THE FIELD TOGETHER, DURING WHICH THE ENGINEER AND CONTRACTOR SHALL RECORD THE AGREED UPON DIMENSIONS FOR EACH BASE REPAIR AT EACH LOCATION.
 - FOR GENERAL NOTES SEE DRAWING G2.
 - UNDERGROUND UTILITIES SHOWN ARE BASED ON AVAILABLE RECORD DRAWINGS. NOT ALL UNDERGROUND UTILITIES ARE SHOWN ON THE PLANS. CONTRACTOR SHALL POT HOLE UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION. IF SHALLOW UTILITIES ARE ENCOUNTERED AND ARE IN CONFLICT WITH CONSTRUCTION, CONTRACTOR SHALL NOTIFY THE ENGINEER.

POTENTIAL BASE REPAIR (3" DEPTH)			
NUMBER	LENGTH (FT)	WIDTH (FT)	AREA (FT)
7	93	4	372
8	39	4	156
9	138	11	1,518
9A	48	4	192
10	31	10	310
11	64	4	256
12	178	10	1,780
86	62	5	310
87	262	11	2,882
LELAND ROAD ESTIMATED TOTAL AREA (SF)			7,776
ESTIMATED TOTAL AREA (15% CONTINGENCY) (SF)			8,942

- UTILITY KEYNOTES:**
- ADJUST SANITARY SEWER MANHOLE FRAME AND COVER TO GRADE (CITY OWNED); SEE DETAIL 3/D2.
 - ADJUST STORM DRAIN MANHOLE FRAME AND COVER TO GRADE (CITY OWNED); SEE DETAIL 1/D2.
 - ADJUST COMMUNICATIONS MANHOLE COVERS TO GRADE (AT&T OWNED); SEE DETAIL 1/D2.
 - ADJUST WATER VALVE COVERS TO GRADE (CITY OWNED); SEE DETAIL 2/D2.
 - ADJUST GAS VALVE COVERS TO GRADE (PG&E OWNED); SEE DETAIL 1/D2.
 - ADJUST MONUMENT COVERS TO GRADE (CITY OWNED); SEE DETAIL 4/D2.
 - ADJUST TRAFFIC SIGNAL COVERS TO GRADE (CITY OWNED); SEE DETAIL 1/D2.
 - ADJUST WATER CATHODIC PROTECTION COVERS TO GRADE (CITY OWNED); SEE DETAIL 1/D2.
 - ADJUST SANITARY SEWER CLEANOUT COVERS TO GRADE (CITY OWNED) SEE DETAIL 1/D2.
 - DRAIN INLET/ CATCH BASIN; PROTECT IN PLACE.



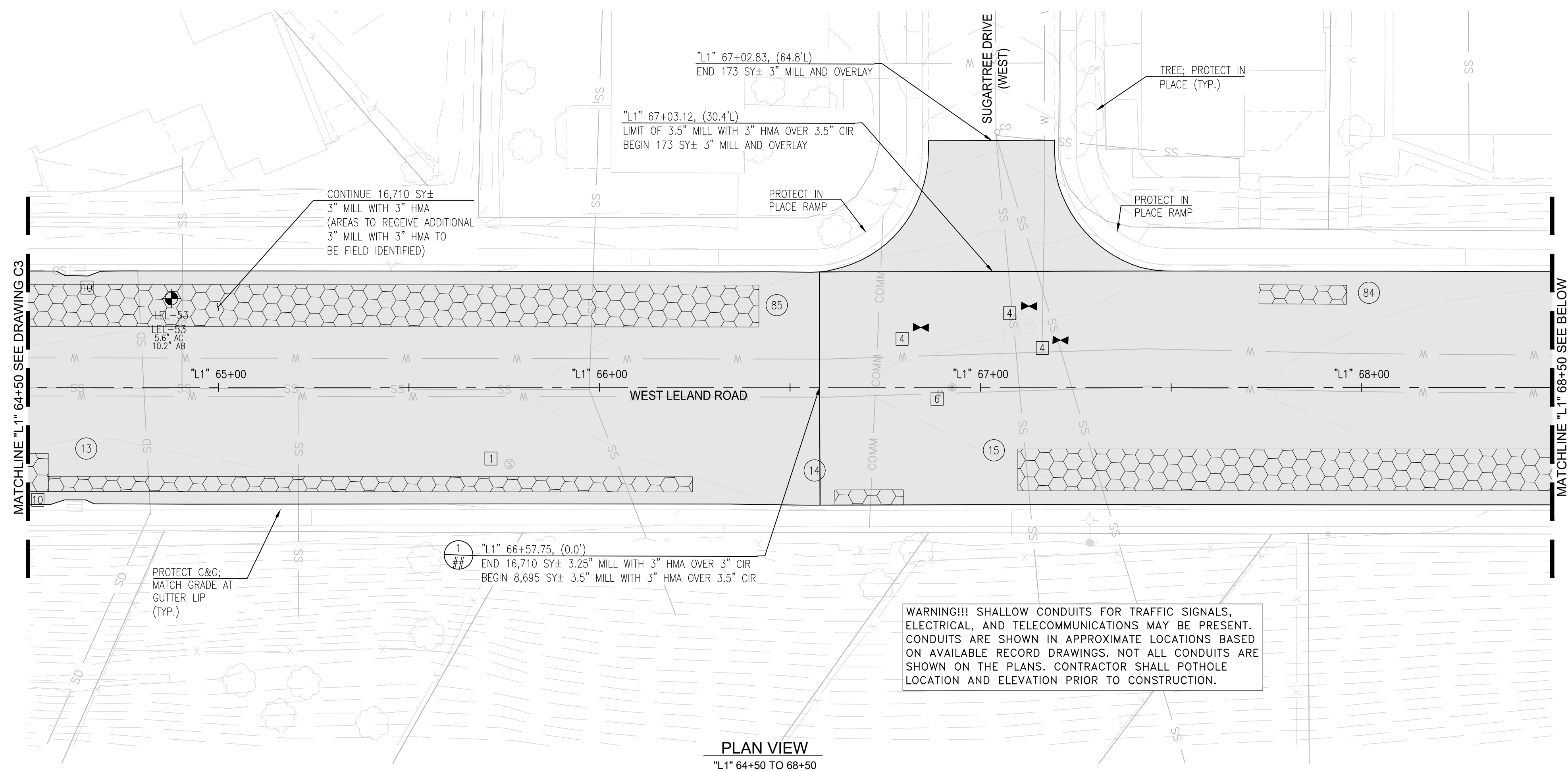
IMPROVEMENT PLAN -
LELAND ROAD "L1" 56+50 TO
"L1" 64+50
 FEDERAL AID PROJECT #STPL 5127 (041), PROJECT
 #2231, WEST LELAND ROAD AND LOVERIDGE ROAD PHASE
 2 REHABILITATION PROJECT

DATE	REV	DESCRIPTION	BY	DRAWN:	CHECKED:	REVIEWED:	DATE:	SCALE:

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 6 OF 34
 DWG. NO.
C3

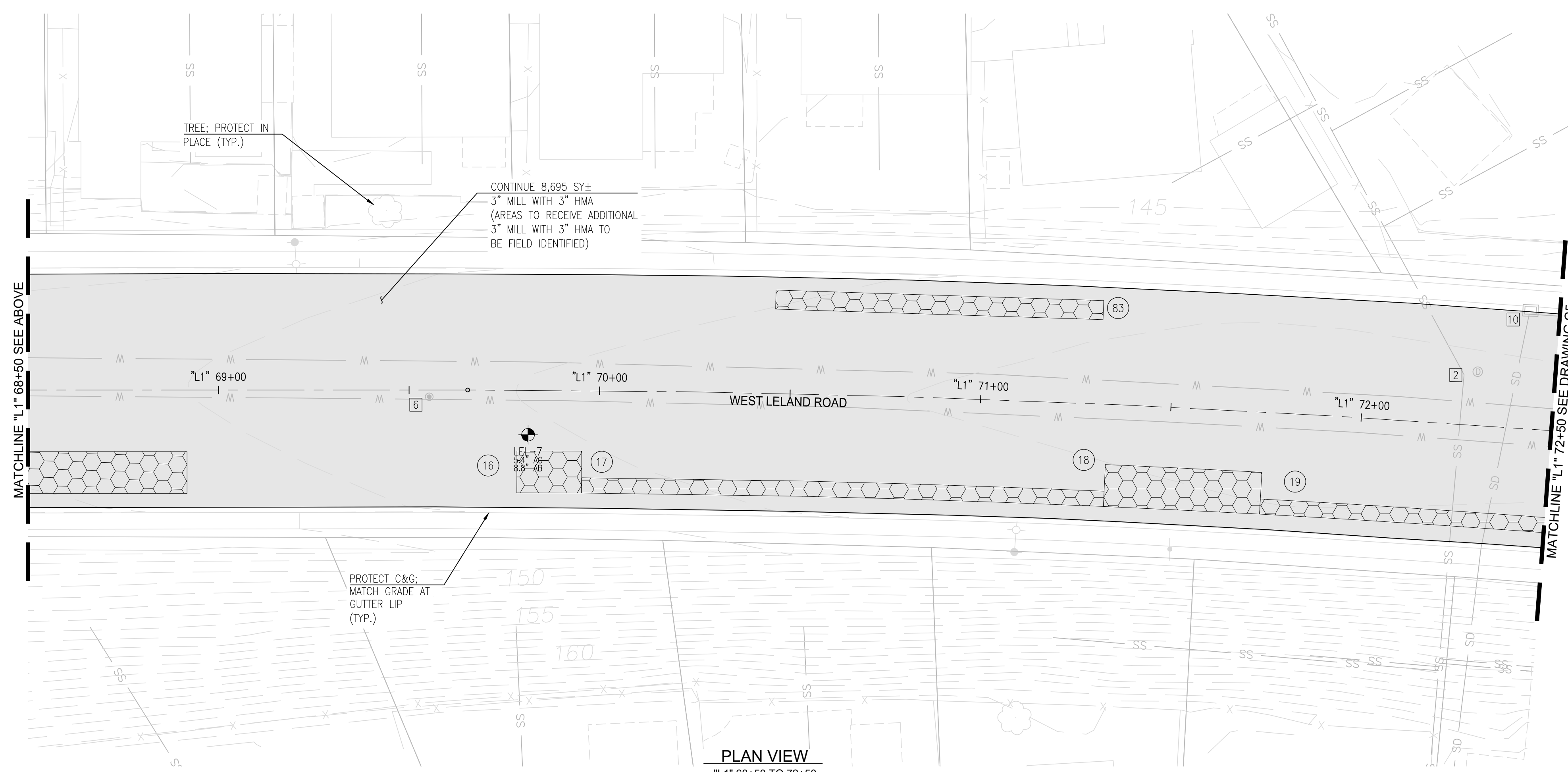


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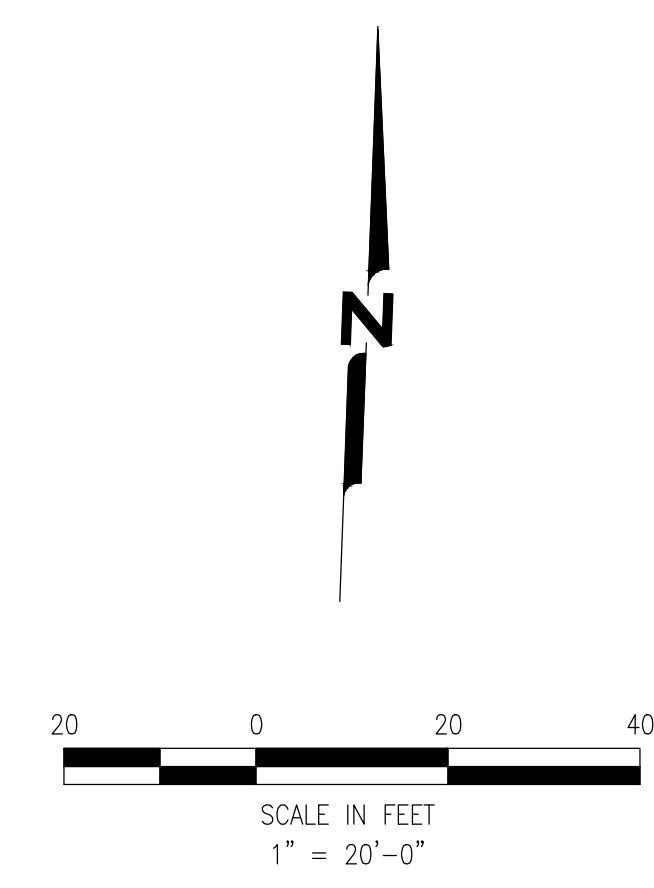


PLAN VIEW
 "L1" 64+50 TO 68+50
 SCALE: 1"=20'

WARNING!!! SHALLOW CONDUITS FOR TRAFFIC SIGNALS, ELECTRICAL, AND TELECOMMUNICATIONS MAY BE PRESENT. CONDUITS ARE SHOWN IN APPROXIMATE LOCATIONS BASED ON AVAILABLE RECORD DRAWINGS. NOT ALL CONDUITS ARE SHOWN ON THE PLANS. CONTRACTOR SHALL POTHOLE LOCATION AND ELEVATION PRIOR TO CONSTRUCTION.



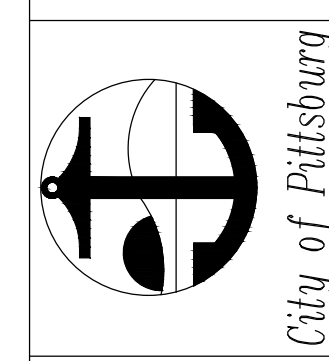
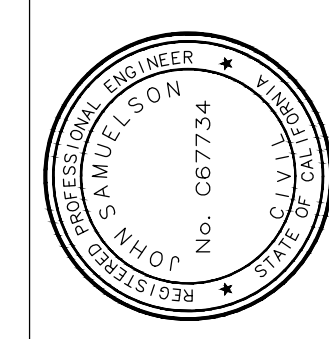
PLAN VIEW
 "L1" 68+50 TO 72+50
 SCALE: 1"=20'



- NOTES:**
- AFTER REMOVAL OF STRIPING, MARKERS, OR MARKINGS, TEMPORARY PAVEMENT DELINEATION SHALL BE IMMEDIATELY PLACED PRIOR TO OPENING THE TRAVELED WAY TO PUBLIC TRAFFIC.
 - PROTECT EXISTING CONCRETE VALLEY GUTTERS DURING CONSTRUCTION EXCEPT AS NOTED.
 - SAWCUT PAVEMENT AT LIMIT OF WORK.
 - CONCRETE REPAIR LOCATIONS ARE MARKED IN THE FIELD WITH WHITE PAINT. ALL CONCRETE WORK AND HMA PLUG ADJACENT TO CONCRETE WORK SHALL BE COMPLETED PRIOR TO THE PAVING WORK.
 - ENGINEER AND CONTRACTOR SHALL MARK BASE REPAIRS IN THE FIELD TOGETHER, DURING WHICH THE ENGINEER AND CONTRACTOR SHALL RECORD THE AGREED UPON DIMENSIONS FOR EACH BASE REPAIR AT EACH LOCATION.
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 - UNDERGROUND UTILITIES SHOWN ARE BASED ON AVAILABLE RECORD DRAWINGS. NOT ALL UNDERGROUND UTILITIES ARE SHOWN ON THE PLANS. CONTRACTOR SHALL POTHOLE UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION. IF SHALLOW UTILITIES ARE ENCOUNTERED AND ARE IN CONFLICT WITH CONSTRUCTION, CONTRACTOR SHALL NOTIFY THE ENGINEER.

POTENTIAL BASE REPAIR (3" DEPTH)			
NUMBER	LENGTH (FT)	WIDTH (FT)	AREA (SF)
13	169	4	676
14	18	4	72
15	182	11	2,002
16	17	11	187
17	137	4	548
18	41	11	451
19	160	4	640
83	86	5	430
84	23	5	115
85	408	11	4,488
LELAND ROAD ESTIMATED TOTAL AREA (SF)			9,609
ESTIMATED TOTAL AREA (15% CONTINGENCY) (SF)			11,050

- UTILITY KEYNOTES:**
- ADJUST SANITARY SEWER MANHOLE FRAME AND COVER TO GRADE (CITY OWNED); SEE DETAIL 3/D2.
 - ADJUST STORM DRAIN MANHOLE FRAME AND COVER TO GRADE (CITY OWNED); SEE DETAIL 1/D2.
 - ADJUST COMMUNICATIONS MANHOLE COVERS TO GRADE (AT&T OWNED); SEE DETAIL 1/D2.
 - ADJUST WATER VALVE COVERS TO GRADE (CITY OWNED); SEE DETAIL 2/D2.
 - ADJUST GAS VALVE COVERS TO GRADE (PG&E OWNED); SEE DETAIL 1/D2.
 - ADJUST MONUMENT COVERS TO GRADE (CITY OWNED); SEE DETAIL 4/D2.
 - ADJUST TRAFFIC SIGNAL COVERS TO GRADE (CITY OWNED); SEE DETAIL 1/D2.
 - ADJUST WATER CATHODIC PROTECTION COVERS TO GRADE (CITY OWNED); SEE DETAIL 1/D2.
 - ADJUST SANITARY SEWER CLEANOUT COVERS TO GRADE (CITY OWNED) SEE DETAIL 1/D2.
 - DRAIN INLET/ CATCH BASIN; PROTECT IN PLACE.



IMPROVEMENT PLAN -
LELAND ROAD "L1" 64+50 TO
"L1" 72+50
 FEDERAL AID PROJECT #STPL 5127 (041), PROJECT
 #2231, WEST LELAND ROAD AND LOVERIDGE ROAD PHASE
 2 REHABILITATION PROJECT

DATE	REV	DESCRIPTION	BY

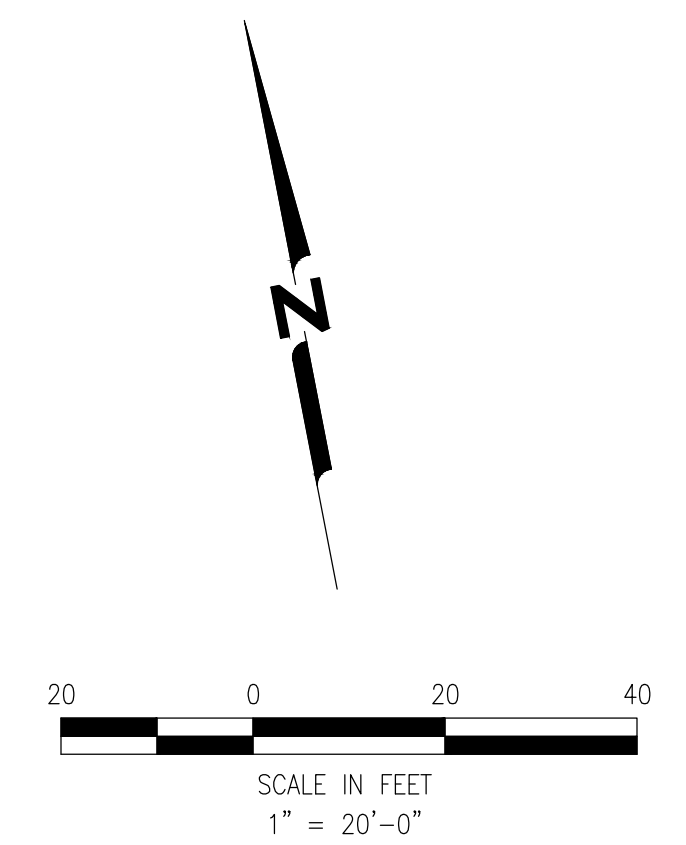
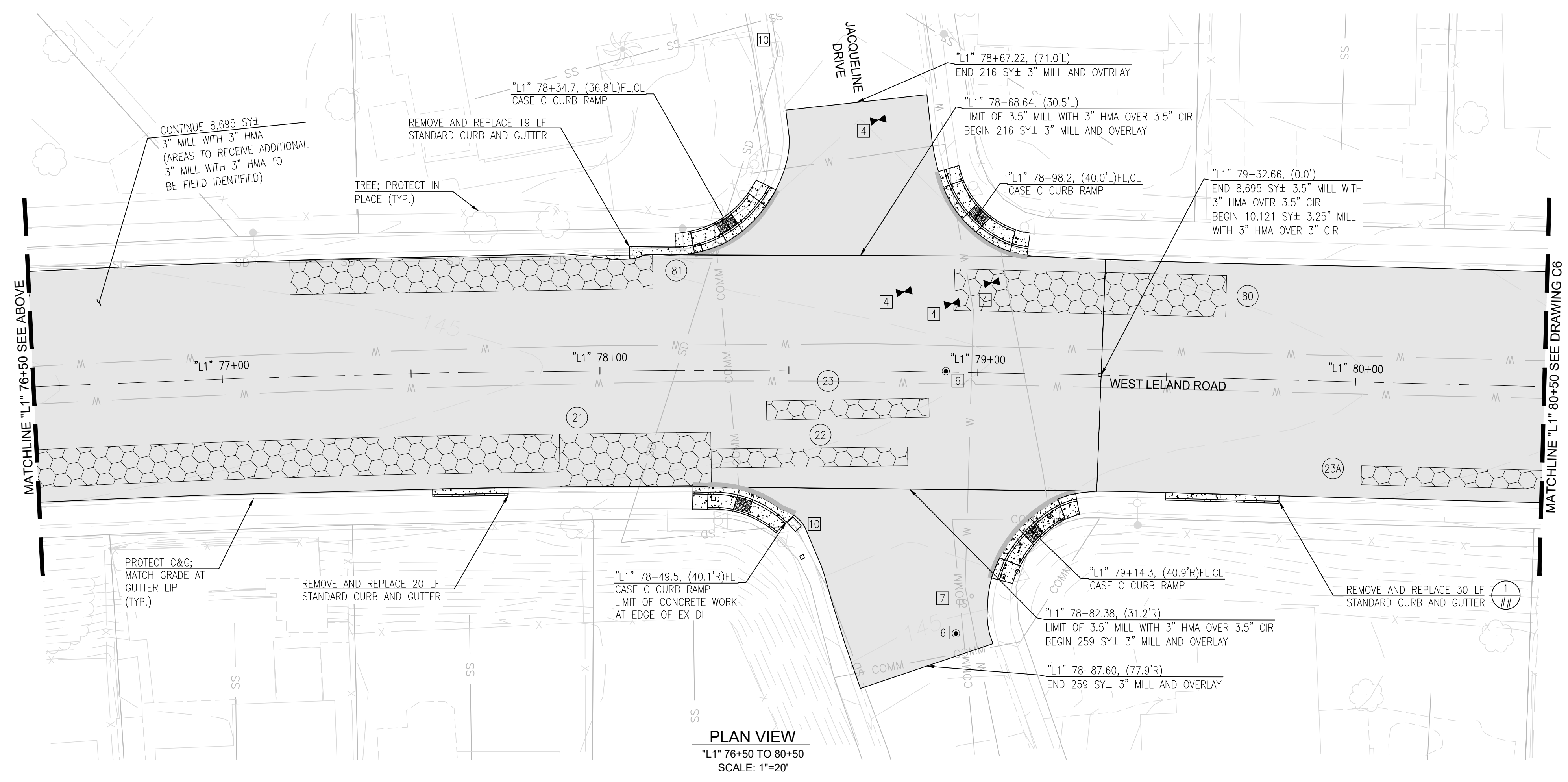
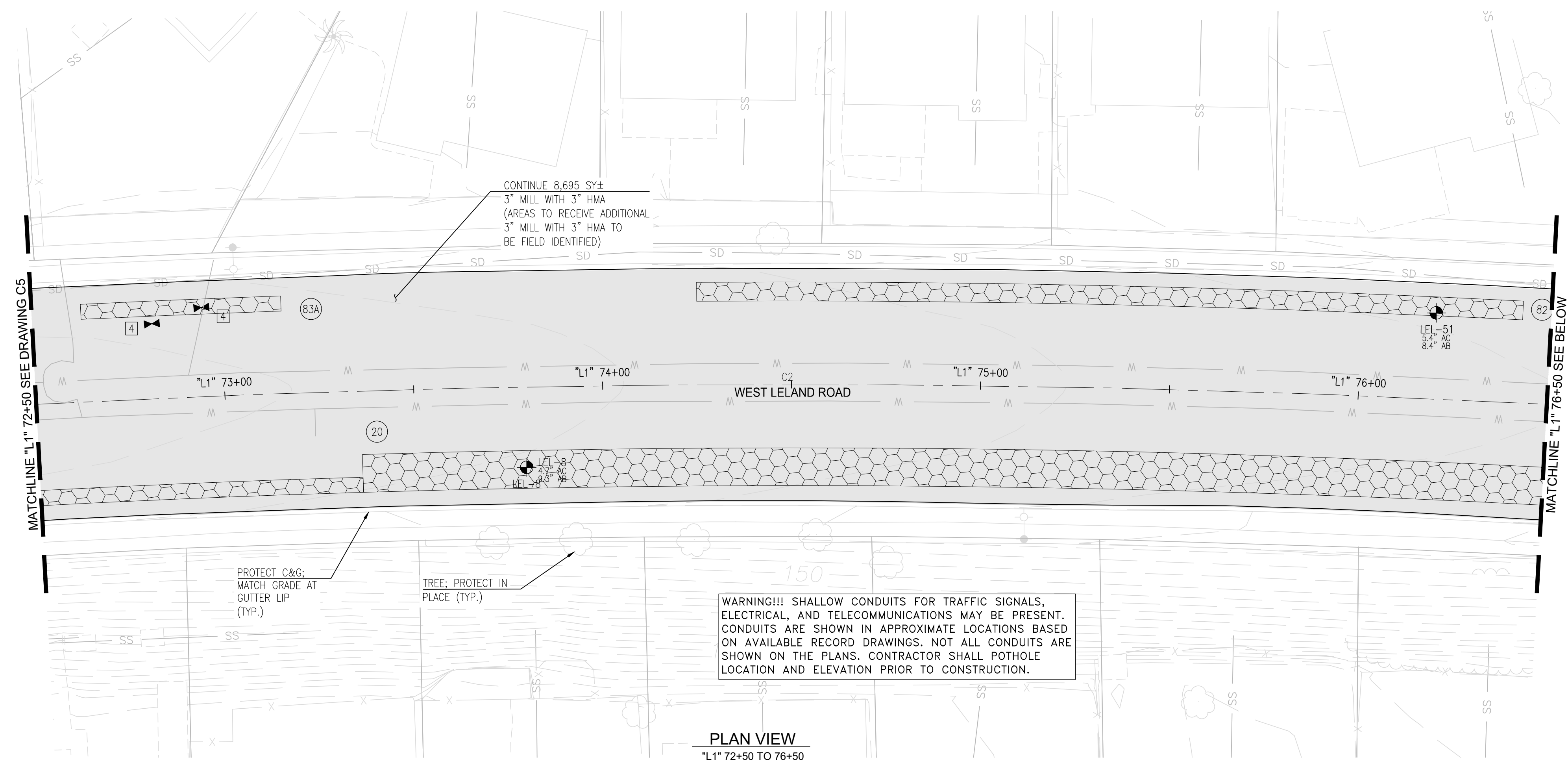
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7 OF 34

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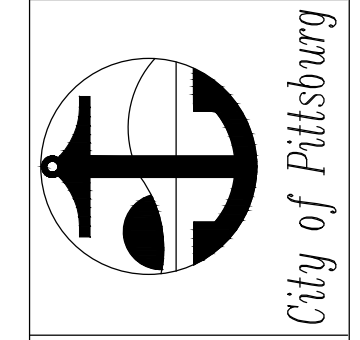
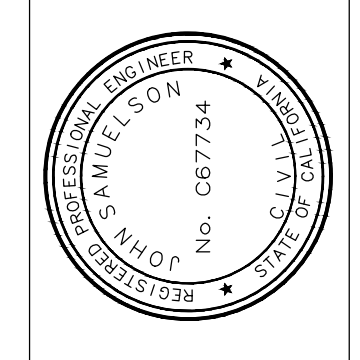
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- NOTES:
1. AFTER REMOVAL OF STRIPING, MARKERS, OR MARKINGS, TEMPORARY PAVEMENT DELINEATION SHALL BE IMMEDIATELY PLACED PRIOR TO OPENING THE TRAVELED WAY TO PUBLIC TRAFFIC.
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 3. SAWCUT PAVEMENT AT LIMIT OF WORK.
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POTENTIAL BASE REPAIR (3" DEPTH)			
NUMBER	LENGTH (FT)	WIDTH (FT)	AREA (SF)
20	450	10	4,500
21	40	14	560
22	52	5	260
23	43	5	215
23A	67	4	268
80	72	11	792
81	96	9	864
82	219	5	1,095
83A	53	4	212
LELAND ROAD ESTIMATED TOTAL AREA (SF)			8,766
ESTIMATED TOTAL AREA (15% CONTINGENCY) (SF)			10,081

- UTILITY KEYNOTES:
1. ADJUST SANITARY SEWER MANHOLE FRAME AND COVER TO GRADE (CITY OWNED); SEE DETAIL 3/D2.
 2. ADJUST STORM DRAIN MANHOLE FRAME AND COVER TO GRADE (CITY OWNED); SEE DETAIL 1/D2.
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 4. ADJUST WATER VALVE COVERS TO GRADE (CITY OWNED); SEE DETAIL 2/D2.
 5. ADJUST GAS VALVE COVERS TO GRADE (PG&E OWNED); SEE DETAIL 1/D2.
 6. ADJUST MONUMENT COVERS TO GRADE (CITY OWNED); SEE DETAIL 4/D2.
 7. ADJUST TRAFFIC SIGNAL COVERS TO GRADE (CITY OWNED); SEE DETAIL 1/D2.
 8. ADJUST WATER CATHODIC PROTECTION COVERS TO GRADE (CITY OWNED); SEE DETAIL 1/D2.
 9. ADJUST SANITARY SEWER CLEANOUT COVERS TO GRADE (CITY OWNED) SEE DETAIL 1/D2.
 10. DRAIN INLET/ CATCH BASIN; PROTECT IN PLACE.



IMPROVEMENT PLAN -
LELAND ROAD 'L1' 72+50 TO
'L1' 80+50
 FEDERAL AID PROJECT #STPL 5127 (041), PROJECT
 #2231, WEST LELAND ROAD AND LOVERIDGE ROAD PHASE
 2 - REHABILITATION PROJECT

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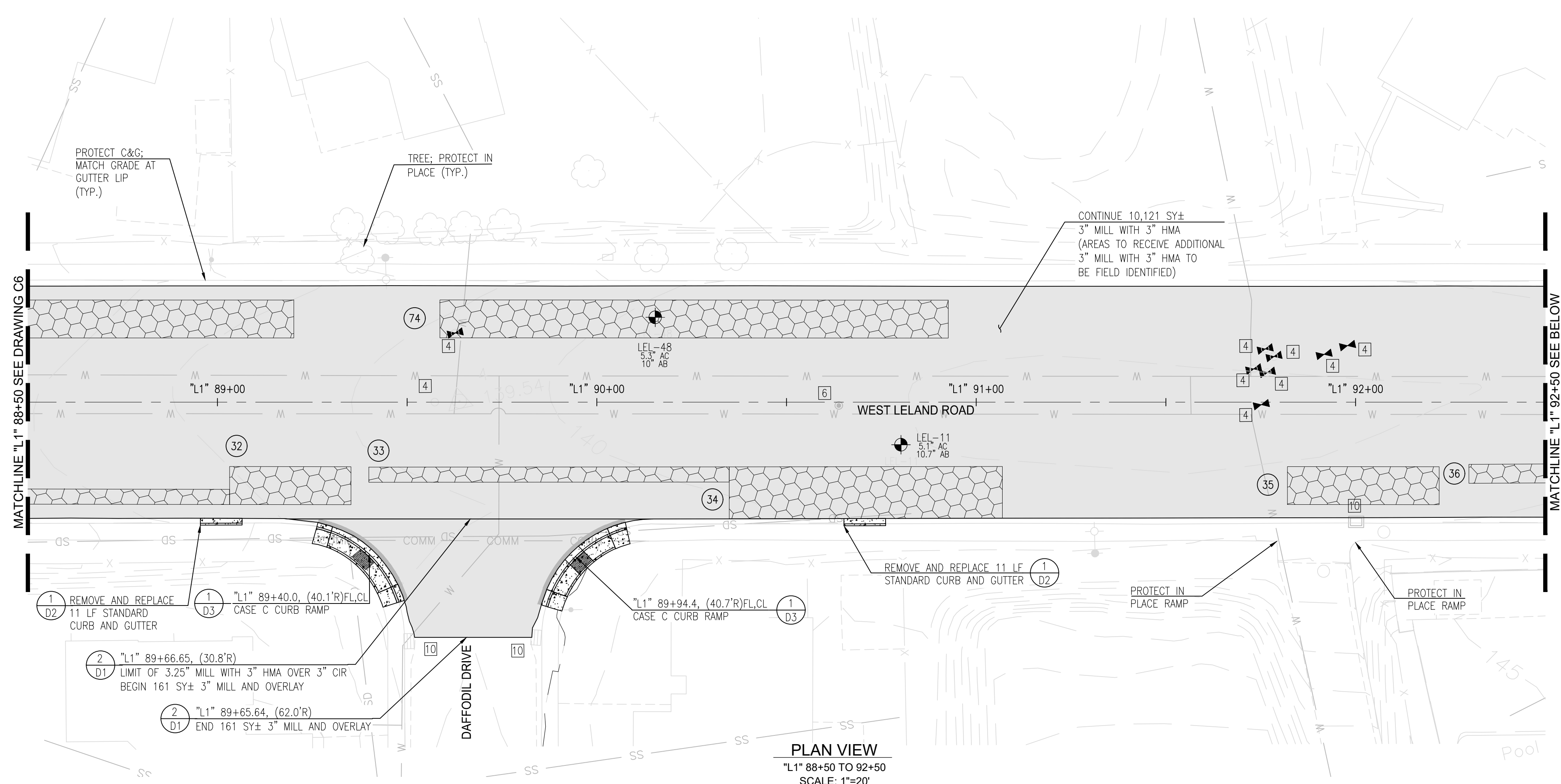
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SHEET NO. 8 OF 34

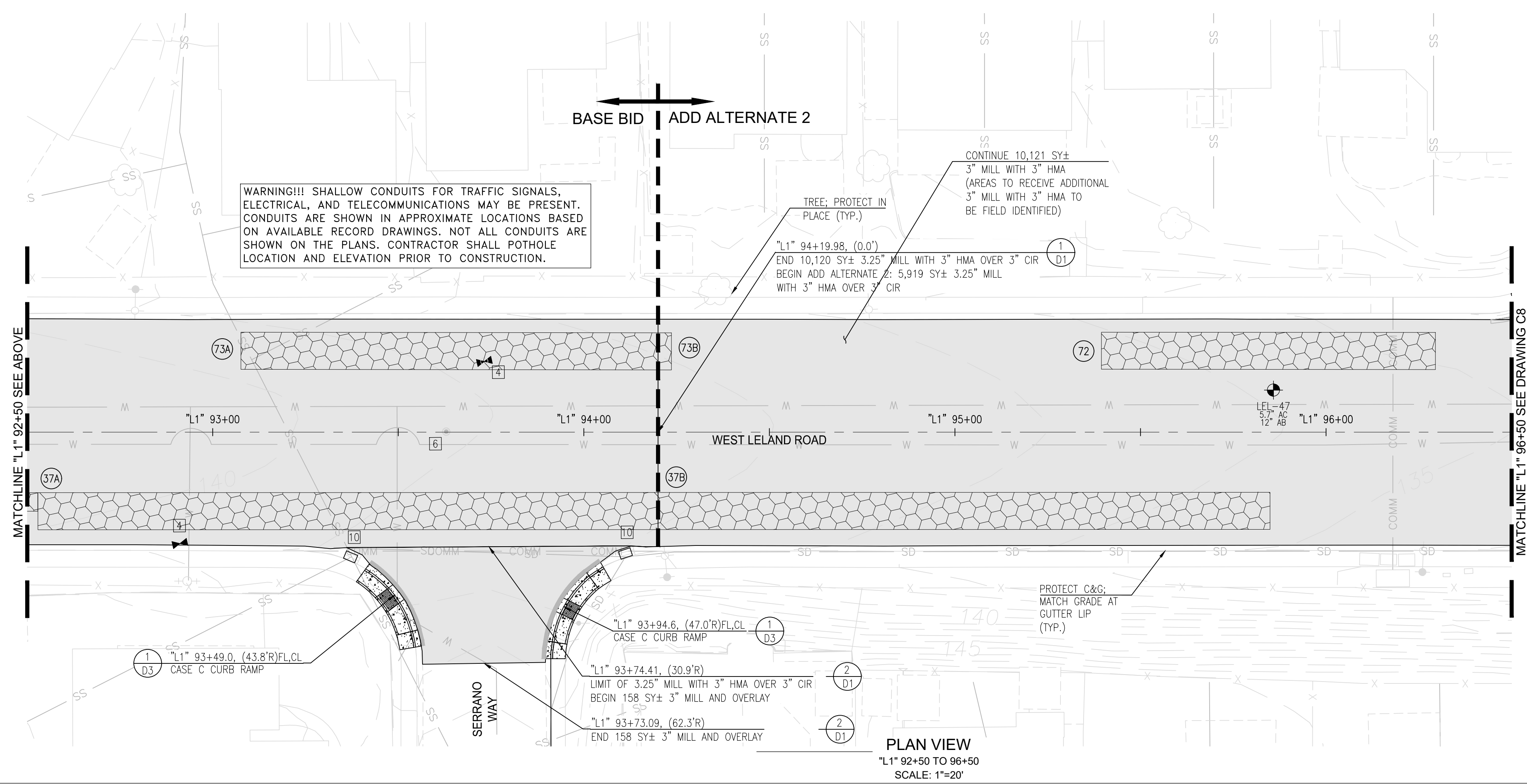
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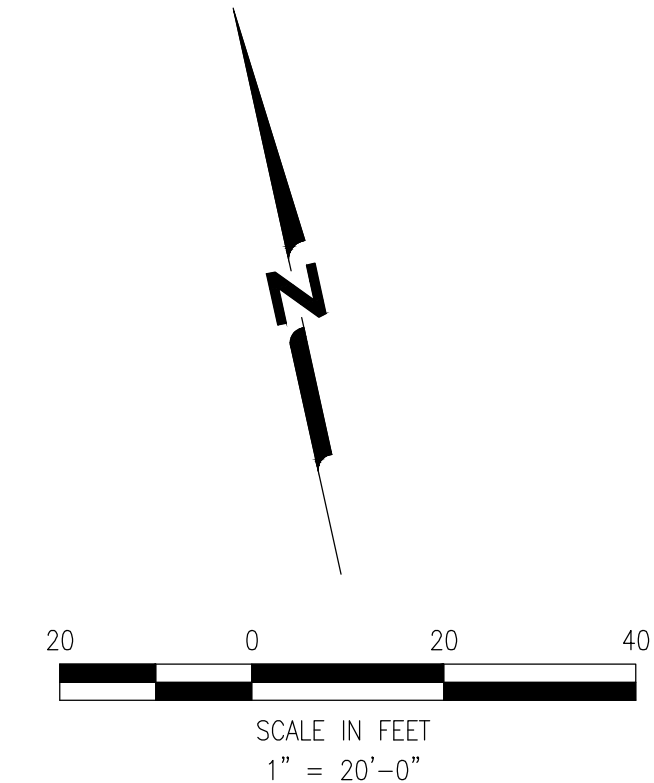
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PLAN VIEW
 "L1" 88+50 TO 92+50
 SCALE: 1"=20'



PLAN VIEW
 "L1" 92+50 TO 96+50
 SCALE: 1"=20'

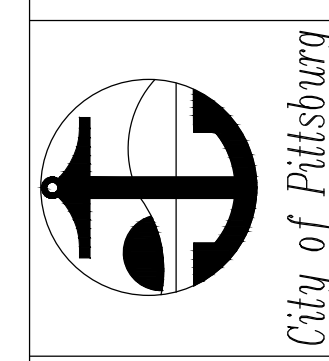
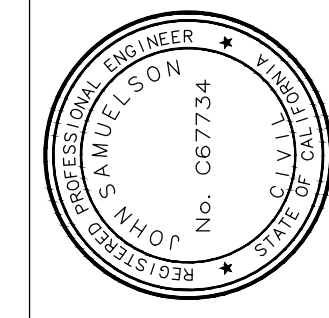


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POTENTIAL BASE REPAIR (3" DEPTH)				(3/D1)
NUMBER	LENGTH (FT)	WIDTH (FT)	AREA (SF)	
32	32	10	320	
33	95	4	380	
34	72	14	1,008	
35	40	10	400	
36	23	5	115	
37A	169	10	1,690	
73A	112	10	1,120	
74	134	10	1,340	
LELAND ROAD ESTIMATED TOTAL AREA (SF)			6,373	
ESTIMATED TOTAL AREA (15% CONTINGENCY) (SF)			7,329	

ADD ALTERNATE 2: BASE REPAIR (3" DEPTH)				(3/D1)
NUMBER	LENGTH (FT)	WIDTH (FT)	AREA (SF)	
37B	165	10	1,650	
72	90	10	900	
73B	4	10	40	
LELAND ROAD ESTIMATED TOTAL AREA (SF)			2,590	
ESTIMATED TOTAL AREA (15% CONTINGENCY) (SF)			2,979	

- UTILITY KEYNOTES:**
- ADJUST SANITARY SEWER MANHOLE FRAME AND COVER TO GRADE (CITY OWNED); SEE DETAIL 3/D2.
 - ADJUST STORM DRAIN MANHOLE FRAME AND COVER TO GRADE (CITY OWNED); SEE DETAIL 1/D2.
 - ADJUST COMMUNICATIONS MANHOLE COVERS TO GRADE (AT&T OWNED); SEE DETAIL 1/D2.
 - ADJUST WATER VALVE COVERS TO GRADE (CITY OWNED); SEE DETAIL 2/D2.
 - ADJUST GAS VALVE COVERS TO GRADE (PG&E OWNED); SEE DETAIL 1/D2.
 - ADJUST MONUMENT COVERS TO GRADE (CITY OWNED); SEE DETAIL 4/D2.
 - ADJUST TRAFFIC SIGNAL COVERS TO GRADE (CITY OWNED); SEE DETAIL 1/D2.
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 - DRAIN INLET/ CATCH BASIN; PROTECT IN PLACE.

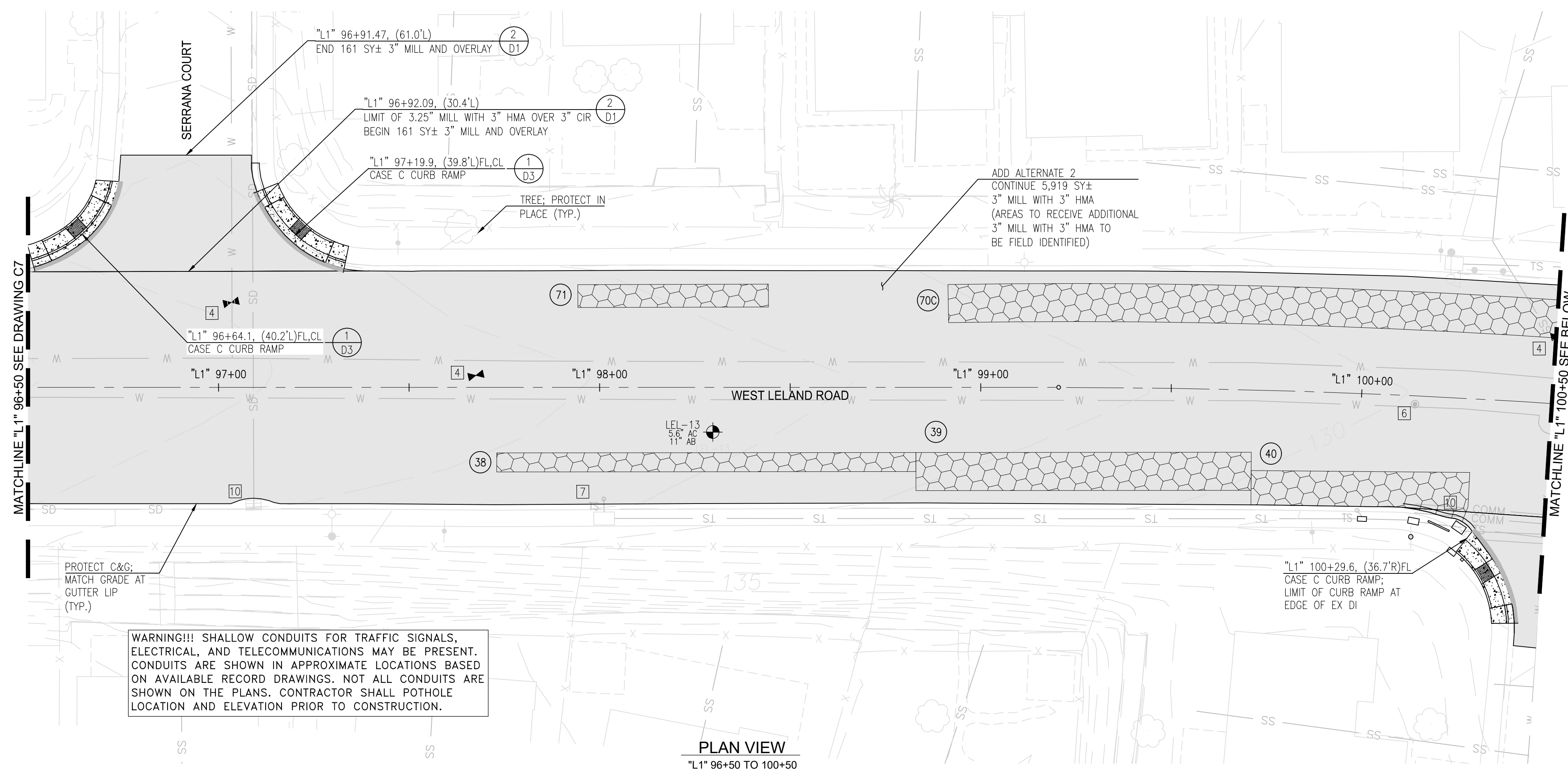


IMPROVEMENT PLAN -
LELAND ROAD "L1" 88+50 TO
"L1" 96+50
 FEDERAL AID PROJECT #STPL 5127 (041), PROJECT
 #2231, WEST LELAND ROAD AND LOVERIDGE ROAD PHASE
 2 REHABILITATION PROJECT

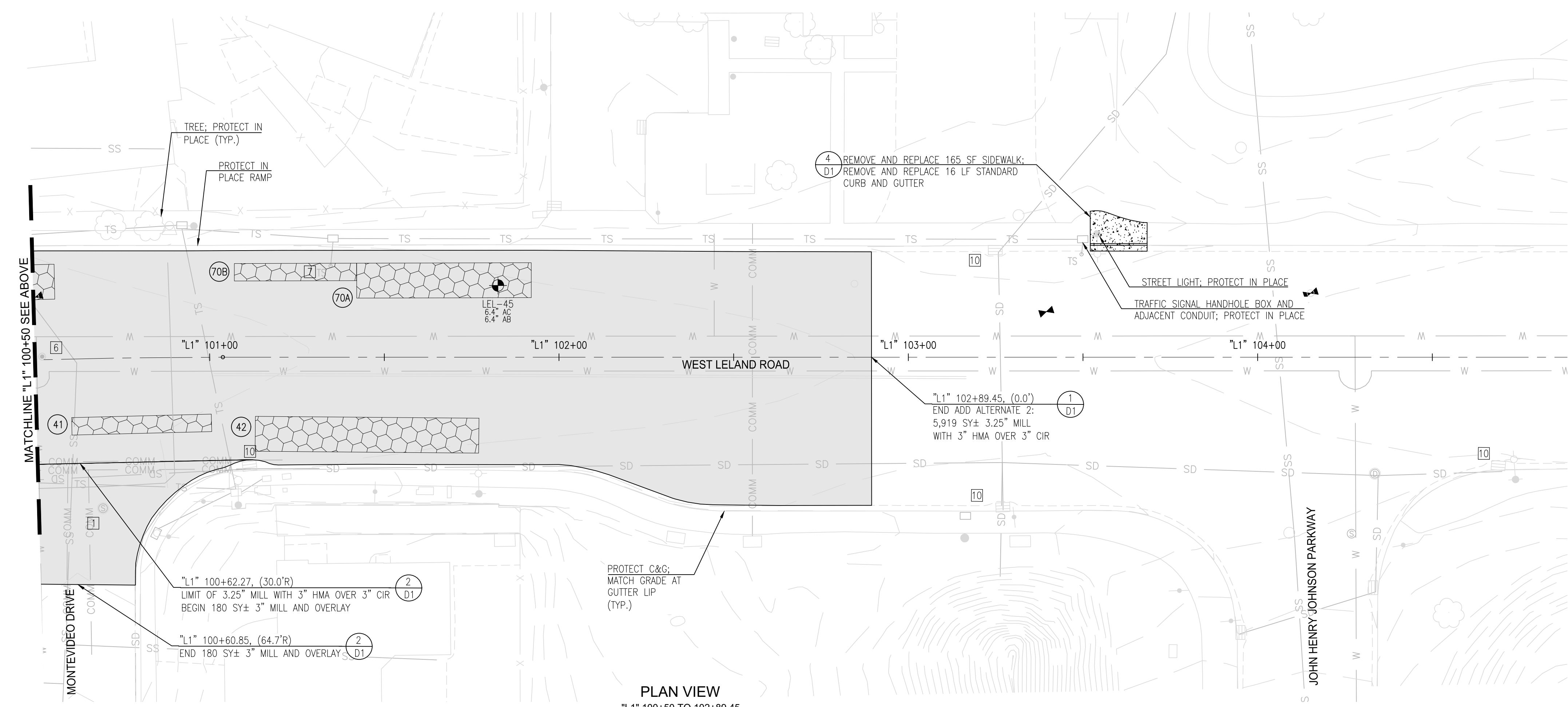
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PLAN VIEW
 "L1" 96+50 TO 100+50
 SCALE: 1"=20'

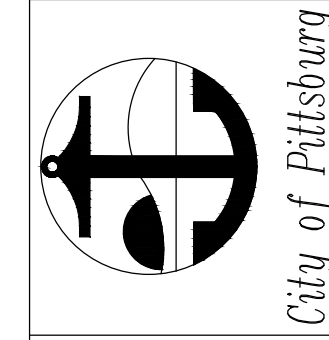
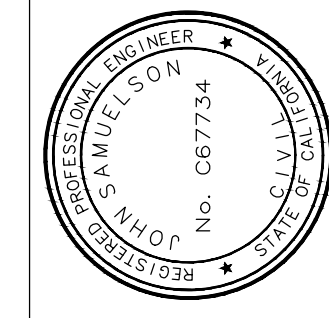
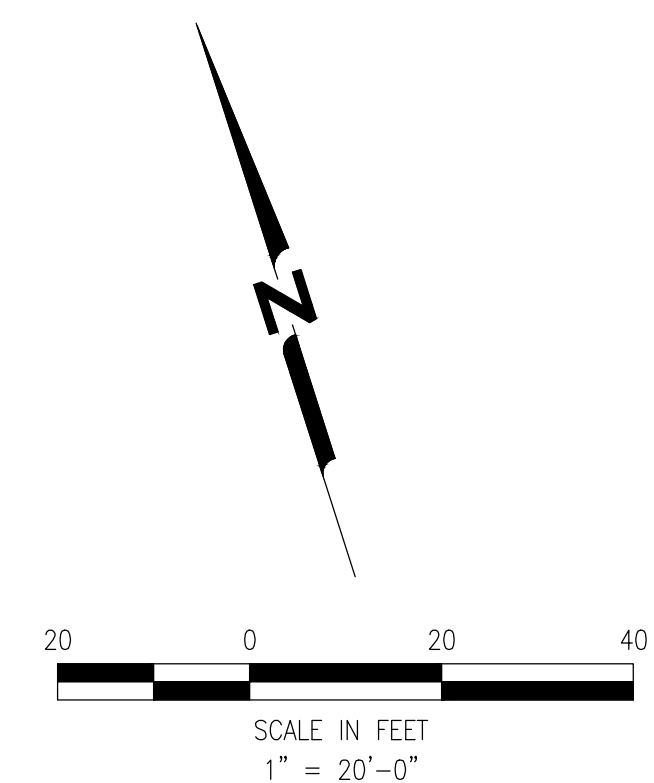


PLAN VIEW
 "L1" 100+50 TO 102+89.45
 SCALE: 1"=20'

- NOTES:**
- AFTER REMOVAL OF STRIPING, MARKERS, OR MARKINGS, TEMPORARY PAVEMENT DELINEATION SHALL BE IMMEDIATELY PLACED PRIOR TO OPENING THE TRAVELED WAY TO PUBLIC TRAFFIC.
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POTENTIAL BASE REPAIR (3" DEPTH)			
NUMBER	LENGTH (FT)	WIDTH (FT)	AREA (SF)
38	110	5	550
39	88	10	880
40	60	4	240
41	40	5	200
42	64	10	640
70A	50	10	500
70B	35	5	175
70C	10	166	1,660
71	50	6	300
LELAND ROAD ESTIMATED TOTAL AREA (SF)			5,145
ESTIMATED TOTAL AREA (15% CONTINGENCY) (SF)			5,917

- UTILITY KEYNOTES:**
- ADJUST SANITARY SEWER MANHOLE FRAME AND COVER TO GRADE (CITY OWNED); SEE DETAIL 3/D2.
 - ADJUST STORM DRAIN MANHOLE FRAME AND COVER TO GRADE (CITY OWNED); SEE DETAIL 1/D2.
 - ADJUST COMMUNICATIONS MANHOLE COVERS TO GRADE (AT&T OWNED); SEE DETAIL 1/D2.
 - ADJUST WATER VALVE COVERS TO GRADE (CITY OWNED); SEE DETAIL 2/D2.
 - ADJUST GAS VALVE COVERS TO GRADE (PG&E OWNED); SEE DETAIL 1/D2.
 - ADJUST MONUMENT COVERS TO GRADE (CITY OWNED); SEE DETAIL 4/D2.
 - ADJUST TRAFFIC SIGNAL COVERS TO GRADE (CITY OWNED); SEE DETAIL 1/D2.
 - ADJUST WATER CATHODIC PROTECTION COVERS TO GRADE (CITY OWNED); SEE DETAIL 1/D2.
 - ADJUST SANITARY SEWER CLEANOUT COVERS TO GRADE (CITY OWNED) SEE DETAIL 1/D2.
 - DRAIN INLET/ CATCH BASIN; PROTECT IN PLACE.



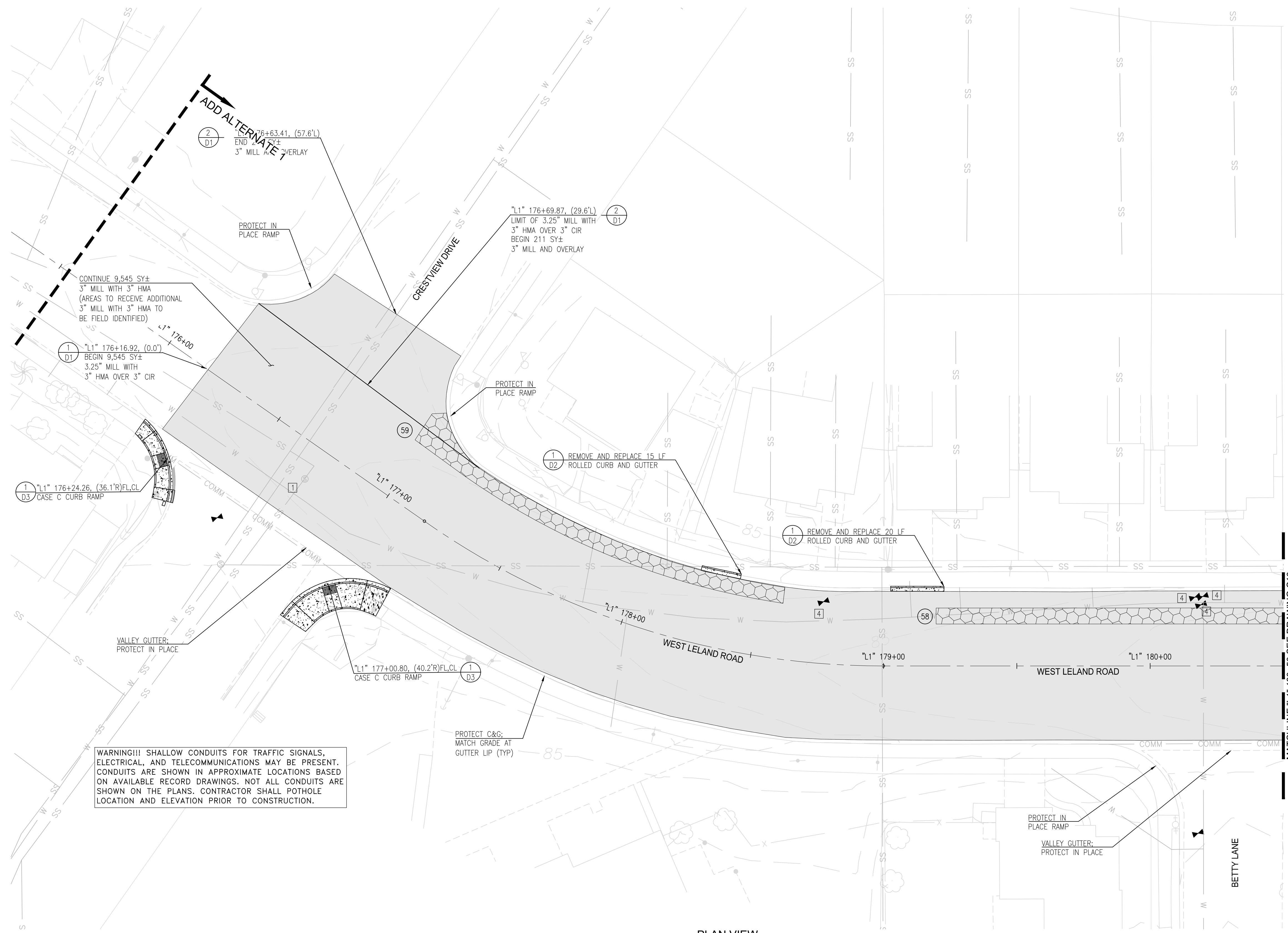
IMPROVEMENT PLAN -
LELAND ROAD "L1" 96+50 TO
"L1" 102+89.45
 FEDERAL AID PROJECT #STPL 5127 (041), PROJECT
 #2231, WEST LELAND ROAD AND LOVERIDGE ROAD PHASE
 2 - REHABILITATION PROJECT

DATE	REV	DESCRIPTION	BY	DRAWN:	CHECKED:	REVIEWED:	DATE:	SCALE:
								N/A

SHEET NO.
11 OF 34

DWG. NO.
C8

File: I:\Murf's\8600_BLDG. & CONSTRUCTION\803_CONSTRUCTION_PROJECTS\02_CITY\2020_Contracts\2020-07_08\AG - Pavement Improvement\2_Design\2_Reports, Studies, Plans & Specs\01_V12_C9 - Improvement - Leland Road.dwg | Layout: C9 | Printed Oct 20, 2023 @ 1:33pm | ID: 114_44_34 (LMS Tech)



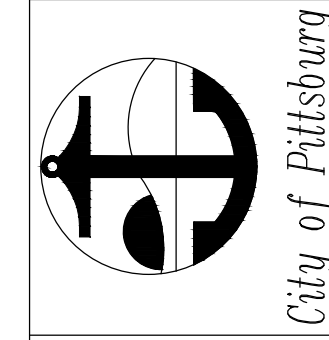
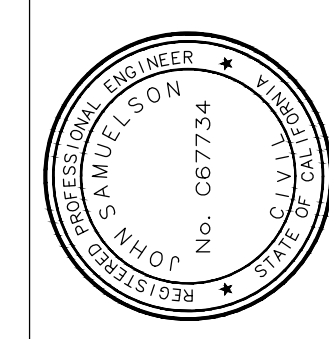
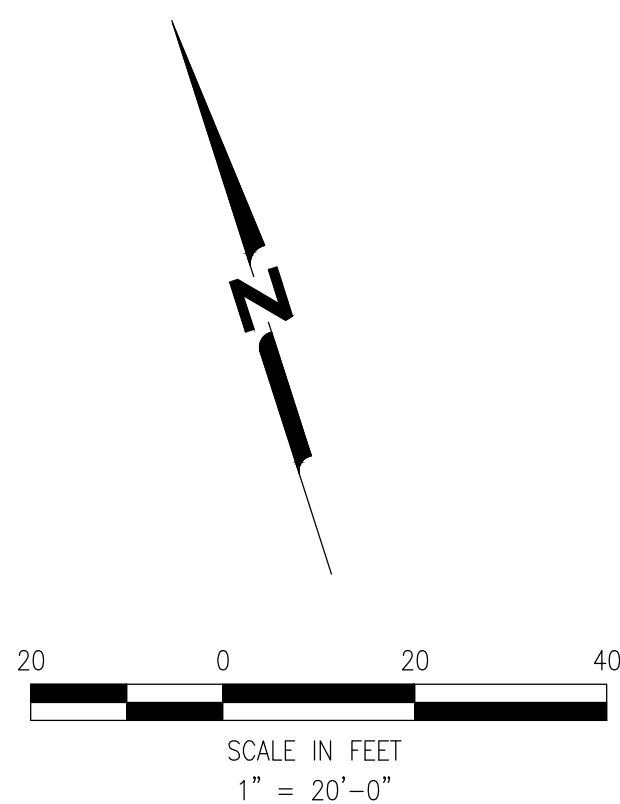
PLAN VIEW
 "L1" 176+16.92 TO 180+50
 SCALE: 1"=20'

WARNING!!! SHALLOW CONDUITS FOR TRAFFIC SIGNALS, ELECTRICAL, AND TELECOMMUNICATIONS MAY BE PRESENT. CONDUITS ARE SHOWN IN APPROXIMATE LOCATIONS BASED ON AVAILABLE RECORD DRAWINGS. NOT ALL CONDUITS ARE SHOWN ON THE PLANS. CONTRACTOR SHALL POT HOLE LOCATION AND ELEVATION PRIOR TO CONSTRUCTION.

- NOTES:**
- AFTER REMOVAL OF STRIPING, MARKERS, OR MARKINGS, TEMPORARY PAVEMENT DELINEATION SHALL BE IMMEDIATELY PLACED PRIOR TO OPENING THE TRAVELED WAY TO PUBLIC TRAFFIC.
 - PROTECT EXISTING CONCRETE VALLEY GUTTERS DURING CONSTRUCTION EXCEPT AS NOTED.
 - SAWCUT PAVEMENT AT LIMIT OF WORK.
 - CONCRETE REPAIR LOCATIONS ARE MARKED IN THE FIELD WITH WHITE PAINT. ALL CONCRETE WORK AND HMA PLUG ADJACENT TO CONCRETE WORK SHALL BE COMPLETED PRIOR TO THE PAVING WORK.
 - ENGINEER AND CONTRACTOR SHALL MARK BASE REPAIRS IN THE FIELD TOGETHER, DURING WHICH THE ENGINEER AND CONTRACTOR SHALL RECORD THE AGREED UPON DIMENSIONS FOR EACH BASE REPAIR AT EACH LOCATION.
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POTENTIAL BASE REPAIR (3" DEPTH)			
NUMBER	LENGTH (FT)	WIDTH (FT)	AREA (FT)
58	283	6	1,698
59	155	6	930
LELAND ROAD ESTIMATED TOTAL AREA (SF)			2,628
ESTIMATED TOTAL AREA (15% CONTINGENCY) (SF)			3,023

- UTILITY KEYNOTES:**
- ADJUST SANITARY SEWER MANHOLE FRAME AND COVER TO GRADE (CITY OWNED); SEE DETAIL 3/D2.
 - ADJUST STORM DRAIN MANHOLE FRAME AND COVER TO GRADE (CITY OWNED); SEE DETAIL 1/D2.
 - ADJUST COMMUNICATIONS MANHOLE COVERS TO GRADE (AT&T OWNED); SEE DETAIL 1/D2.
 - ADJUST WATER VALVE COVERS TO GRADE (CITY OWNED); SEE DETAIL 2/D2.
 - ADJUST GAS VALVE COVERS TO GRADE (PG&E OWNED); SEE DETAIL 1/D2.
 - ADJUST MONUMENT COVERS TO GRADE (CITY OWNED); SEE DETAIL 4/D2.
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 - ADJUST WATER CATHODIC PROTECTION COVERS TO GRADE (CITY OWNED); SEE DETAIL 1/D2.
 - ADJUST SANITARY SEWER CLEANOUT COVERS TO GRADE (CITY OWNED) SEE DETAIL 1/D2.
 - DRAIN INLET/ CATCH BASIN; PROTECT IN PLACE.

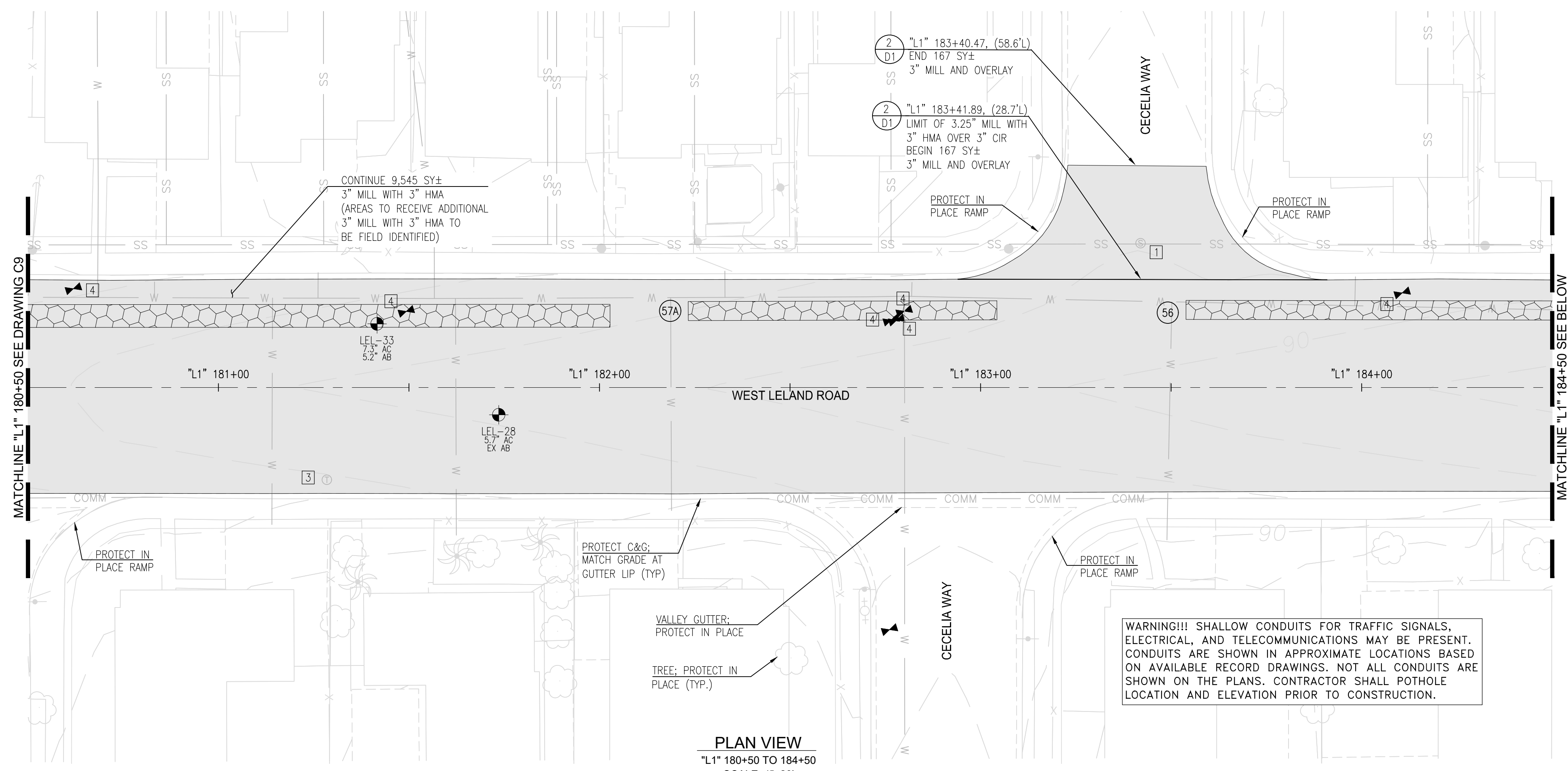


IMPROVEMENT PLAN -
LELAND ROAD "L1" 176+16.92
TO "L1" 180+50
 FEDERAL AID PROJECT #STPL 5127 (041), PROJECT #2231, WEST LELAND ROAD AND LOVERIDGE ROAD PHASE 2 REHABILITATION PROJECT

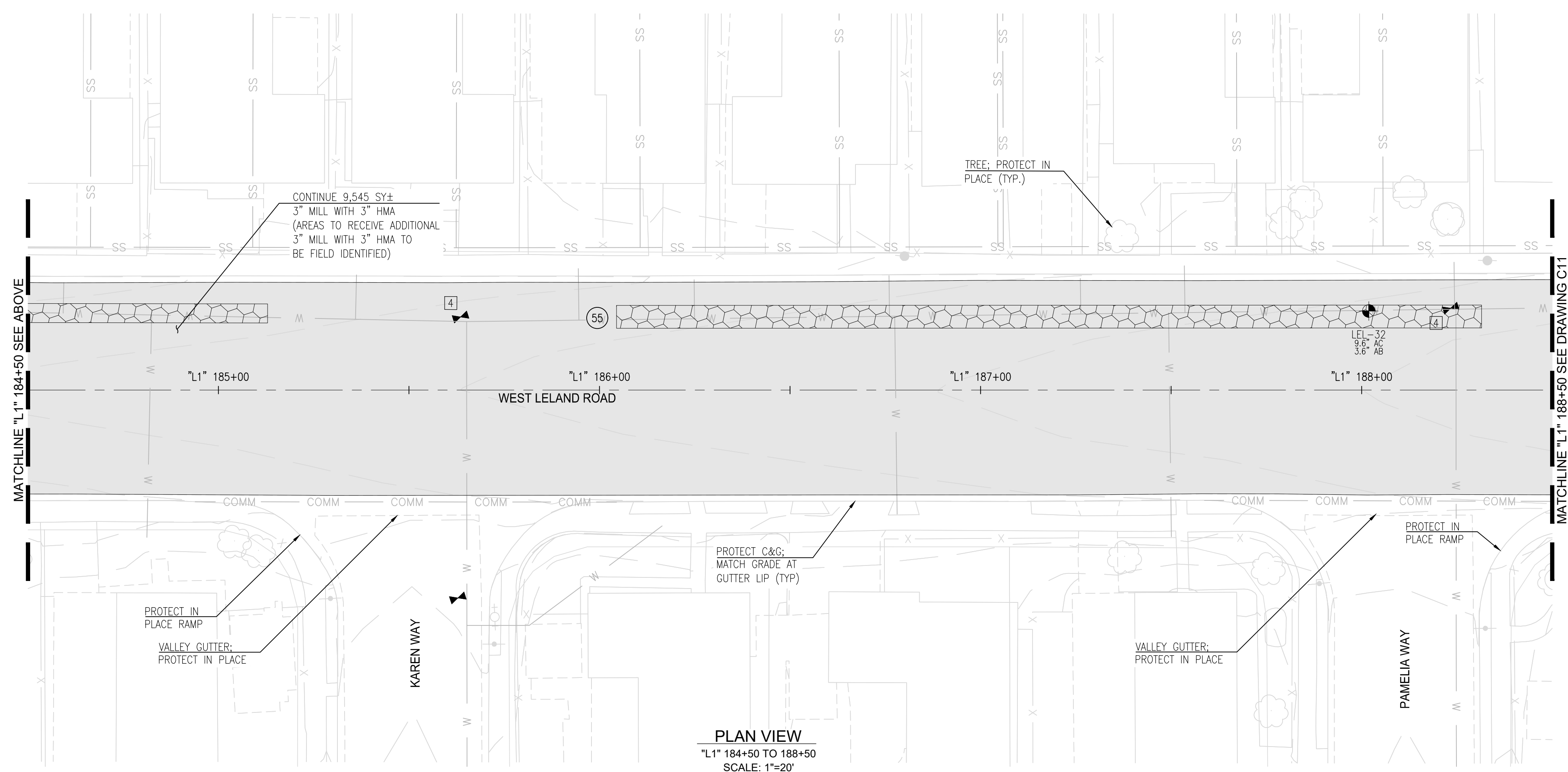
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SHEET NO. 12 OF 34
 DWG. NO. C9

File: I:\M\1880_BLDG & CONSTRUCTION\803 CONSTRUCTION PROJECTS\02 CIV\2020 Contracts\2020-07 084G - Pavement Improvement\2 Design\06 Reports, Studies, Plans & Specs\01\12 CB - Improvement - Leland Road.dwg | Layout: C10 | Printed: Oct 20, 2023 @ 11:34am | ID: TH-24-3s (LMS Tech)



PLAN VIEW
 "L1" 180+50 TO 184+50
 SCALE: 1"=20'

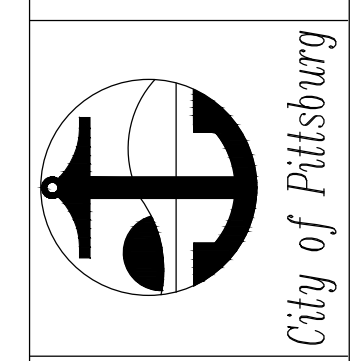
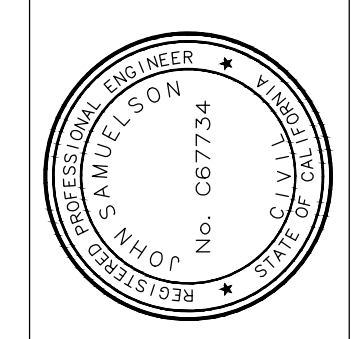
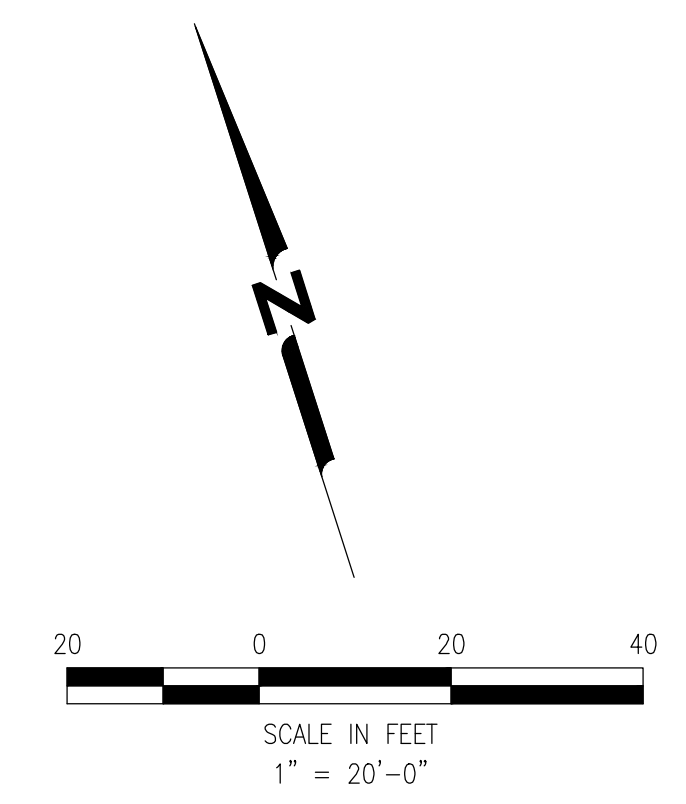


PLAN VIEW
 "L1" 184+50 TO 188+50
 SCALE: 1"=20'

- NOTES:**
- AFTER REMOVAL OF STRIPING, MARKERS, OR MARKINGS, TEMPORARY PAVEMENT DELINEATION SHALL BE IMMEDIATELY PLACED PRIOR TO OPENING THE TRAVELED WAY TO PUBLIC TRAFFIC.
 - PROTECT EXISTING CONCRETE VALLEY GUTTERS DURING CONSTRUCTION EXCEPT AS NOTED.
 - SAWCUT PAVEMENT AT LIMIT OF WORK.
 - CONCRETE REPAIR LOCATIONS ARE MARKED IN THE FIELD WITH WHITE PAINT. ALL CONCRETE WORK AND HMA PLUG ADJACENT TO CONCRETE WORK SHALL BE COMPLETED PRIOR TO THE PAVING WORK.
 - ENGINEER AND CONTRACTOR SHALL MARK BASE REPAIRS IN THE FIELD TOGETHER, DURING WHICH THE ENGINEER AND CONTRACTOR SHALL RECORD THE AGREED UPON DIMENSIONS FOR EACH BASE REPAIR AT EACH LOCATION.
 - FOR GENERAL NOTES SEE DRAWING G2.
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POTENTIAL BASE REPAIR (3" DEPTH)			
NUMBER	LENGTH (FT)	WIDTH (FT)	AREA (FT)
55	227	6	1,362
56	159	5	795
57A	81	5	405
LELAND ROAD ESTIMATED TOTAL AREA (SF)			2,562
ESTIMATED TOTAL AREA (15% CONTINGENCY) (SF)			2,947

- UTILITY KEYNOTES:**
- ADJUST SANITARY SEWER MANHOLE FRAME AND COVER TO GRADE (CITY OWNED); SEE DETAIL 3/D2.
 - ADJUST STORM DRAIN MANHOLE FRAME AND COVER TO GRADE (CITY OWNED); SEE DETAIL 1/D2.
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 - DRAIN INLET/ CATCH BASIN; PROTECT IN PLACE.



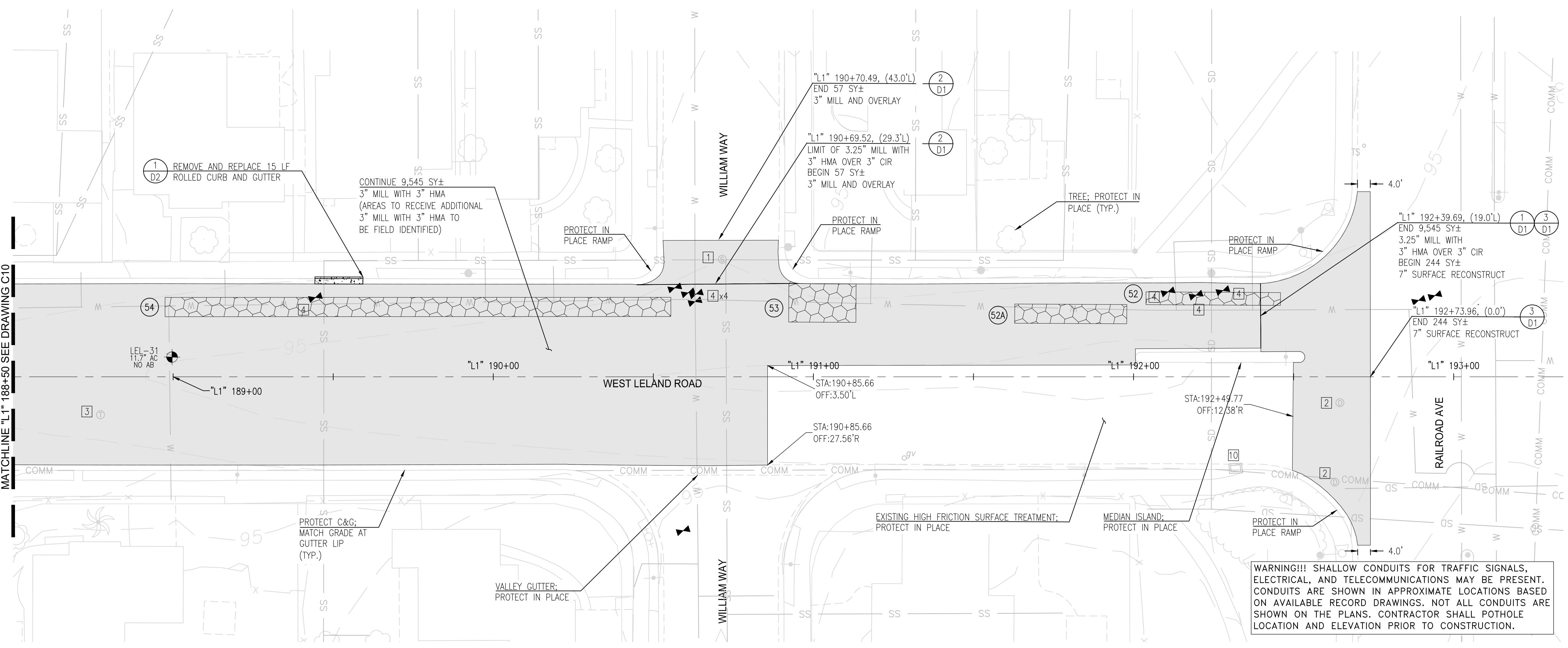
IMPROVEMENT PLAN -
LELAND ROAD "L1" 180+50 TO
"L1" 188+50
 FEDERAL AID PROJECT #STPL 5127 (041), PROJECT
 #2231, WEST LELAND ROAD AND LOVERIDGE ROAD PHASE
 2 REHABILITATION PROJECT

DATE	REV	DESCRIPTION	BY	DRAWN:	CHECKED:	REVIEWED:	DATE:	SCALE:
								N/A

SHEET NO.
 13 OF 34
 DWG. NO.
C10



File: I:\Murf's\8600_BLDG & CONSTRUCTION\803_CONSTRUCTION_PROJECTS\02_CITY\2020_Contracts\2020-07_OBAG_Pavement_Improvement\02_Design\02_Reports, Plans & Specs\01\12_C9 - Improvement - Leland Road.dwg | Layout: C11 | Printed: Oct 20, 2023 @ 11:34am | ID: TH-24-3s (AMS Tech)



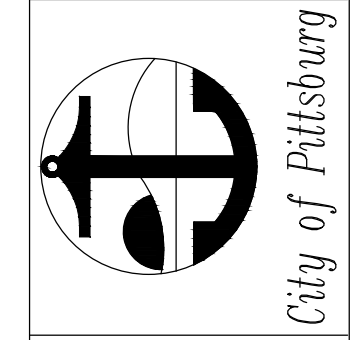
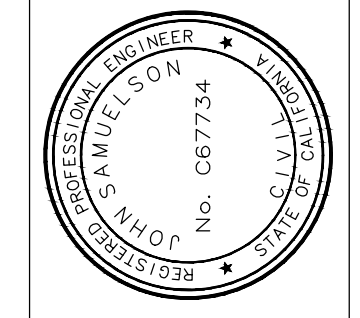
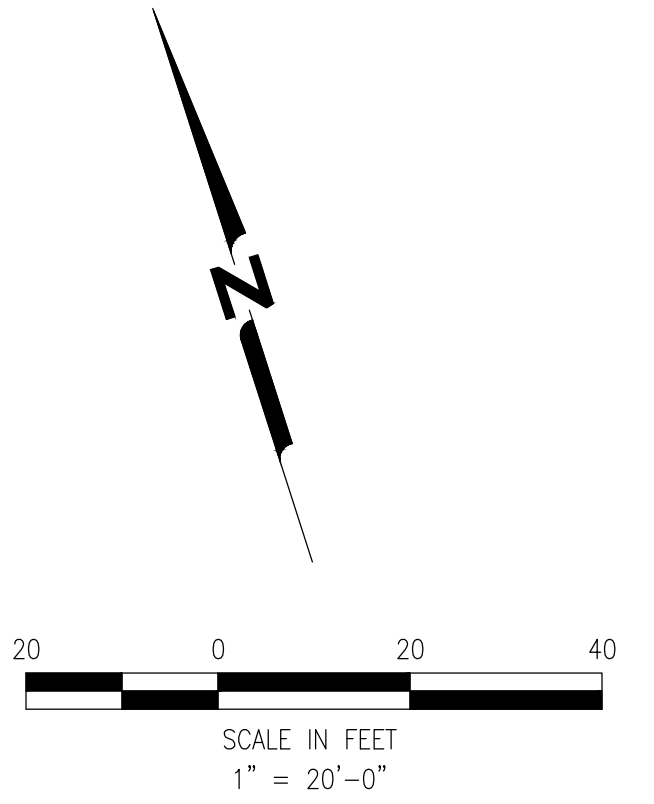
PLAN VIEW
 "L1" 188+50 TO 192+73.96
 SCALE: 1"=20'

- NOTES:**
- AFTER REMOVAL OF STRIPING, MARKERS, OR MARKINGS, TEMPORARY PAVEMENT DELINEATION SHALL BE IMMEDIATELY PLACED PRIOR TO OPENING THE TRAVELED WAY TO PUBLIC TRAFFIC.
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POTENTIAL BASE REPAIR (3" DEPTH)			
NUMBER	LENGTH (FT)	WIDTH (FT)	AREA (FT)
52	42	4	168
52A	35	6	210
53	21	12	252
54	158	6	948
LELAND ROAD ESTIMATED TOTAL AREA (SF)			1,578
ESTIMATED TOTAL AREA (15% CONTINGENCY) (SF)			1,815

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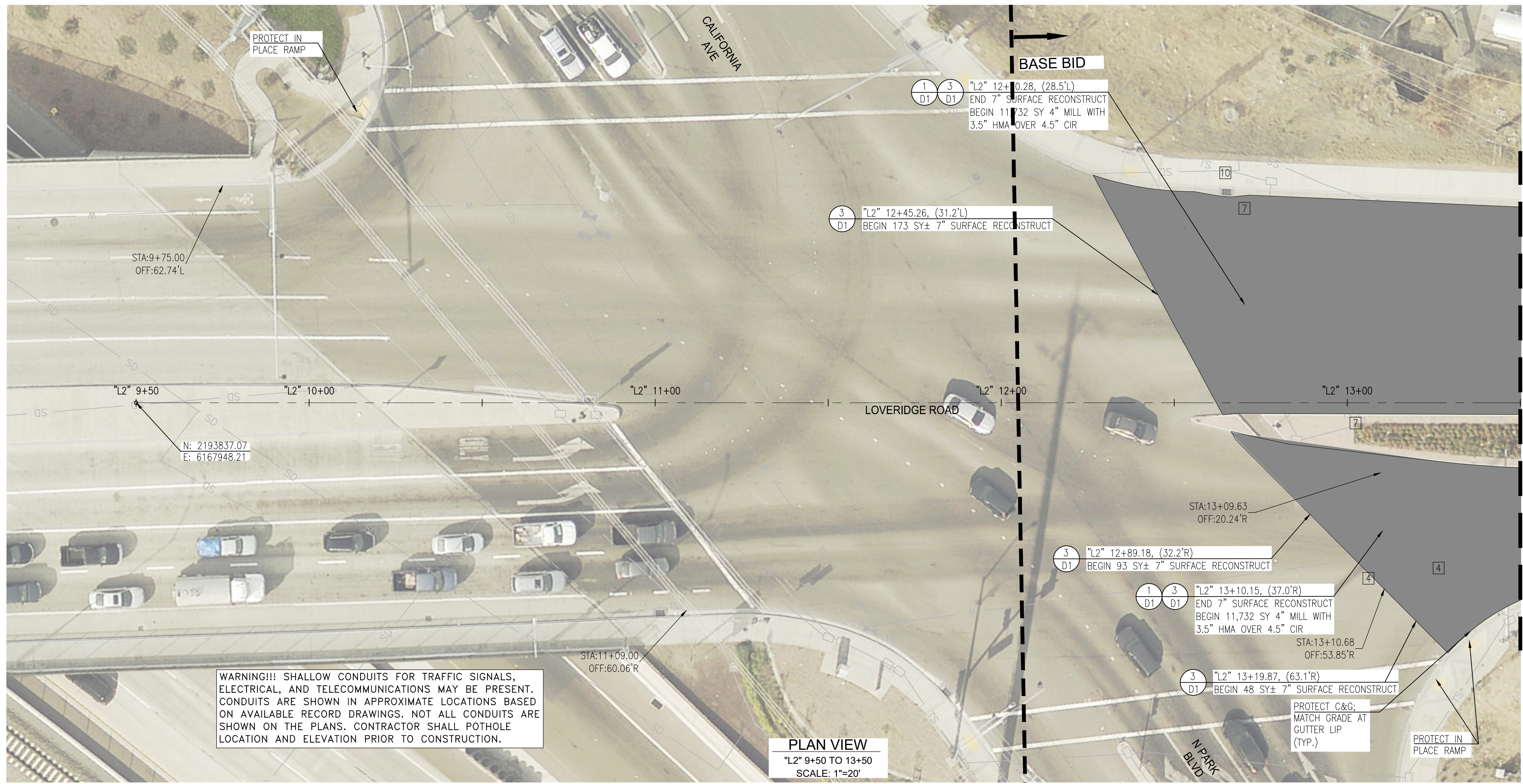


IMPROVEMENT PLAN -
LELAND ROAD "L1" 188+50 TO
"L1" 192+73.96
 FEDERAL AID PROJECT #STPL 5127 (041), PROJECT
 #2231, WEST LELAND ROAD AND LOVERIDGE ROAD PHASE
 2 - REHABILITATION PROJECT

DATE	REV	DESCRIPTION	BY	DRAWN:	CHECKED:	REVIEWED:	DATE:	SCALE: N/A
SHEET NO. 14 OF 34								
DWG. NO. C11								



File: I:\Murf's\8800_BLDG & CONSTRUCTION\803_CONSTRUCTION_PROJECTS\02_CITY\2020_Contracts\2020-07_OBAG - Pavement Improvement\2_Design\2_Reports, Studies, Plans & Specs\01\5_C12 - Improvement - Loveridge Road.dwg | Layout: C12 | Printed: Oct 20, 2023 @ 11:34am | ID: 11-24-23 (LMS Tech)

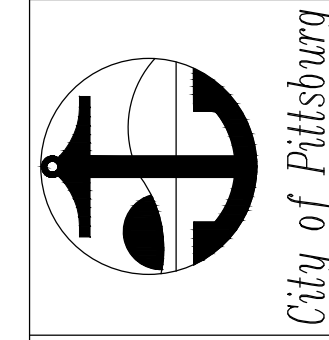
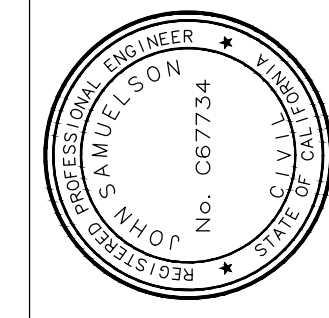


PLAN VIEW
 "L2" 9+50 TO 13+50
 SCALE: 1"=20'

WARNING!!! SHALLOW CONDUITS FOR TRAFFIC SIGNALS, ELECTRICAL, AND TELECOMMUNICATIONS MAY BE PRESENT. CONDUITS ARE SHOWN IN APPROXIMATE LOCATIONS BASED ON AVAILABLE RECORD DRAWINGS. NOT ALL CONDUITS ARE SHOWN ON THE PLANS. CONTRACTOR SHALL POTHOLE LOCATION AND ELEVATION PRIOR TO CONSTRUCTION.

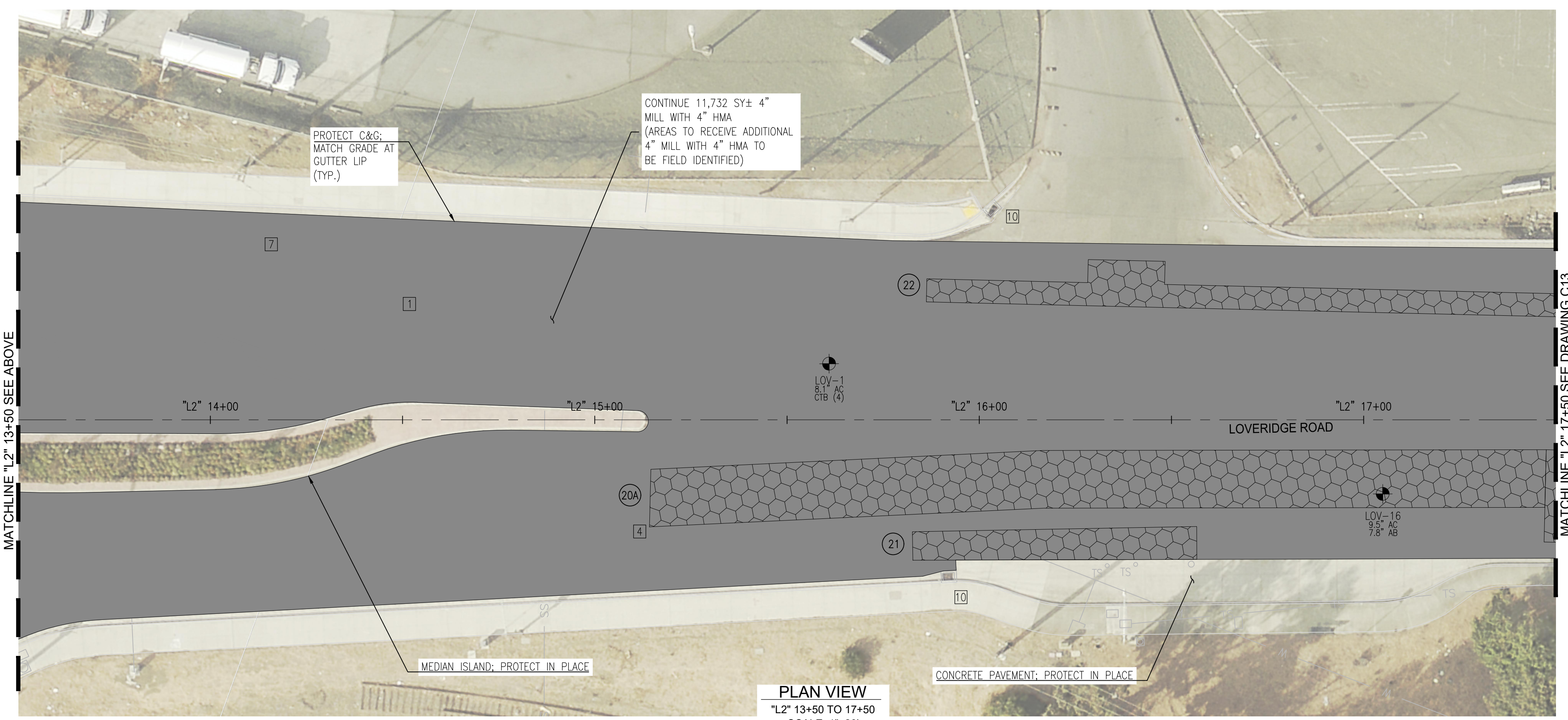
- NOTES:**
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POTENTIAL BASE REPAIR (4" DEPTH) (3) ##			
NUMBER	LENGTH (FT)	WIDTH (FT)	AREA (FT)
(20A)	233	15	3,495
(21)	80	6	480
(22)	235	6	1,410
LOVERIDGE ROAD ESTIMATED TOTAL AREA (SF)			5,385
ESTIMATED TOTAL AREA (15% CONTINGENCY) (SF)			6,193



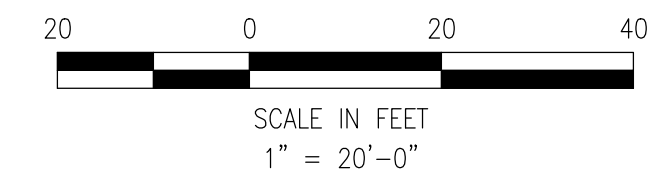
IMPROVEMENT PLAN -
LOVERIDGE ROAD "L2" 9+50
TO "L2" 17+50
 FEDERAL AID PROJECT #STPL 5127 (041), PROJECT #2231, WEST LELAND ROAD AND LOVERIDGE ROAD PHASE 2 - REHABILITATION PROJECT

- UTILITY KEYNOTES:**
- ADJUST SANITARY SEWER MANHOLE FRAME AND COVER TO GRADE (CITY OWNED); SEE DETAIL 3/D2.
 - ADJUST STORM DRAIN MANHOLE FRAME AND COVER TO GRADE (CITY OWNED); SEE DETAIL 1/D2.
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 - ADJUST SANITARY SEWER CLEANOUT COVERS TO GRADE (CITY OWNED) SEE DETAIL 1/D2.
 - DRAIN INLET/ CATCH BASIN; PROTECT IN PLACE.



PLAN VIEW
 "L2" 13+50 TO 17+50
 SCALE: 1"=20'

MATCHLINE "L2" 17+50 SEE DRAWING C13



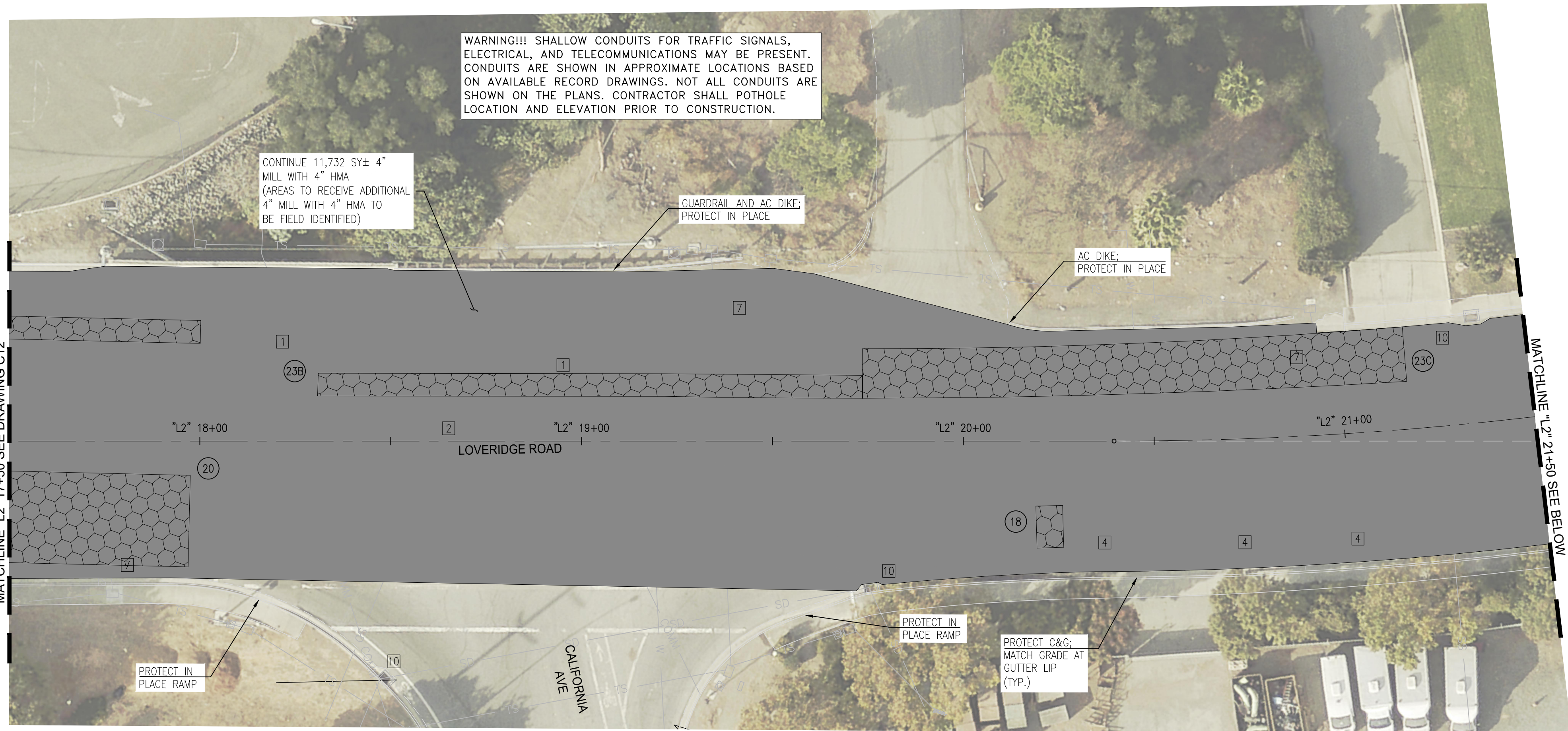
MATCHLINE "L2" 13+50 SEE ABOVE

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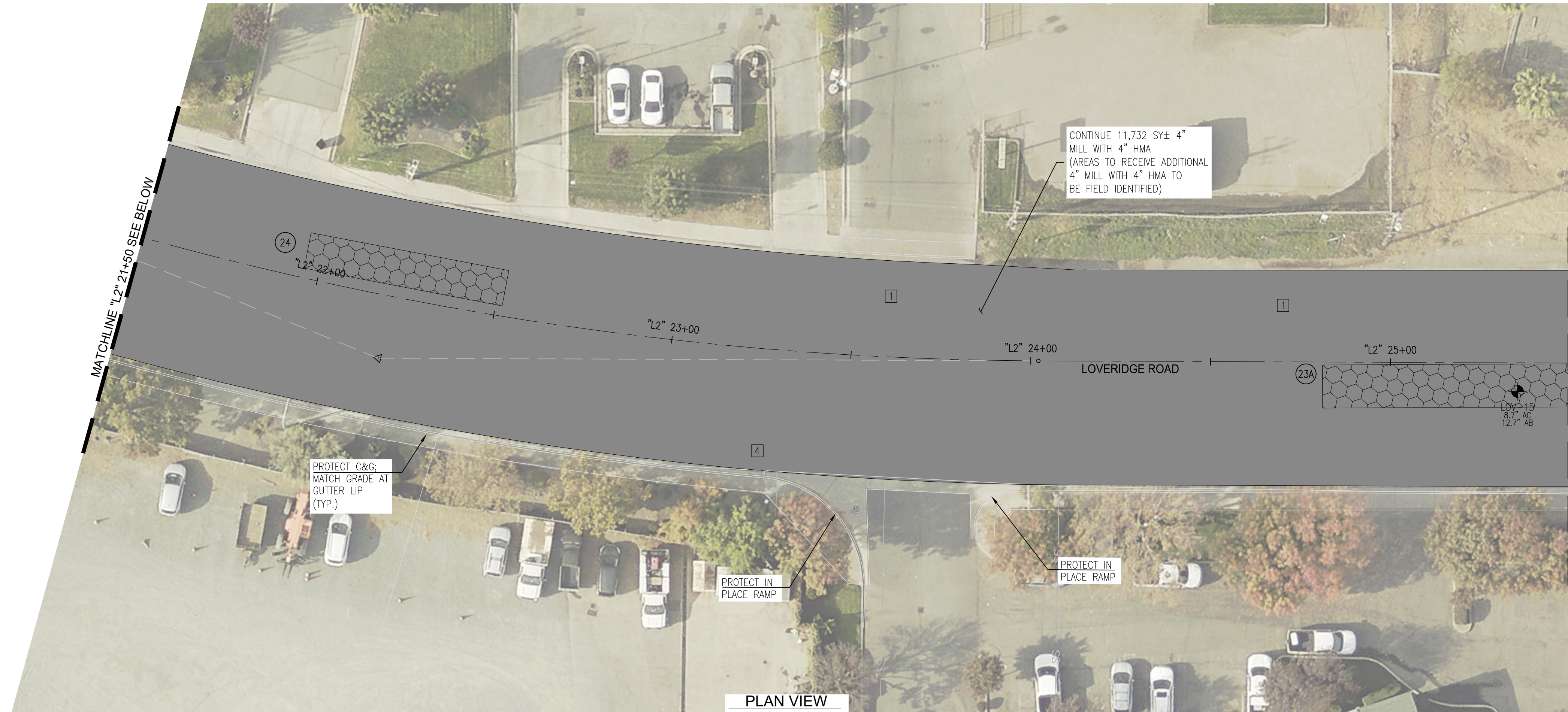
SHEET NO. 15 OF 34
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PLAN VIEW
 "L2" 17+50 TO 21+50
 SCALE: 1"=20'



PLAN VIEW
 "L2" 21+50 TO 25+50
 SCALE: 1"=20'

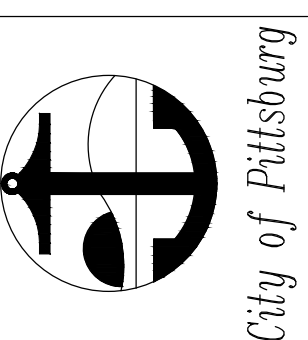
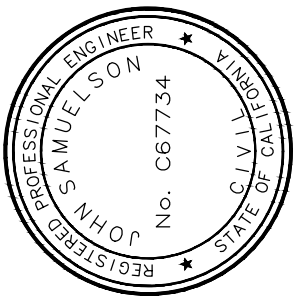
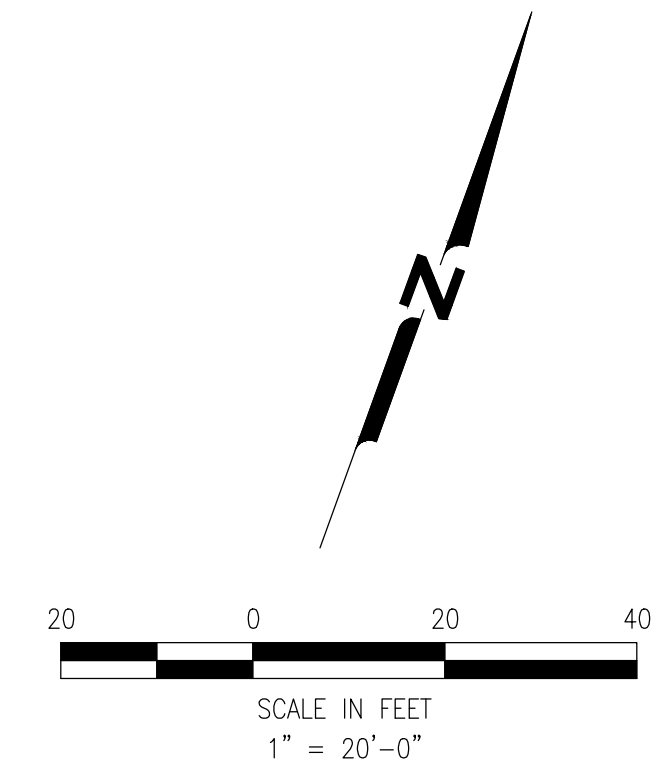
NOTES:

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POTENTIAL BASE REPAIR (4" DEPTH)			
NUMBER	LENGTH (FT)	WIDTH (FT)	AREA (SF)
(18)	7	11	77
(20)	50	24	1,200
(23A)	73	12	876
(23B)	143	6	858
(23C)	143	13	1,859
(24)	56	10	560
LOVERIDGE ROAD ESTIMATED TOTAL AREA (SF)			5,430
ESTIMATED TOTAL AREA (15% CONTINGENCY) (SF)			6,245

UTILITY KEYNOTES:

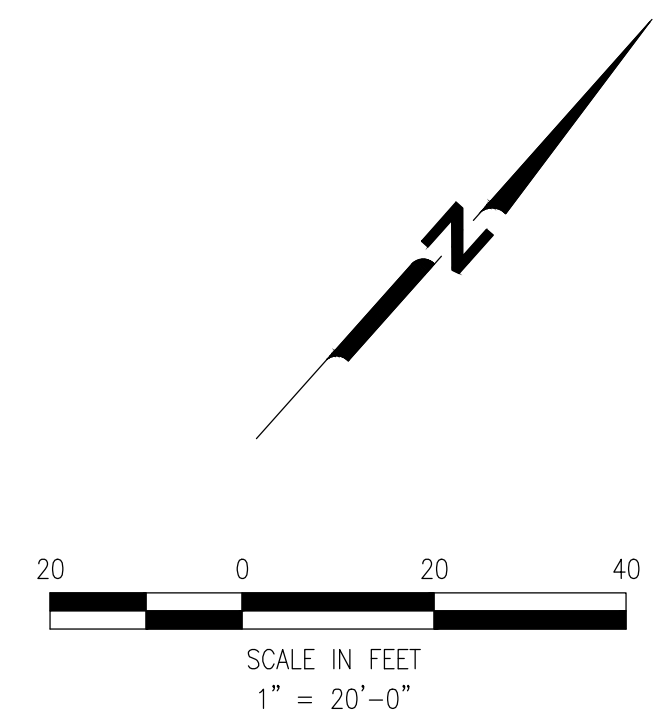
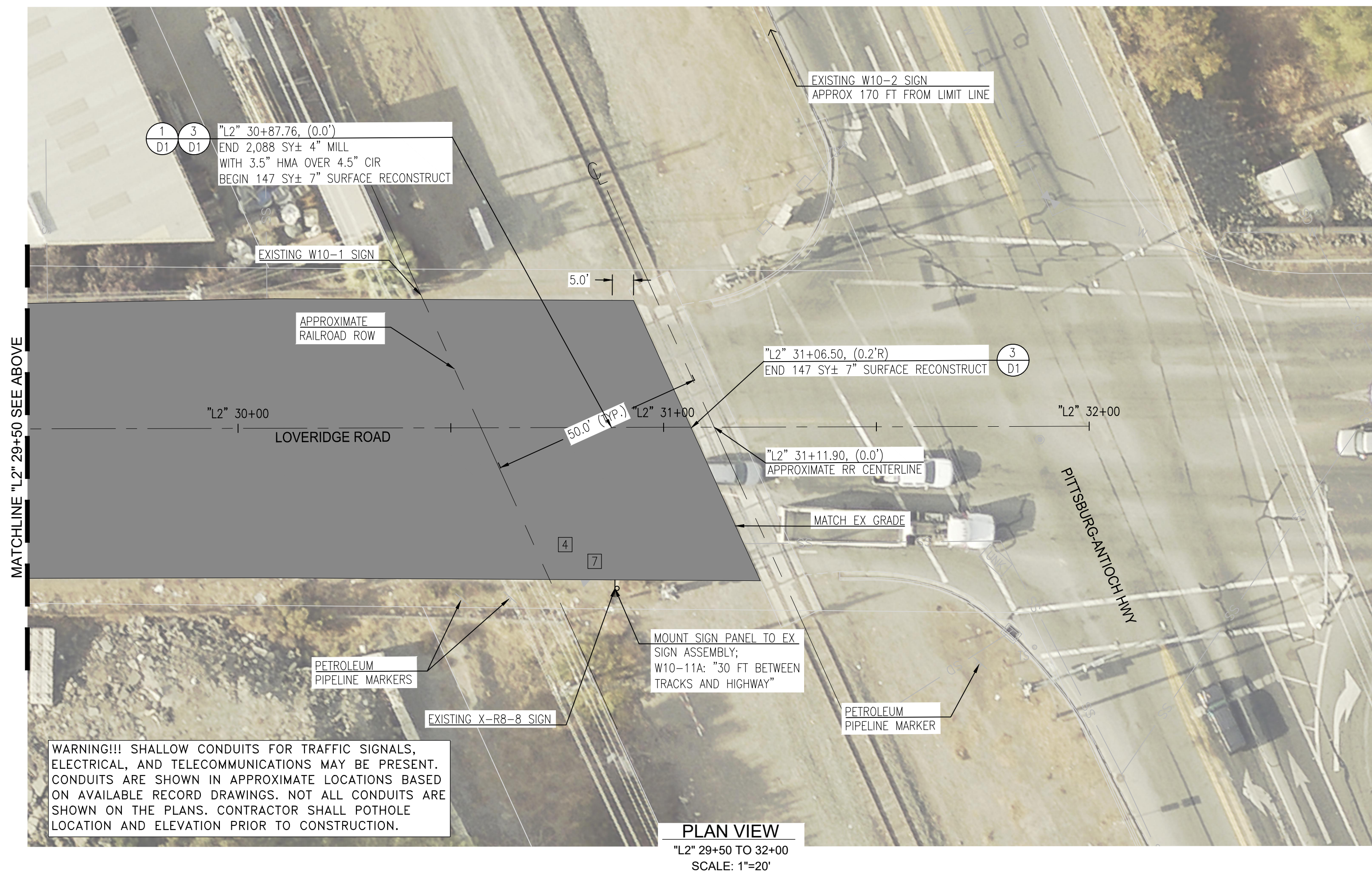
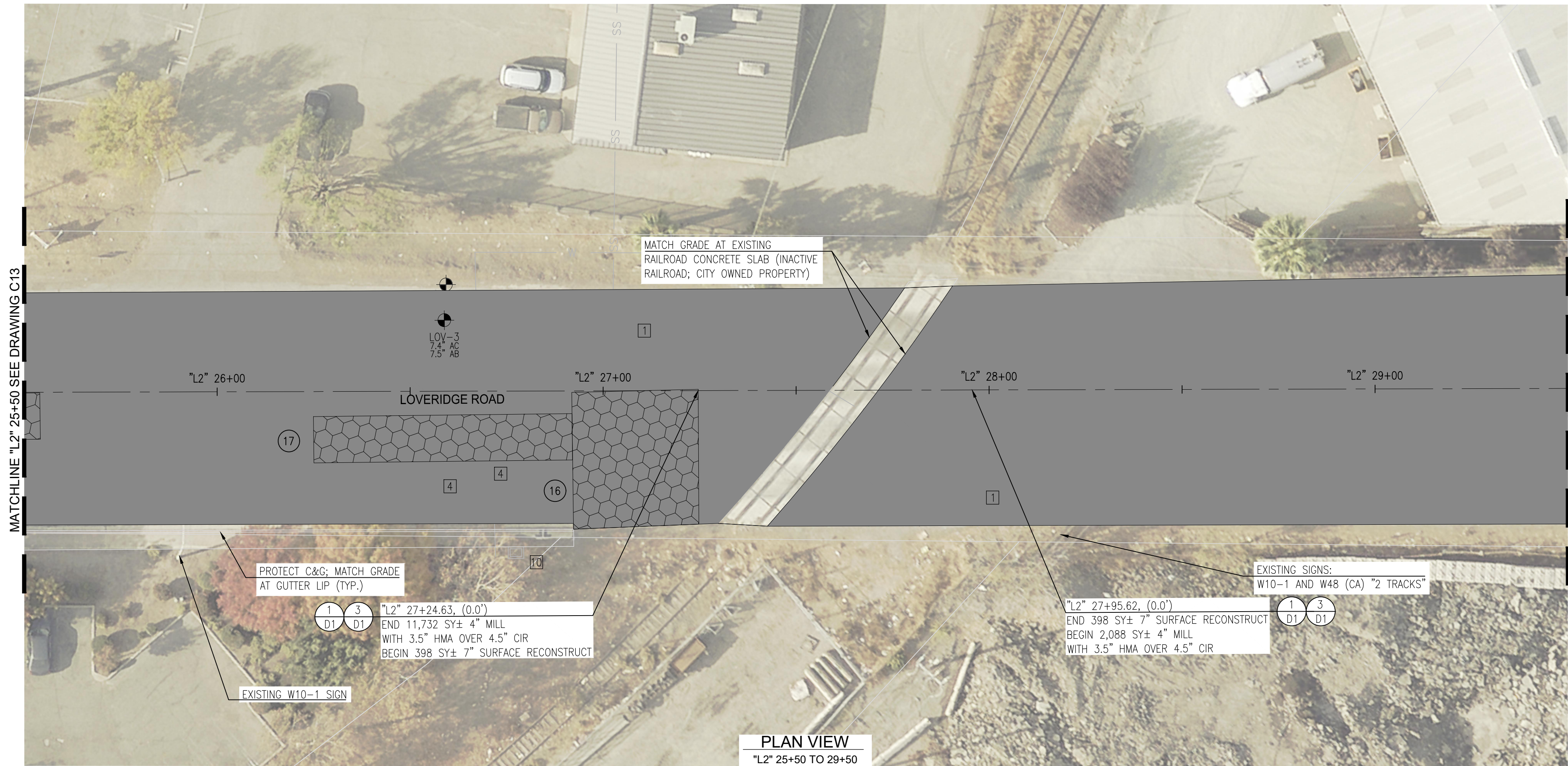
- 1 ADJUST SANITARY SEWER MANHOLE FRAME AND COVER TO GRADE (CITY OWNED); SEE DETAIL 3/D2.
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- 3 ADJUST COMMUNICATIONS MANHOLE COVERS TO GRADE (AT&T OWNED); SEE DETAIL 1/D2.
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- 9 ADJUST SANITARY SEWER CLEANOUT COVERS TO GRADE (CITY OWNED) SEE DETAIL 1/D2.
- 10 DRAIN INLET/ CATCH BASIN; PROTECT IN PLACE.



IMPROVEMENT PLAN -
LOVERIDGE ROAD "L2" 17+50
TO "L2" 25+50
 FEDERAL AID PROJECT #STPL 5127 (041), PROJECT
 #2231, WEST LELAND ROAD AND LOVERIDGE ROAD PHASE
 2 REHABILITATION PROJECT

DATE	REV	DESCRIPTION	BY	DRAWN:	CHECKED:	REVIEWED:	DATE:	SCALE:
								N/A
SHEET NO.			16 OF 34					
DWG. NO.			C13					

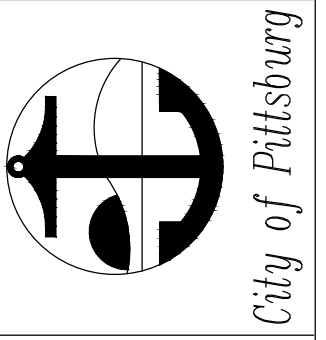
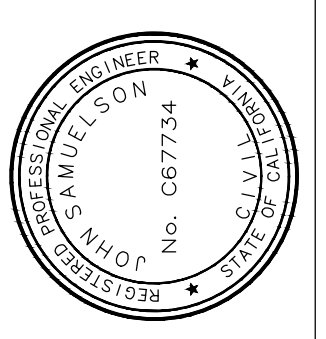
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- NOTES:**
1. AFTER REMOVAL OF STRIPING, MARKERS, OR MARKINGS, TEMPORARY PAVEMENT DELINEATION SHALL BE IMMEDIATELY PLACED PRIOR TO OPENING THE TRAVELED WAY TO PUBLIC TRAFFIC.
 2. PROTECT EXISTING CONCRETE VALLEY GUTTERS DURING CONSTRUCTION EXCEPT AS NOTED.
 3. SAWCUT PAVEMENT AT LIMIT OF WORK.
 4. CONCRETE REPAIR LOCATIONS ARE MARKED IN THE FIELD WITH WHITE PAINT. ALL CONCRETE WORK AND HMA PLUG ADJACENT TO CONCRETE WORK SHALL BE COMPLETED PRIOR TO THE PAVING WORK.
 5. ENGINEER AND CONTRACTOR SHALL MARK BASE REPAIRS IN THE FIELD TOGETHER, DURING WHICH THE ENGINEER AND CONTRACTOR SHALL RECORD THE AGREED UPON DIMENSIONS FOR EACH BASE REPAIR AT EACH LOCATION.
 6. FOR GENERAL NOTES SEE DRAWING G2.
 7. UNDERGROUND UTILITIES SHOWN ARE BASED ON AVAILABLE RECORD DRAWINGS. NOT ALL UNDERGROUND UTILITIES ARE SHOWN ON THE PLANS. CONTRACTOR SHALL POT-HOLE UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION. IF SHALLOW UTILITIES ARE ENCOUNTERED AND ARE IN CONFLICT WITH CONSTRUCTION, CONTRACTOR SHALL NOTIFY THE ENGINEER.

POTENTIAL BASE REPAIR (4" DEPTH)			
NUMBER	LENGTH (FT)	WIDTH (FT)	AREA (FT)
16	33	35	1,155
17	67	12	804
LOVRIDGE ROAD ESTIMATED TOTAL AREA (SF)			1,959
ESTIMATED TOTAL AREA (15% CONTINGENCY) (SF)			2,253

- UTILITY KEYNOTES:**
1. ADJUST SANITARY SEWER MANHOLE FRAME AND COVER TO GRADE (CITY OWNED); SEE DETAIL 3/D2.
 2. ADJUST STORM DRAIN MANHOLE FRAME AND COVER TO GRADE (CITY OWNED); SEE DETAIL 1/D2.
 3. ADJUST COMMUNICATIONS MANHOLE COVERS TO GRADE (AT&T OWNED); SEE DETAIL 1/D2.
 4. ADJUST WATER VALVE COVERS TO GRADE (CITY OWNED); SEE DETAIL 2/D2.
 5. ADJUST GAS VALVE COVERS TO GRADE (PG&E OWNED); SEE DETAIL 1/D2.
 6. ADJUST MONUMENT COVERS TO GRADE (CITY OWNED); SEE DETAIL 4/D2.
 7. ADJUST TRAFFIC SIGNAL COVERS TO GRADE (CITY OWNED); SEE DETAIL 1/D2.
 8. ADJUST WATER CATHODIC PROTECTION COVERS TO GRADE (CITY OWNED); SEE DETAIL 1/D2.
 9. ADJUST SANITARY SEWER CLEANOUT COVERS TO GRADE (CITY OWNED) SEE DETAIL 1/D2.
 10. DRAIN INLET/ CATCH BASIN; PROTECT IN PLACE.

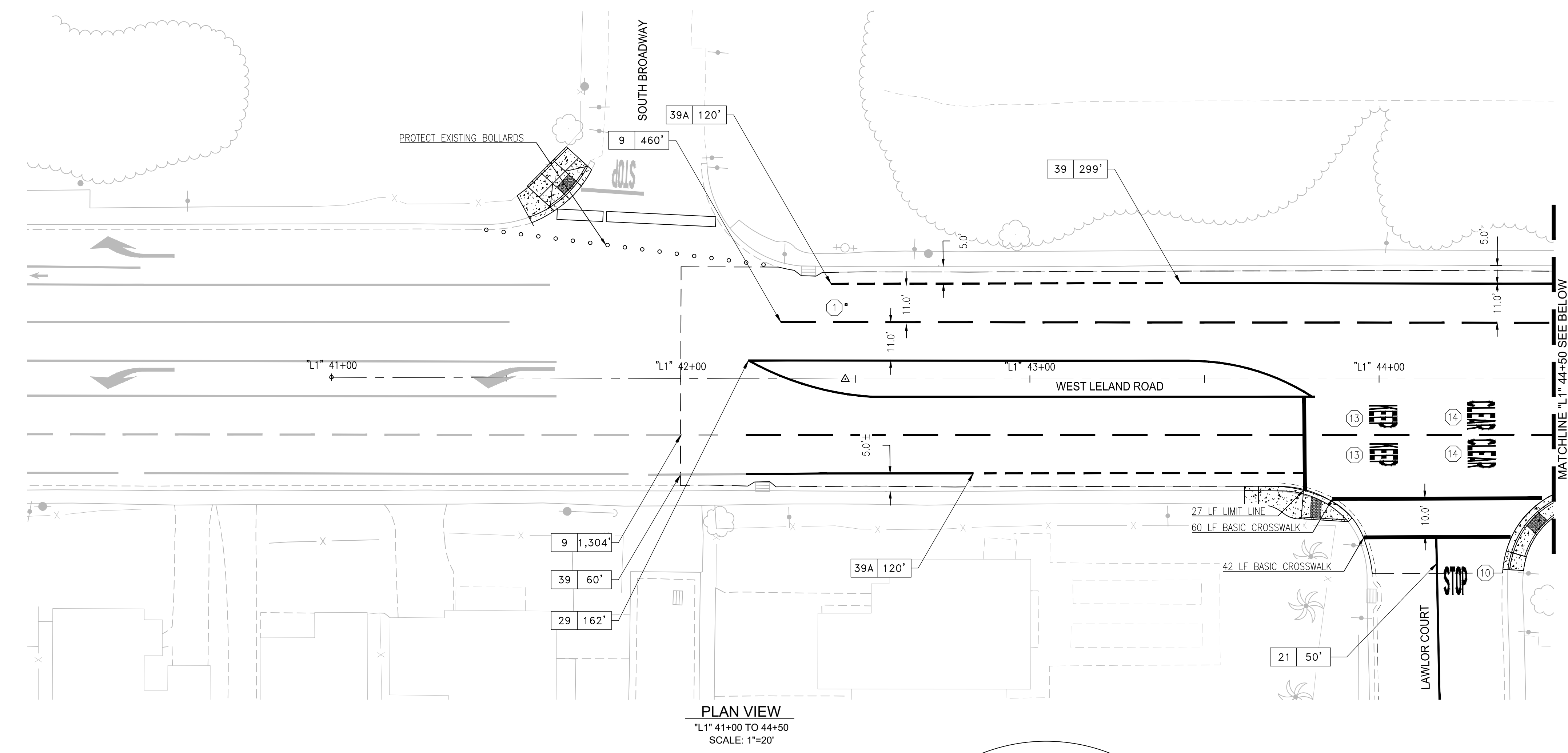


IMPROVEMENT PLAN -
LOVRIDGE ROAD "L2" 25+50
TO "L2" 32+00
FEDERAL AID PROJECT #STPL 5127 (041), PROJECT #2231, WEST LELAND ROAD AND LOVRIDGE ROAD PHASE 2 REHABILITATION PROJECT

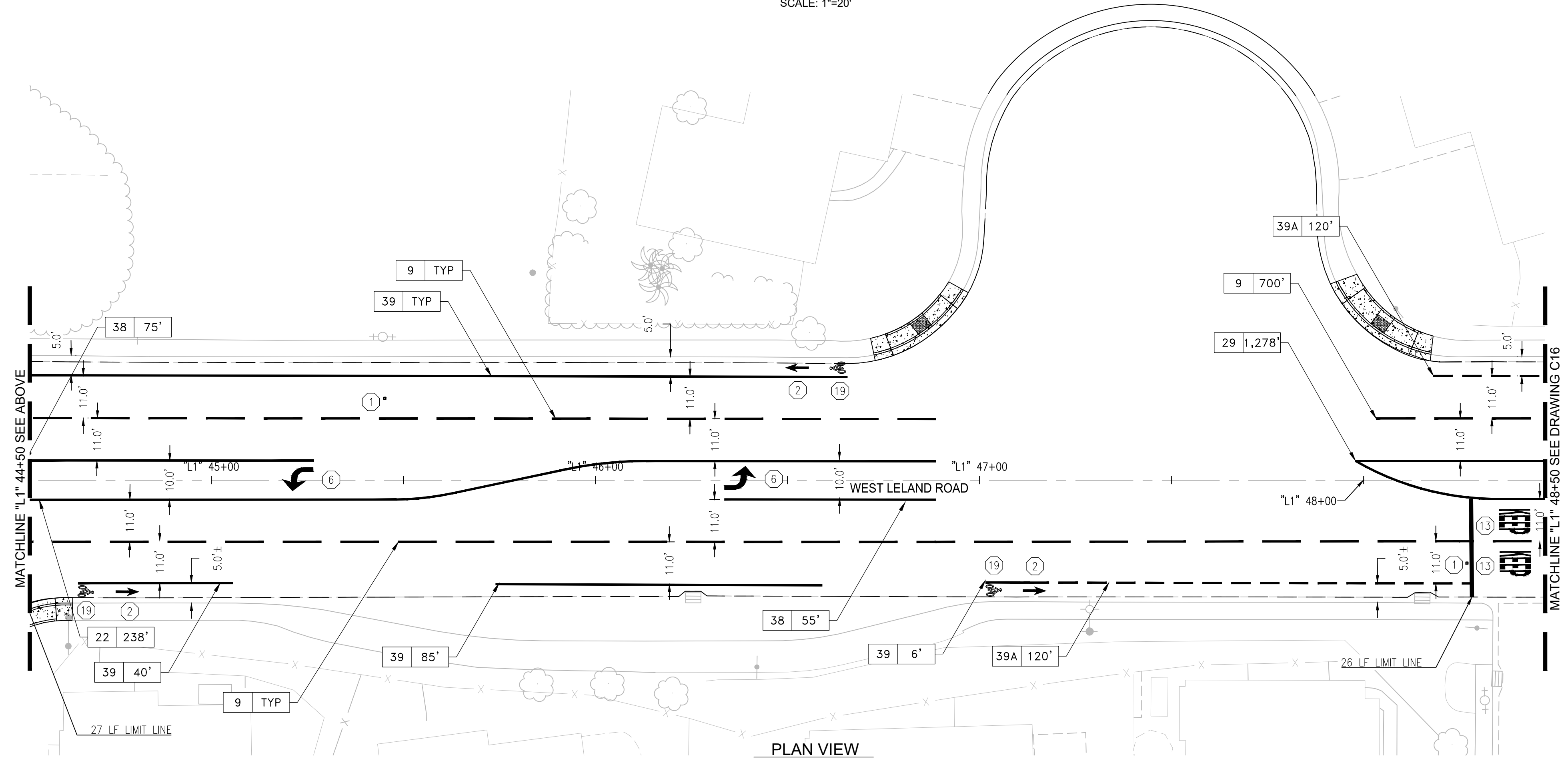
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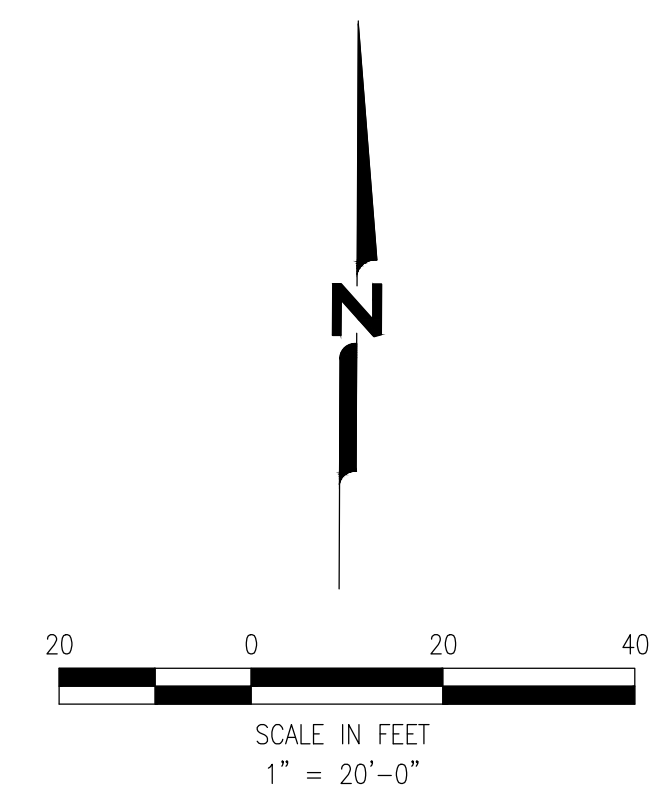
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PLAN VIEW
 "L1" 41+00 TO 44+50
 SCALE: 1"=20'

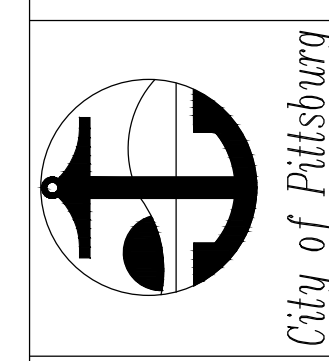
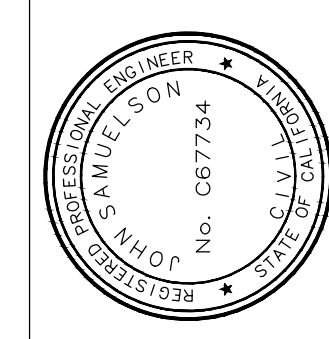


PLAN VIEW
 "L1" 44+50 TO 48+50
 SCALE: 1"=20'



- NOTES:**
- AFTER REMOVAL OF STRIPING OR MARKINGS, TEMPORARY PAVEMENT DELINEATION SHALL BE IMMEDIATELY PLACED PRIOR TO OPENING THE TRAVELED WAY TO PUBLIC TRAFFIC.
 - BIKE LANES SHALL BE 5' MINIMUM WIDTH.
 - MATCH STRIPING TO EXISTING STRIPING AT LIMITS.
 - FOR GENERAL NOTES SEE DRAWING G2.

- STRIPING KEYNOTES:**
- INSTALL FIRE HYDRANT BLUE MARKER
 - INSTALL CALTRANS BIKE LANE ARROW
 - NOT USED
 - NOT USED
 - NOT USED
 - INSTALL CALTRANS "TYPE IV ARROW"
 - INSTALL CALTRANS TYPE A LOOP DETECTOR
 - INSTALL CALTRANS TYPE D LOOP DETECTOR
 - INSTALL CALTRANS TYPE E LOOP DETECTOR
 - INSTALL CALTRANS PAVEMENT MARKING "STOP"
 - INSTALL CALTRANS PAVEMENT MARKING "AHEAD"
 - INSTALL CALTRANS PAVEMENT MARKING "SCHOOL"
 - INSTALL CALTRANS PAVEMENT MARKING "KEEP"
 - INSTALL CALTRANS PAVEMENT MARKING "CLEAR"
 - INSTALL CALTRANS PAVEMENT MARKING "SIGNAL"
 - INSTALL CALTRANS PAVEMENT MARKING "PED"
 - INSTALL CALTRANS PAVEMENT MARKING "XING"
 - INSTALL CALTRANS RAILROAD CROSSING PAVEMENT MARKING
 - INSTALL CALTRANS BIKE LANE SYMBOL WITH PERSON
 - INSTALL CALTRANS "TYPE II ARROW"
 - INSTALL CALTRANS "BICYCLE LOOP DETECTOR SYMBOL" AND BICYCLE LOOP DETECTOR
 - INSTALL CALTRANS "TYPE VII ARROW"
 - INSTALL CALTRANS "TYPE VIII ARROW"



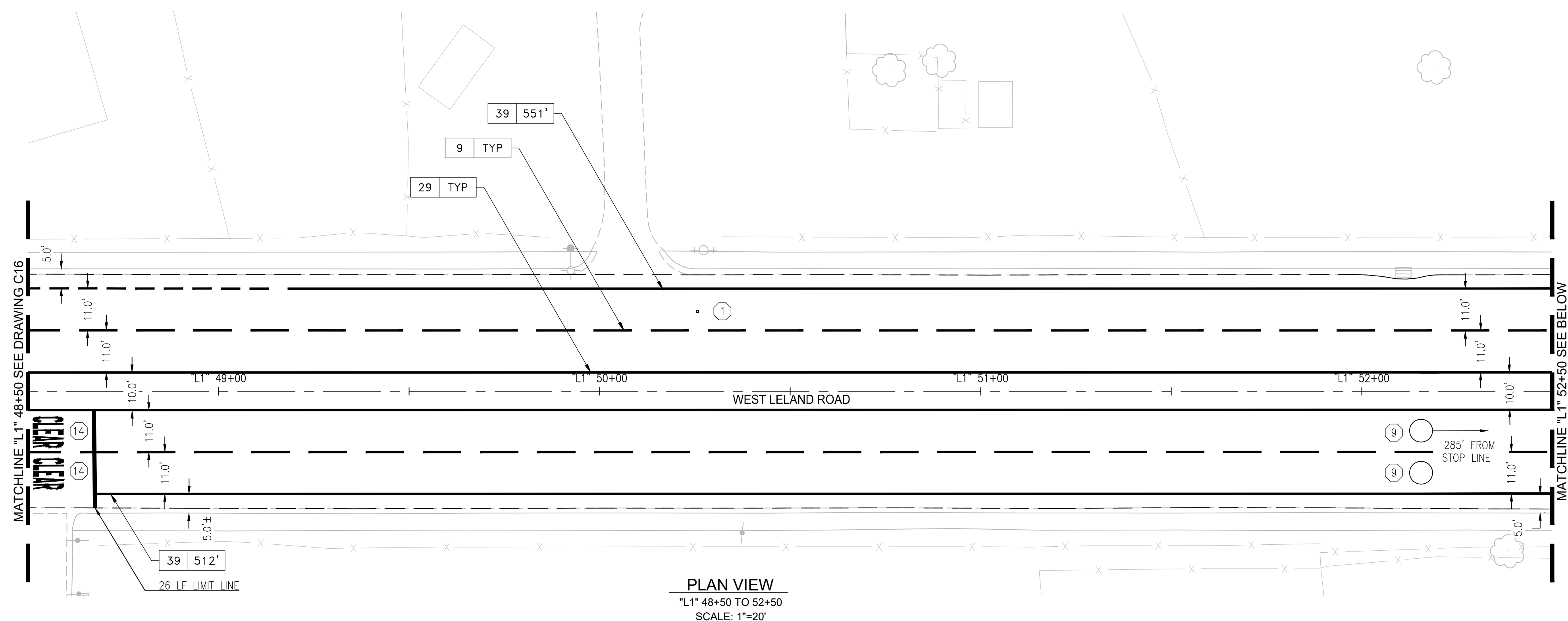
STRIPING PLAN -
LELAND ROAD "L1" 41+00 TO
"L1" 48+50
 FEDERAL AID PROJECT #STPL 5127 (041), PROJECT
 #2231, WEST LELAND ROAD AND LOVERIDGE ROAD PHASE
 2 REHABILITATION PROJECT

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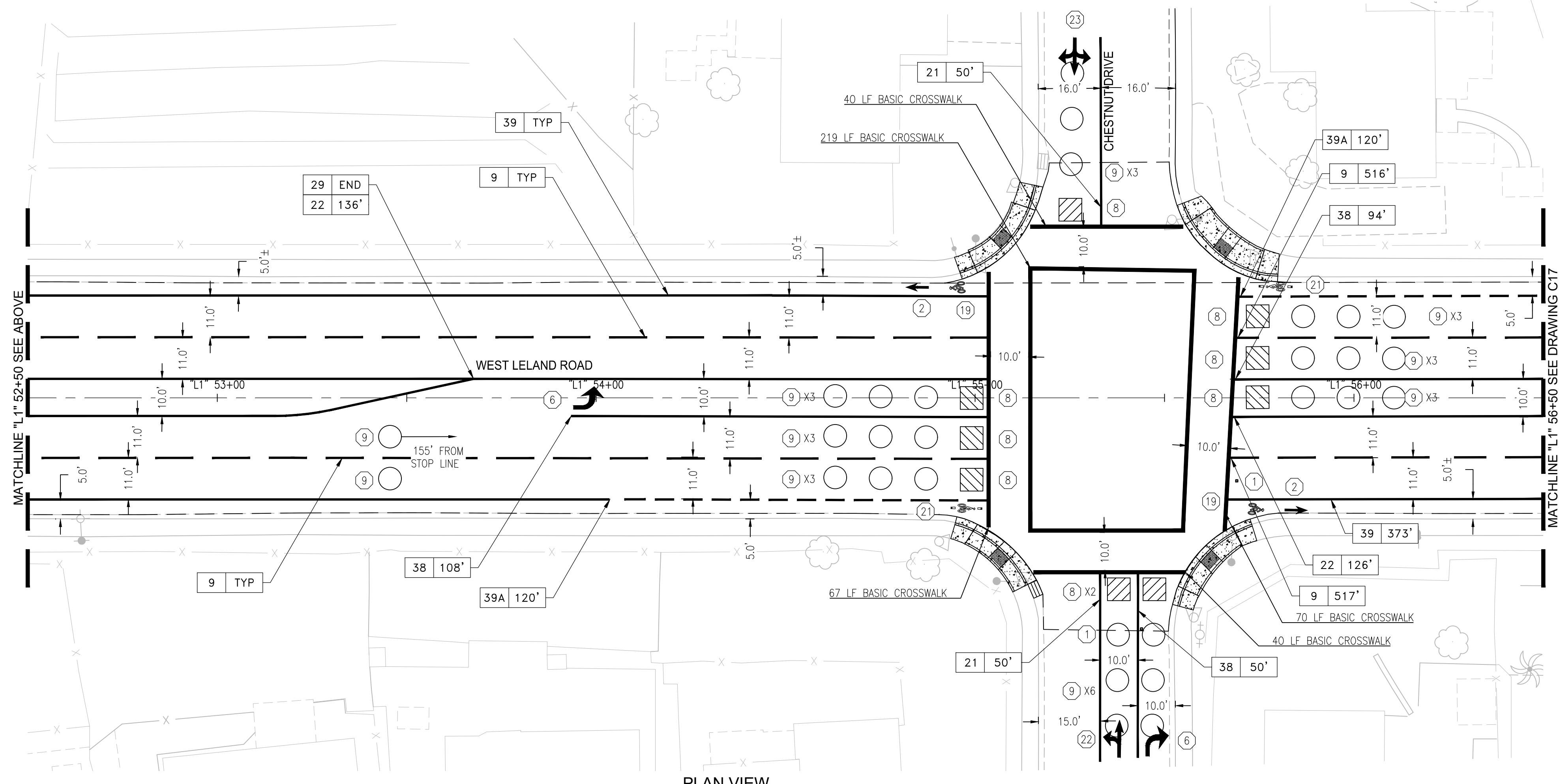
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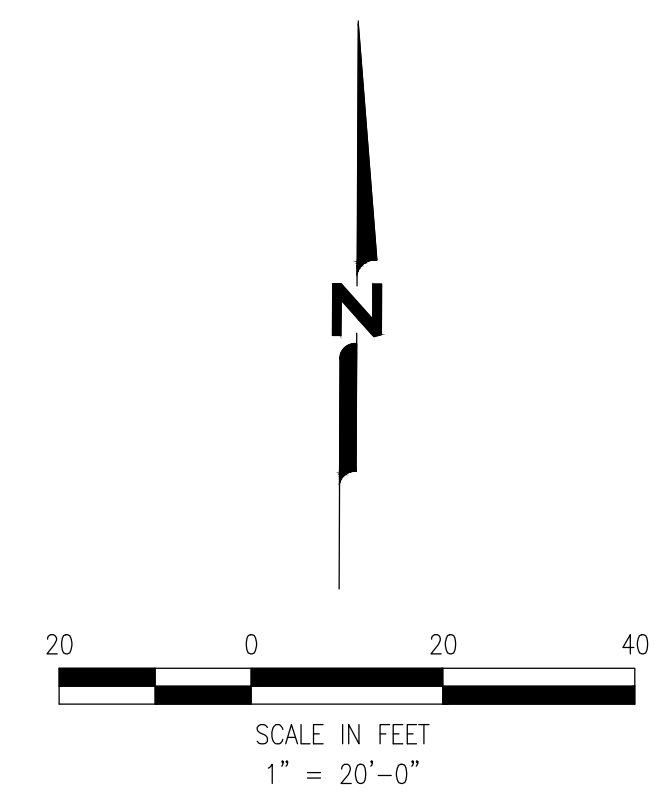
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PLAN VIEW
 "L1" 48+50 TO 52+50
 SCALE: 1"=20'

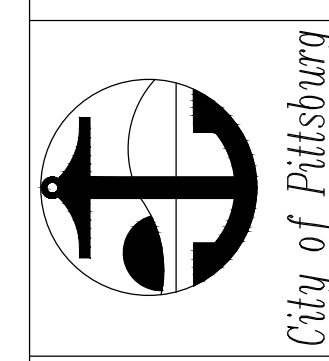
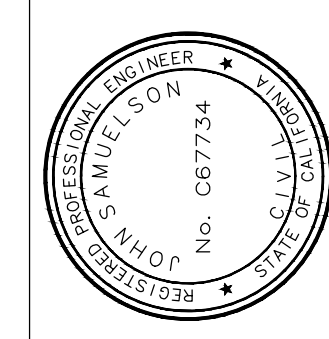


PLAN VIEW
 "L1" 52+50 TO 56+50
 SCALE: 1"=20'



- NOTES:**
- AFTER REMOVAL OF STRIPING OR MARKINGS, TEMPORARY PAVEMENT DELINEATION SHALL BE IMMEDIATELY PLACED PRIOR TO OPENING THE TRAVELED WAY TO PUBLIC TRAFFIC.
 - BIKE LANES SHALL BE 5' MINIMUM WIDTH.
 - MATCH STRIPING TO EXISTING STRIPING AT LIMITS.
 - FOR GENERAL NOTES SEE DRAWING G2.

- STRIPING KEYNOTES:**
- INSTALL FIRE HYDRANT BLUE MARKER
 - INSTALL CALTRANS BIKE LANE ARROW
 - NOT USED
 - NOT USED
 - NOT USED
 - INSTALL CALTRANS "TYPE IV ARROW"
 - INSTALL CALTRANS TYPE A LOOP DETECTOR
 - INSTALL CALTRANS TYPE D LOOP DETECTOR
 - INSTALL CALTRANS TYPE E LOOP DETECTOR
 - INSTALL CALTRANS PAVEMENT MARKING "STOP"
 - INSTALL CALTRANS PAVEMENT MARKING "AHEAD"
 - INSTALL CALTRANS PAVEMENT MARKING "SCHOOL"
 - INSTALL CALTRANS PAVEMENT MARKING "KEEP"
 - INSTALL CALTRANS PAVEMENT MARKING "CLEAR"
 - INSTALL CALTRANS PAVEMENT MARKING "SIGNAL"
 - INSTALL CALTRANS PAVEMENT MARKING "PED"
 - INSTALL CALTRANS PAVEMENT MARKING "XING"
 - INSTALL CALTRANS RAILROAD CROSSING PAVEMENT MARKING
 - INSTALL CALTRANS BIKE LANE SYMBOL WITH PERSON
 - INSTALL CALTRANS "TYPE II ARROW"
 - INSTALL CALTRANS "BICYCLE LOOP DETECTOR SYMBOL" AND BICYCLE LOOP DETECTOR
 - INSTALL CALTRANS "TYPE VII ARROW"
 - INSTALL CALTRANS "TYPE VIII ARROW"



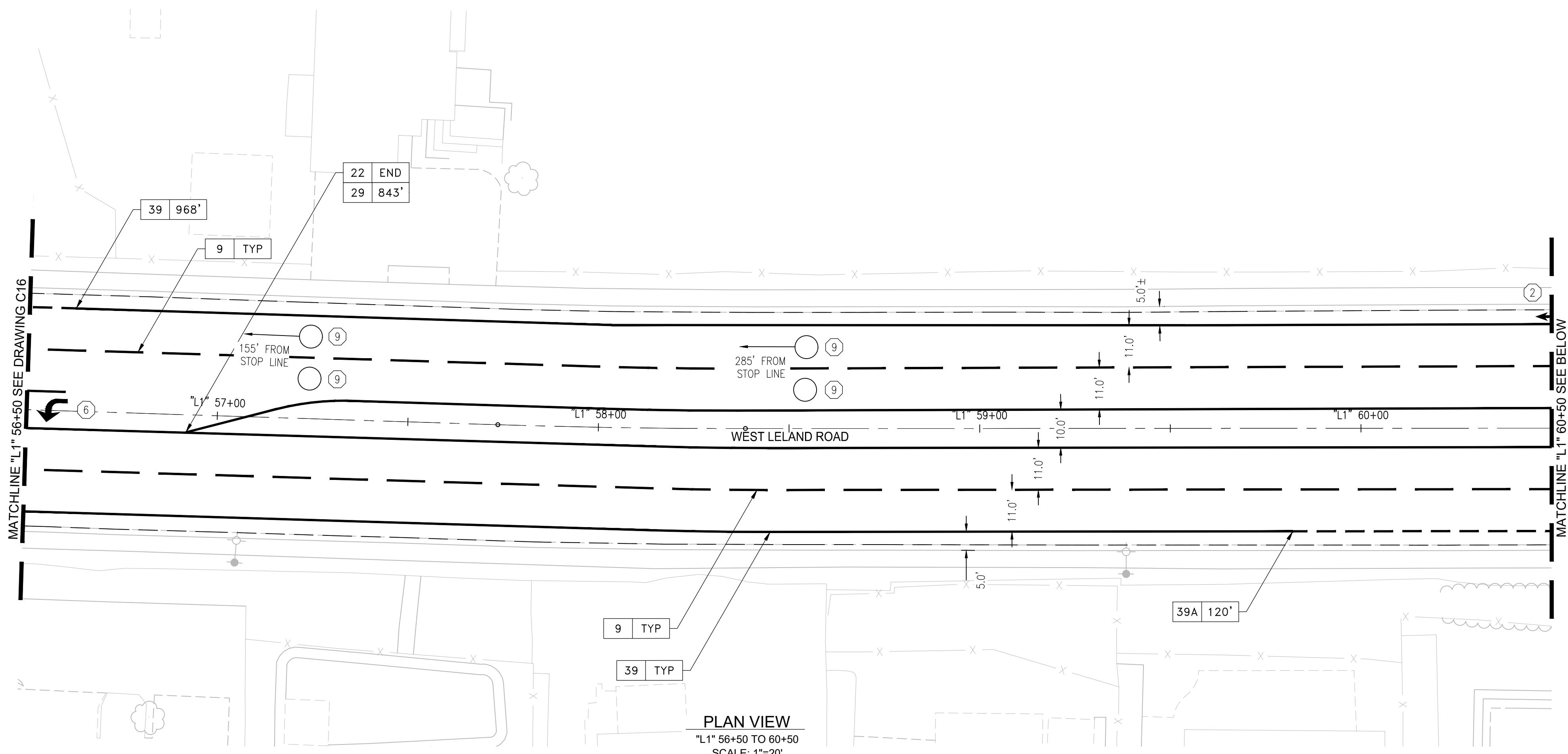
STRIPING PLAN -
LELAND ROAD "L1" 48+50 TO
"L1" 56+50
 FEDERAL AID PROJECT #STPL 5127 (041), PROJECT
 #2231, WEST LELAND ROAD AND LOVERIDGE ROAD PHASE
 2 REHABILITATION PROJECT

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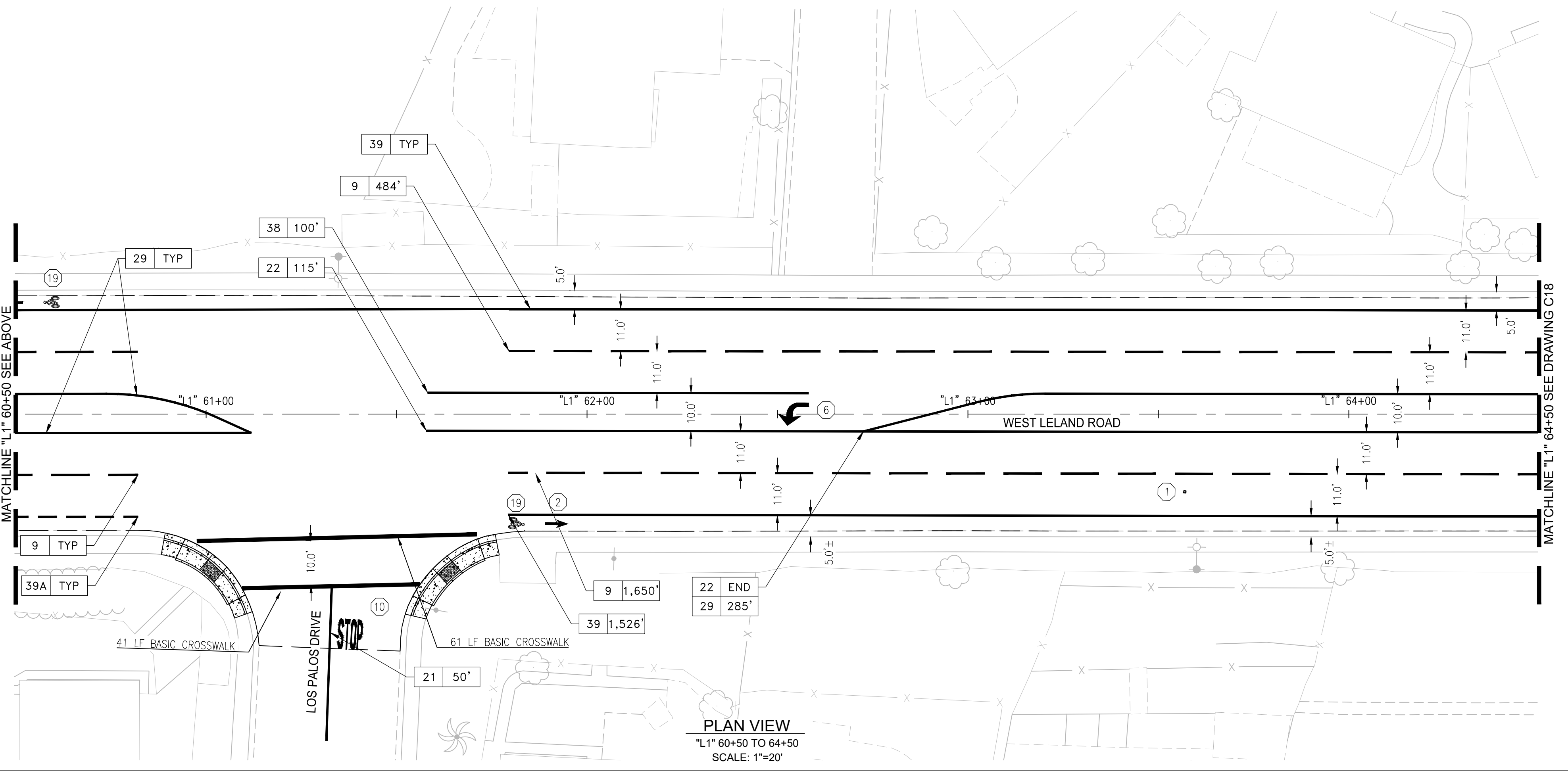
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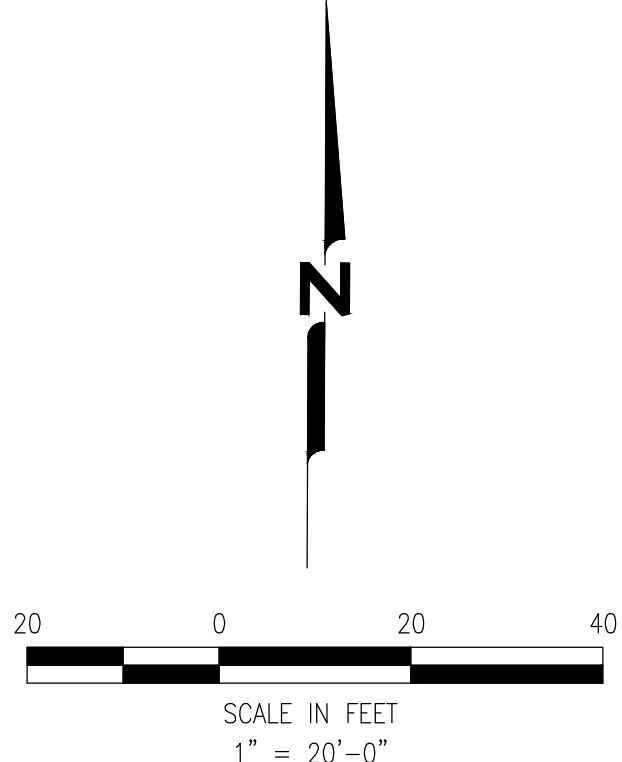
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PLAN VIEW
 "L1" 56+50 TO 60+50
 SCALE: 1"=20'

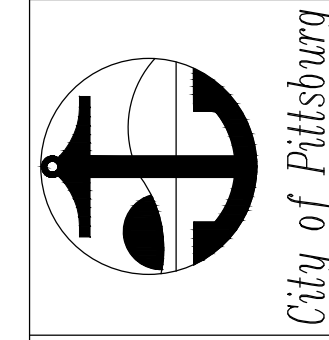
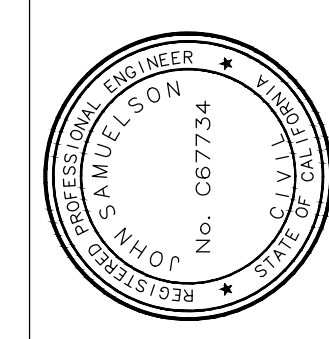


PLAN VIEW
 "L1" 60+50 TO 64+50
 SCALE: 1"=20'



- NOTES:**
- AFTER REMOVAL OF STRIPING OR MARKINGS, TEMPORARY PAVEMENT DELINEATION SHALL BE IMMEDIATELY PLACED PRIOR TO OPENING THE TRAVELED WAY TO PUBLIC TRAFFIC.
 - BIKE LANES SHALL BE 5' MINIMUM WIDTH.
 - MATCH STRIPING TO EXISTING STRIPING AT LIMITS.
 - FOR GENERAL NOTES SEE DRAWING G2.

- STRIPING KEYNOTES:**
- INSTALL FIRE HYDRANT BLUE MARKER
 - INSTALL CALTRANS BIKE LANE ARROW
 - NOT USED
 - NOT USED
 - NOT USED
 - INSTALL CALTRANS "TYPE IV ARROW"
 - INSTALL CALTRANS TYPE A LOOP DETECTOR
 - INSTALL CALTRANS TYPE D LOOP DETECTOR
 - INSTALL CALTRANS TYPE E LOOP DETECTOR
 - INSTALL CALTRANS PAVEMENT MARKING "STOP"
 - INSTALL CALTRANS PAVEMENT MARKING "AHEAD"
 - INSTALL CALTRANS PAVEMENT MARKING "SCHOOL"
 - INSTALL CALTRANS PAVEMENT MARKING "KEEP"
 - INSTALL CALTRANS PAVEMENT MARKING "CLEAR"
 - INSTALL CALTRANS PAVEMENT MARKING "SIGNAL"
 - INSTALL CALTRANS PAVEMENT MARKING "PED"
 - INSTALL CALTRANS PAVEMENT MARKING "XING"
 - INSTALL CALTRANS RAILROAD CROSSING PAVEMENT MARKING
 - INSTALL CALTRANS BIKE LANE SYMBOL WITH PERSON
 - INSTALL CALTRANS "TYPE II ARROW"
 - INSTALL CALTRANS "BICYCLE LOOP DETECTOR SYMBOL" AND BICYCLE LOOP DETECTOR
 - INSTALL CALTRANS "TYPE VII ARROW"
 - INSTALL CALTRANS "TYPE VIII ARROW"



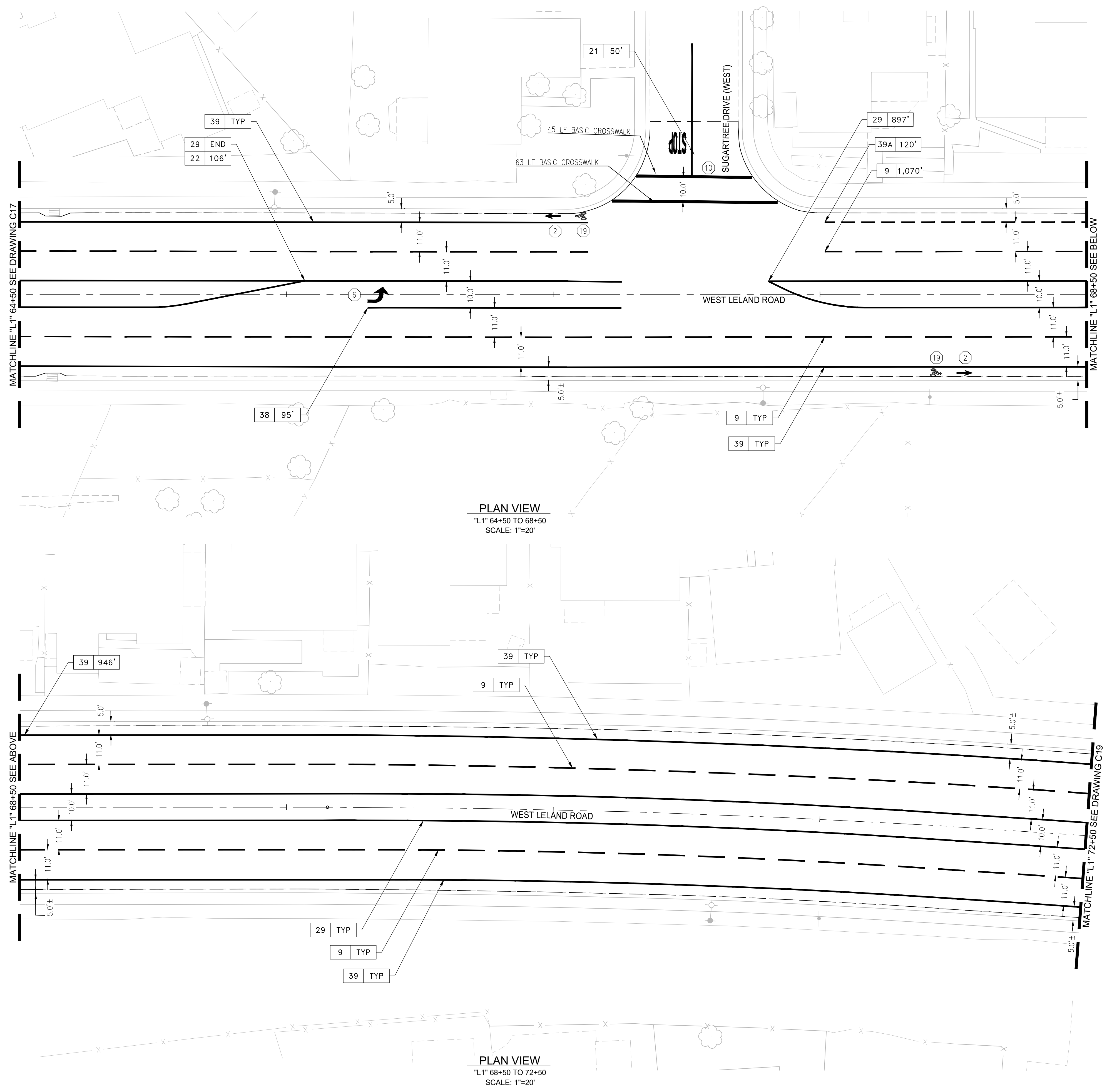
STRIPING PLAN -
LELAND ROAD "L1" 56+50 TO
"L1" 64+50
 FEDERAL AID PROJECT #STPL 5127 (041), PROJECT
 #2231, WEST LELAND ROAD AND LOVERIDGE ROAD PHASE
 2 REHABILITATION PROJECT

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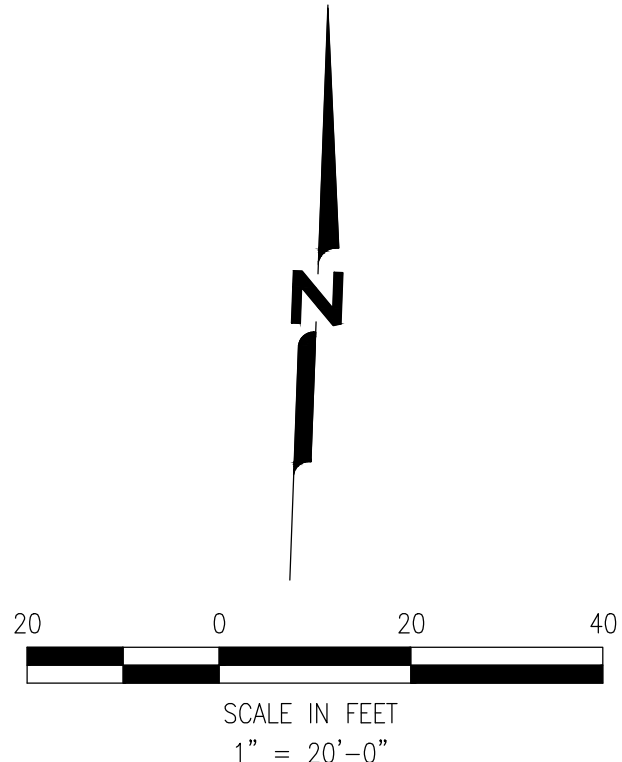


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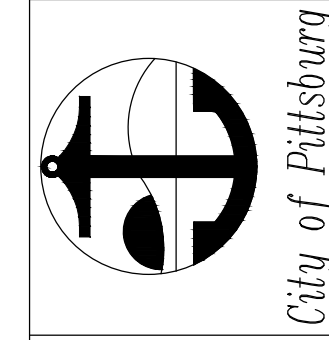
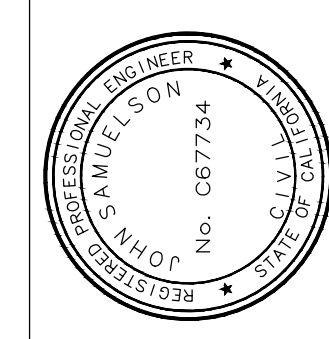
PLAN VIEW
 "L1" 64+50 TO 68+50
 SCALE: 1"=20'

PLAN VIEW
 "L1" 68+50 TO 72+50
 SCALE: 1"=20'



- NOTES:**
- AFTER REMOVAL OF STRIPING OR MARKINGS, TEMPORARY PAVEMENT DELINEATION SHALL BE IMMEDIATELY PLACED PRIOR TO OPENING THE TRAVELED WAY TO PUBLIC TRAFFIC.
 - BIKE LANES SHALL BE 5' MINIMUM WIDTH.
 - MATCH STRIPING TO EXISTING STRIPING AT LIMITS.
 - FOR GENERAL NOTES SEE DRAWING G2.

- STRIPING KEYNOTES:**
- INSTALL FIRE HYDRANT BLUE MARKER
 - INSTALL CALTRANS BIKE LANE ARROW
 - NOT USED
 - NOT USED
 - NOT USED
 - INSTALL CALTRANS "TYPE IV ARROW"
 - INSTALL CALTRANS TYPE A LOOP DETECTOR
 - INSTALL CALTRANS TYPE D LOOP DETECTOR
 - INSTALL CALTRANS TYPE E LOOP DETECTOR
 - INSTALL CALTRANS PAVEMENT MARKING "STOP"
 - INSTALL CALTRANS PAVEMENT MARKING "AHEAD"
 - INSTALL CALTRANS PAVEMENT MARKING "SCHOOL"
 - INSTALL CALTRANS PAVEMENT MARKING "KEEP"
 - INSTALL CALTRANS PAVEMENT MARKING "CLEAR"
 - INSTALL CALTRANS PAVEMENT MARKING "SIGNAL"
 - INSTALL CALTRANS PAVEMENT MARKING "PED"
 - INSTALL CALTRANS PAVEMENT MARKING "XING"
 - INSTALL CALTRANS RAILROAD CROSSING PAVEMENT MARKING
 - INSTALL CALTRANS BIKE LANE SYMBOL WITH PERSON
 - INSTALL CALTRANS "TYPE II ARROW"
 - INSTALL CALTRANS "BICYCLE LOOP DETECTOR SYMBOL" AND BICYCLE LOOP DETECTOR
 - INSTALL CALTRANS "TYPE VII ARROW"
 - INSTALL CALTRANS "TYPE VIII ARROW"



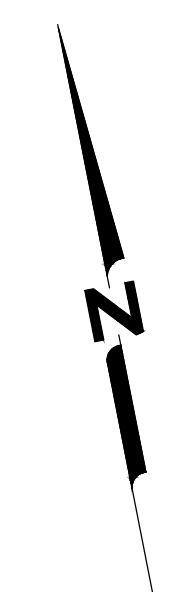
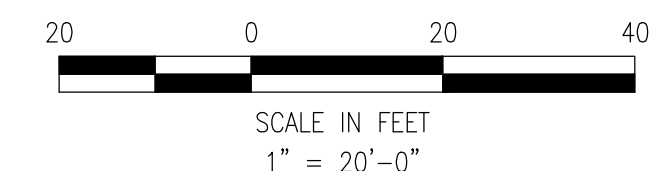
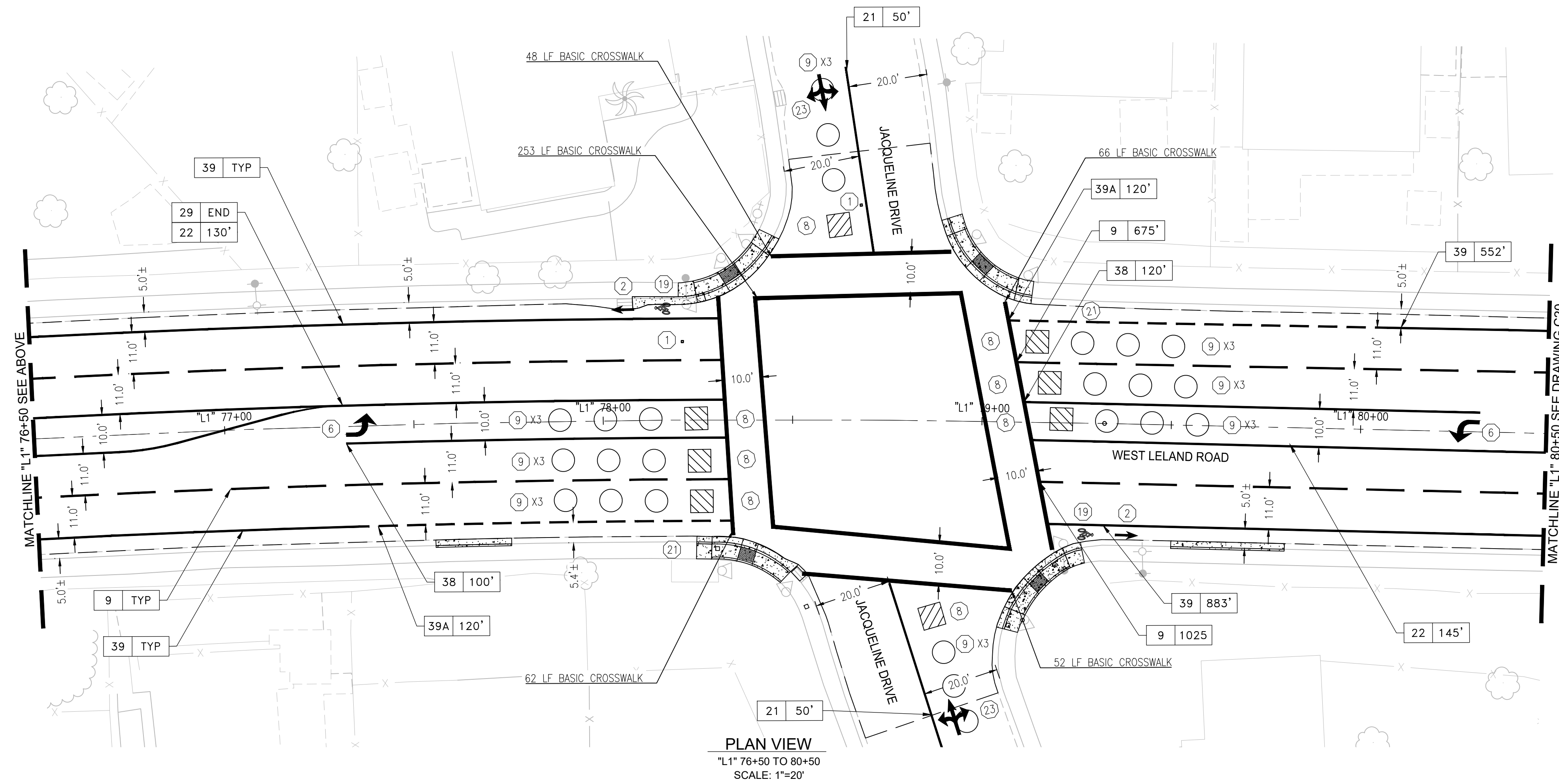
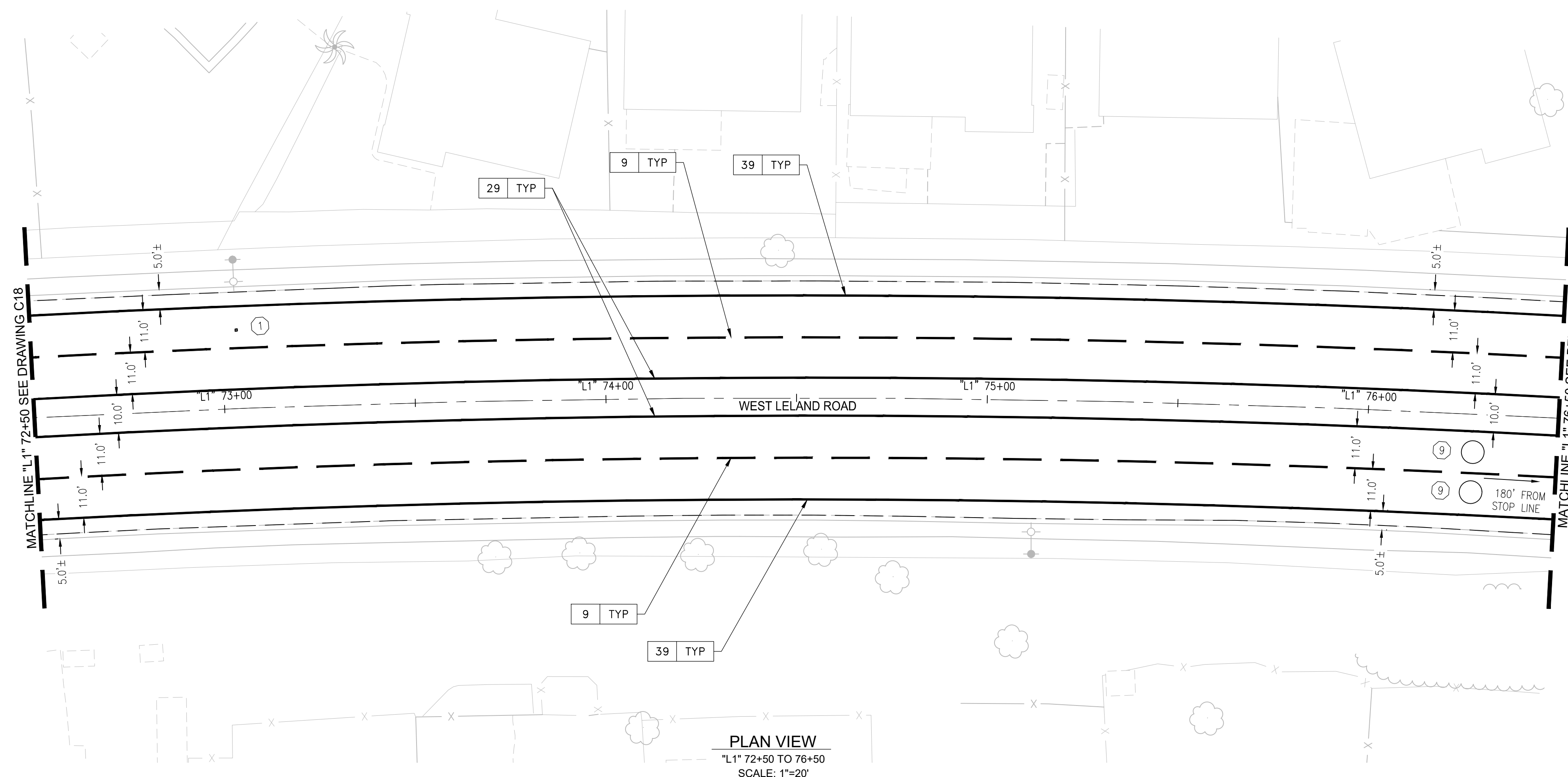
STRIPING PLAN -
LELAND ROAD "L1" 64+50 TO
"L1" 72+50
 FEDERAL AID PROJECT #STPL 5127 (041), PROJECT
 #2231, WEST LELAND ROAD AND LOVERIDGE ROAD PHASE
 2 REHABILITATION PROJECT

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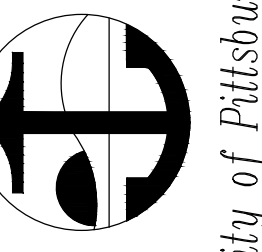
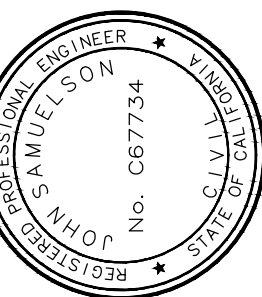


NOTES:

1. AFTER REMOVAL OF STRIPING OR MARKINGS, TEMPORARY PAVEMENT DELINEATION SHALL BE IMMEDIATELY PLACED PRIOR TO OPENING THE TRAVELED WAY TO PUBLIC TRAFFIC.
2. BIKE LANES SHALL BE 5' MINIMUM WIDTH.
3. MATCH STRIPING TO EXISTING STRIPING AT LIMITS.
4. FOR GENERAL NOTES SEE DRAWING G2.

STRIPING KEYNOTES:

- ① INSTALL FIRE HYDRANT BLUE MARKER
- ② INSTALL CALTRANS BIKE LANE ARROW
- ③ NOT USED
- ④ NOT USED
- ⑤ NOT USED
- ⑥ INSTALL CALTRANS "TYPE IV ARROW"
- ⑦ INSTALL CALTRANS TYPE A LOOP DETECTOR
- ⑧ INSTALL CALTRANS TYPE D LOOP DETECTOR
- ⑨ INSTALL CALTRANS TYPE E LOOP DETECTOR
- ⑩ INSTALL CALTRANS PAVEMENT MARKING "STOP"
- ⑪ INSTALL CALTRANS PAVEMENT MARKING "AHEAD"
- ⑫ INSTALL CALTRANS PAVEMENT MARKING "SCHOOL"
- ⑬ INSTALL CALTRANS PAVEMENT MARKING "KEEP"
- ⑭ INSTALL CALTRANS PAVEMENT MARKING "CLEAR"
- ⑮ INSTALL CALTRANS PAVEMENT MARKING "SIGNAL"
- ⑯ INSTALL CALTRANS PAVEMENT MARKING "PED"
- ⑰ INSTALL CALTRANS PAVEMENT MARKING "XING"
- ⑱ INSTALL CALTRANS RAILROAD CROSSING PAVEMENT MARKING
- ⑲ INSTALL CALTRANS BIKE LANE SYMBOL WITH PERSON
- ⑳ INSTALL CALTRANS "TYPE II ARROW"
- ㉑ INSTALL CALTRANS "BICYCLE LOOP DETECTOR SYMBOL" AND BICYCLE LOOP DETECTOR
- ㉒ INSTALL CALTRANS "TYPE VII ARROW"
- ㉓ INSTALL CALTRANS "TYPE VIII ARROW"



STRIPING PLAN -
LELAND ROAD "L1" 72+50 TO
"L1" 80+50
 FEDERAL AID PROJECT #STPL 5127 (041), PROJECT
 #2231, WEST LELAND ROAD AND LOVERIDGE ROAD PHASE
 2 REHABILITATION PROJECT

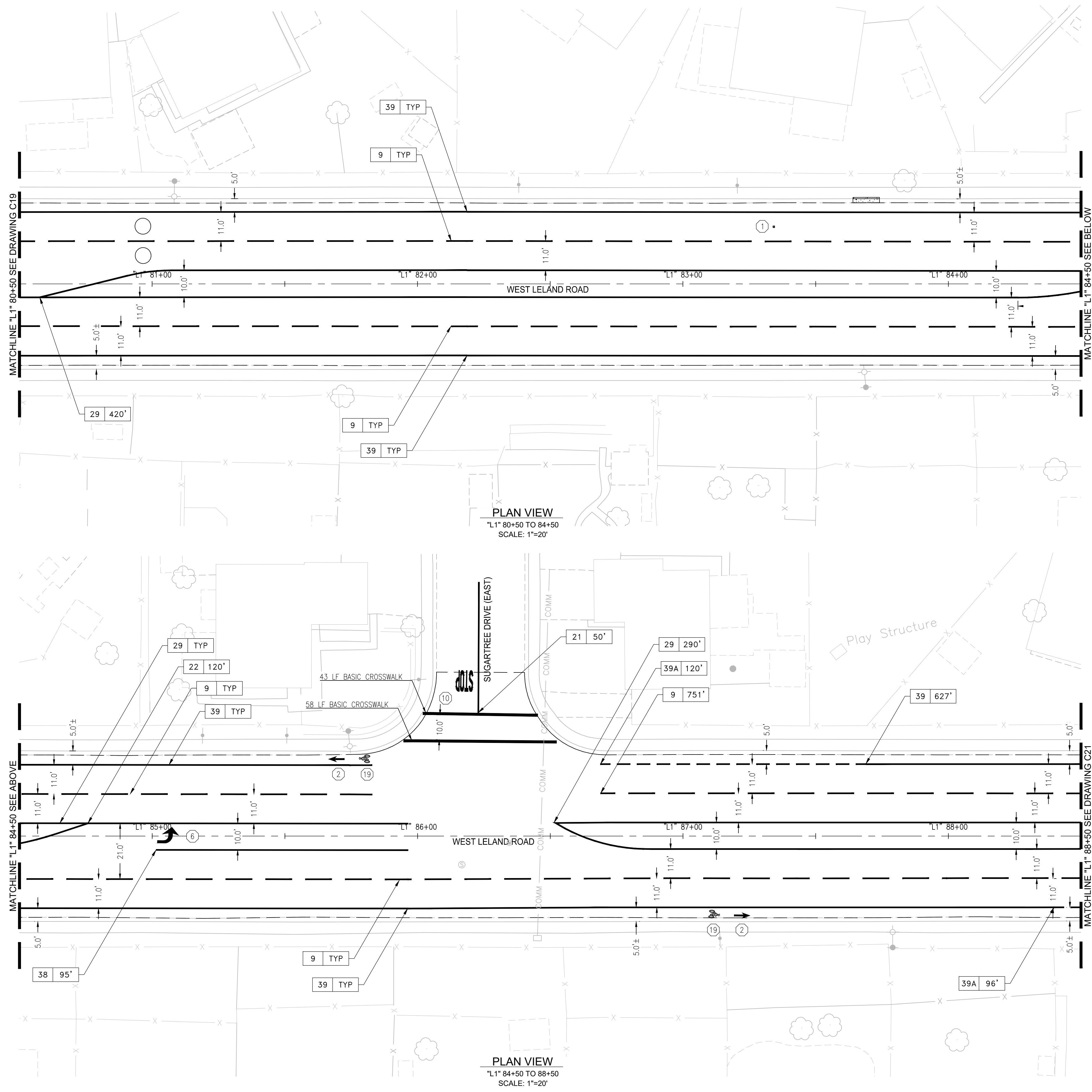
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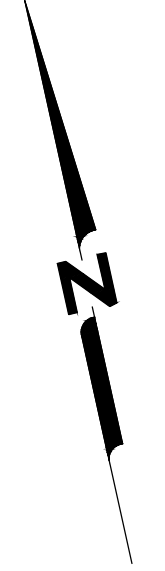
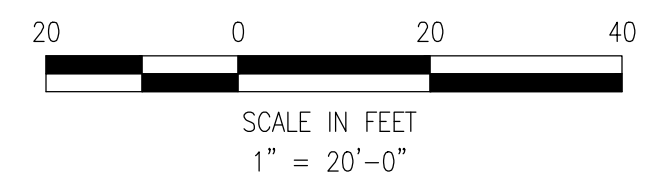


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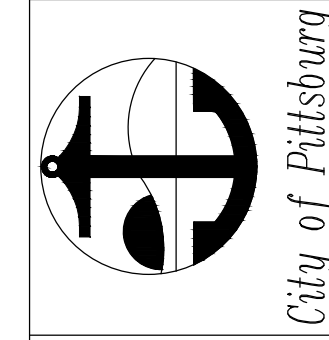
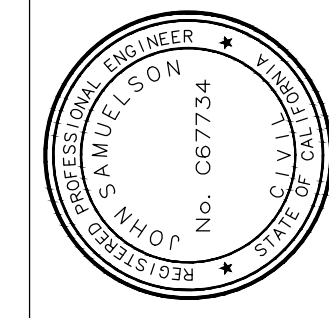
PLAN VIEW
 "L1" 80+50 TO 84+50
 SCALE: 1"=20'

PLAN VIEW
 "L1" 84+50 TO 88+50
 SCALE: 1"=20'



- NOTES:**
- AFTER REMOVAL OF STRIPING OR MARKINGS, TEMPORARY PAVEMENT DELINEATION SHALL BE IMMEDIATELY PLACED PRIOR TO OPENING THE TRAVELED WAY TO PUBLIC TRAFFIC.
 - BIKE LANES SHALL BE 5' MINIMUM WIDTH.
 - MATCH STRIPING TO EXISTING STRIPING AT LIMITS.
 - FOR GENERAL NOTES SEE DRAWING G2.

- STRIPING KEYNOTES:**
- INSTALL FIRE HYDRANT BLUE MARKER
 - INSTALL CALTRANS BIKE LANE ARROW
 - NOT USED
 - NOT USED
 - NOT USED
 - INSTALL CALTRANS "TYPE IV ARROW"
 - INSTALL CALTRANS TYPE A LOOP DETECTOR
 - INSTALL CALTRANS TYPE D LOOP DETECTOR
 - INSTALL CALTRANS TYPE E LOOP DETECTOR
 - INSTALL CALTRANS PAVEMENT MARKING "STOP"
 - INSTALL CALTRANS PAVEMENT MARKING "AHEAD"
 - INSTALL CALTRANS PAVEMENT MARKING "SCHOOL"
 - INSTALL CALTRANS PAVEMENT MARKING "KEEP"
 - INSTALL CALTRANS PAVEMENT MARKING "CLEAR"
 - INSTALL CALTRANS PAVEMENT MARKING "SIGNAL"
 - INSTALL CALTRANS PAVEMENT MARKING "PED"
 - INSTALL CALTRANS PAVEMENT MARKING "XING"
 - INSTALL CALTRANS RAILROAD CROSSING PAVEMENT MARKING
 - INSTALL CALTRANS BIKE LANE SYMBOL WITH PERSON
 - INSTALL CALTRANS "TYPE II ARROW"
 - INSTALL CALTRANS "BICYCLE LOOP DETECTOR SYMBOL" AND BICYCLE LOOP DETECTOR
 - INSTALL CALTRANS "TYPE VII ARROW"
 - INSTALL CALTRANS "TYPE VIII ARROW"



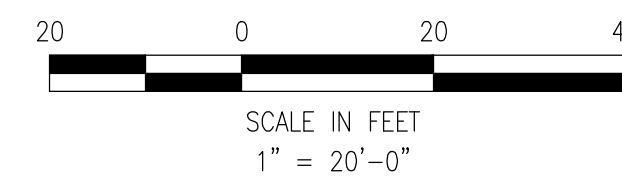
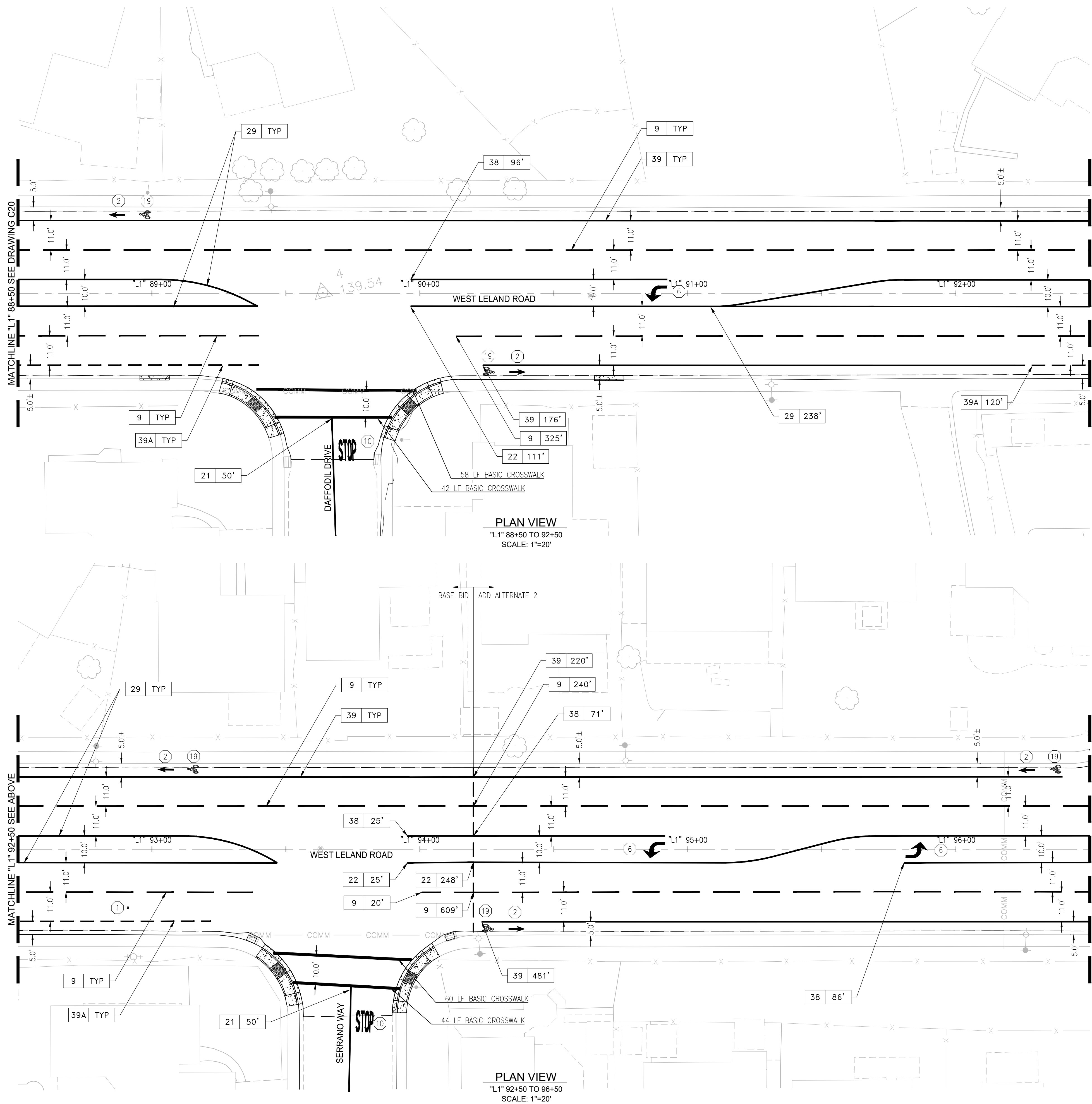
STRIPING PLAN -
LELAND ROAD "L1" 81+50 TO
"L1" 88+50
 FEDERAL AID PROJECT #STPL 5127 (041), PROJECT
 #2231, WEST LELAND ROAD AND LOVERIDGE ROAD PHASE
 2 REHABILITATION PROJECT

DATE	REV	DESCRIPTION	BY	DRAWN:	CHECKED:	REVIEWED:	DATE:	SCALE:
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SHEET NO.
 23 OF 34
 DWG. NO.
C20



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NOTES:

1. AFTER REMOVAL OF STRIPING OR MARKINGS, TEMPORARY PAVEMENT DELINEATION SHALL BE IMMEDIATELY PLACED PRIOR TO OPENING THE TRAVELED WAY TO PUBLIC TRAFFIC.
2. BIKE LANES SHALL BE 5' MINIMUM WIDTH.
3. MATCH STRIPING TO EXISTING STRIPING AT LIMITS.
4. FOR GENERAL NOTES SEE DRAWING G2.

STRIPING KEYNOTES:

- ① INSTALL FIRE HYDRANT BLUE MARKER
- ② INSTALL CALTRANS BIKE LANE ARROW
- ③ NOT USED
- ④ NOT USED
- ⑤ NOT USED
- ⑥ INSTALL CALTRANS "TYPE IV ARROW"
- ⑦ INSTALL CALTRANS TYPE A LOOP DETECTOR
- ⑧ INSTALL CALTRANS TYPE D LOOP DETECTOR
- ⑨ INSTALL CALTRANS TYPE E LOOP DETECTOR
- ⑩ INSTALL CALTRANS PAVEMENT MARKING "STOP"
- ⑪ INSTALL CALTRANS PAVEMENT MARKING "AHEAD"
- ⑫ INSTALL CALTRANS PAVEMENT MARKING "SCHOOL"
- ⑬ INSTALL CALTRANS PAVEMENT MARKING "KEEP"
- ⑭ INSTALL CALTRANS PAVEMENT MARKING "CLEAR"
- ⑮ INSTALL CALTRANS PAVEMENT MARKING "SIGNAL"
- ⑯ INSTALL CALTRANS PAVEMENT MARKING "PED"
- ⑰ INSTALL CALTRANS PAVEMENT MARKING "XING"
- ⑱ INSTALL CALTRANS RAILROAD CROSSING PAVEMENT MARKING
- ⑲ INSTALL CALTRANS BIKE LANE SYMBOL WITH PERSON
- ⑳ INSTALL CALTRANS "TYPE II ARROW"
- ㉑ INSTALL CALTRANS "BICYCLE LOOP DETECTOR SYMBOL" AND BICYCLE LOOP DETECTOR
- ㉒ INSTALL CALTRANS "TYPE VII ARROW"
- ㉓ INSTALL CALTRANS "TYPE VIII ARROW"

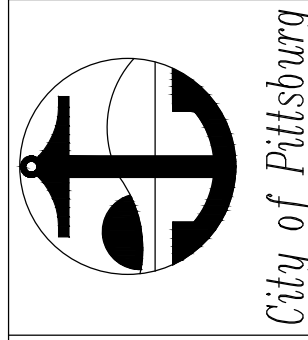
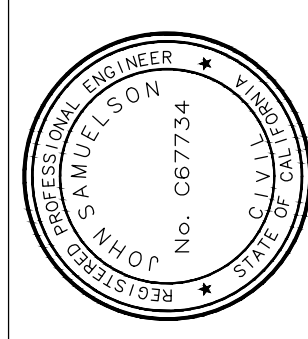
STRIPING PLAN -
LELAND ROAD "L1" 88+50 TO
"L1" 96+50

FEDERAL AID PROJECT #STPL 5127 (041), PROJECT #2231, WEST LELAND ROAD AND LOVERIDGE ROAD PHASE 2 REHABILITATION PROJECT

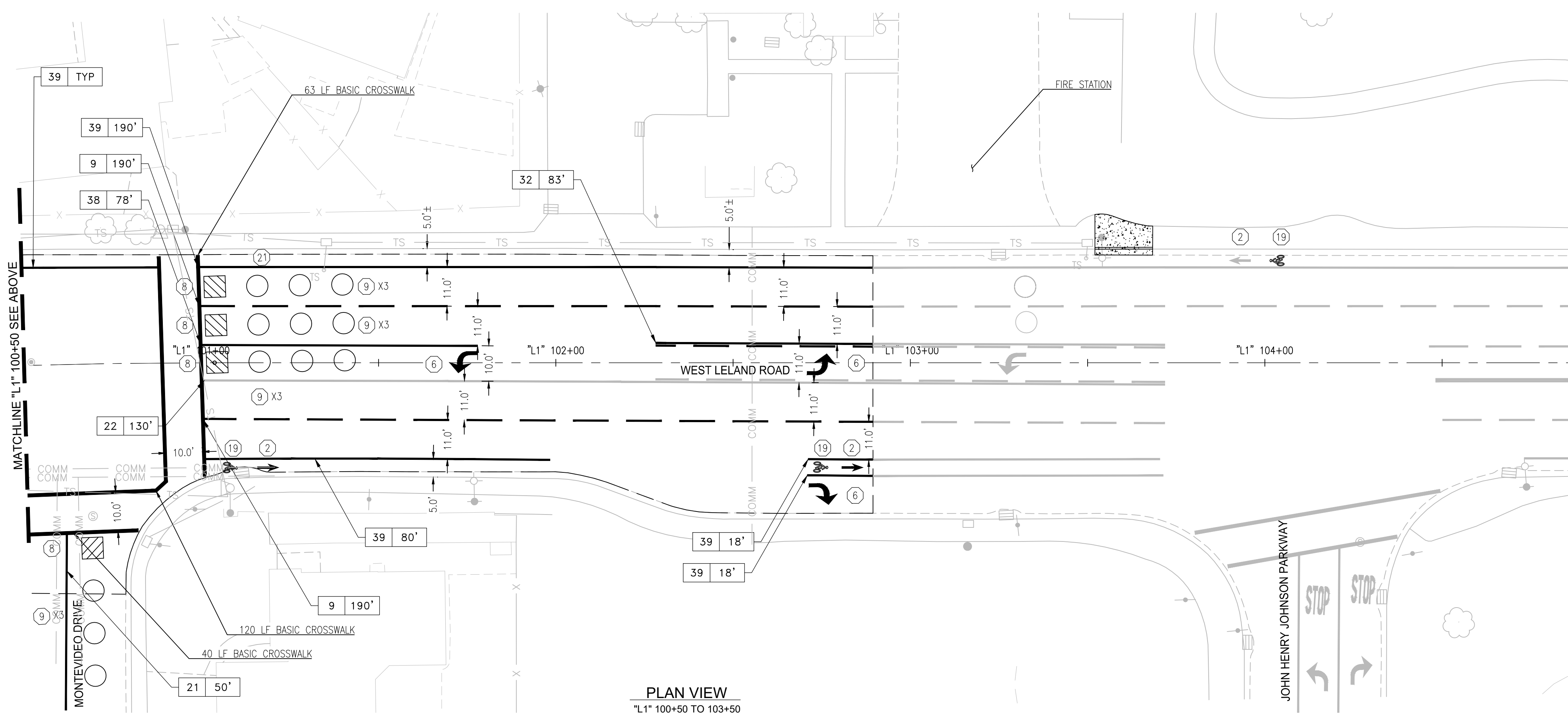
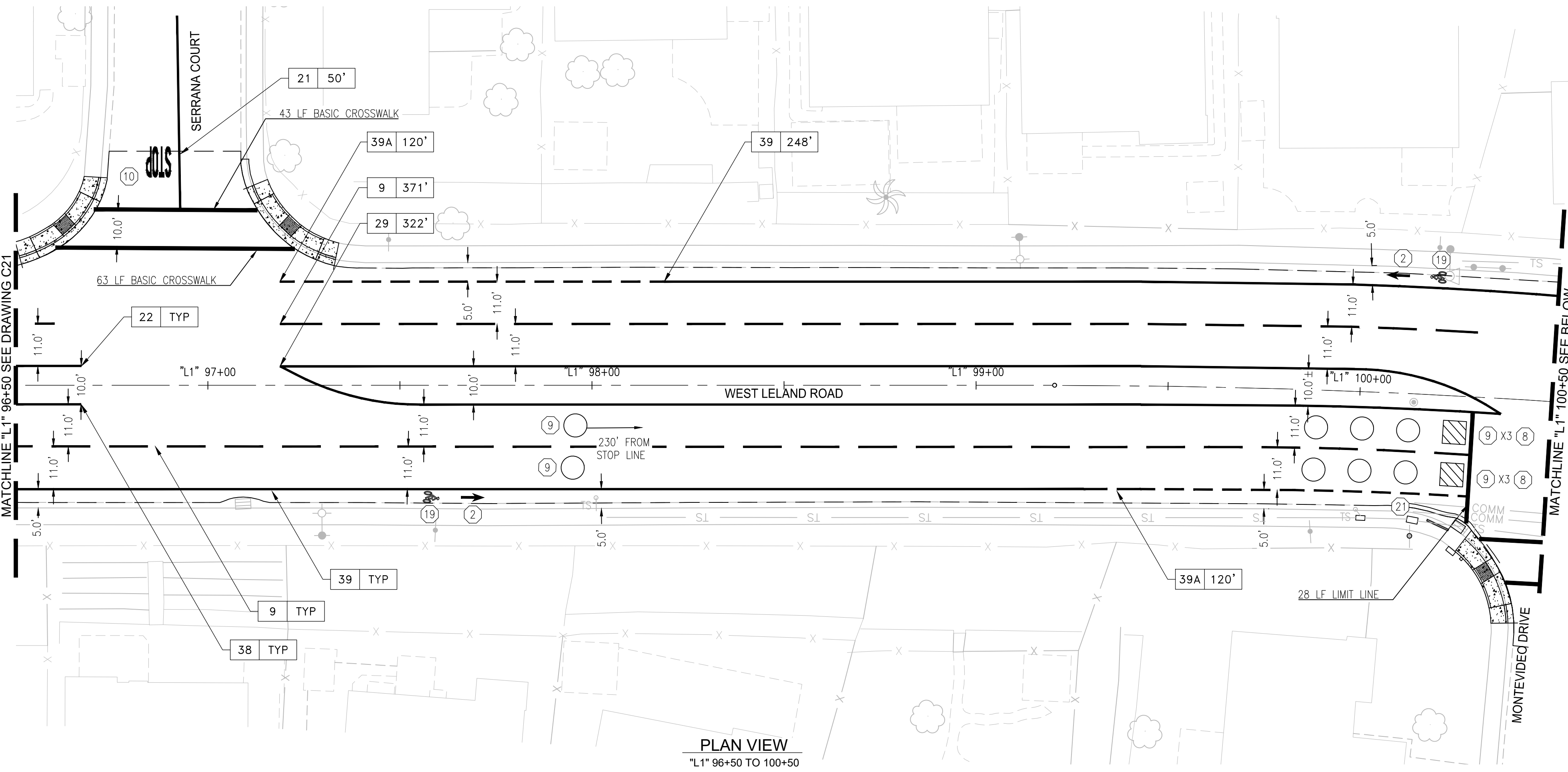
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SHEET NO. 24 OF 34	DWG. NO. C21
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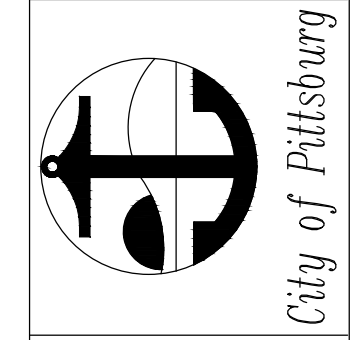
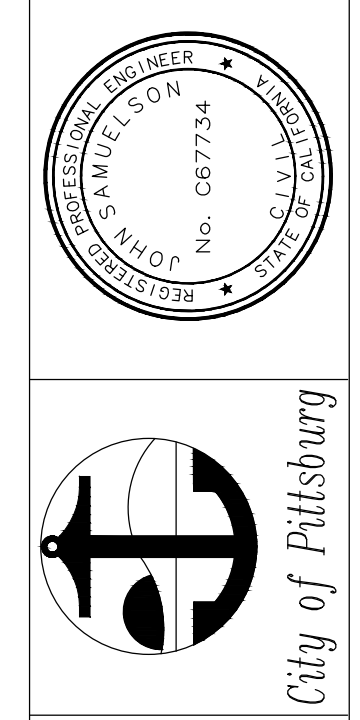
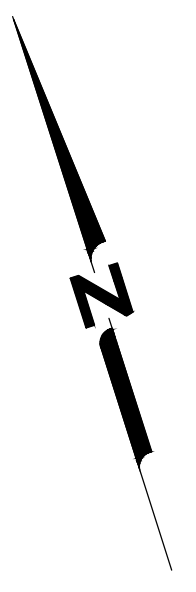
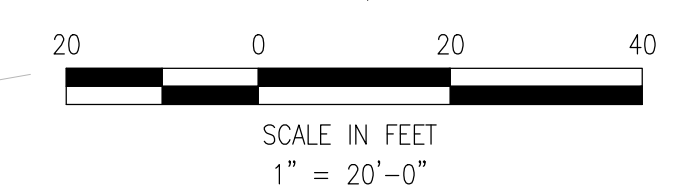


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- NOTES:
1. AFTER REMOVAL OF STRIPING OR MARKINGS, TEMPORARY PAVEMENT DELINEATION SHALL BE IMMEDIATELY PLACED PRIOR TO OPENING THE TRAVELED WAY TO PUBLIC TRAFFIC.
 2. BIKE LANES SHALL BE 5' MINIMUM WIDTH.
 3. MATCH STRIPING TO EXISTING STRIPING AT LIMITS.
 4. FOR GENERAL NOTES SEE DRAWING G2.

- STRIPING KEYNOTES:
1. INSTALL FIRE HYDRANT BLUE MARKER
 2. INSTALL CALTRANS BIKE LANE ARROW
 3. NOT USED
 4. NOT USED
 5. NOT USED
 6. INSTALL CALTRANS "TYPE IV ARROW"
 7. INSTALL CALTRANS TYPE A LOOP DETECTOR
 8. INSTALL CALTRANS TYPE D LOOP DETECTOR
 9. INSTALL CALTRANS TYPE E LOOP DETECTOR
 10. INSTALL CALTRANS PAVEMENT MARKING "STOP"
 11. INSTALL CALTRANS PAVEMENT MARKING "AHEAD"
 12. INSTALL CALTRANS PAVEMENT MARKING "SCHOOL"
 13. INSTALL CALTRANS PAVEMENT MARKING "KEEP"
 14. INSTALL CALTRANS PAVEMENT MARKING "CLEAR"
 15. INSTALL CALTRANS PAVEMENT MARKING "SIGNAL"
 16. INSTALL CALTRANS PAVEMENT MARKING "PED"
 17. INSTALL CALTRANS PAVEMENT MARKING "XING"
 18. INSTALL CALTRANS RAILROAD CROSSING PAVEMENT MARKING
 19. INSTALL CALTRANS BIKE LANE SYMBOL WITH PERSON
 20. INSTALL CALTRANS "TYPE II ARROW"
 21. INSTALL CALTRANS "BICYCLE LOOP DETECTOR SYMBOL" AND BICYCLE LOOP DETECTOR
 22. INSTALL CALTRANS "TYPE VII ARROW"
 23. INSTALL CALTRANS "TYPE VIII ARROW"



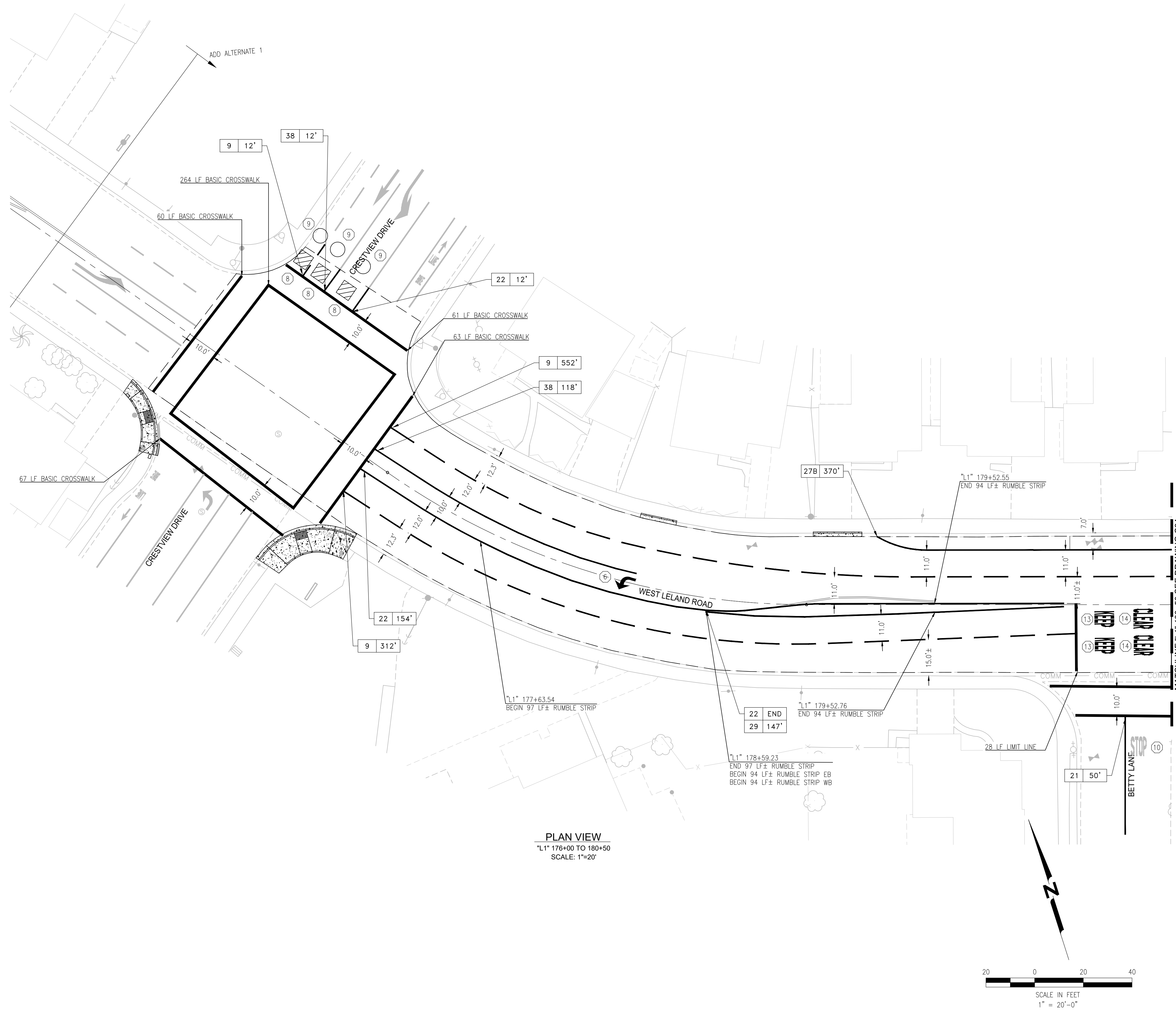
STRIPING PLAN -
LELAND ROAD "L1" 96+50 TO
"L1" 103+50
FEDERAL AID PROJECT #STPL 5127 (041), PROJECT #2231, WEST LELAND ROAD AND LOVERIDGE ROAD PHASE 2 REHABILITATION PROJECT

DATE	REV	DESCRIPTION	BY	DRAWN:	CHECKED:	REVIEWED:	DATE:	SCALE:
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C22

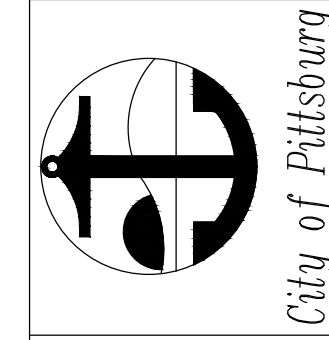
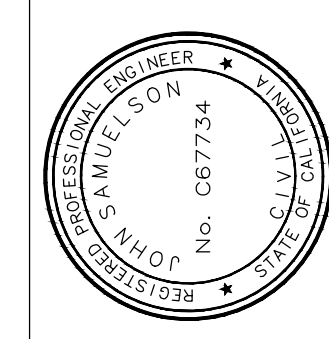
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PLAN VIEW
 "L1" 176+00 TO 180+50
 SCALE: 1"=20'

- NOTES:**
1. AFTER REMOVAL OF STRIPING OR MARKINGS, TEMPORARY PAVEMENT DELINEATION SHALL BE IMMEDIATELY PLACED PRIOR TO OPENING THE TRAVELED WAY TO PUBLIC TRAFFIC.
 2. BIKE LANES SHALL BE 5' MINIMUM WIDTH.
 3. MATCH STRIPING TO EXISTING STRIPING AT LIMITS.
 4. FOR GENERAL NOTES SEE DRAWING G2.

- STRIPING KEYNOTES:**
- 1 INSTALL FIRE HYDRANT BLUE MARKER
 - 2 INSTALL CALTRANS BIKE LANE ARROW
 - 3 NOT USED
 - 4 NOT USED
 - 5 NOT USED
 - 6 INSTALL CALTRANS "TYPE IV ARROW"
 - 7 INSTALL CALTRANS TYPE A LOOP DETECTOR
 - 8 INSTALL CALTRANS TYPE D LOOP DETECTOR
 - 9 INSTALL CALTRANS TYPE E LOOP DETECTOR
 - 10 INSTALL CALTRANS PAVEMENT MARKING "STOP"
 - 11 INSTALL CALTRANS PAVEMENT MARKING "AHEAD"
 - 12 INSTALL CALTRANS PAVEMENT MARKING "SCHOOL"
 - 13 INSTALL CALTRANS PAVEMENT MARKING "KEEP"
 - 14 INSTALL CALTRANS PAVEMENT MARKING "CLEAR"
 - 15 INSTALL CALTRANS PAVEMENT MARKING "SIGNAL"
 - 16 INSTALL CALTRANS PAVEMENT MARKING "PED"
 - 17 INSTALL CALTRANS PAVEMENT MARKING "XING"
 - 18 INSTALL CALTRANS RAILROAD CROSSING PAVEMENT MARKING
 - 19 INSTALL CALTRANS BIKE LANE SYMBOL WITH PERSON
 - 20 INSTALL CALTRANS "TYPE II ARROW"
 - 21 INSTALL CALTRANS "BICYCLE LOOP DETECTOR SYMBOL" AND BICYCLE LOOP DETECTOR
 - 22 INSTALL CALTRANS "TYPE VII ARROW"
 - 23 INSTALL CALTRANS "TYPE VIII ARROW"

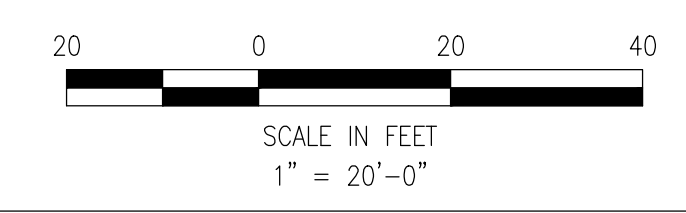


STRIPING PLAN -
LELAND ROAD "L1" 176+00 TO
"L1" 180+50
 FEDERAL AID PROJECT #STPL 5127 (041), PROJECT
 #2231, WEST LELAND ROAD AND LOVERIDGE ROAD PHASE
 2 REHABILITATION PROJECT

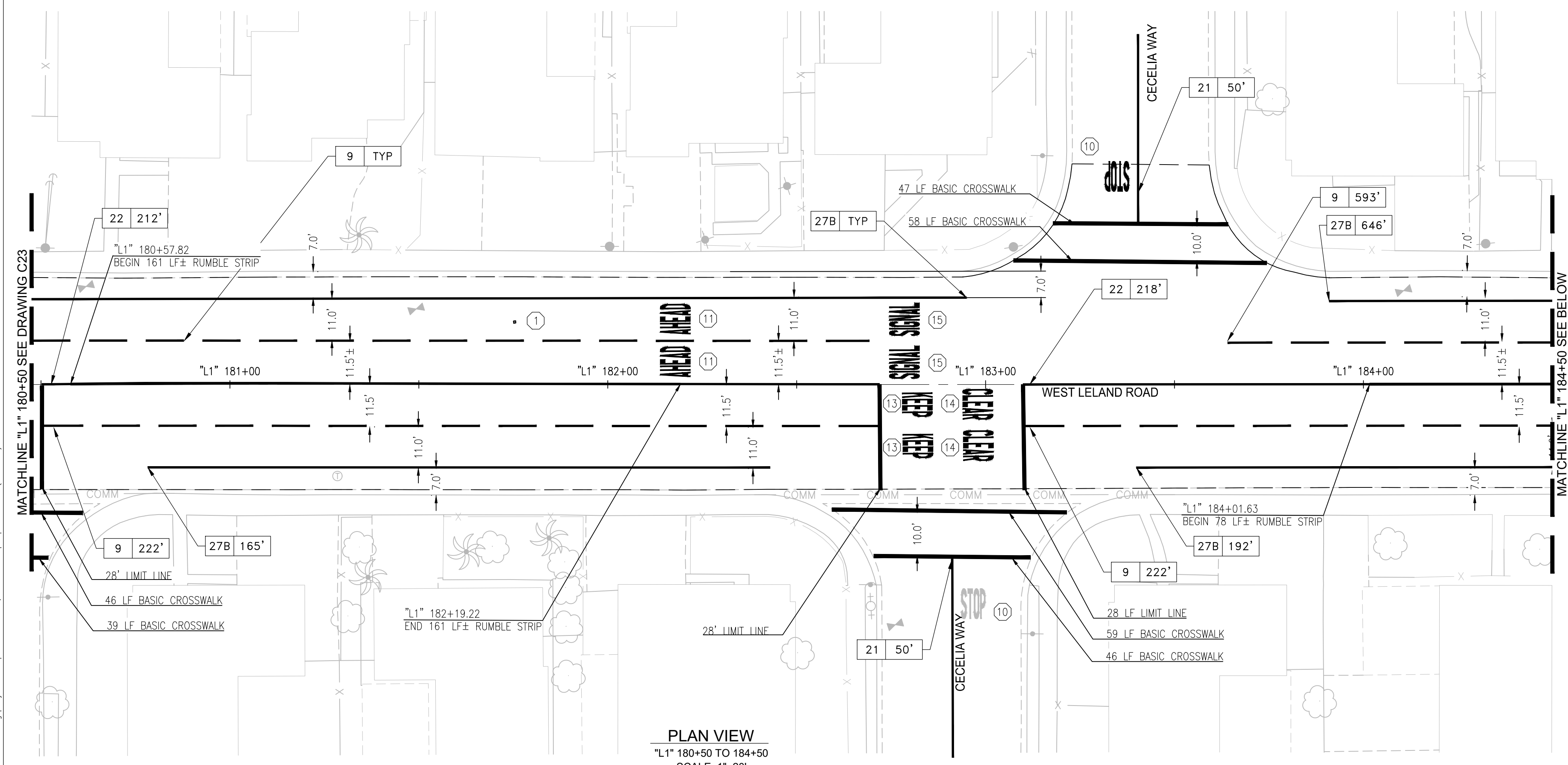
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SHEET NO.
26 OF 34

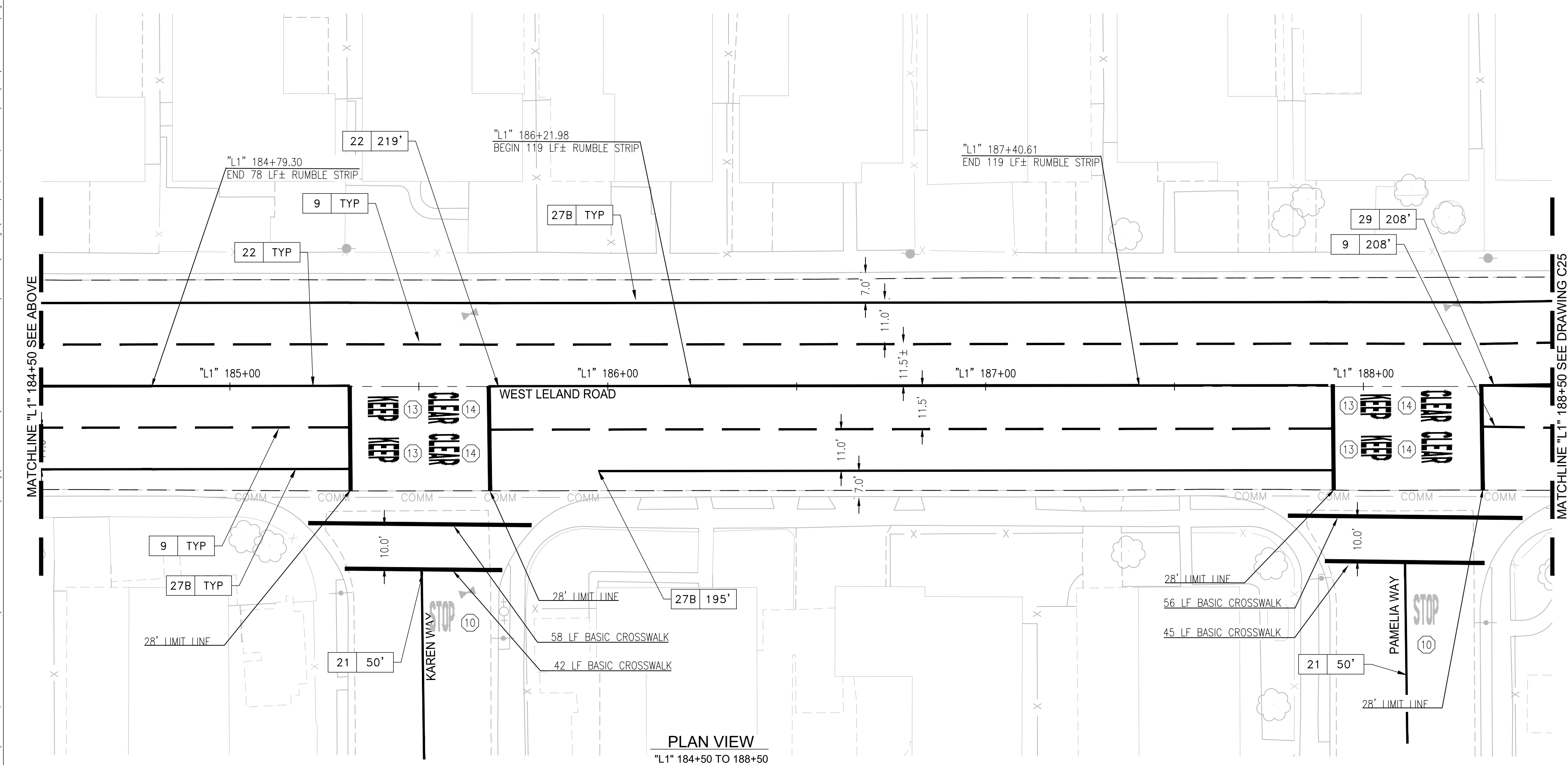
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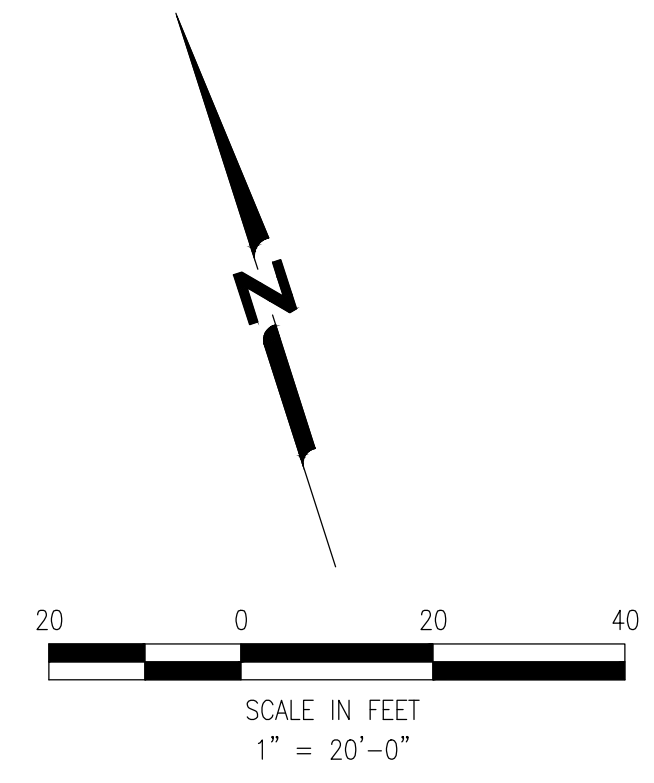
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PLAN VIEW
 "L1" 180+50 TO 184+50
 SCALE: 1"=20'

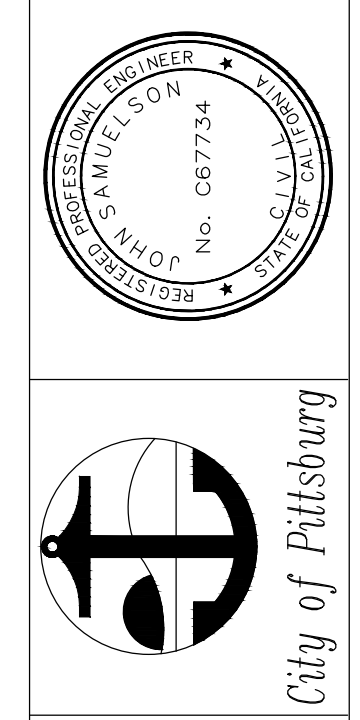


PLAN VIEW
 "L1" 184+50 TO 188+50
 SCALE: 1"=20'



- NOTES:**
- AFTER REMOVAL OF STRIPING OR MARKINGS, TEMPORARY PAVEMENT DELINEATION SHALL BE IMMEDIATELY PLACED PRIOR TO OPENING THE TRAVELED WAY TO PUBLIC TRAFFIC.
 - BIKE LANES SHALL BE 5' MINIMUM WIDTH.
 - MATCH STRIPING TO EXISTING STRIPING AT LIMITS.
 - FOR GENERAL NOTES SEE DRAWING G2.

- STRIPING KEYNOTES:**
- INSTALL FIRE HYDRANT BLUE MARKER
 - INSTALL CALTRANS BIKE LANE ARROW
 - NOT USED
 - NOT USED
 - NOT USED
 - INSTALL CALTRANS "TYPE IV ARROW"
 - INSTALL CALTRANS TYPE A LOOP DETECTOR
 - INSTALL CALTRANS TYPE D LOOP DETECTOR
 - INSTALL CALTRANS TYPE E LOOP DETECTOR
 - INSTALL CALTRANS PAVEMENT MARKING "STOP"
 - INSTALL CALTRANS PAVEMENT MARKING "AHEAD"
 - INSTALL CALTRANS PAVEMENT MARKING "SCHOOL"
 - INSTALL CALTRANS PAVEMENT MARKING "KEEP"
 - INSTALL CALTRANS PAVEMENT MARKING "CLEAR"
 - INSTALL CALTRANS PAVEMENT MARKING "SIGNAL"
 - INSTALL CALTRANS PAVEMENT MARKING "PED"
 - INSTALL CALTRANS PAVEMENT MARKING "XING"
 - INSTALL CALTRANS RAILROAD CROSSING PAVEMENT MARKING
 - INSTALL CALTRANS BIKE LANE SYMBOL WITH PERSON
 - INSTALL CALTRANS "TYPE II ARROW"
 - INSTALL CALTRANS "BICYCLE LOOP DETECTOR SYMBOL" AND BICYCLE LOOP DETECTOR
 - INSTALL CALTRANS "TYPE VII ARROW"
 - INSTALL CALTRANS "TYPE VIII ARROW"



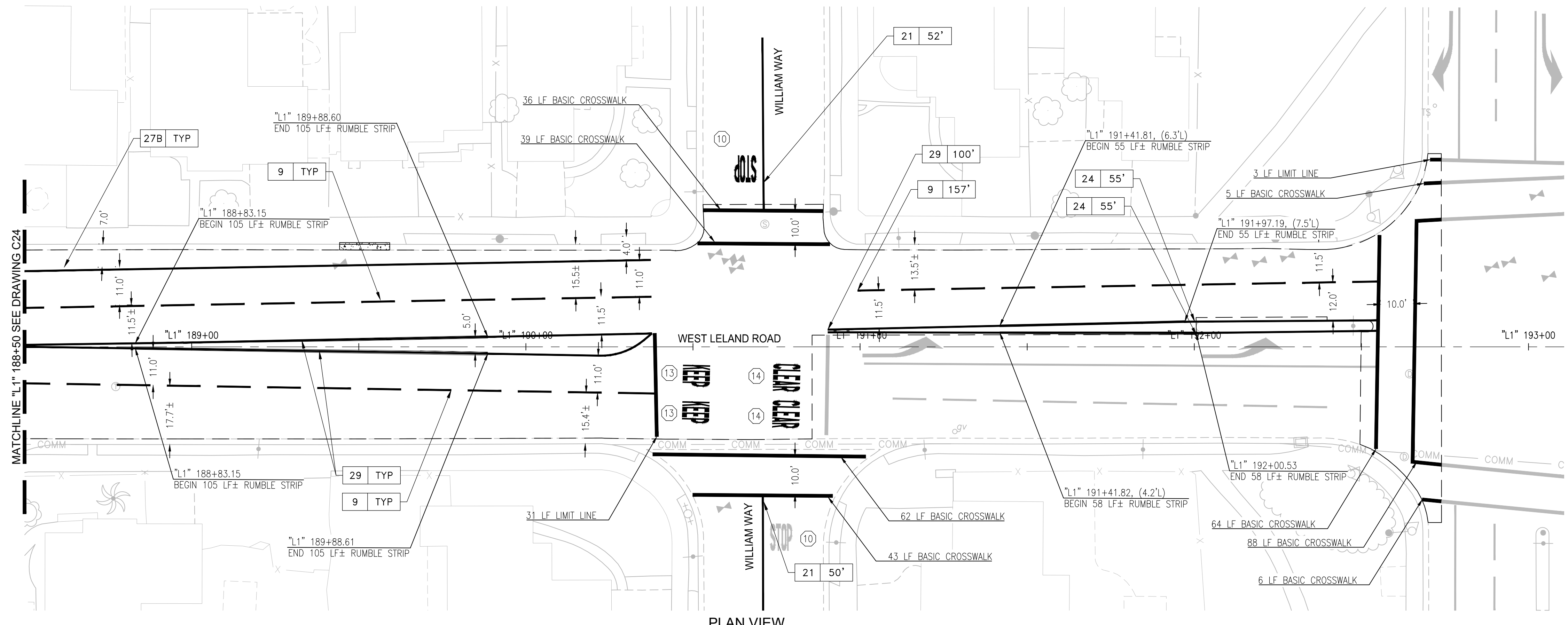
STRIPING PLAN -
LELAND ROAD "L1" 180+50 TO
"L1" 188+50
 FEDERAL AID PROJECT #STPL 5127 (041), PROJECT
 #2231, WEST LELAND ROAD AND LOVERIDGE ROAD PHASE
 2. REHABILITATION PROJECT

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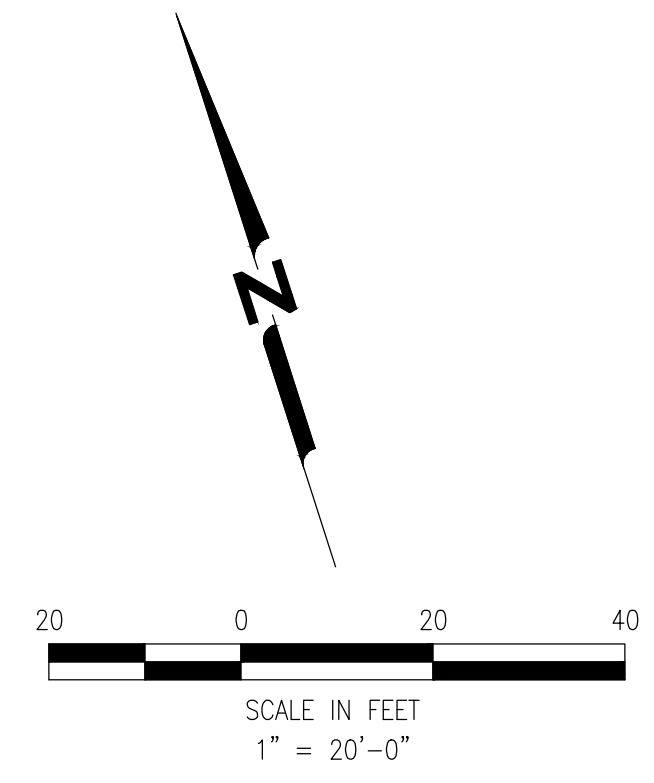
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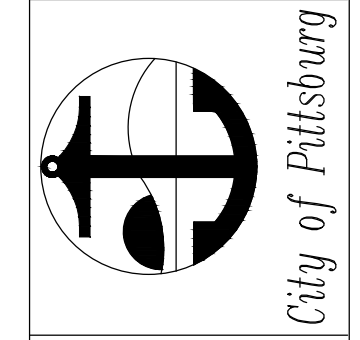
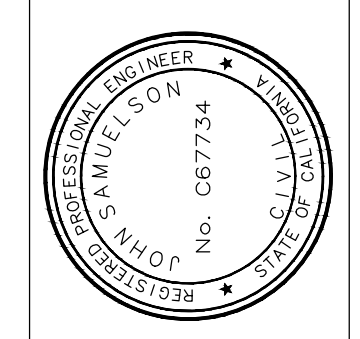


PLAN VIEW
 "L1" 188+50 TO 193+00
 SCALE: 1"=20'



- NOTES:**
- AFTER REMOVAL OF STRIPING OR MARKINGS, TEMPORARY PAVEMENT DELINEATION SHALL BE IMMEDIATELY PLACED PRIOR TO OPENING THE TRAVELED WAY TO PUBLIC TRAFFIC.
 - BIKE LANES SHALL BE 5' MINIMUM WIDTH.
 - MATCH STRIPING TO EXISTING STRIPING AT LIMITS.
 - FOR GENERAL NOTES SEE DRAWING G2.

- STRIPING KEYNOTES:**
- INSTALL FIRE HYDRANT BLUE MARKER
 - INSTALL CALTRANS BIKE LANE ARROW
 - NOT USED
 - NOT USED
 - NOT USED
 - INSTALL CALTRANS "TYPE IV ARROW"
 - INSTALL CALTRANS TYPE A LOOP DETECTOR
 - INSTALL CALTRANS TYPE D LOOP DETECTOR
 - INSTALL CALTRANS TYPE E LOOP DETECTOR
 - INSTALL CALTRANS PAVEMENT MARKING "STOP"
 - INSTALL CALTRANS PAVEMENT MARKING "AHEAD"
 - INSTALL CALTRANS PAVEMENT MARKING "SCHOOL"
 - INSTALL CALTRANS PAVEMENT MARKING "KEEP"
 - INSTALL CALTRANS PAVEMENT MARKING "CLEAR"
 - INSTALL CALTRANS PAVEMENT MARKING "SIGNAL"
 - INSTALL CALTRANS PAVEMENT MARKING "PED"
 - INSTALL CALTRANS PAVEMENT MARKING "XING"
 - INSTALL CALTRANS RAILROAD CROSSING PAVEMENT MARKING
 - INSTALL CALTRANS BIKE LANE SYMBOL WITH PERSON
 - INSTALL CALTRANS "TYPE II ARROW"
 - INSTALL CALTRANS "BICYCLE LOOP DETECTOR SYMBOL" AND BICYCLE LOOP DETECTOR
 - INSTALL CALTRANS "TYPE VII ARROW"
 - INSTALL CALTRANS "TYPE VIII ARROW"



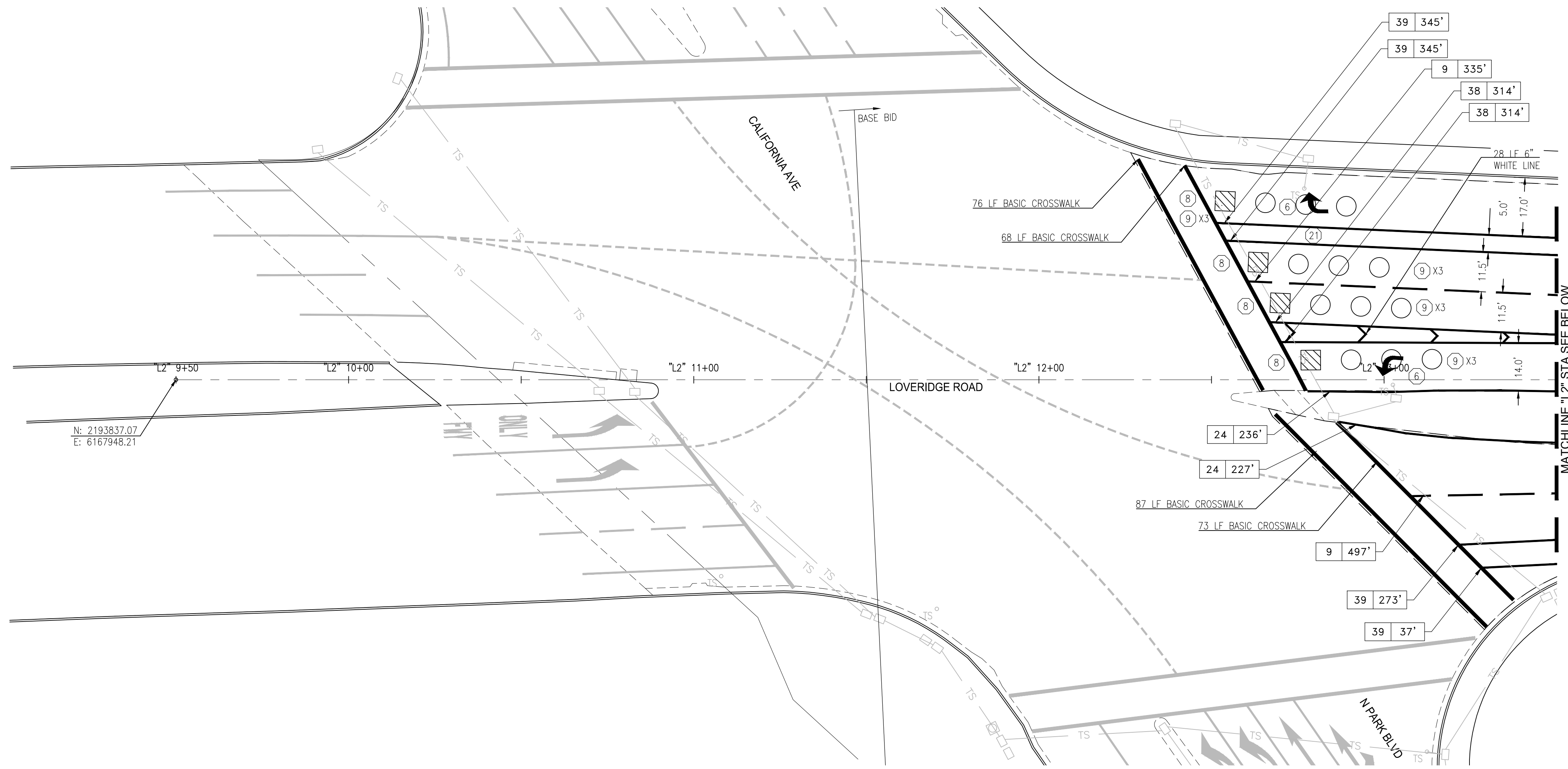
STRIPING PLAN -
LELAND ROAD "L1" 188+50 TO
"L1" 193+00
 FEDERAL AID PROJECT #STPL 5127 (041), PROJECT
 #2231, WEST LELAND ROAD AND LOVERIDGE ROAD PHASE
 2 - REHABILITATION PROJECT

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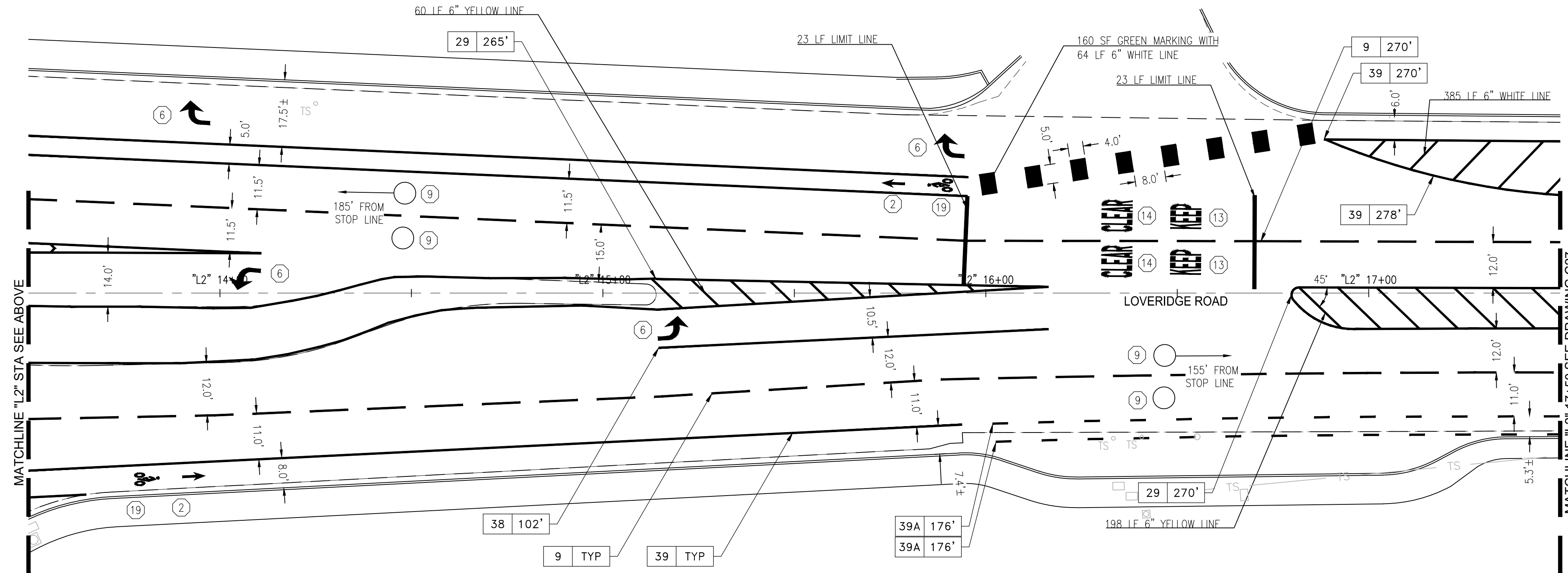
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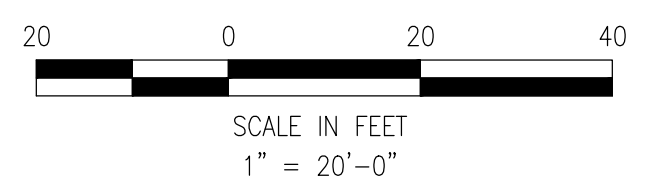
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PLAN VIEW
 "L2" 9+50 TO 13+50
 SCALE: 1"=20'

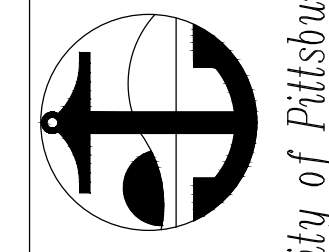
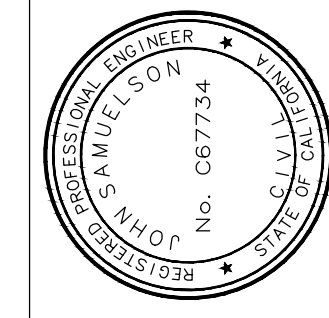


PLAN VIEW
 "L2" 13+50 TO 17+50
 SCALE: 1"=20'



- NOTES:**
- AFTER REMOVAL OF STRIPING OR MARKINGS, TEMPORARY PAVEMENT DELINEATION SHALL BE IMMEDIATELY PLACED PRIOR TO OPENING THE TRAVELED WAY TO PUBLIC TRAFFIC.
 - BIKE LANES SHALL BE 5' MINIMUM WIDTH.
 - MATCH STRIPING TO EXISTING STRIPING AT LIMITS.
 - FOR GENERAL NOTES SEE DRAWING G2.

- STRIPING KEYNOTES:**
- INSTALL FIRE HYDRANT BLUE MARKER
 - INSTALL CALTRANS BIKE LANE ARROW
 - NOT USED
 - NOT USED
 - NOT USED
 - INSTALL CALTRANS "TYPE IV ARROW"
 - INSTALL CALTRANS TYPE A LOOP DETECTOR
 - INSTALL CALTRANS TYPE D LOOP DETECTOR
 - INSTALL CALTRANS TYPE E LOOP DETECTOR
 - INSTALL CALTRANS PAVEMENT MARKING "STOP"
 - INSTALL CALTRANS PAVEMENT MARKING "AHEAD"
 - INSTALL CALTRANS PAVEMENT MARKING "SCHOOL"
 - INSTALL CALTRANS PAVEMENT MARKING "KEEP"
 - INSTALL CALTRANS PAVEMENT MARKING "CLEAR"
 - INSTALL CALTRANS PAVEMENT MARKING "SIGNAL"
 - INSTALL CALTRANS PAVEMENT MARKING "PED"
 - INSTALL CALTRANS PAVEMENT MARKING "XING"
 - INSTALL CALTRANS RAILROAD CROSSING PAVEMENT MARKING
 - INSTALL CALTRANS BIKE LANE SYMBOL WITH PERSON
 - INSTALL CALTRANS "TYPE II ARROW"
 - INSTALL CALTRANS "BICYCLE LOOP DETECTOR SYMBOL" AND BICYCLE LOOP DETECTOR
 - INSTALL CALTRANS "TYPE VII ARROW"
 - INSTALL CALTRANS "TYPE VIII ARROW"



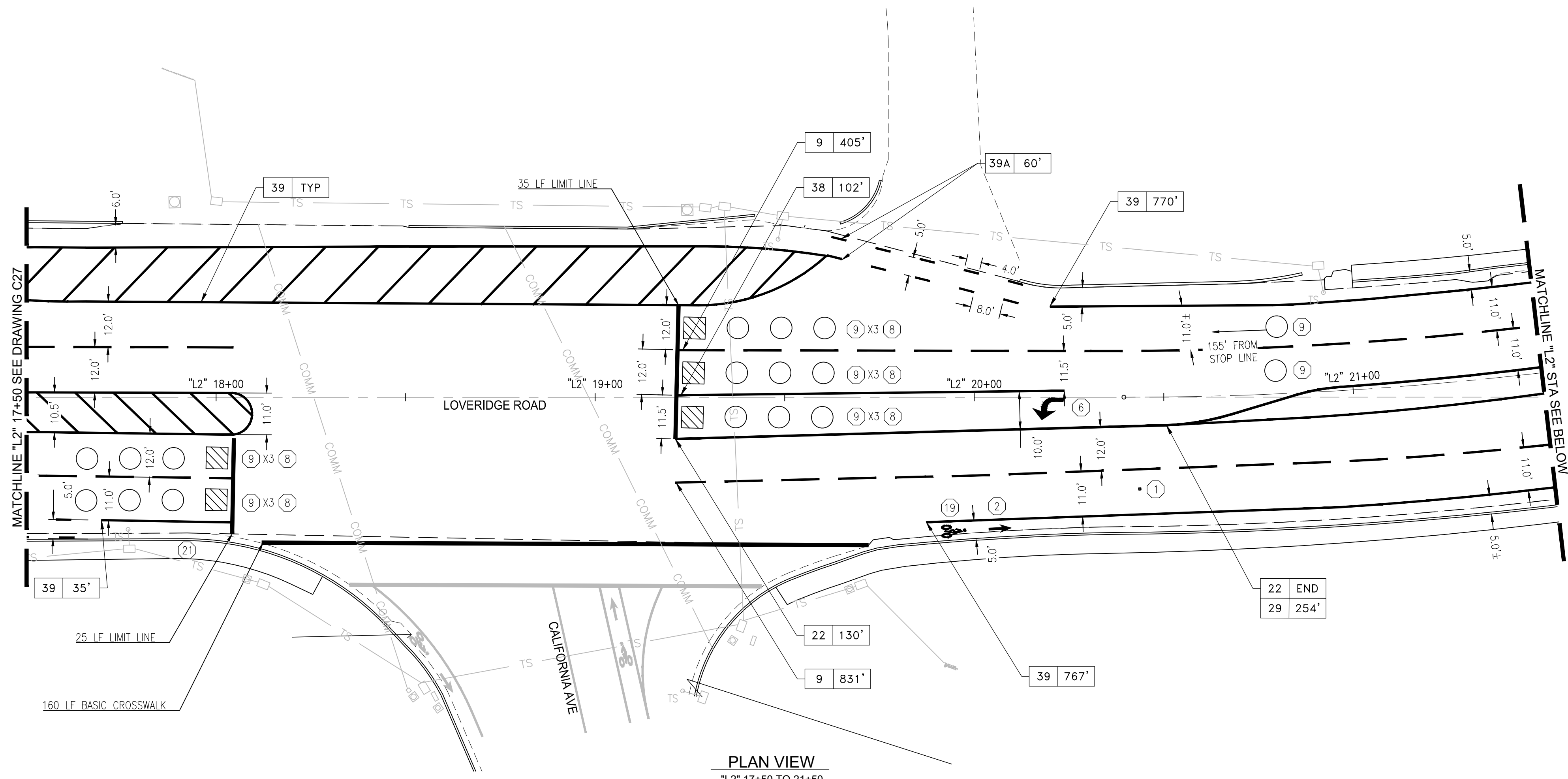
STRIPING PLAN -
LOVRIDGE ROAD "L2" 9+50
TO "L2" 17+50
 FEDERAL AID PROJECT #STPL 5127 (041), PROJECT #2231, WEST LELAND ROAD AND LOVRIDGE ROAD PHASE 2 REHABILITATION PROJECT

DATE	REV	DESCRIPTION	BY	DRAWN:	CHECKED:	REVIEWED:	DATE:	SCALE:
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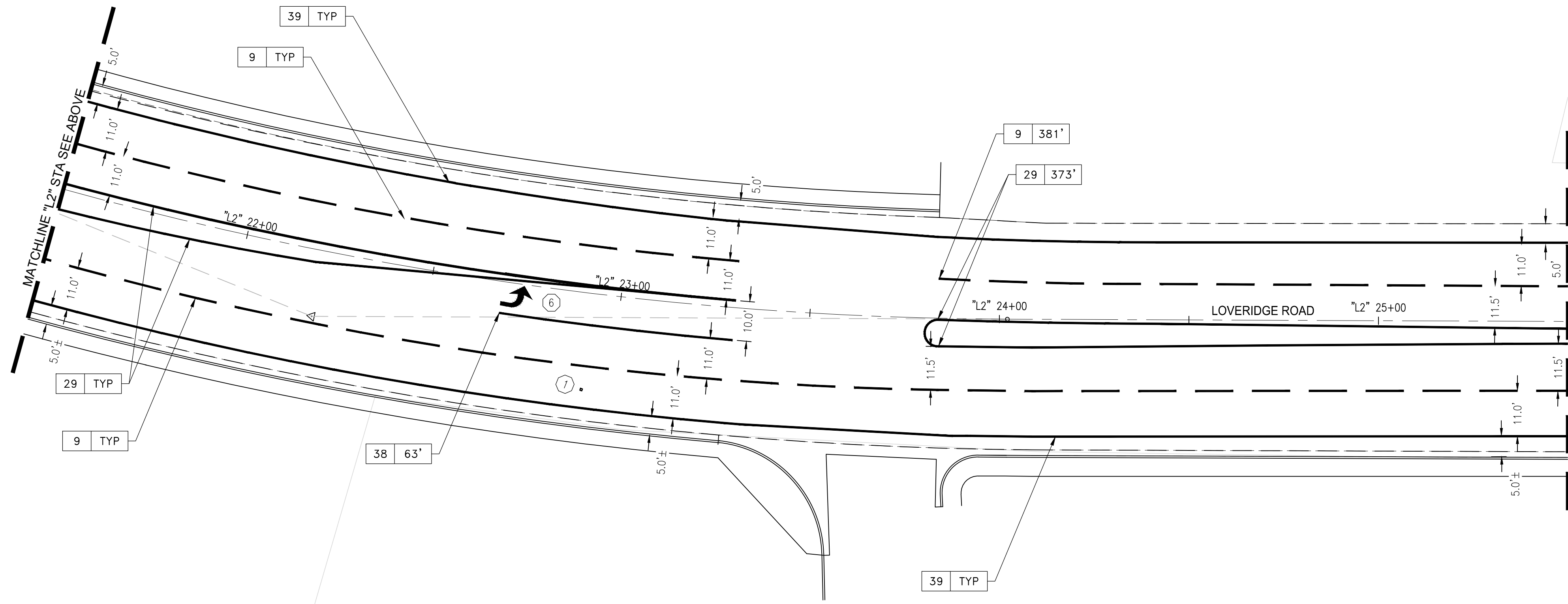
SHEET NO.
 29 OF 34
 DWG. NO.
C26



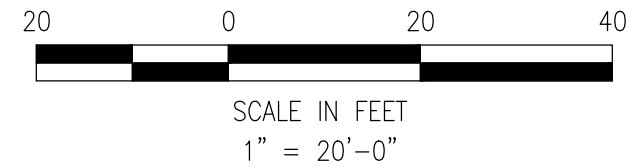
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PLAN VIEW
"L2" 17+50 TO 21+50
SCALE: 1"=20'

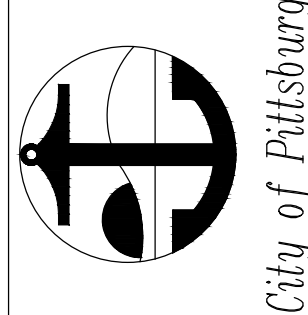
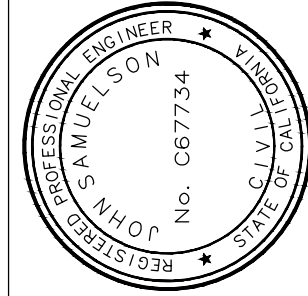


PLAN VIEW
"L2" 21+50 TO 25+50
SCALE: 1"=20'



- NOTES:
1. AFTER REMOVAL OF STRIPING OR MARKINGS, TEMPORARY PAVEMENT DELINEATION SHALL BE IMMEDIATELY PLACED PRIOR TO OPENING THE TRAVELED WAY TO PUBLIC TRAFFIC.
 2. BIKE LANES SHALL BE 5' MINIMUM WIDTH.
 3. MATCH STRIPING TO EXISTING STRIPING AT LIMITS.
 4. FOR GENERAL NOTES SEE DRAWING G2.

- STRIPING KEYNOTES:
- 1 INSTALL FIRE HYDRANT BLUE MARKER
 - 2 INSTALL CALTRANS BIKE LANE ARROW
 - 3 NOT USED
 - 4 NOT USED
 - 5 NOT USED
 - 6 INSTALL CALTRANS "TYPE IV ARROW"
 - 7 INSTALL CALTRANS TYPE A LOOP DETECTOR
 - 8 INSTALL CALTRANS TYPE D LOOP DETECTOR
 - 9 INSTALL CALTRANS TYPE E LOOP DETECTOR
 - 10 INSTALL CALTRANS PAVEMENT MARKING "STOP"
 - 11 INSTALL CALTRANS PAVEMENT MARKING "AHEAD"
 - 12 INSTALL CALTRANS PAVEMENT MARKING "SCHOOL"
 - 13 INSTALL CALTRANS PAVEMENT MARKING "KEEP"
 - 14 INSTALL CALTRANS PAVEMENT MARKING "CLEAR"
 - 15 INSTALL CALTRANS PAVEMENT MARKING "SIGNAL"
 - 16 INSTALL CALTRANS PAVEMENT MARKING "PED"
 - 17 INSTALL CALTRANS PAVEMENT MARKING "XING"
 - 18 INSTALL CALTRANS RAILROAD CROSSING PAVEMENT MARKING
 - 19 INSTALL CALTRANS BIKE LANE SYMBOL WITH PERSON
 - 20 INSTALL CALTRANS "TYPE II ARROW"
 - 21 INSTALL CALTRANS "BICYCLE LOOP DETECTOR SYMBOL" AND BICYCLE LOOP DETECTOR
 - 22 INSTALL CALTRANS "TYPE VII ARROW"
 - 23 INSTALL CALTRANS "TYPE VIII ARROW"



STRIPING PLAN -
LOVRIDGE ROAD "L2" 17+50
TO "L2" 25+50
FEDERAL AID PROJECT #STPL 5127 (041), PROJECT
#2231, WEST LELAND ROAD AND LOVRIDGE ROAD PHASE
2 REHABILITATION PROJECT

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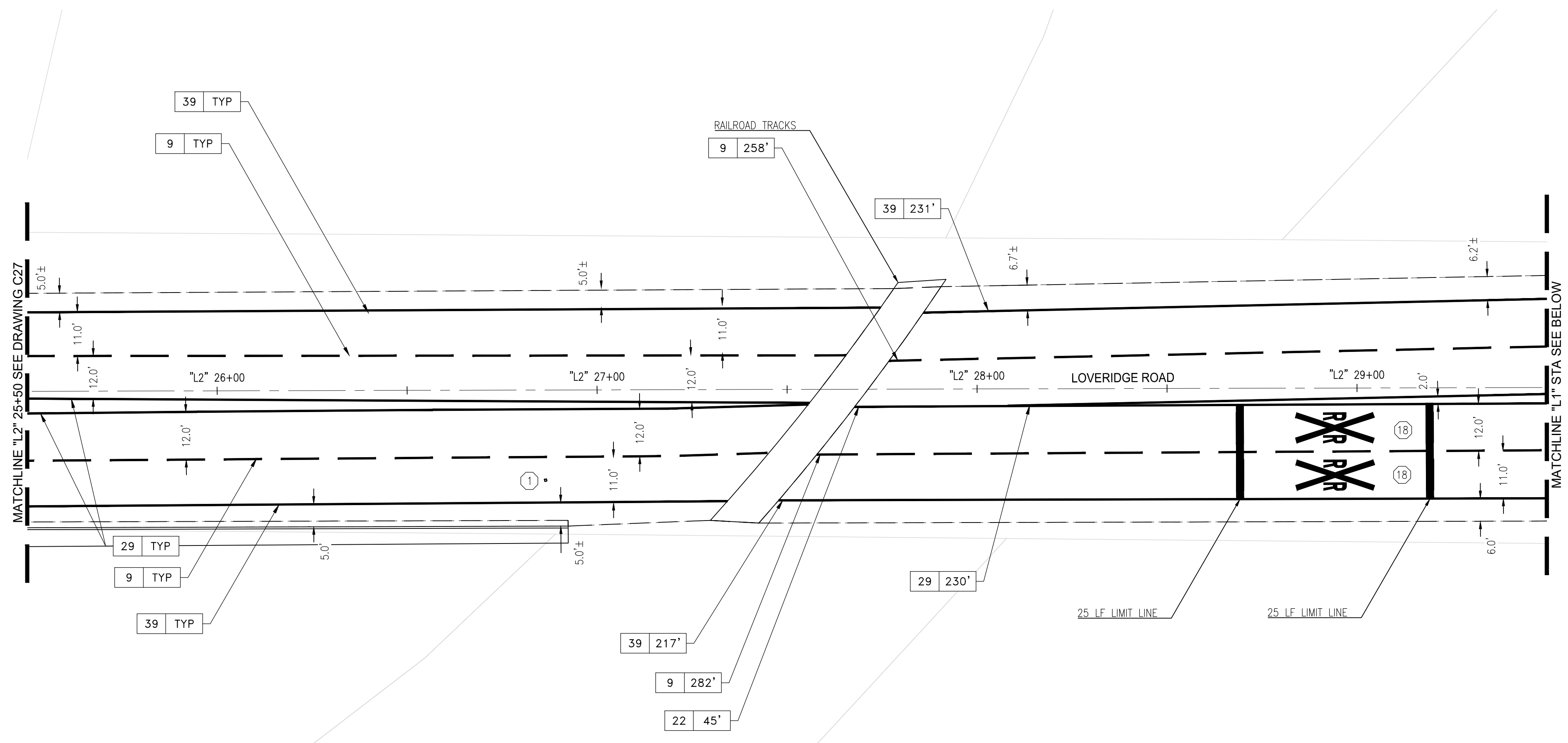
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30 OF 34

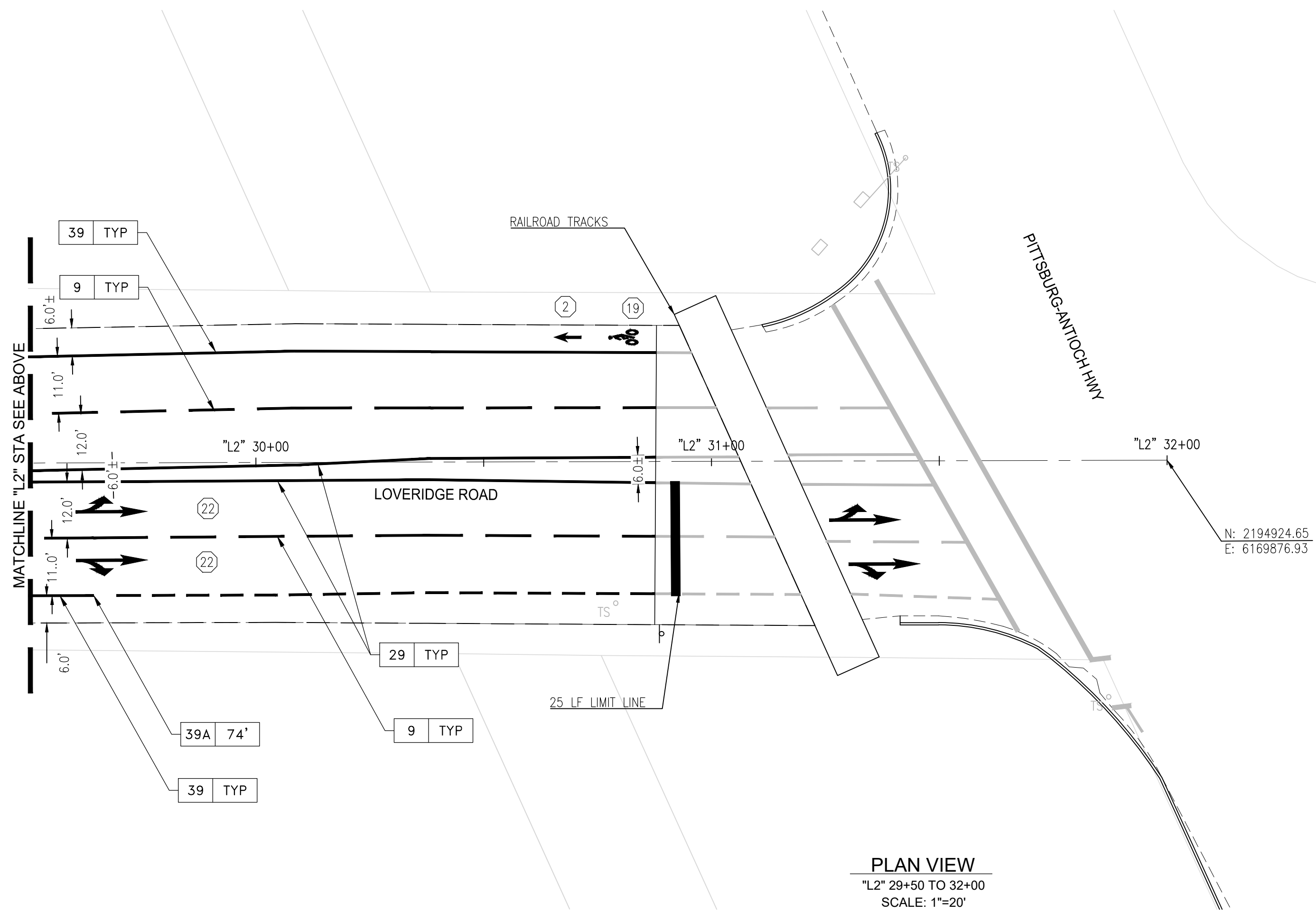
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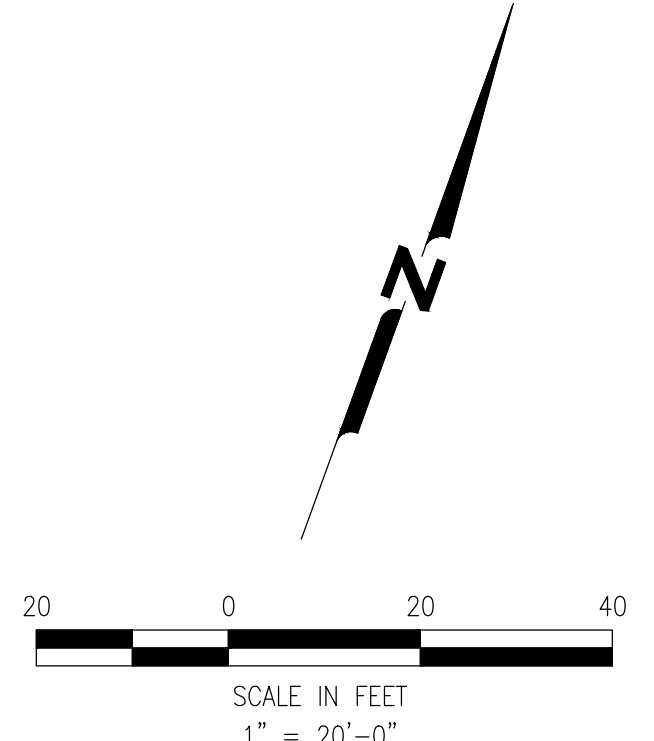
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PLAN VIEW
 "L2" 25+50 TO 29+50
 SCALE: 1"=20'

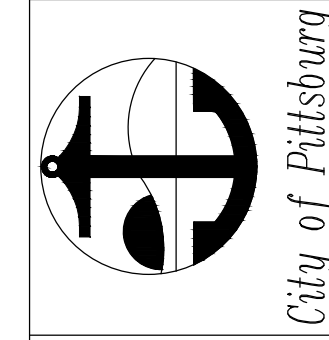
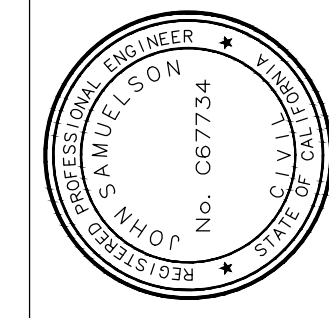


PLAN VIEW
 "L2" 29+50 TO 32+00
 SCALE: 1"=20'



- NOTES:**
- AFTER REMOVAL OF STRIPING OR MARKINGS, TEMPORARY PAVEMENT DELINEATION SHALL BE IMMEDIATELY PLACED PRIOR TO OPENING THE TRAVELED WAY TO PUBLIC TRAFFIC.
 - BIKE LANES SHALL BE 5' MINIMUM WIDTH.
 - MATCH STRIPING TO EXISTING STRIPING AT LIMITS.
 - FOR GENERAL NOTES SEE DRAWING G2.

- STRIPING KEYNOTES:**
- INSTALL FIRE HYDRANT BLUE MARKER
 - INSTALL CALTRANS BIKE LANE ARROW
 - NOT USED
 - NOT USED
 - NOT USED
 - INSTALL CALTRANS "TYPE IV ARROW"
 - INSTALL CALTRANS TYPE A LOOP DETECTOR
 - INSTALL CALTRANS TYPE D LOOP DETECTOR
 - INSTALL CALTRANS TYPE E LOOP DETECTOR
 - INSTALL CALTRANS PAVEMENT MARKING "STOP"
 - INSTALL CALTRANS PAVEMENT MARKING "AHEAD"
 - INSTALL CALTRANS PAVEMENT MARKING "SCHOOL"
 - INSTALL CALTRANS PAVEMENT MARKING "KEEP"
 - INSTALL CALTRANS PAVEMENT MARKING "CLEAR"
 - INSTALL CALTRANS PAVEMENT MARKING "SIGNAL"
 - INSTALL CALTRANS PAVEMENT MARKING "PED"
 - INSTALL CALTRANS PAVEMENT MARKING "XING"
 - INSTALL CALTRANS RAILROAD CROSSING PAVEMENT MARKING
 - INSTALL CALTRANS BIKE LANE SYMBOL WITH PERSON
 - INSTALL CALTRANS "TYPE II ARROW"
 - INSTALL CALTRANS "BICYCLE LOOP DETECTOR SYMBOL" AND BICYCLE LOOP DETECTOR
 - INSTALL CALTRANS "TYPE VII ARROW"
 - INSTALL CALTRANS "TYPE VIII ARROW"



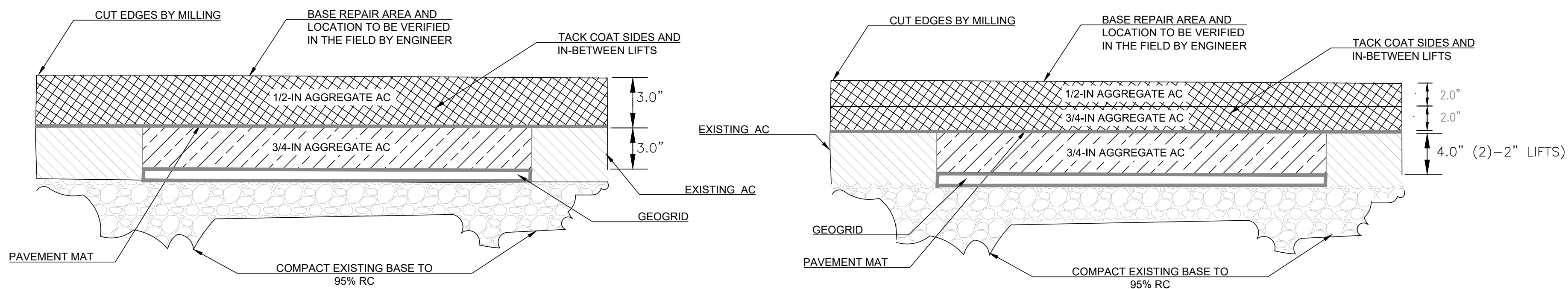
STRIPING PLAN -
LOVERRIDGE ROAD "L2" 25+50
TO "L2" 32+00
 FEDERAL AID PROJECT #STPL 5127 (041), PROJECT #2231, WEST LELAND ROAD AND LOVERRIDGE ROAD PHASE 2 REHABILITATION PROJECT

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 DWG. NO. C28



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LEGEND

- 3" HMA MILL AND OVERLAY
- EXISTING AC
- BASE REPAIR AREA, AS NEEDED
- PAVEMENT MAT, TENSAR GLASPAVE 50
- AB/SUBGRADE

NOTES

- FOR ALL WORK ASSOCIATED WITH BASE REPAIR WORK SEE TECHNICAL SPECIFICATIONS "ASPHALT PAVING" AND "ASPHALT PAVING REHABILITATION."
- ENGINEER AND CONTRACTOR SHALL INSPECT ROADWAY AFTER THREE (3) INCH MILL AND DETERMINE THE BASE REPAIR AREA. SEE IMPROVEMENT PLANS.
- PLACE TACK COAT BETWEEN PAVING LIFTS AND ON ALL PAVEMENT SURFACES PRIOR TO PLACEMENT OF HMA OVERLAY.
- CORE LOCATIONS ARE SHOWN ON DRAWINGS C1-C14, AND MEASUREMENTS FOR APPROXIMATE PAVEMENT SECTION CAN BE FOUND ON DRAWING G3.
- DETECTOR LOOPS TO BE INSTALLED PRIOR TO FINAL ASPHALT LIFT.

GEOGRID, TENSAR TRIAX TX130S

1
D1
3" MILL WITH 3" HMA (WITH POTENTIAL ADDITIONAL 3" MILL WITH 3" HMA)
N.T.S.

LEGEND

- 4" HMA MILL AND OVERLAY
- EXISTING AC
- BASE REPAIR AREA, AS NEEDED
- PAVEMENT MAT, TENSAR GLASPAVE 50
- AB/SUBGRADE

NOTES

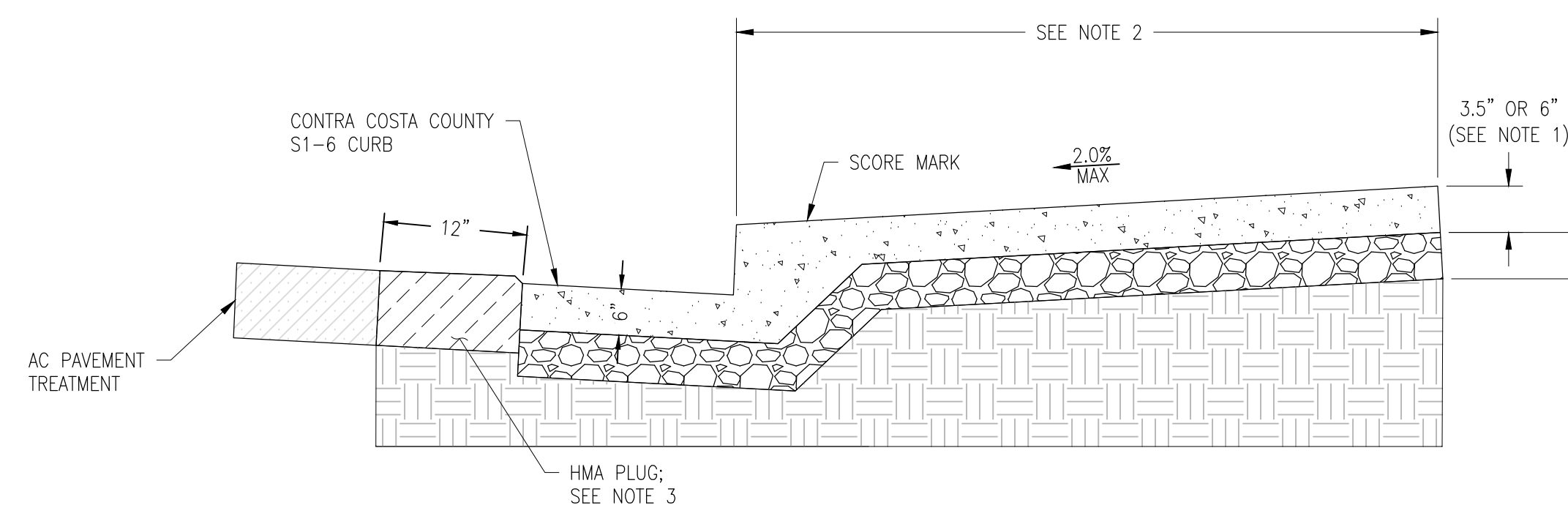
- FOR ALL WORK ASSOCIATED WITH BASE REPAIR WORK SEE TECHNICAL SPECIFICATIONS "ASPHALT PAVING" AND "ASPHALT PAVING REHABILITATION."
- ENGINEER AND CONTRACTOR SHALL INSPECT ROADWAY AFTER FOUR (4) INCH MILL AND DETERMINE THE BASE REPAIR AREA. SEE IMPROVEMENT PLANS.
- PLACE TACK COAT BETWEEN PAVING LIFTS AND ON ALL PAVEMENT SURFACES PRIOR TO PLACEMENT OF HMA OVERLAY.
- CORE LOCATIONS ARE SHOWN ON DRAWINGS C1-C14, AND MEASUREMENTS FOR APPROXIMATE PAVEMENT SECTION CAN BE FOUND ON DRAWING G3.
- DETECTOR LOOPS TO BE INSTALLED PRIOR TO FINAL ASPHALT LIFT.

GEOGRID, TENSAR TRIAX TX130S

2
D1
4" MILL WITH 4" HMA (WITH POTENTIAL ADDITIONAL 4" MILL WITH 4" HMA)
N.T.S.

3
D1

NOT USED



4

CITY STANDARD CURB AND SIDEWALK

N.T.S.

NOTES:

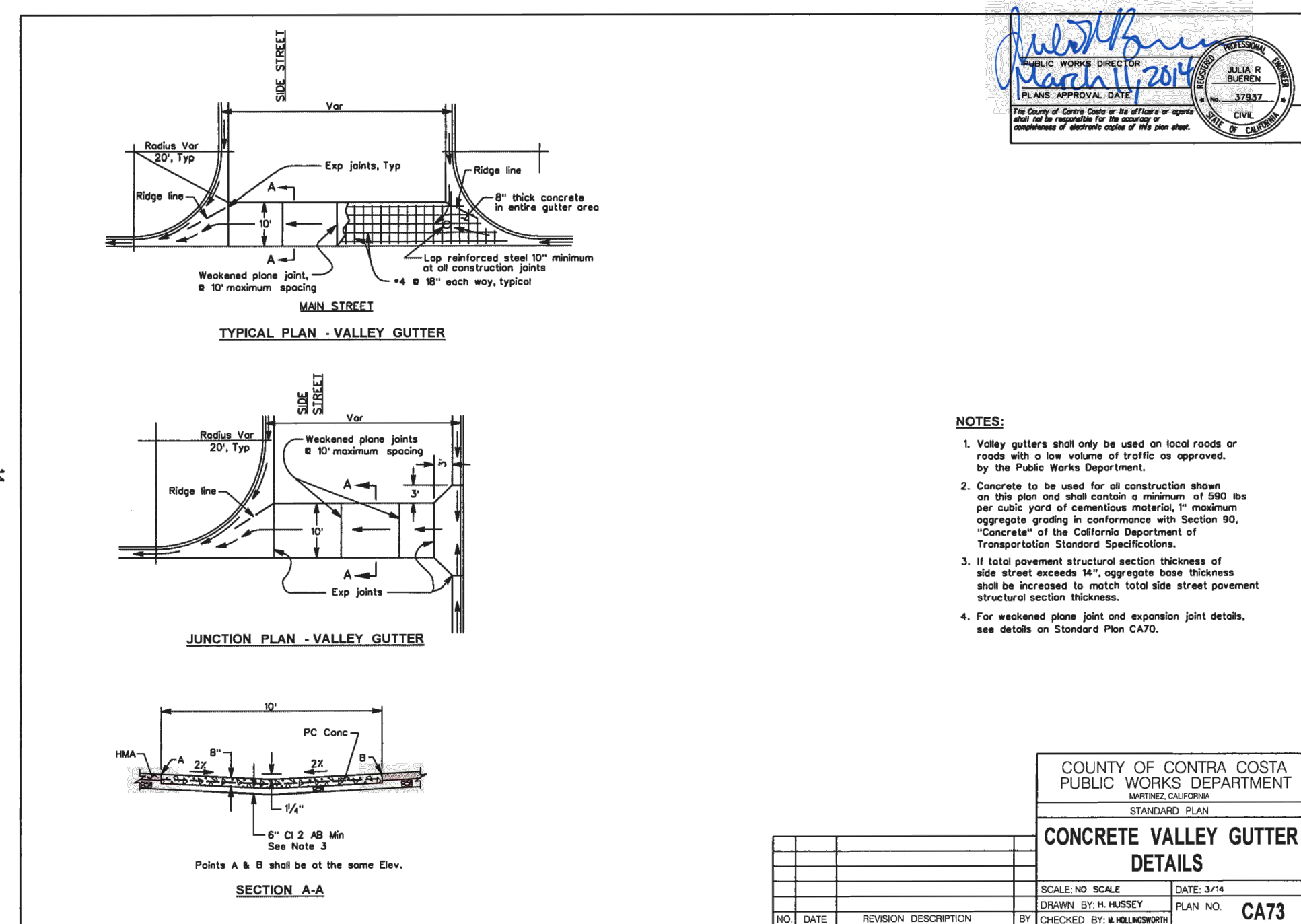
- ALL SIDEWALK INSIDE CURB RETURNS SHALL BE 6" MINIMUM THICKNESS ALONG CURB RETURN.
- REFER TO SOURCES BELOW FOR ADDITIONAL CONSTRUCTION NOTES, INCLUDING TYPICAL SIDEWALK WIDTHS.
- SAW CUT AND REMOVE EXISTING PAVEMENT 12" OR AT THE DIRECTION OF THE ENGINEER FROM THE LIP OF GUTTER AND REPLACE WITH A MINIMUM OF 6" OR THE DEPTH OF EXISTING SECTION OF HMA, WHICHEVER IS GREATER.

SOURCE:

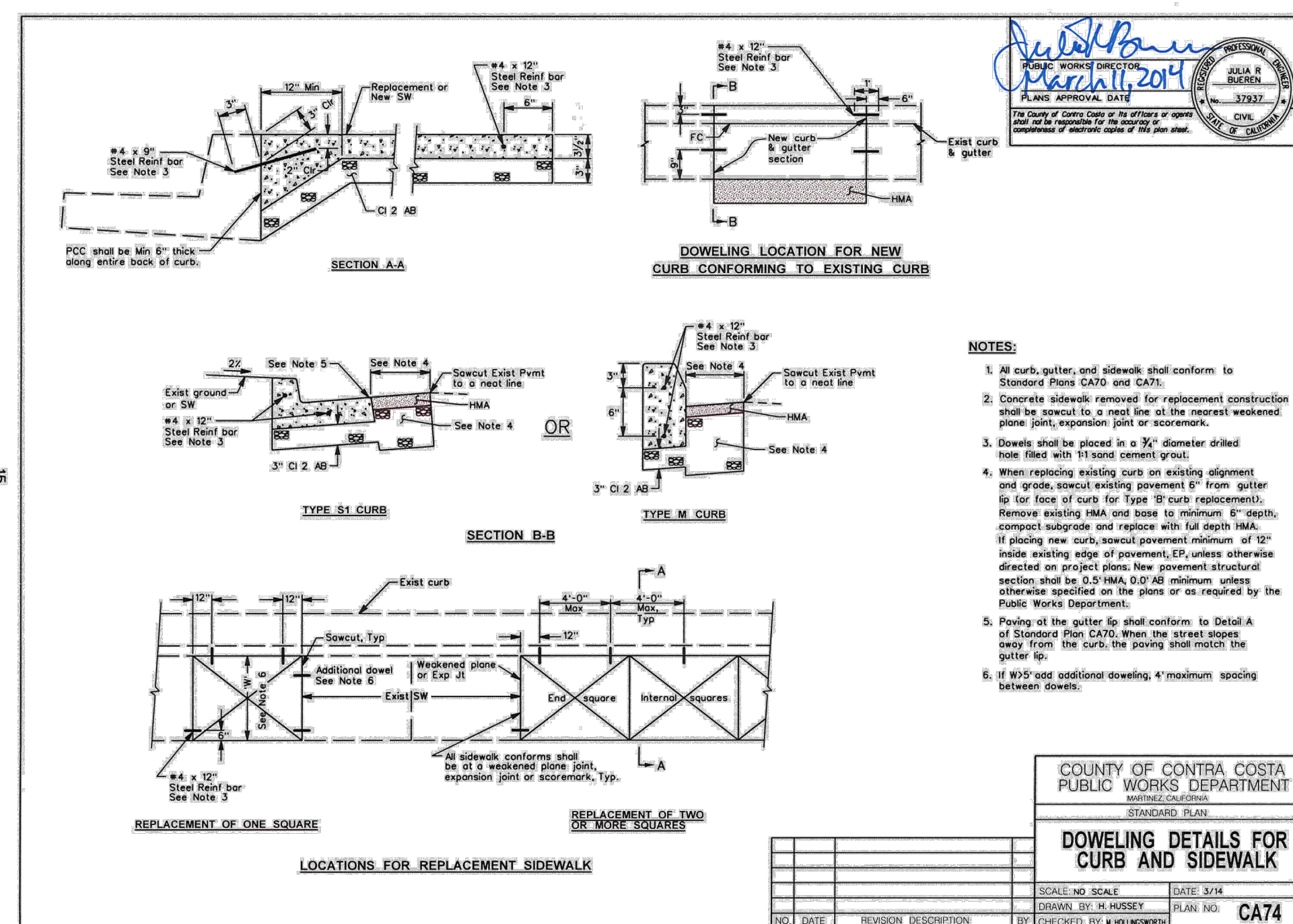
- COUNTY OF CONTRA COSTA PUBLIC WORKS DEPARTMENT, STANDARD PLAN NO. CA70 (MARCH 2014). ALTERATION MADE ABOVE TO CHANGE AB THICKNESS TO 4".
- FOR S1-6 CURB, SEE COUNTY OF CONTRA COSTA PUBLIC WORKS DEPARTMENT, STANDARD PLAN NO. CA71 (MARCH 2014)
- FOR DOWELING INFORMATION, SEE COUNTY OF CONTRA COSTA PUBLIC WORKS DEPARTMENT, STANDARD PLAN NO. CA74 (MARCH 2014)

LEGEND

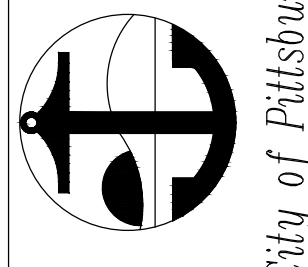
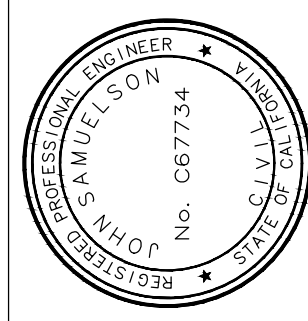
- | | | | |
|--|-------------|--|----------|
| | AC | | HMA PLUG |
| | AB/SUBGRADE | | PCC |
| | SC | | AB |



5
D1
CONCRETE VALLEY GUTTER
N.T.S.



6
D1
DOWELING DETAILS FOR CURB AND SIDEWALK
N.T.S.



DETAILS

FEDERAL AID PROJECT #STPL 5127 (041), PROJECT #2231, WEST LELAND ROAD AND LOVERIDGE ROAD PHASE 2 REHABILITATION PROJECT

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DWG. NO.

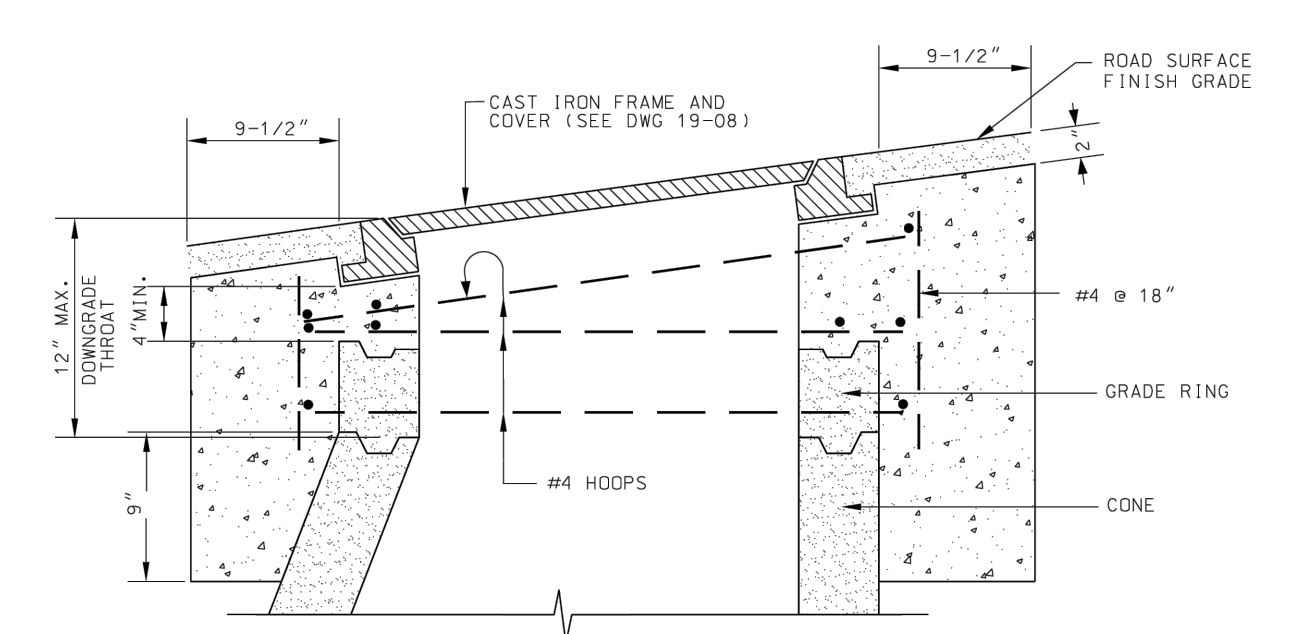
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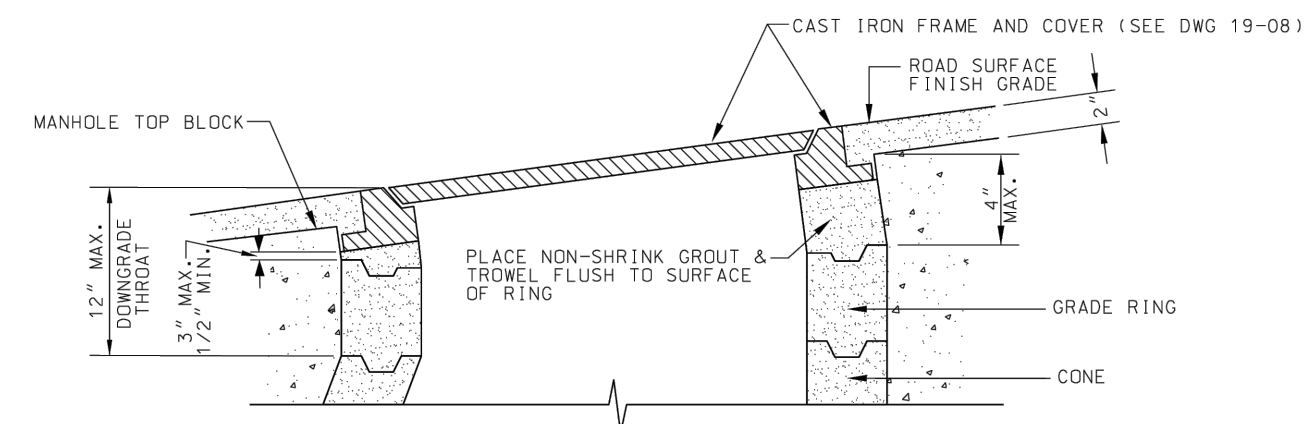
Know what's below. Call before you dig.

**CENTRAL CONTRA COSTA SANITARY DISTRICT
MARTINEZ, CALIFORNIA**

**MANHOLE ADJUSTMENT TO FINISH GRADE
PAVED AREAS**

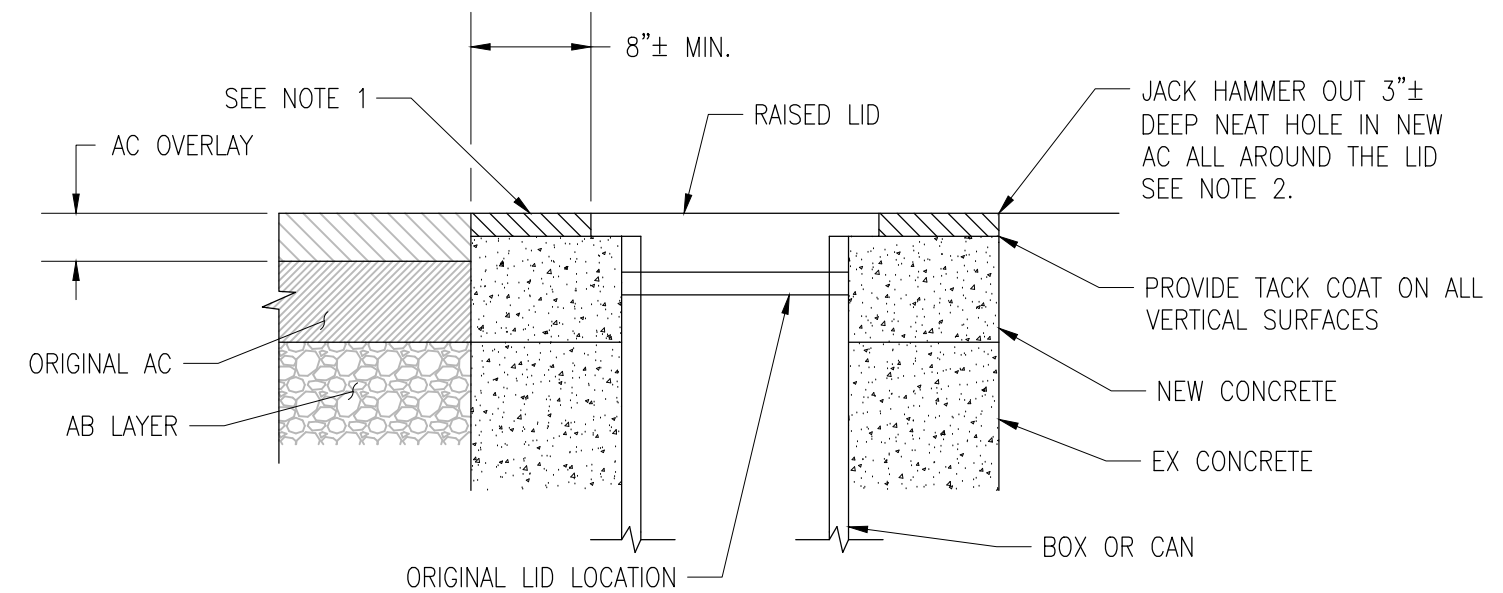


GREATER THAN 13% GRADE

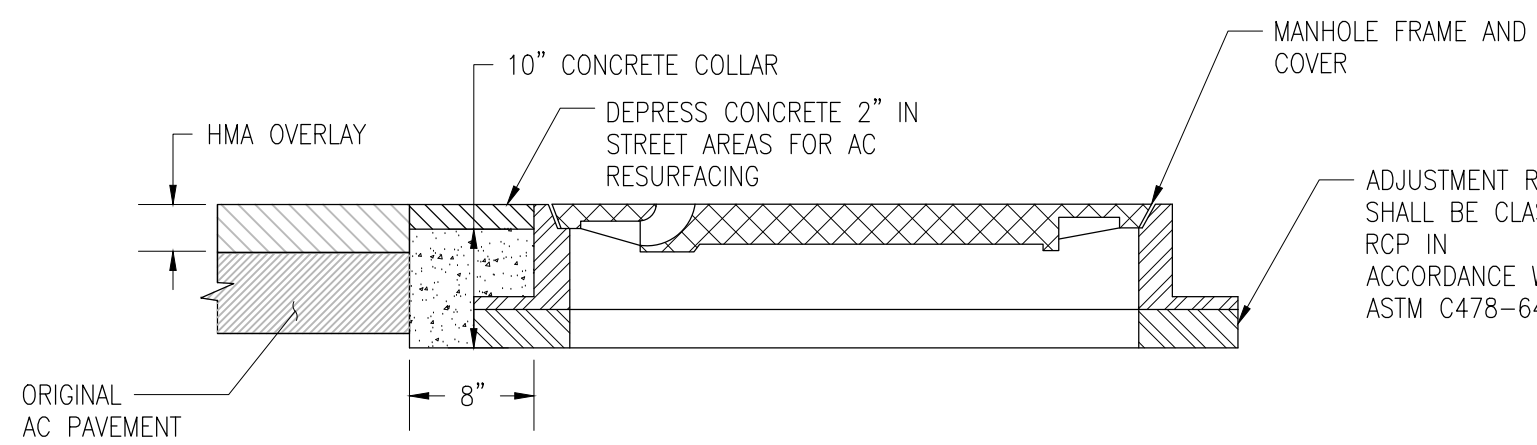


NOTE:
1. SEE DWG 19-01 FOR TOP BLOCK DETAILS

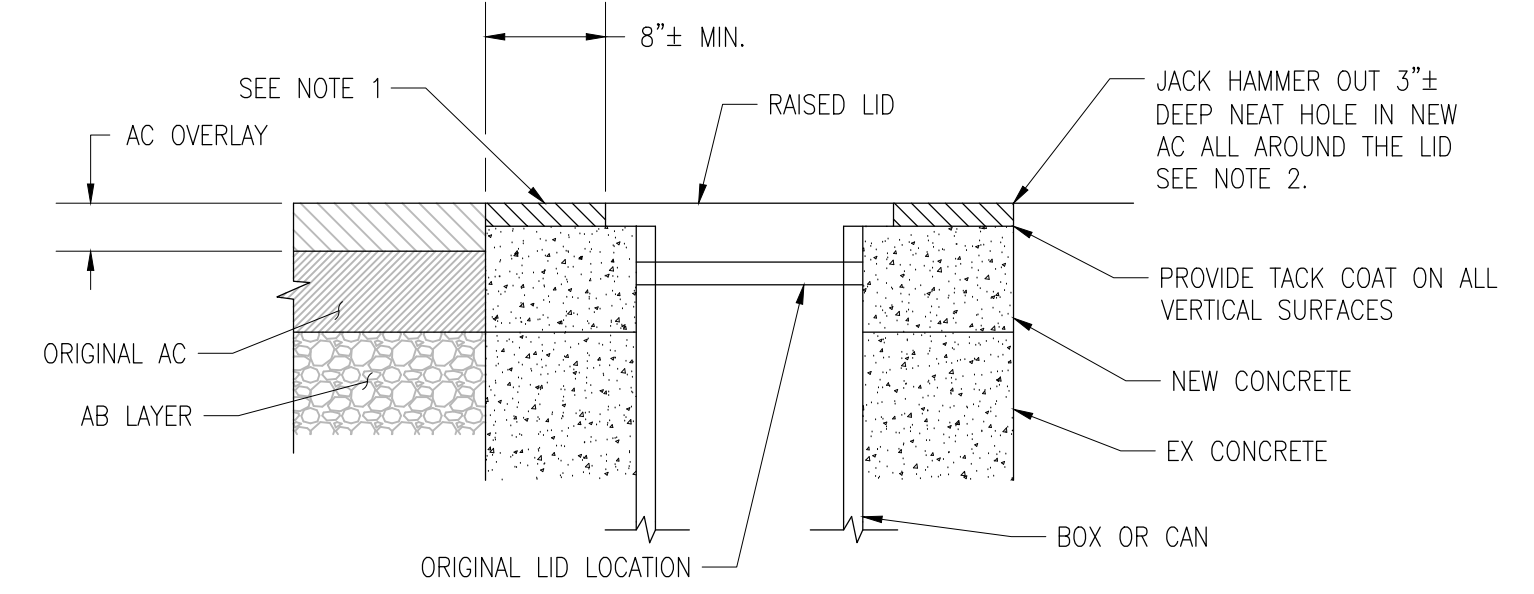
13% GRADE OR LESS



UTILITY BOXES, AND HAND HOLES



MANHOLES



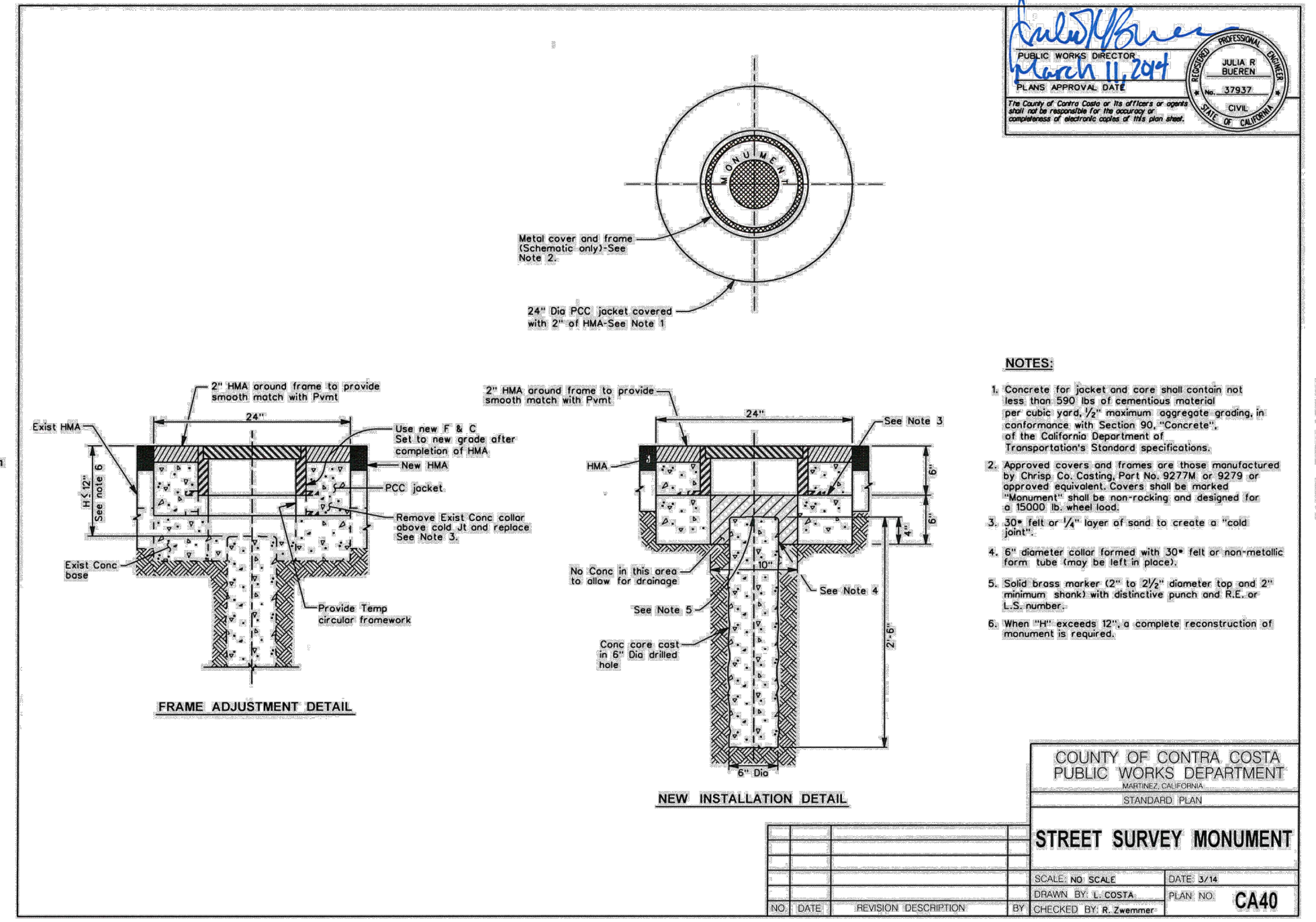
- NOTES:
- PLACE 3/8" TYPE B ASPHALT, COMPACT PER PROJECT SPECIFICATIONS.
 - SCRIBE CIRCLE 8"± MIN FROM OUTSIDE EDGE OF LID AS REFERENCE FOR PAVEMENT REMOVAL. REMOVE ASPHALT 3"± TO FIRM BASE. OBTAIN COMPACTION USING VIBRA PLATE OR ROLLER.
 - RAISED LID SHALL BE FLUSH TO PAVEMENT SURFACE PER THE PROJECT MANUAL.
 - FOR ADJUSTMENT OF UTILITIES, CONTRACTOR TO COORDINATE WITH UTILITY OWNERS FOR SPECIFIC ADJUSTMENT DETAILS. 8" WIDE CONCRETE COLLAR AND AC OVERLAY TO BE TYPICAL FOR ALL UTILITY ADJUSTMENTS.

- NOTES:
- PLACE 3/8" TYPE B ASPHALT, COMPACT PER PROJECT SPECIFICATIONS.
 - SCRIBE CIRCLE 8"± MIN FROM OUTSIDE EDGE OF LID AS REFERENCE FOR PAVEMENT REMOVAL. REMOVE ASPHALT 3"± TO FIRM BASE. OBTAIN COMPACTION USING VIBRA PLATE OR ROLLER.
 - RAISED LID SHALL BE FLUSH TO PAVEMENT SURFACE PER THE PROJECT MANUAL.
 - FOR ADJUSTMENT OF UTILITIES, CONTRACTOR TO COORDINATE WITH UTILITY OWNERS FOR SPECIFIC ADJUSTMENT DETAILS. 8" WIDE CONCRETE COLLAR AND AC OVERLAY TO BE TYPICAL FOR ALL UTILITY ADJUSTMENTS.

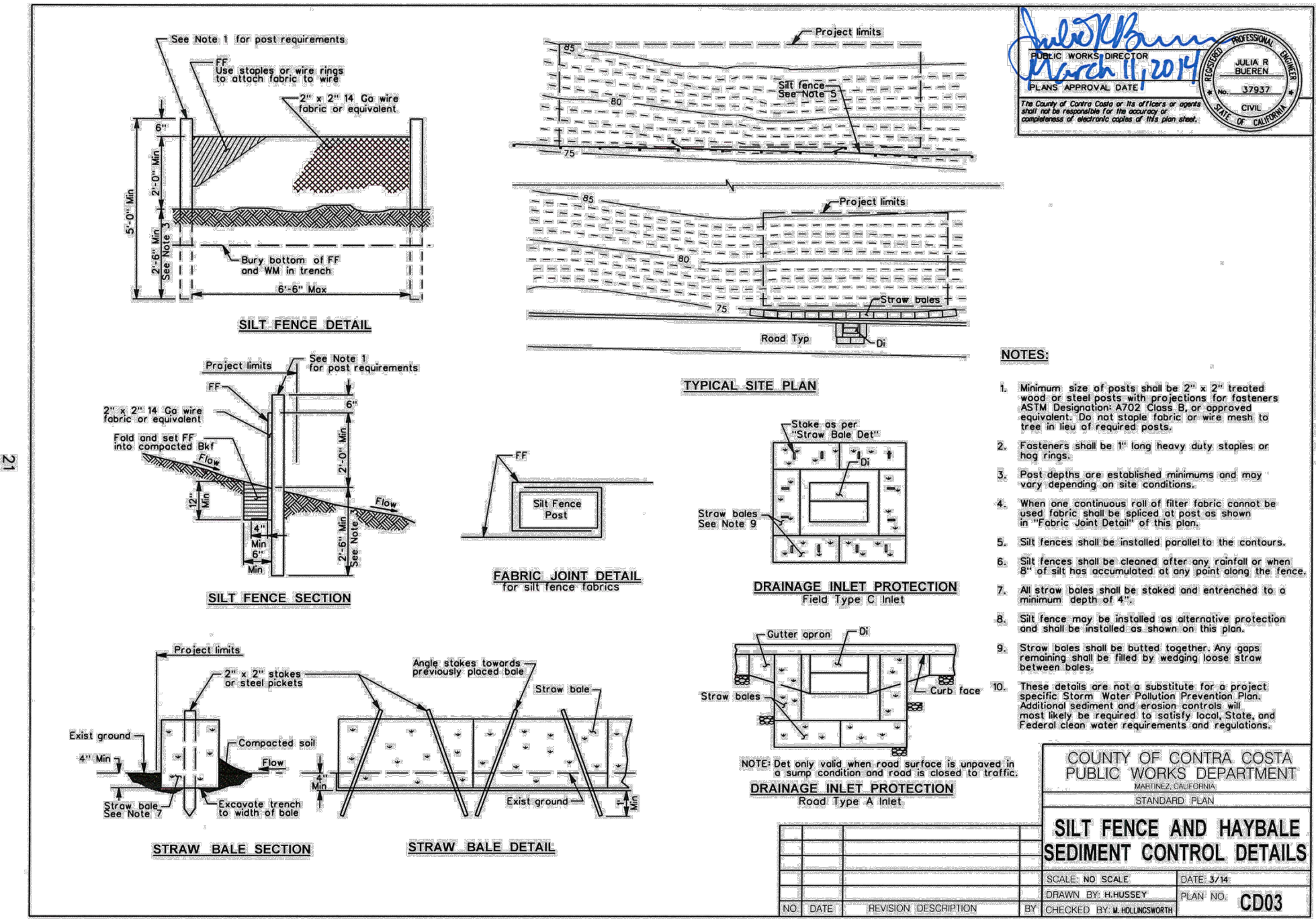
1. UTILITY RAISING AFTER AC OVERLAY
N.T.S.

2. WATER VALVE ADJUSTMENT
N.T.S.

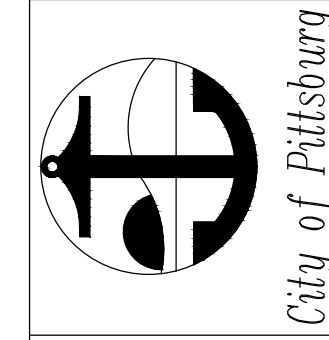
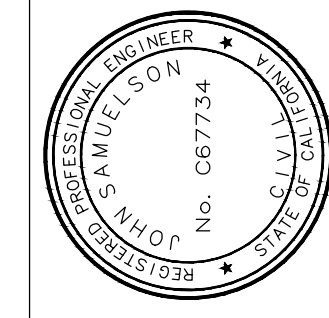
3. SANITARY SEWER MANHOLE ADJUSTMENT
N.T.S.



4. SURVEY MONUMENT BOX ADJUSTMENT
N.T.S.



5. SILTY FENCE AND HAYBALE SEDIMENT CONTROL
N.T.S.



DETAILS

FEDERAL AID PROJECT #STPL 5127 (041), PROJECT #2231, WEST LELAND ROAD AND LOVERIDGE ROAD PHASE 2 REHABILITATION PROJECT

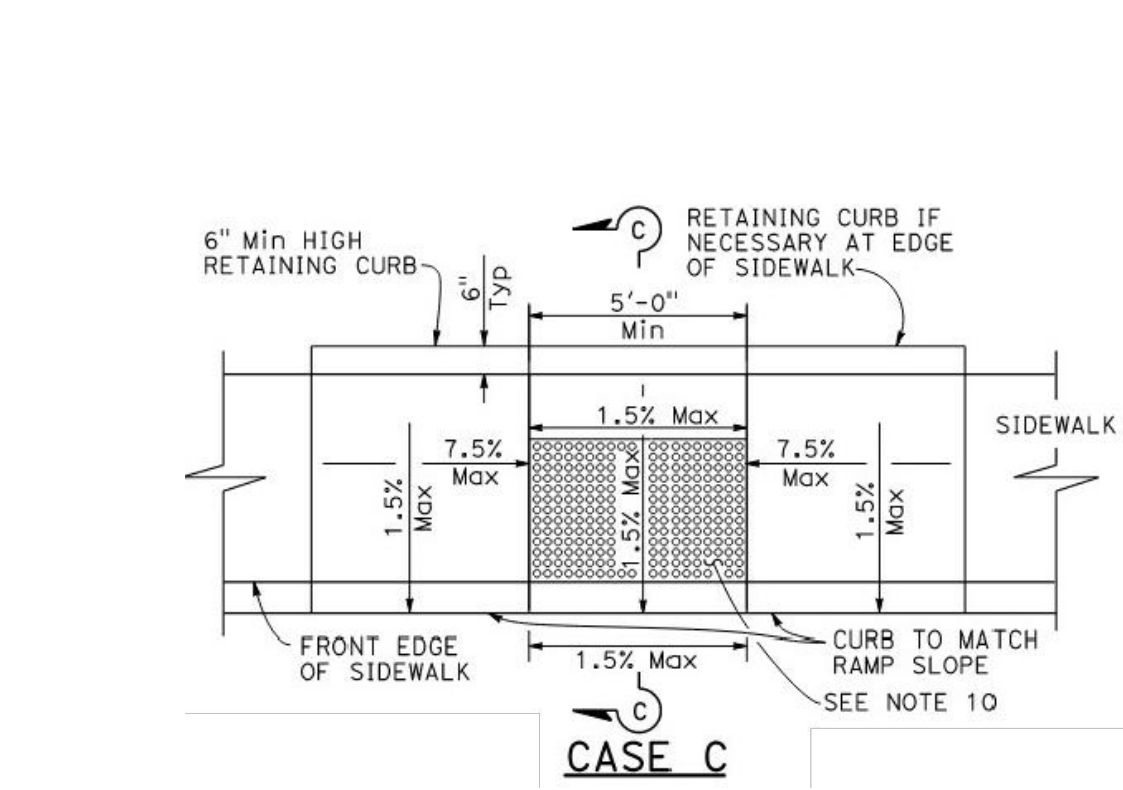
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SHEET NO. 33 OF 34

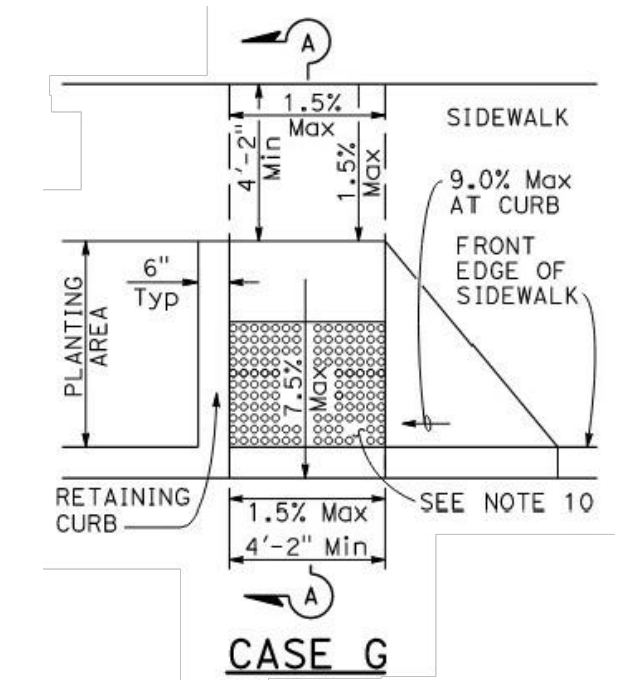
DWG. NO. D2



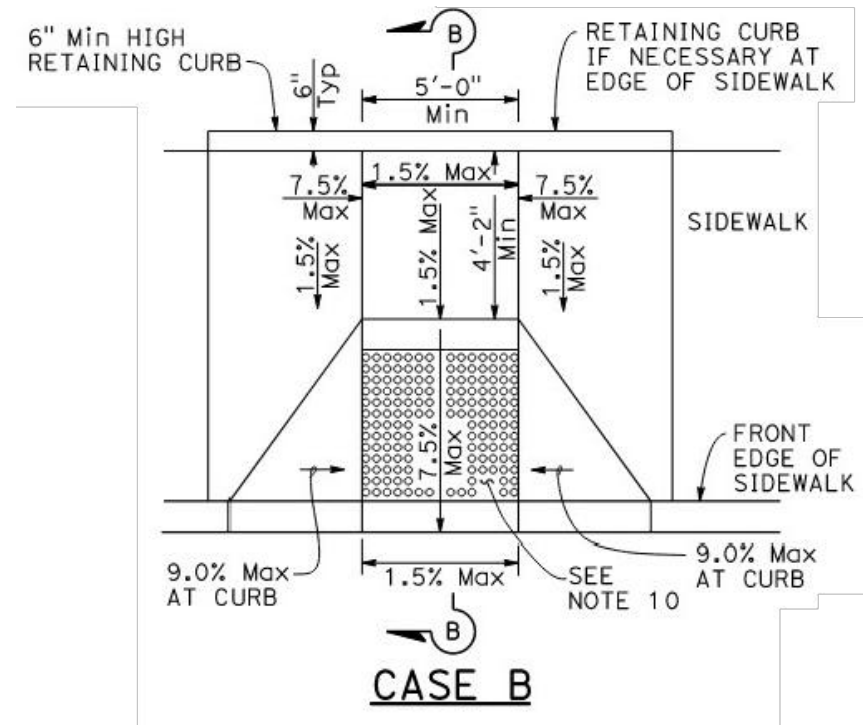
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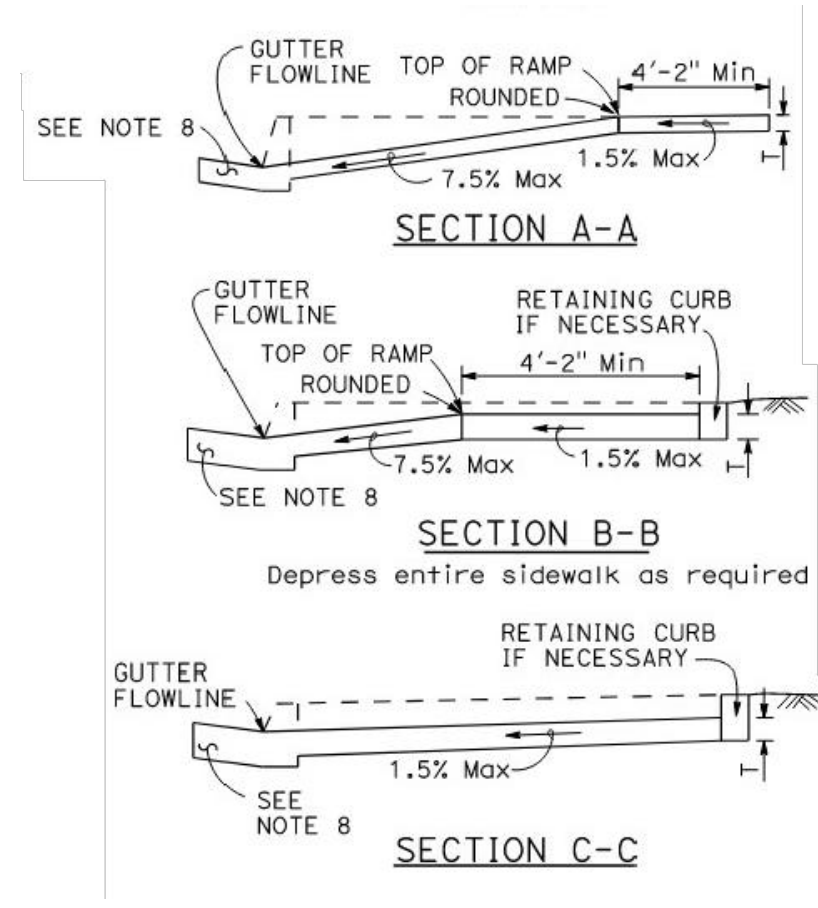
CASE C



CASE G



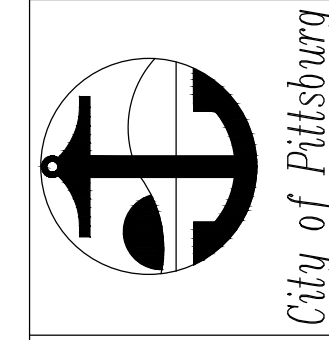
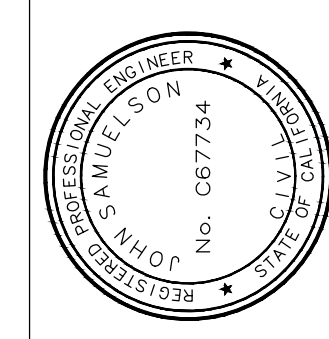
CASE B



1 CALTRANS STANDARD CURB RAMPS
N.T.S.

NOTES:

- CURB RAMPS SHALL HAVE A DETECTABLE WARNING SURFACE THAT EXTENDS THE FULL WIDTH AND 3' DEPTH OF THE RAMP. A 4'-0" DETECTABLE WARNING SURFACE MAY BE USED ON A 4'-2" WIDE CURB RAMP.
- COUNTER SLOPES OF ADJOINING GUTTERS AND ROAD SURFACES IMMEDIATELY ADJACENT TO AND WITHIN 24 INCHES OF THE CURB RAMP SHALL NOT BE STEEPER THAN 1:20 (5.0%). GUTTER PAN SLOPE SHALL NOT EXCEED 1" OF DEPTH FOR EACH 2'-0" OF WIDTH.
- CURB RAMPS SHALL HAVE A DETECTABLE WARNING SURFACE THAT EXTENDS THE FULL WIDTH AND 3'-0" DEPTH OF THE RAMP. A 4'-0" WIDE DETECTABLE WARNING SURFACE MAY BE USED ON A 4'-2" WIDE CURB RAMP. DETECTABLE WARNING SURFACES SHALL CONFORM TO THE REQUIREMENTS IN THE STANDARD SPECIFICATIONS.



DETAILS

FEDERAL AID PROJECT #STPL 5127 (041), PROJECT #2231, WEST LELAND ROAD AND LOVERIDGE ROAD PHASE 2 REHABILITATION PROJECT

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DWG. NO.

D3

