

WARNING: ALL INDIVIDUALS INTERESTED IN BIDDING ON THIS PROJECT MUST OBTAIN THE FINAL PLANS AND SPECIFICATIONS FROM THE DEPARTMENT MANAGING THE PROJECT OR AS OTHERWISE STATED IN THE ADVERTISEMENT FOR BIDS FOR THE PROJECT. DO NOT USE THE PLANS AND SPECIFICATIONS POSTED ON THE CLERK OF THE BOARD'S WEBSITE FOR BIDDING ON THIS PROJECT.

SAN BERNARDINO COUNTY DEPARTMENT OF PUBLIC WORKS



TRANSPORTATION

PLANS FOR CONSTRUCTION ON

VALLEY BOULEVARD AND OTHER ROADS

LIMITS:

VALLEY BOULEVARD: FROM ALDER AVENUE TO SPRUCE AVENUE

CEDAR AVENUE: FROM BLOOMINGTON AVENUE TO RANDALL AVENUE

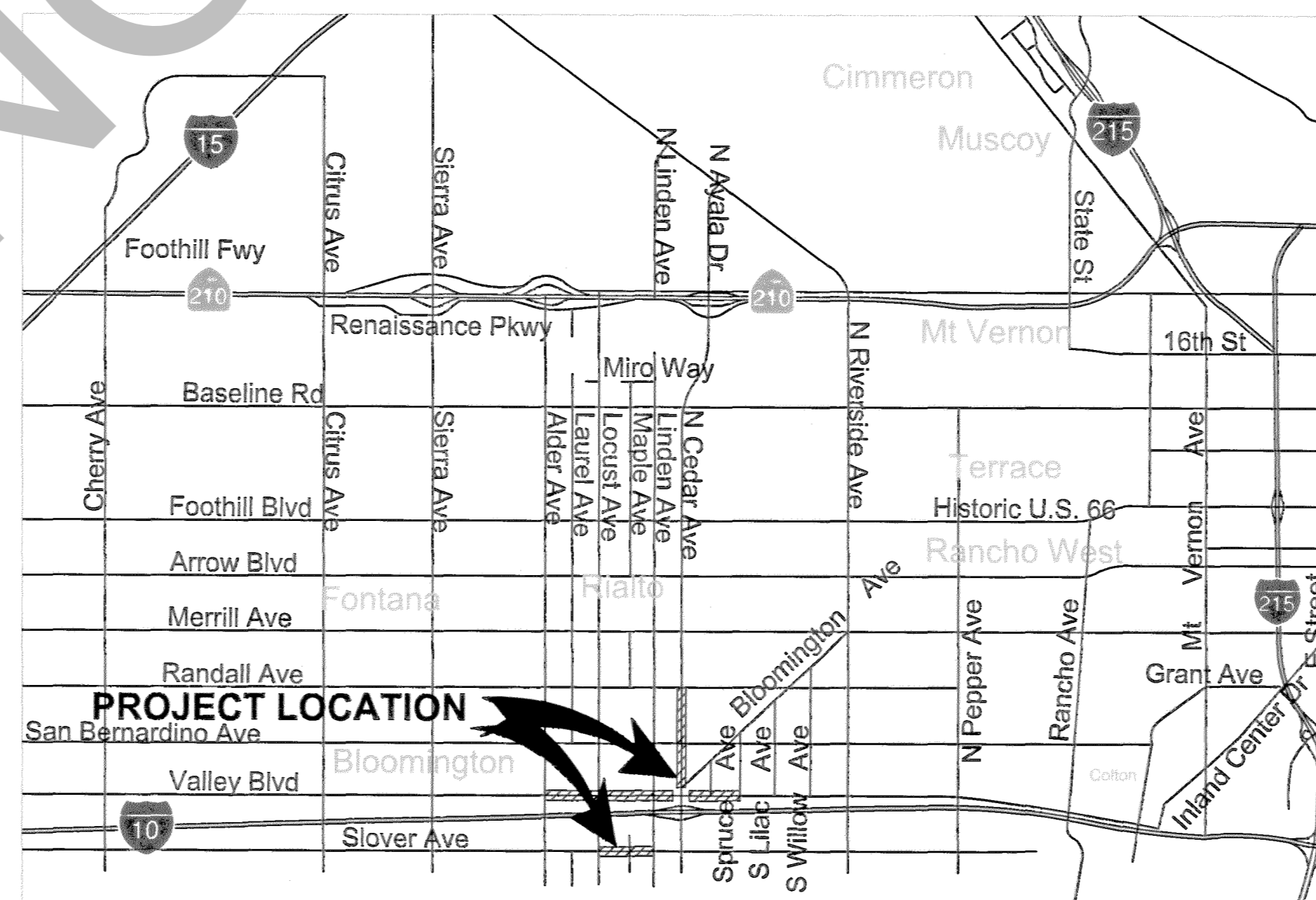
SLOVER AVENUE: FROM LOCUST AVENUE TO LINDEN AVENUE

WORK ORDER NO. H15017

ROAD NO. 842600-033, 218550-020 & 760800-050

NO. OF RAMPS = 15

LENGTH = 3.12 MILES



LOCATION MAP
NOT TO SCALE

SAN BERNARDINO COUNTY

APPROVED BY: Brendon P. Biggs
BRENDON P. BIGGS, M.S., P.E., DIRECTOR OF PUBLIC WORKS R.C.E. 57127

6/30/22
DATE

APPROVED BY: Noel Castillo
NOEL CASTILLO, P.E., ASSISTANT DIRECTOR OF PUBLIC WORKS R.C.E. 78044

6/30/22
DATE

MARK	CHANGES	RESIDENT ENGINEER	DATE
	NO CHANGES		
FIELD CHANGES			SHT. NO. 01
			TOT. SHY'S. 33

MARK	REVISIONS	APPR.	DATE
MARK	REVISIONS	APPR.	DATE

INDEX OF SHEETS

01	TITLE SHEET
02	PROJECT NOTES, INDEX & LEGEND
03-04	TYPICAL SECTIONS AND MISCELLANEOUS DETAILS
05-09	PLAN AND PROFILE RAMPS
10	CURB RAMP DETAILS
11-21	PLAN AND PROFILE ROAD
22-32	SIGNING AND STRIPING PLANS
33	TRAFFIC SIGNAL MODIFICATION PLAN
01-12	CROSS SECTIONS (SLOVER AVENUE)

THE FOLLOWING COUNTY STANDARDS AND SPECIAL DRAWINGS ARE ATTACHED TO THE SPECIAL PROVISIONS:

109(MODIFIED)	115(MODIFIED)	116(MODIFIED)	119(MODIFIED)
129(MODIFIED)	129B	210A	303A
303B	SDD E-3	SPEC DWG 112	

TO BE SUPPLEMENTED BY THE FOLLOWING CALTRANS STANDARD PLANS OR REVISED STANDARD PLANS DATED 2018:

A20A	A20B	A20C	A20D
A24A	A24C	A24D	A24E
A24F	A24G	A87A	A87B
A88A	ES-1A	ES-1B	ES-1C
ES-5B	ES-8A	ES-8B	T9
T10	T11	T13	T30
T31	T32	T34	

TO BE SUPPLEMENTED BY THE FOLLOWING MUTCD STANDARD PLANS DATED 2014:

FIGURE 2A-2 (CA)	FIGURE 3B-102(CA)	FIGURE 6H-28
FIGURE 6H-29	SECTION 6D.01	SECTION 6D.02

THIS PROJECT REQUIRES A CONTRACTOR'S LICENSE CLASS "A"

BASIS OF BEARINGS:

VALLEY BOULEVARD AND CEDAR AVENUE:
THE CENTERLINE OF IMPROVEMENT FOR VALLEY BOULEVARD BETWEEN LARCH AVENUE AND SPRUCE AVENUE PER CORNER RECORD 28/04 BEING N89°33'03" E. DISTANCE AND COORDINATES ARE GROUND. COMBINATION FACTOR=0.99994533

SLOVER AVENUE:
THE CENTERLINE OF IMPROVEMENT FOR SLOVER AVENUE BETWEEN LAUREL AVENUE AND LOCUST AVENUE (PT.6-PT.7) PER RS 153/54 BEING N89°56'18" E. DISTANCE AND COORDINATES ARE GROUND. COMBINATION FACTOR=0.99994738703 1/CF=1.00005261574

BENCH MARK:

VALLEY BOULEVARD (JUL1734):
FOUND 5800 S&W (RP) FLUSH ON AC, ON S'LY SIDE OF VALLEY BOULEVARD, 780' W'LY OF ALDER AVENUE, BEING POINT NO. III PER CSFB 4016/2352. NGVD-29 ELEV=117.63'

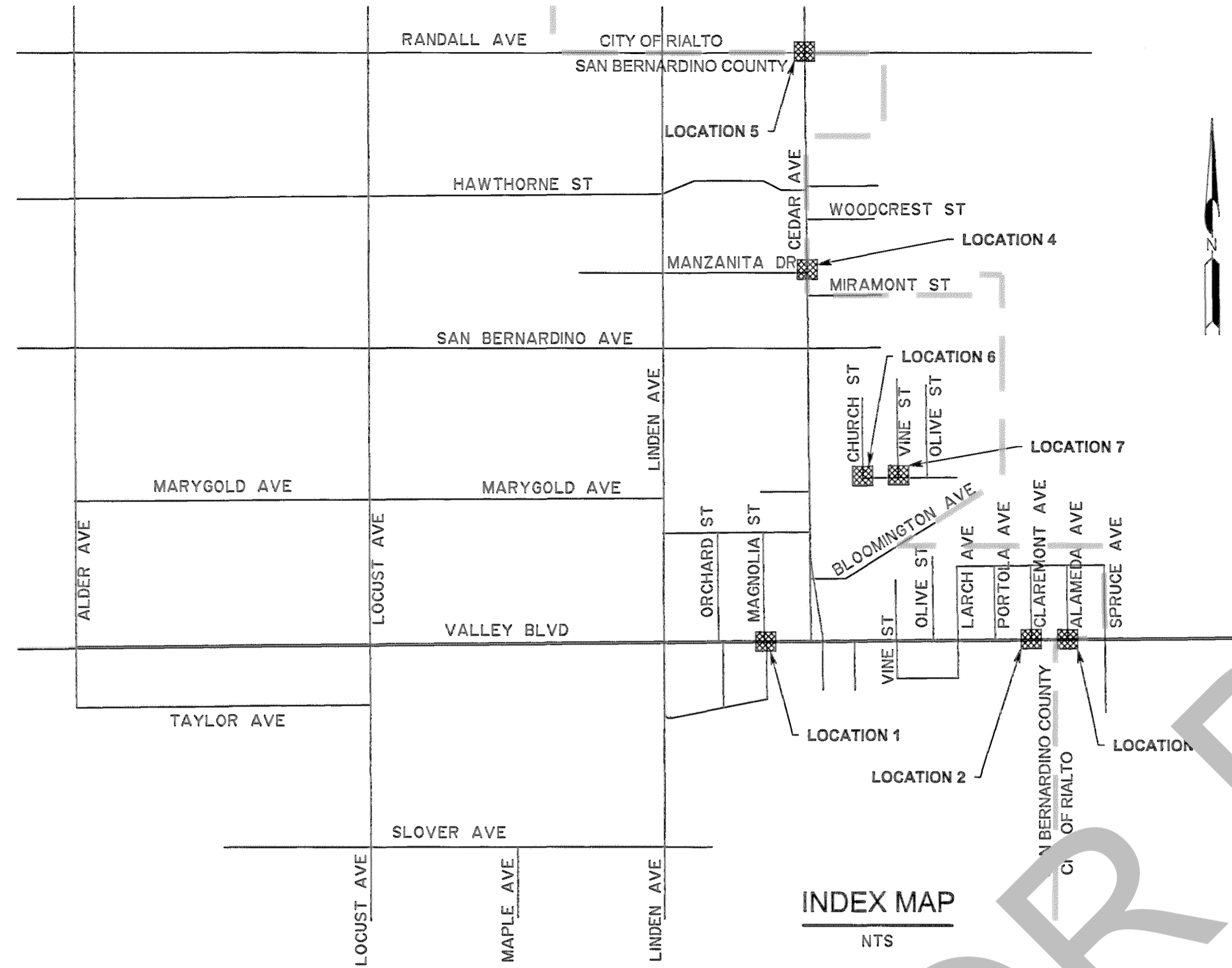
TO CONVERT TO GRID:
• TRANSLATE PROJECT # PT NO. I:
FROM - 10000.0000, 10000.0000
TO - 1848530.3548, 674710.8791
• SCALE PROJECT # PT NO. I (0.99994533)
• ROTATE PROJECT # PT NO. I (+0° 01' 03.080871")

CEDAR AVENUE (JUL1786):
FOUND CHISEL BOX ON CURB AT THE NW CORNER OF CEDAR AVENUE & RANDALL AVENUE, NORTH OF CATCH BASIN, PER 4016/2262. NGVD-29 ELEV=117.12'

TO CONVERT TO GRID:
• TRANSLATE PROJECT # PT NO. I:
FROM - 10000.0000, 10000.0000
TO - 1848530.3548, 674710.8791
• SCALE PROJECT # PT NO. I (0.99994533)
• ROTATE PROJECT # PT NO. I (+0.0103080871)

SLOVER AVENUE (JUL2040):
FOUND CHISEL BOX 9' E'LY OF ECR AT THE SE CORNER OF LOCUST AVENUE & SLOVER AVENUE PER CSFB 4016/2586. NGVD-29 ELEV=1073.60'

TO CONVERT TO GRID:
• TRANSLATE PROJECT # PT NO. I:
FROM - 20000.0000, 20000.0000
TO - 1845843.9166, 6740434.2520
• SCALE PROJECT # PT NO. I (0.99994738703)
• ROTATE PROJECT # PT NO. I (-0° 28' 31.95523")



LOCATION	RAMPS	SHEET NUMBER
LOCATION 1	VALLEY BOULEVARD @ MAGNOLIA STREET, RAMPS 1 @ 3	SHEET NUMBER 05
LOCATION 2	VALLEY BOULEVARD @ CLAREMONT AVENUE, RAMPS 4 @ 5	SHEET NUMBER 06
LOCATION 3	VALLEY BOULEVARD @ ALAMEDA AVENUE, RAMPS 6 @ 7	SHEET NUMBER 07
LOCATION 4	CEDAR AVENUE @ MANZANITA DRIVE, RAMPS 8 @ 9	SHEET NUMBER 08
LOCATION 5	CEDAR AVENUE @ RANDALL AVENUE, RAMPS 10 @ 11	SHEET NUMBER 08
LOCATION 6	MARYGOLD AVENUE @ CHURCH STREET, RAMPS 12 @ 13	SHEET NUMBER 09
LOCATION 7	MARYGOLD AVENUE @ VINE STREET, RAMPS 14 @ 15	SHEET NUMBER 09

GENERAL NOTES

U. THE FACT THAT ANY UTILITY FACILITY IS SHOWN OR NOT SHOWN ON THE PLANS SHALL NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY TO VERIFY THE LOCATION AND DEPTH OF ALL UTILITIES IN ACCORDANCE WITH SECTION 5-1.36 C "NON-HIGHWAY FACILITIES" OF THE CALTRANS STANDARD SPECIFICATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY, PURSUANT TO SECTION 5-1.36 C, TO OBTAIN THE LOCATION OF ANY UTILITY FACILITY THAT MAY BE SUBJECT TO DAMAGE BY REASON OF THE CONTRACTOR'S OPERATIONS.

1. STATIONING NOTES ON PLAN REFER TO THE CENTERLINE IMPROVEMENT OF VALLEY BOULEVARD, CEDAR AVENUE, SLOVER AVENUE OR SIDE STREET.
2. DIMENSIONS ARE SUBJECT TO TOLERANCES SPECIFIED IN THE CALTRANS STANDARD SPECIFICATIONS.
3. ALL PAVEMENT WIDTH DIMENSIONS SHOWN ON THE PLANS ARE TO THE EDGE OF PAVEMENT OR TO THE TOP OF CURB, UNLESS OTHERWISE NOTED.
4. TRANSITIONS AND WARPING SHALL BE AS SHOWN AND AS DETERMINED BY THE ENGINEER.
5. ASPHALT CONCRETE OVERLAYS SHALL BE FEATHERED TO MEET EXISTING AS SHOWN ON THE PLANS OR AS DETERMINED BY THE ENGINEER.
6. ALL TREES & VEGETATION OUTSIDE THE LIMITS OF EXCAVATION AND EMBANKMENT SLOPE LINES, SHALL BE PROTECTED IN PLACE.

CONSTRUCTION NOTES:

1. PROTECT IN PLACE.
2. ADJUST TO GRADE. (ITEM PER PLAN).
3. SAWCUT & REMOVE EXISTING ASPHALT CONCRETE SURFACING, 2' WIDE MINIMUM UNLESS OTHERWISE SHOWN ON PLANS.
4. SAWCUT, REMOVE & DISPOSE OF EXISTING CURB & GUTTER.
5. SAWCUT, REMOVE AND DISPOSE OF CONCRETE SURFACING (RAMP, SIDEWALK, DRIVEWAY, SPANDREL AND CROSS GUTTER).
6. RELOCATE. (ITEM PER PLAN).
7. CONSTRUCT 6" CURB AND GUTTER PER SAN BERNARDINO COUNTY STD PLAN NO. 116 (MODIFIED).
8. REMOVE (BY OTHERS).
9. CONSTRUCT ASPHALT CONCRETE (TYPE A) OVER CLASS II BASE. PAVEMENT SECTION DEPTHS PER PLAN.
10. CONSTRUCT 8" CURB PER CALTRANS STD PLAN NO. A87A, TYPE A1-B.
11. CONSTRUCT 8" CURB AND GUTTER PER SAN BERNARDINO COUNTY STD PLAN NO. 115 (MODIFIED).
12. CONSTRUCT SIDEWALK PER SAN BERNARDINO COUNTY STD PLAN NO. 109 (MODIFIED).
13. CONSTRUCT CURB RAMP AND, ADA DETECTABLE WARNING SURFACE AND GUTTER PAN TRANSITION PER 2018 CALTRANS STD PLAN NO. 198A, CASE PER PLAN.
14. REMOVE EXISTING PAVEMENT AND CONSTRUCT 2" ASPHALT CONCRETE OVERLAY.
15. CONSTRUCT 6" CONCRETE RETAINING CURB PER CALTRANS STD PLAN NO. A87A, TYPE A1-B.
16. CONSTRUCT SIDEWALK TRANSITION (1.5% TO EXISTING SLOPE).
17. CONSTRUCT GROUTED ROCK TREATMENT PER SAN BERNARDINO COUNTY SPEC DWG NO. 112 INCLUDED IN THE SPECIFICATIONS.
18. CONSTRUCT SPANDREL AND/OR CROSS GUTTER PER COUNTY STD PLAN NO. 119 (MODIFIED).
19. CONSTRUCT DRIVEWAY PER SAN BERNARDINO COUNTY STD PLAN NO. 129 (MODIFIED).
20. CONSTRUCT AC DIKE TRANSITION 8" CF TO 0" CF AC PER 2018 CALTRANS STD PLAN NO. A87B, LENGTH PER PLAN.
21. REMOVE AND CONSTRUCT PORTION OF OUTLET STRUCTURE PER SAN BERNARDINO COUNTY STD PLAN NO. 210A, LENGTH PER PLAN. MATCH EXISTING WIDTH.
22. CONSTRUCT CONCRETE PAD PER DETAIL B ON SHEET 04.
- U UTILITIES TO BE RELOCATED BY OTHERS. SEE NOTE U OF THE GENERAL NOTES ON SHEET NO. 2.

PAVEMENT CONSTRUCTION NOTES:

1. PROTECT IN PLACE.
2. ADJUST TO GRADE. (ITEM PER PLAN).
40. COLD PLANE (0.24' THICK) OF EXISTING ASPHALT CONCRETE SURFACING.
41. COLD PLANE (0.25' THICK) OF EXISTING ASPHALT CONCRETE SURFACING.
42. COLD PLANE (0.30' THICK) OF EXISTING ASPHALT CONCRETE SURFACING.
43. APPLY TACK COAT, PLACE (0.05' MINIMUM THICK) LEVELING COURSE OF TYPE A, 3/8" AGGREGATE GRADATION MAXIMUM, MEDIUM SETTING, PG 64-10 HOT MIX ASPHALT CONCRETE.
44. APPLY TACK COAT, PLACE (0.06' MINIMUM THICK) LEVELING COURSE OF TYPE A, 3/8" AGGREGATE GRADATION MAXIMUM, MEDIUM SETTING, PG 64-10 HOT MIX ASPHALT (HMA).
45. APPLY GLASPAVE 50 PAVING MAT, OR APPROVED EQUAL.
46. APPLY TACK COAT, PLACE (0.18' THICK) TYPE C, 3/4" AGGREGATE GRADATION, PG 76-22 PM, HOT MIX ASPHALT (HMA).
47. APPLY TACK COAT, PLACE (0.24' THICK) TYPE C, 3/4" AGGREGATE GRADATION, PG 76-22 PM, HOT MIX ASPHALT (HMA).
49. NOT USED.
50. APPLY TACK COAT, PLACE (0.30' THICK) TYPE C, 1.0" AGGREGATE GRADATION, PG 76-22 PM, HOT MIX ASPHALT (HMA).
51. PULVERIZE-IN-PLACE (0.95' THICK) EXISTING ASPHALT CONCRETE SURFACING AND NATIVE MATERIAL.
52. REMOVE (0.60' THICK) PULVERIZED ASPHALT CONCRETE AND NATIVE MATERIAL.
53. ADD 2% CEMENT TO THE REMAINING PULVERIZED MATERIAL (0.35' THICK), AND THEN COMPACT.
54. APPLY E-PRIME COAT, PLACE (0.60' THICK) TYPE C, 1.0" AGGREGATE GRADATION, PG 76-22 PM, HOT MIX ASPHALT (HMA).
55. APPLY FOG SEAL WITH REJUVENATING OIL ON TOP OF THE ISOLATED AREA.
56. ADJUST MANHOLE TO GRADE PER SDD STD E-3.
57. PLACE 0.20' OF TYPE G, 3/4" AGGREGATE GRADATION, PG 64-16 RUBBERIZED HOT MIX ASPHALT (RHMA).
59. APPLY TACK COAT, PLACE (0.30' THICK) TYPE C, 1.0" AGGREGATE GRADATION, PG 76-22 PM, HOT MIX ASPHALT (HMA).

UNDERGROUND UTILITY LEGEND

GAS LINE	G
STORM DRAIN	SD
TELEPHONE LINE	T
WATER LINE	W
ELECTRIC LINE	E

ABBREVIATIONS LEGEND:

AC	= ASPHALT CONCRETE	MIN	= MINIMUM
ALIGN	= ALIGNMENT	MB	= MAILBOX
AP	= ANGLE POINT	MH	= MANHOLE
AVE	= AVENUE	N	= NORTHING
BEG	= BEGINNING	N'LY	= NORTHERLY
BC	= BEGIN CURVE	NTS	= NOT TO SCALE
BCR	= BEGIN CURB RETURN	PB	= PULL BOX
CF	= CURB FACE	PCC	= PORTLAND CEMENT CONCRETE
CBG	= CURB AND GUTTER	PG	= PROPOSED GRADE/PROFILE GRADE
CG	= CROSS GUTTER	POT	= POINT ON TANGENT
CL/C.L.	= CENTERLINE	PI	= POINT OF INTERSECTION
CR	= CURB RAMP	PP	= POWER POLE
DR	= DRIVE	PPB	= PEDESTRIAN PUSH BUTTON
DRWY	= DRIVEWAY	PVI	= POINT OF VERTICAL INTERSECTION
DWG	= DRAWING	RC	= RETAINING CURB
E	= EASTING	RT	= RIGHT
E'LY	= EASTERLY	ROW	= RIGHT OF WAY
ECR	= END OF CURB RETURN	R/W	= RIGHT OF WAY
EG	= EXISTING GROUND	SBC	= SAN BERNARDINO COUNTY
ELEC	= ELECTRIC	S'LY	= SOUTHERLY
ELEV	= ELEVATION	SD	= STORM DRAIN
EM	= ELECTRIC METER	SDD	= SPECIAL DISTRICTS DEPARTMENT
EX	= EXISTING	SL	= STREET LIGHT
FG	= FINISHED GRADE	SNS	= STREET NAME SIGN
FH	= FIRE HYDRANT	SS	= SANITARY SEWER
FL	= FLOW LINE	ST	= STREET
FS	= FINISHED SURFACE	STA	= STATION
GB	= GRADE BREAK	STD	= STANDARD
GL	= GUTTER LIP	SWLK	= SIDEWALK
GV	= GAS VALVE	SUR	= SURVEY
GW	= GUY WIRE	THK	= THICKNESS
HMA	= HOT MIXED ASPHALT	TS	= TRAFFIC SIGNAL
HPG	= HIGH PRESSURE GAS	W'LY	= WESTERLY
IMP	= IMPROVEMENT	WM	= WATER METER
LT	= LEFT	WV	= WATER VALVE
MAX	= MAXIMUM		

CONSTRUCTION MATERIALS

ASPHALT CONCRETE MILL AND OVERLAY
ASPHALT CONCRETE PAVEMENT
PULVERIZE ASPHALT CONCRETE
GROUTED ROCK PAVING
PORTLAND CEMENT CONCRETE
EXISTING PORTLAND CEMENT CONCRETE BENEATH ROADWAY
ASPHALT CONCRETE MILL AND OVERLAY
ASPHALT CONCRETE PAVEMENT
ASPHALT LEVELING
CEMENT CONCRETE MIX WITH PULVERIZED ASPHALT CONCRETE
PULVERIZE ASPHALT CONCRETE

LEGEND

(I)	CURVE NUMBER
---	SAWCUT
---	FLOWLINE
---	RIGHT OF WAY
---	CITY/COUNTY BOUNDARY
---	PROPERTY LINE
---	CENTERLINE

PLANS PREPARED UNDER THE SUPERVISION OF:

Kimley»Horn

100 TOWN AND COUNTRY ROAD, SUITE 700, ORANGE, CALIFORNIA 92668 (714) 939-1030



OTHMAN ELMZEIN, PE R.C.E. 06/23/2022 DATE

SAN BERNARDINO COUNTY DEPARTMENT OF PUBLIC WORKS

DESIGNED BY: AM	DRAWN BY: AA	CHECKED BY: OE	RECOMMENDED BY: [Signature] 6/30/22
PLANS PREPARED UNDER THE SUPERVISION OF: [Signature] 4/30/22			APPROVED BY: [Signature] 6/30/22
THOMAS BUSTAMANTE, P.E. SUPERVISING ENGINEER			MICHAEL N. MCKHAIL, P.E. INTERIM DEPUTY DIRECTOR

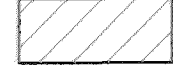

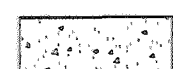

VALLEY BOULEVARD AND OTHER ROADS PROJECT NOTES, INDEX & LEGEND BLOOMINGTON AREA

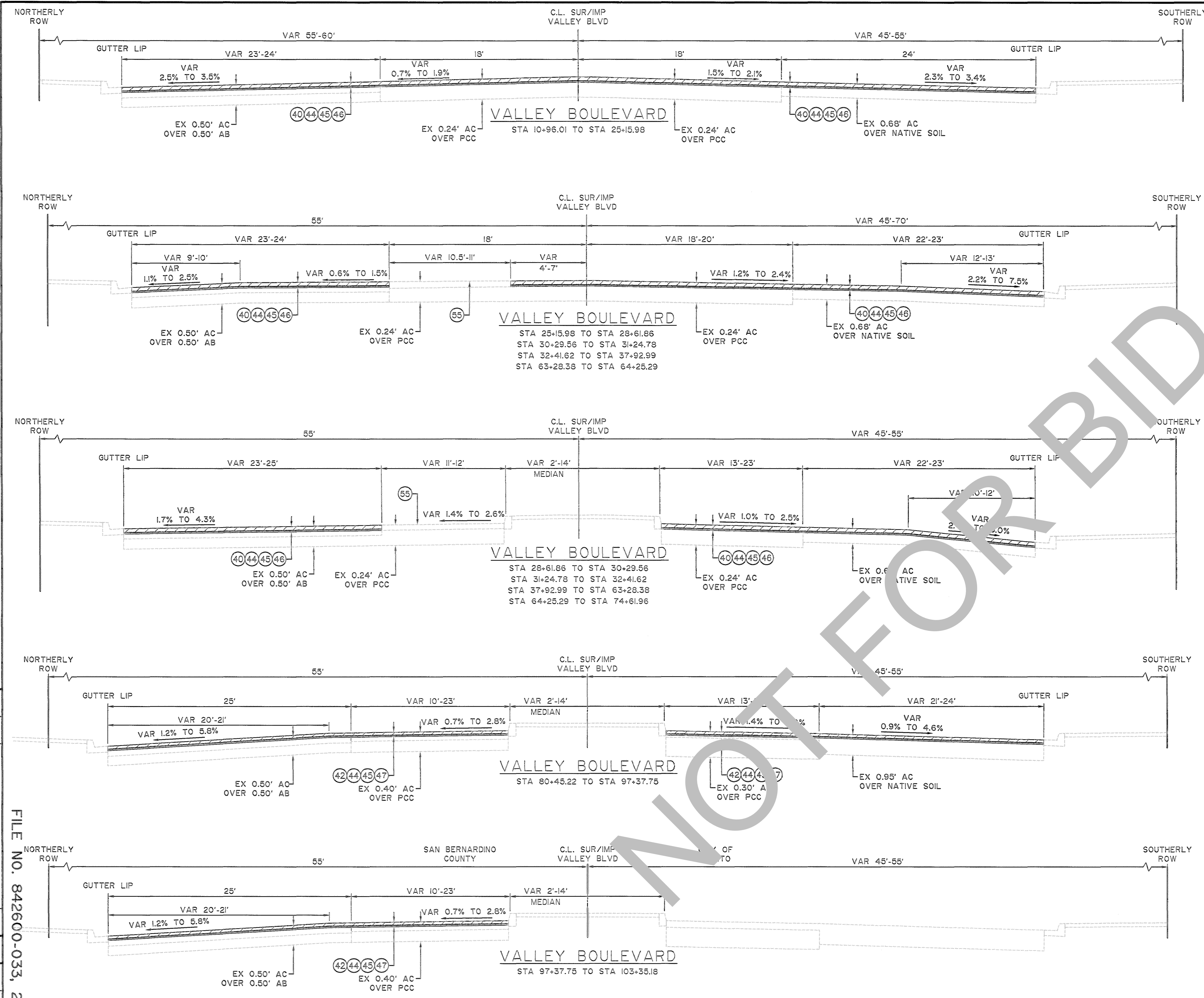
J.L. REF. SHEET 02	W.O. NO. HI5017	PLAN SCALE AS SHOWN	SHT. NO. 02	TOT. SHTS. 33
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FILE NO. 842600-033, 218550-020 & 760800-050

FILE NO. 842600-033, 218550-020 & 760800-050

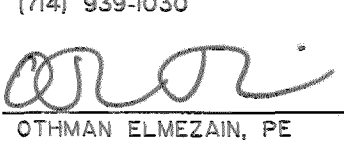
- ### PAVEMENT CONSTRUCTION NOTES
- (40) COLD PLANE (0.24' THICK) OF EXISTING ASPHALT CONCRETE SURFACING.
 - (42) COLD PLANE (0.30' THICK) OF EXISTING ASPHALT CONCRETE SURFACING.
 - (44) APPLY TACK COAT, PLACE (0.06' MINIMUM THICK) LEVELING COURSE OF TYPE A, 3/8" AGGREGATE GRADATION MAXIMUM, MEDIUM SETTING, PG 64-10 HOT MIX ASPHALT (HMA).
 - (45) APPLY GLASPAVE 50 PAVING MAT, OR APPROVED EQUAL.
 - (46) APPLY TACK COAT, PLACE (0.18' THICK) TYPE C, 3/4" AGGREGATE GRADATION, PG 76-22 PM, HOT MIX ASPHALT (HMA).
 - (47) APPLY TACK COAT, PLACE (0.24' THICK) TYPE C, 3/4" AGGREGATE GRADATION, PG 76-22 PM, HOT MIX ASPHALT (HMA).
 - (55) APPLY FOG SEAL WITH REJUVENATING OIL ON TOP OF THE ISOLATED AREA.

- ### LEGEND
-  ASPHALT CONCRETE MILL AND OVERLAY
 -  ASPHALT LEVELING
 -  CEMENT CONCRETE MIX WITH PULVERIZED ASPHALT CONCRETE
 -  GLASPAVE 50 PAVING MAT



MARK	REVISIONS	APPR.	DATE
MARK	REVISIONS	APPR.	DATE




FILE NO. 842600-033, 218550-020 & 760800-050

PLANS PREPARED UNDER THE SUPERVISION OF:
Kimley»Horn
 100 TOWN AND COUNTRY ROAD, SUITE 700, ORANGE, CALIFORNIA 92668
 (714) 939-1030

 OTHMAN ELMEZAIN, PE R.C.E. 06/23/2022 DATE



MARK	CHANGES	DATE
	NO CHANGES	
	RESIDENT ENGINEER	

SAN BERNARDINO COUNTY
DEPARTMENT OF PUBLIC WORKS

DESIGNED BY:	DRAWN BY:	CHECKED BY:	RECOMMENDED BY:	DATE
AM	AA	OE		6/30/22
PLANS PREPARED UNDER THE SUPERVISION OF:			APPROVED BY:	DATE
				6/30/22
THOMAS BUSTAMANTE, P.E. SUPERVISING ENGINEER			MERIM N. MIKHAIL, P.E. INTERIM DEPUTY DIRECTOR	

VALLEY BOULEVARD AND OTHER ROADS
 TYPICAL SECTIONS AND MISCELLANEOUS DETAILS
 BLOOMINGTON AREA

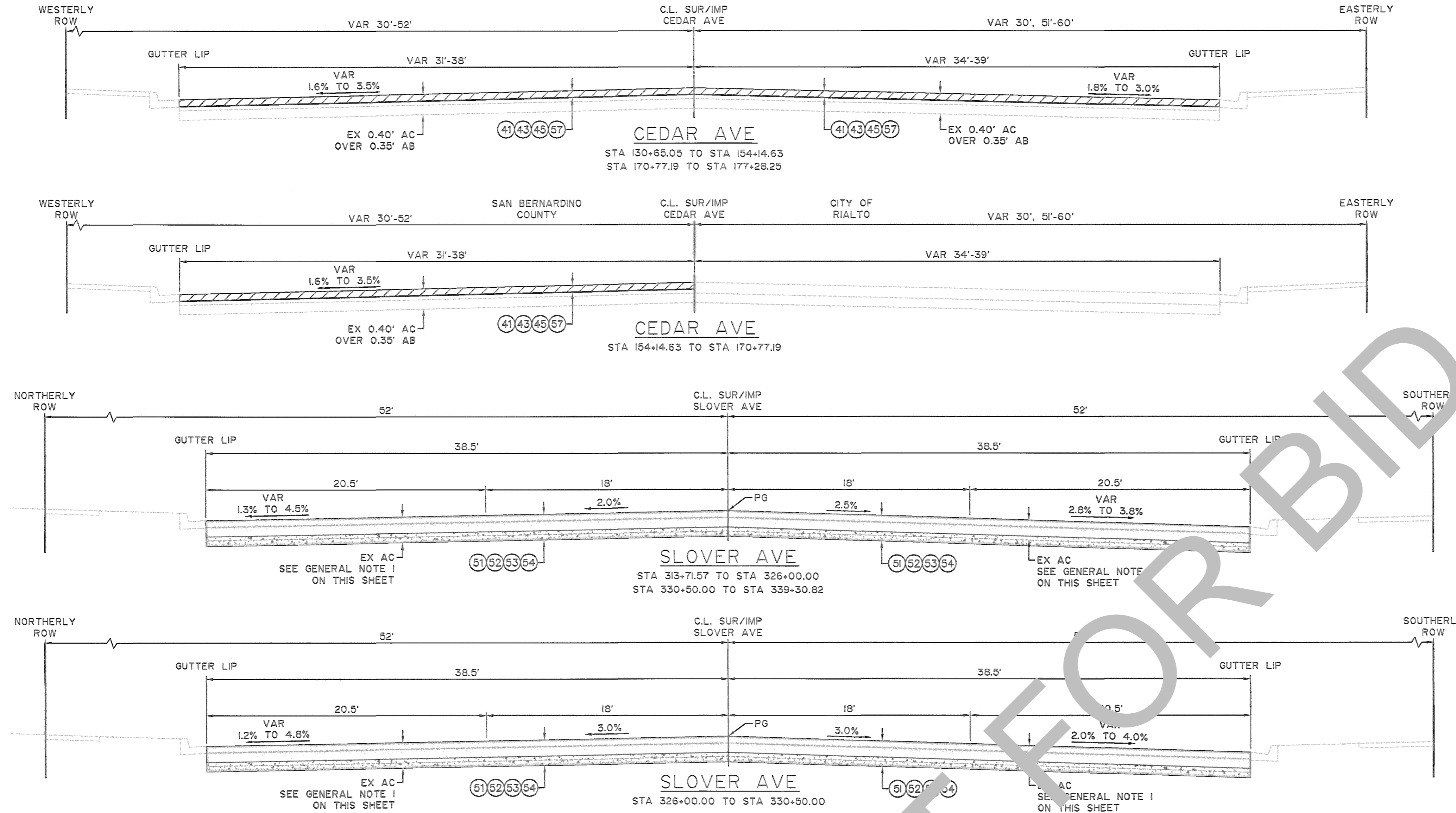
J.L. REF. SHEET 02	W.D. NO. HI5017	PLAN SCALE AS SHOWN	SHT. NO. 03	TOT. SHTS. 33
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GENERAL NOTES:

- 1. CONTRACTOR SHALL CORE EXISTING PAVEMENT AND PROVIDE EXISTING PAVEMENT SECTIONS TO ENGINEER PRIOR TO CONSTRUCTION.

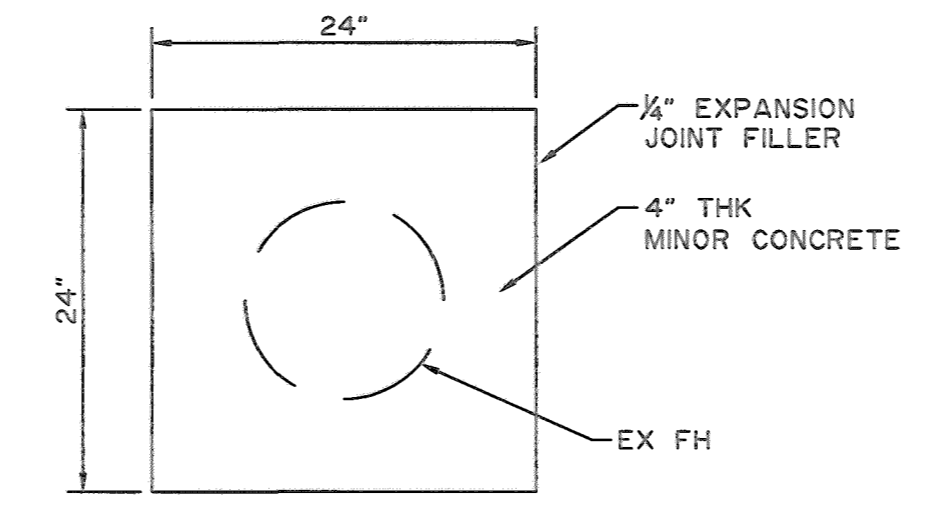
PAVEMENT CONSTRUCTION NOTES

- (41) COLD PLANE (0.25' THICK) OF EXISTING ASPHALT CONCRETE SURFACING.
- (43) APPLY TACK COAT, PLACE (0.05' MINIMUM THICK) LEVELING COURSE OF TYPE A, 3/8" AGGREGATE GRADATION MAXIMUM, MEDIUM SETTING, PG 64-10 HOT MIX ASPHALT CONCRETE.
- (45) APPLY GLASPAVE 50 PAVING MAT, OR APPROVED EQUAL.
- (51) PULVERIZE-IN-PLACE (0.95' THICK) EXISTING ASPHALT CONCRETE SURFACING AND NATIVE MATERIAL.
- (52) REMOVE (0.60' THICK) PULVERIZED ASPHALT CONCRETE AND NATIVE MATERIAL.
- (53) ADD 2% CEMENT TO THE REMAINING PULVERIZED MATERIAL (0.35' THICK), AND THEN COMPACT.
- (54) APPLY E-PRIME COAT, PLACE (0.60' THICK) TYPE C, 1.0" AGGREGATE GRADATION, PG 76-22 PM, HOT MIX ASPHALT (HMA).
- (57) PLACE 0.20' OF TYPE G, 3/4" AGGREGATE GRADATION, PG 64-16 RUBBERIZED HOT MIX ASPHALT (RHMA).



LEGEND

- PULVERIZE AND PLACE ASPHALT CONCRETE
- ASPHALT CONCRETE MILL AND OVERLAY
- CEMENT CONCRETE MIX WITH PULVERIZED ASPHALT CONCRETE
- GLASPAVE 50 PAVING MAT

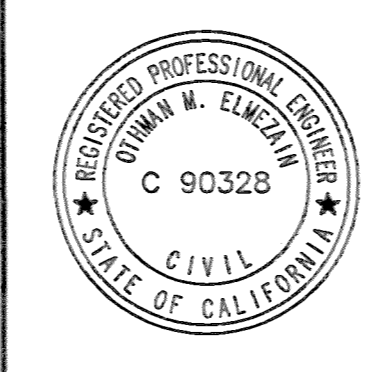


A CONCRETE PAD
NOT TO SCALE

MARK	REVISIONS	APPR.	DATE

FILE NO. 842600-033, 218550-020 & 760800-050

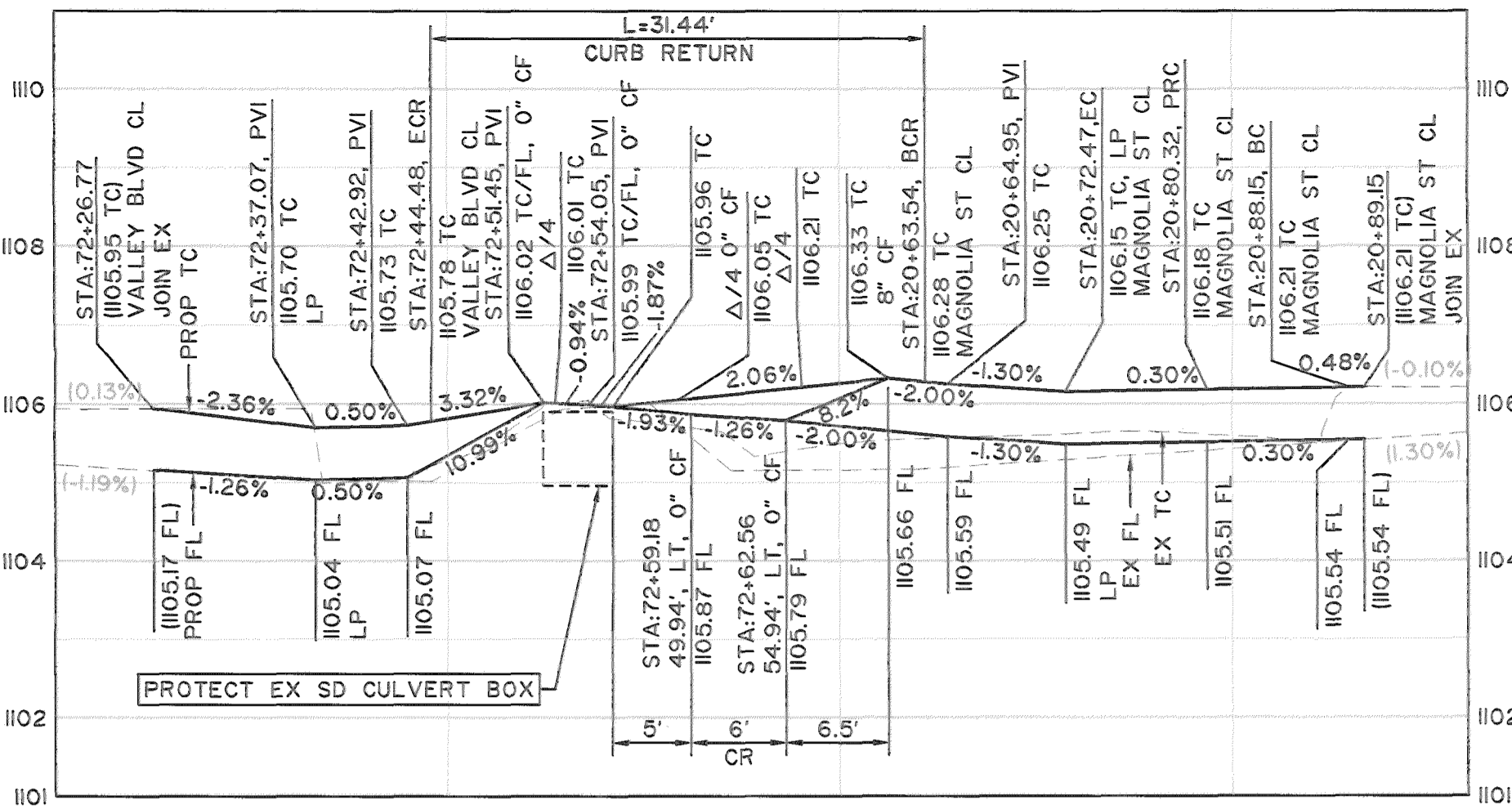
PLANS PREPARED UNDER THE SUPERVISION OF:
Kimley»Horn
100 TOWN AND COUNTRY ROAD, SUITE 700, ORANGE, CALIFORNIA 92668
(714) 939-1030
OTHMAN ELMEZAIN
OTHMAN ELMEZAIN, PE R.C.E. 06/23/2022 DATE



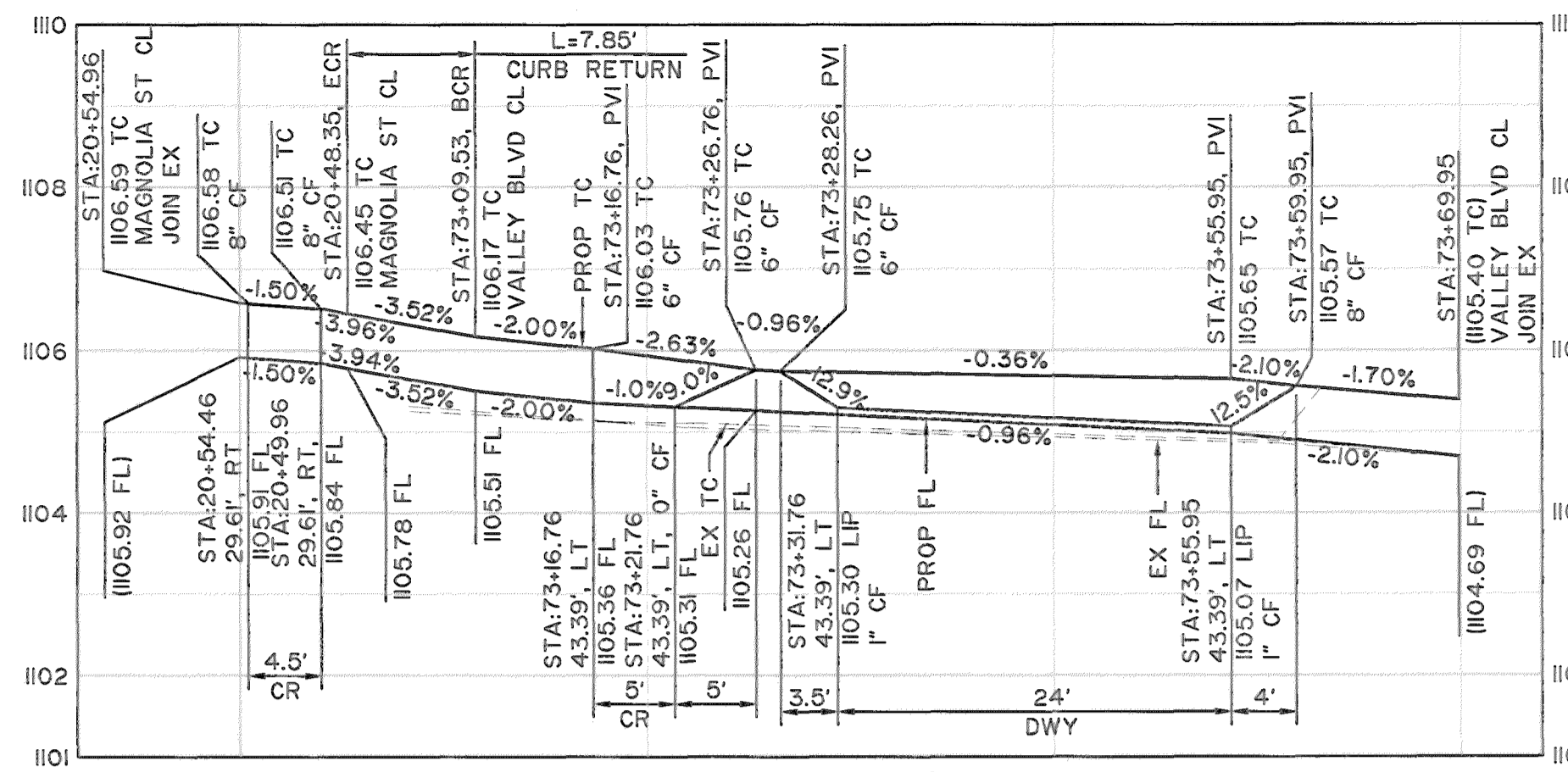
MARK	CHANGES	DATE

SAN BERNARDINO COUNTY DEPARTMENT OF PUBLIC WORKS			
DESIGNED BY: AM	DRAWN BY: AA	CHECKED BY: OE	RECOMMENDED BY: <i>Chris Nguyen</i> CHRIS NGUYEN, P.E. INTERIM ENGINEERING MANAGER 6/30/22 DATE
PLANS PREPARED UNDER THE SUPERVISION OF: <i>Thomas Bustamonte</i> THOMAS BUSTAMONTE, P.E. SUPERVISING ENGINEER 6/30/22 DATE		APPROVED BY: <i>Mervat N. Mikhail</i> MERVAT N. MIKHAIL, P.E. INTERIM DEPUTY DIRECTOR 6/30/22 DATE	

VALLEY BOULEVARD AND OTHER ROADS TYPICAL SECTIONS AND MISCELLANEOUS DETAILS BLOOMINGTON AREA				
J.L. REF. SEE SHEET 02	W.O. NO. H15017	PLAN SCALE AS SHOWN	SHT. NO. 04	TOT. SHT'S. 33



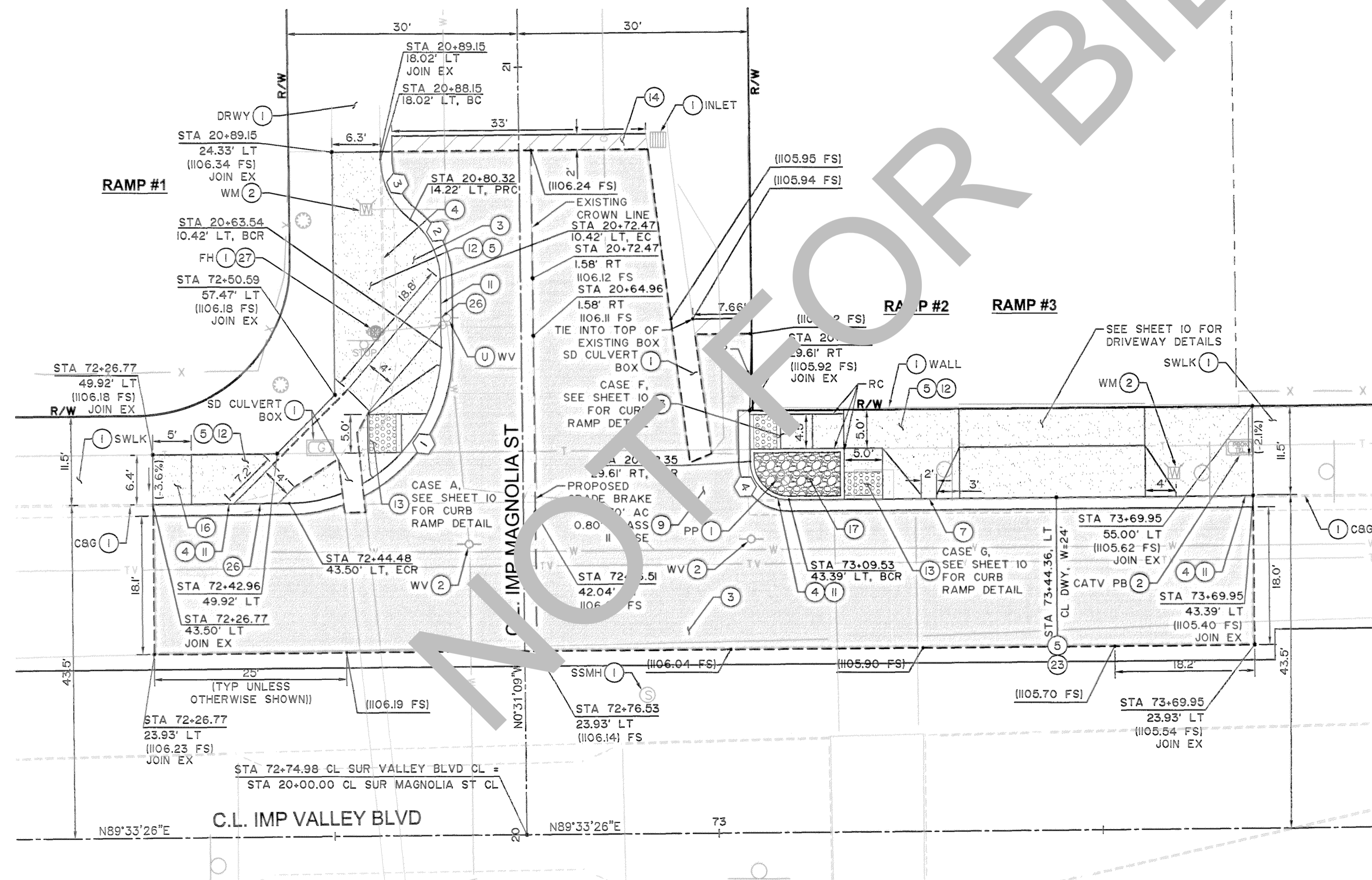
RAMP #1 PROFILE
HORIZ: 1"=10'
VERT: 1"=2'
RAMP CASE = A



RAMP #2 & 3 PROFILE
HORIZ: 1"=10'
VERT: 1"=2'
RAMP CASE = F

CONSTRUCTION NOTES

- ① PROTECT IN PLACE.
- ② ADJUST TO GRADE. (ITEM PER PLAN).
- ③ SAWCUT & REMOVE EXISTING ASPHALT CONCRETE SURFACING, 2' WIDE MINIMUM UNLESS OTHERWISE SHOWN ON PLANS.
- ④ SAWCUT, REMOVE & DISPOSE OF EXISTING CURB & GUTTER.
- ⑤ SAWCUT, REMOVE AND DISPOSE OF CONCRETE SURFACING (RAMP, SIDEWALK, DRIVEWAY, SPANDREL AND CROSS GUTTER).
- ⑦ CONSTRUCT 6" CURB AND GUTTER PER SAN BERNARDINO COUNTY STD PLAN NO. 116 (MODIFIED).
- ⑧ CONSTRUCT ASPHALT CONCRETE (TYPE A) OVER CLASS II BASE. PAVEMENT SECTION DEPTHS PER PLAN.
- ⑪ CONSTRUCT 8" CURB AND GUTTER PER SAN BERNARDINO COUNTY STD PLAN NO. 115 (MODIFIED).
- ⑫ CONSTRUCT SIDEWALK PER SAN BERNARDINO COUNTY STD PLAN NO. 109 (MODIFIED).
- ⑬ CONSTRUCT CURB RAMP AND, ADA DETECTABLE WARNING SURFACE AND GUTTER PAN TRANSITION PER 2018 CALTRANS STD PLAN NO. AB8A, CASE PER PLAN.
- ⑭ COLD PLANE 2" EXISTING PAVEMENT AND CONSTRUCT 2" ASPHALT CONCRETE OVERLAY.
- ⑯ CONSTRUCT SIDEWALK TRANSITION (1.5% TO EXISTING SLOPE).
- ⑰ CONSTRUCT GROUTED ROCK TREATMENT PER SAN BERNARDINO COUNTY SPEC DWG NO. 112 INCLUDED IN THE SPECIFICATIONS.
- ⑲ CONSTRUCT DRIVEWAY PER SAN BERNARDINO COUNTY STD PLAN NO. 129 (MODIFIED).
- ⑳ REMOVE AND CONSTRUCT PORTION OF OUTLET STRUCTURE PER SAN BERNARDINO COUNTY STD PLAN NO. 210A, LENGTH PER PLAN. MATCH EXISTING WIDTH.
- ㉑ CONSTRUCT CONCRETE PAD PER DETAIL B ON SHEET 04.
- ㉒ UTILITIES TO BE RELOCATED BY OTHERS. SEE NOTE U OF THE GENERAL NOTES ON SHEET NO. 2.



LEGEND

- ASPHALT CONCRETE PAVEMENT
- PORTLAND CEMENT CONCRETE
- ASPHALT CONCRETE MILL AND OVERLAY
- GROUTED ROCK PAVING
- SAWCUT
- FLOWLINE

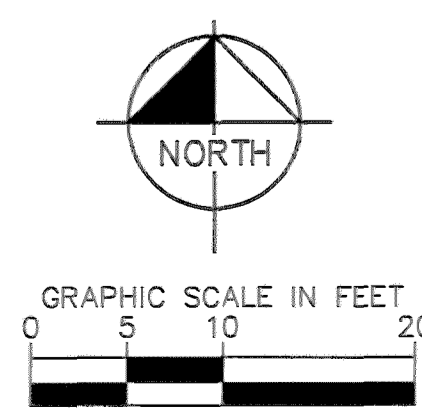
GENERAL NOTES:

1. SEE SHEETS 22 TO 32 FOR SIGNING AND STRIPING PLANS AND ROADSIDE SIGN RELOCATION.
2. SEE SHEETS 11 TO 21 FOR PAVEMENT REHABILITATION PLANS AND CENTERLINE DATA.

LOCATION 1: RAMP #1, 2 & 3 - PLAN VIEW
NW & NE CURB RETURN AT VALLEY BLVD
AND MAGNOLIA ST

CURVE TABLE

(X)	DELTA	RADIUS	LENGTH	TANGENT
1	90°04'37"	20.00'	31.44'	20.03'
2	51°41'32"	10.00'	9.02'	4.84'
3	51°39'18"	9.99'	9.01'	4.84'
4	89°58'25"	5.00'	7.85'	4.99'



PLANS PREPARED UNDER THE SUPERVISION OF:

Kimley Horn

100 TOWN AND COUNTRY ROAD, SUITE 700, ORANGE, CALIFORNIA 92668
(714) 939-1030

OTIHMAN ELMEZAIN, PE R.C.E. 06/25/2022 DATE



SAN BERNARDINO COUNTY
DEPARTMENT OF PUBLIC WORKS

DESIGNED BY: AM DRAWN BY: AA CHECKED BY: OE RECOMMENDED BY: *Chris Nguyen* 6/30/22 DATE

PLANS PREPARED UNDER THE SUPERVISION OF: *Thomas Bustamonte* 6/30/22 DATE

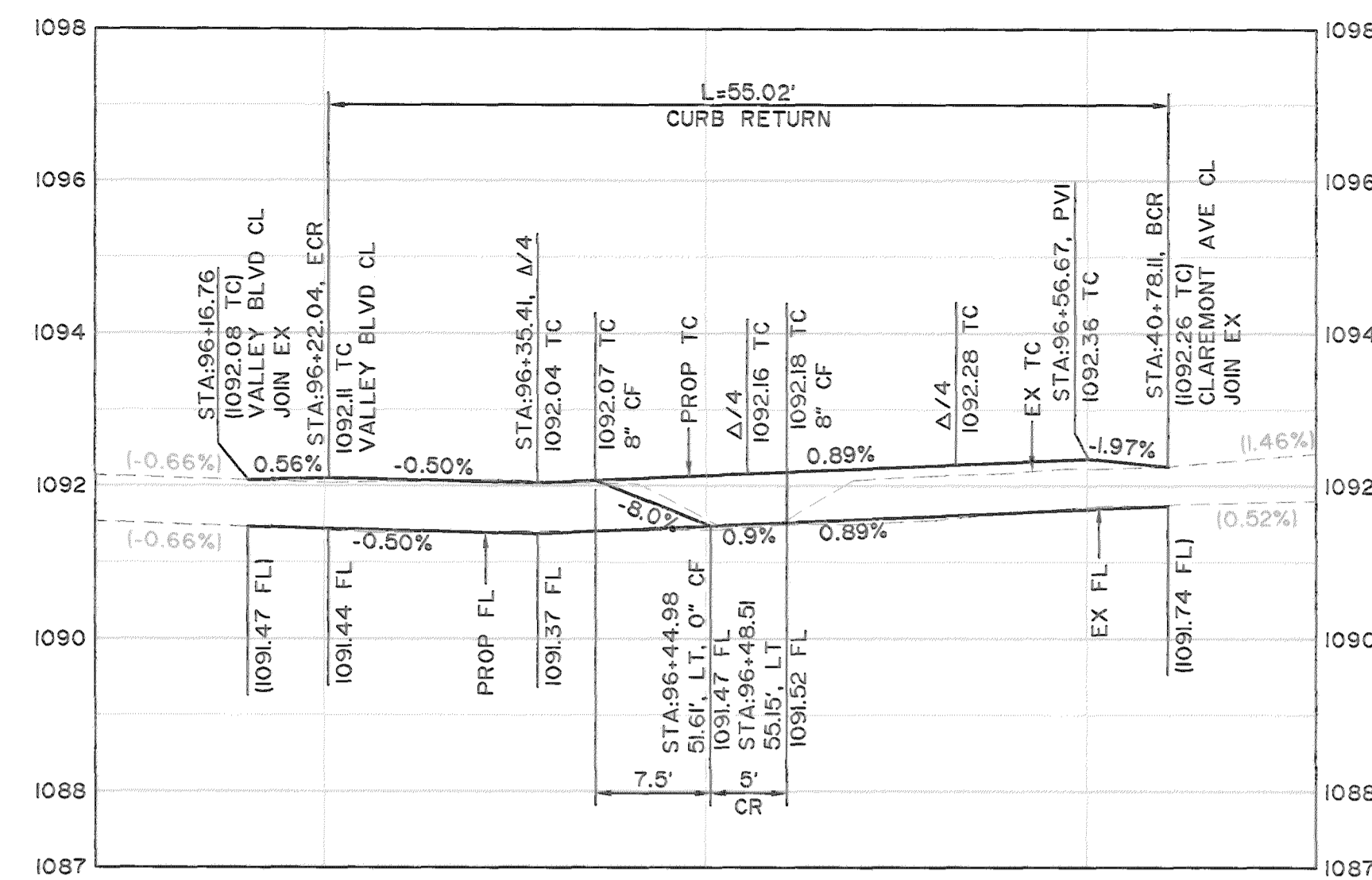
THOMAS BUSTAMONTE, P.E. SUPERVISING ENGINEER

VALLEY BOULEVARD AND OTHER ROADS
PLAN AND PROFILE RAMPS
BLOOMINGTON AREA
CURB RAMPS 1 - 3

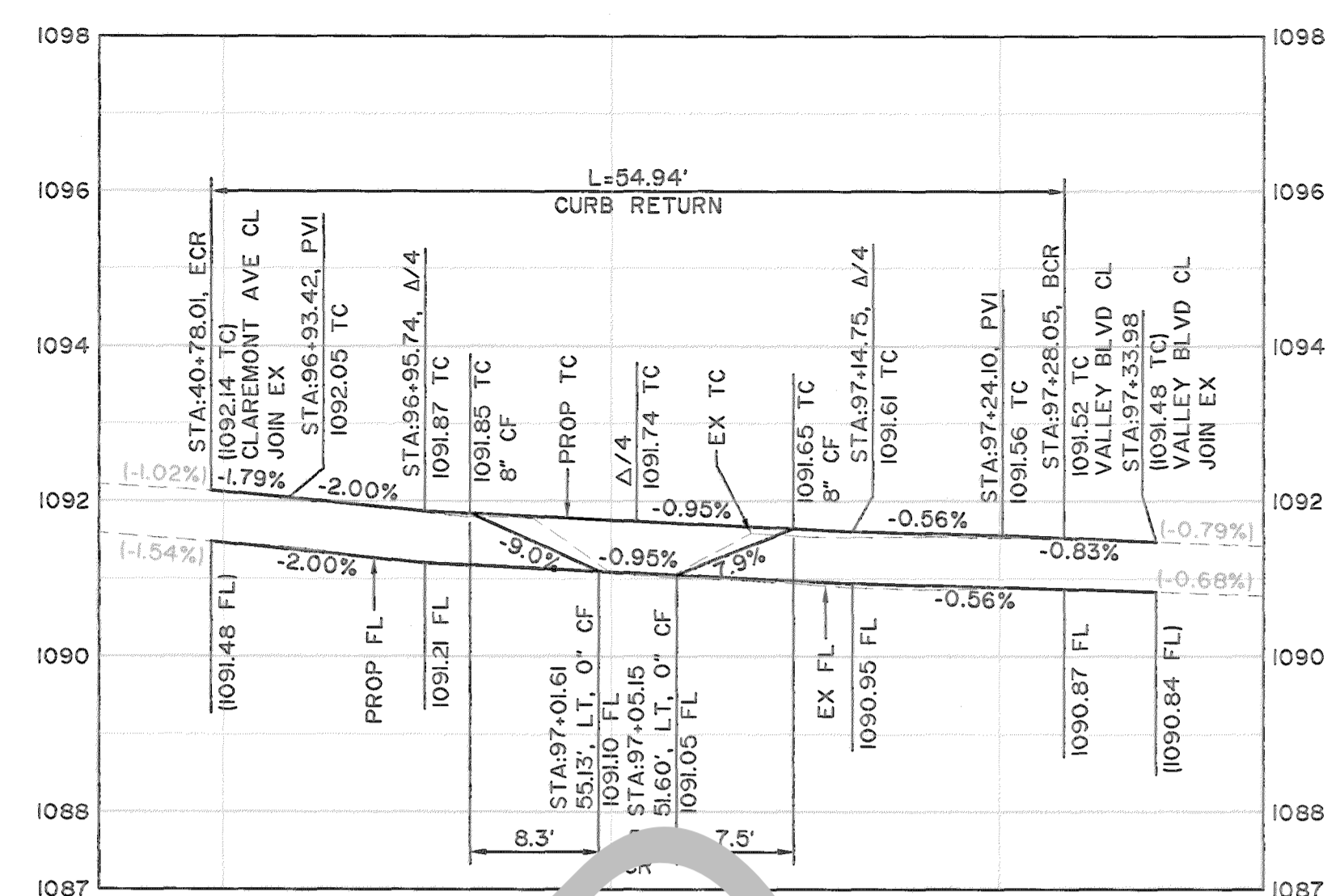
J.L. REF. SHEET 02	W.D. NO. H15017	PLAN SCALE AS SHOWN	SHT. NO. 05	TOT. SHTS. 33
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REVISIONS	DATE	APPR.

FILE NO. 842600-033, 218550-020 & 760800-050

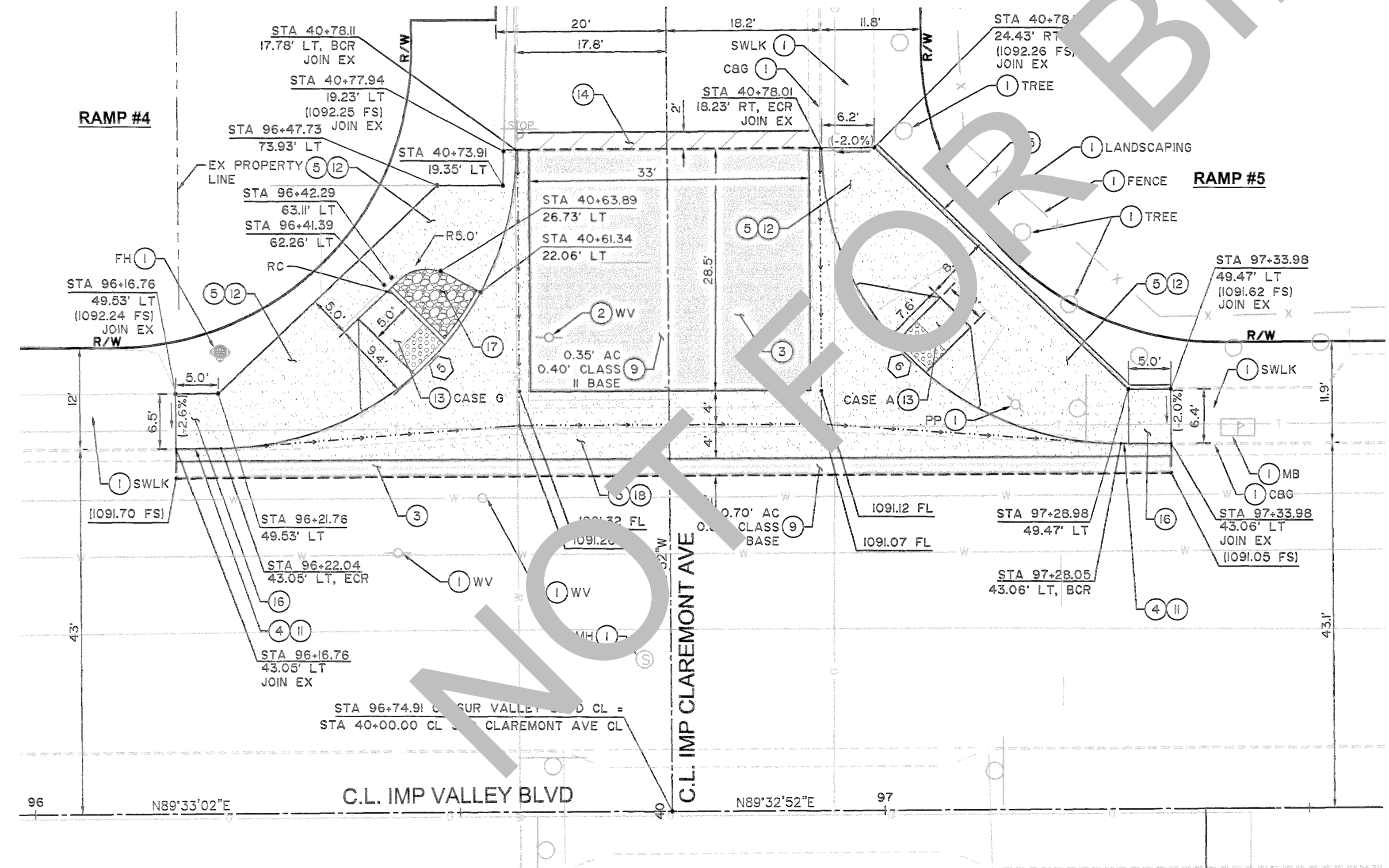


RAMP #4 PROFILE
HORIZ: 1"=10'
VERT: 1"=2'
RAMP CASE = G



RAMP #5 PROFILE
HORIZ: 1"=10'
VERT: 1"=2'
RAMP CASE = A

- CONSTRUCTION NOTES**
1. PROTECT IN PLACE.
 2. ADJUST TO GRADE. (ITEM PER PLAN).
 3. SAWCUT & REMOVE EXISTING ASPHALT CONCRETE SURFACING, 2' WIDE MINIMUM UNLESS OTHERWISE SHOWN ON PLANS.
 4. SAWCUT, REMOVE & DISPOSE OF EXISTING CURB & GUTTER.
 5. SAWCUT, REMOVE AND DISPOSE OF CONCRETE SURFACING (RAMP, SIDEWALK, DRIVEWAY, SPANDREL AND CROSS GUTTER).
 9. CONSTRUCT ASPHALT CONCRETE (TYPE A) OVER CLASS II BASE. PAVEMENT SECTION DEPTHS PER PLAN.
 10. CONSTRUCT 8" CURB PER CALTRANS STD PLAN NO. AB7A, TYPE AI-8.
 11. CONSTRUCT 8" CURB AND GUTTER PER SAN BERNARDINO COUNTY STD PLAN NO. 115 (MODIFIED).
 12. CONSTRUCT SIDEWALK PER SAN BERNARDINO COUNTY STD PLAN NO. 109 (MODIFIED).
 13. CONSTRUCT CURB RAMP AND, ADA DETECTABLE WARNING SURFACE AND GUTTER PAN TRANSITION PER 2018 CALTRANS STD PLAN NO. AB8A, CASE PER PLAN.
 14. COLD PLANE 2" EXISTING PAVEMENT AND CONSTRUCT 2" ASPHALT CONCRETE OVERLAY.
 15. CONSTRUCT 6" CONCRETE RETAINING CURB PER CALTRANS STD PLAN NO. AB7A, TYPE AI-6.
 16. CONSTRUCT SIDEWALK TRANSITION (1.5% TO EXISTING SLOPE).
 17. CONSTRUCT GROUTED ROCK TREATMENT PER SAN BERNARDINO COUNTY SPEC DWG NO. 112 INCLUDED IN THE SPECIFICATIONS.
 18. CONSTRUCT SPANDREL AND/OR CROSS GUTTER PER COUNTY STD PLAN NO. 119 (MODIFIED).



LOCATION 2: RAMP #4 & 5 - PLAN VIEW
NW & NE CURB RETURN AT VALLEY BLVD
AND CLAREMONT AVE.

CURVE TABLE

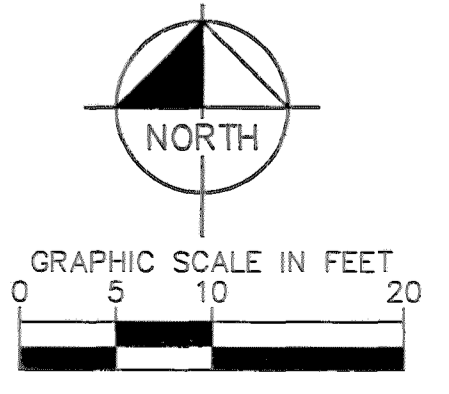
X	DELTA	RADIUS	LENGTH	TANGENT
5	90°03'53"	35.00'	55.02'	35.04'
6	89°56'16"	35.00'	54.94'	34.96'

- LEGEND**
- ASPHALT CONCRETE PAVEMENT
 - PORTLAND CEMENT CONCRETE
 - ASPHALT CONCRETE MILL AND OVERLAY
 - SAWCUT
 - FLOWLINE

- GENERAL NOTES:**
1. SEE SHEETS 22 TO 32 FOR SIGNING AND STRIPING PLANS AND ROADSIDE SIGN RELOCATION.
 2. SEE SHEETS 11 TO 21 FOR PAVEMENT REHABILITATION PLANS AND CENTERLINE DATA.

REVISIONS	DATE	APPR.

FILE NO. 842600-033, 218550-020 & 760800-050



PLANS PREPARED UNDER THE SUPERVISION OF:

Kimley»Horn

100 TOWN AND COUNTRY ROAD, SUITE 700, ORANGE, CALIFORNIA 92668
(714) 938-1050

06/23/2022
R.C.E.



MARK	CHANGES	DATE

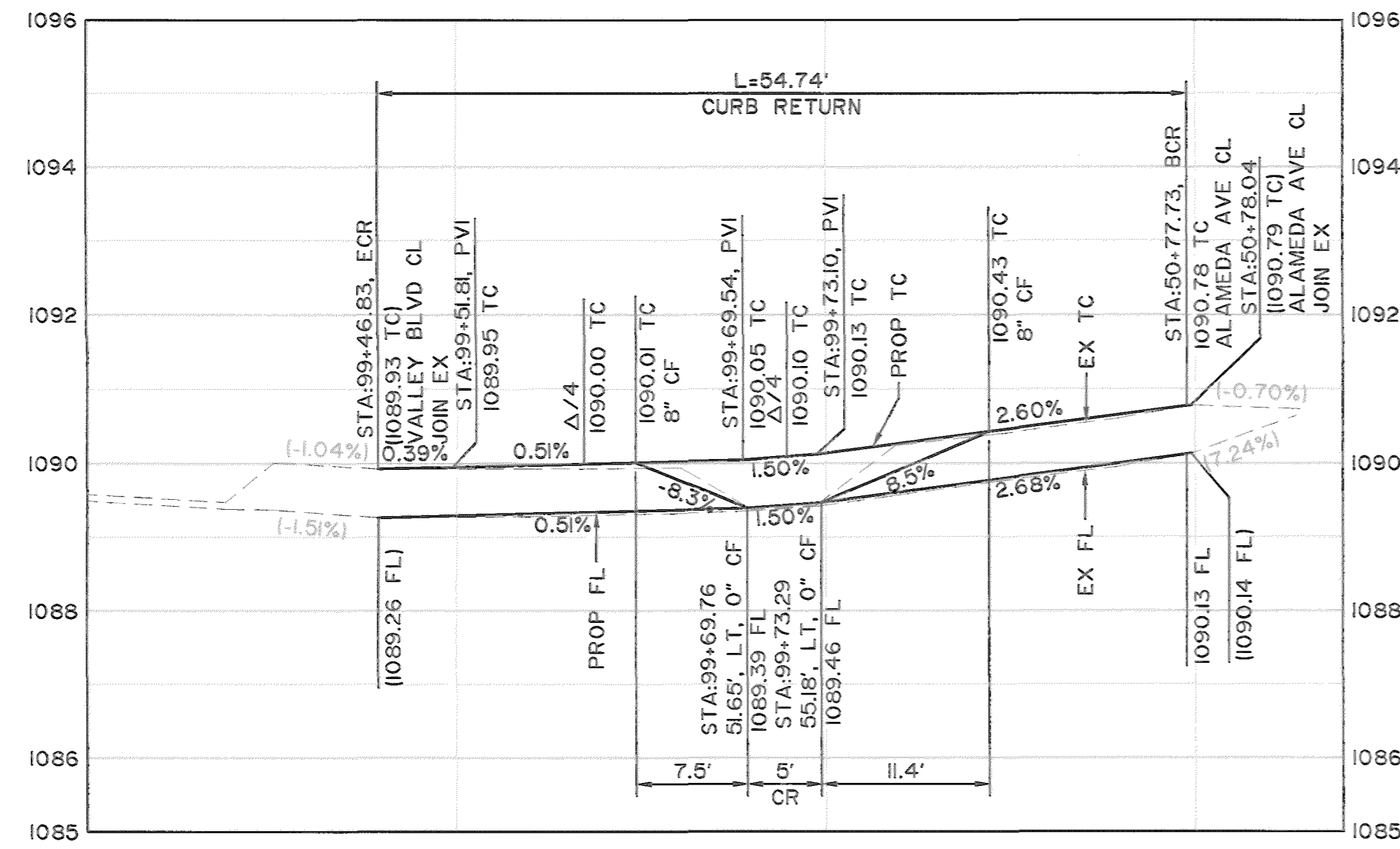
SAN BERNARDINO COUNTY
DEPARTMENT OF PUBLIC WORKS

DESIGNED BY: AM
DRAWN BY: AA
CHECKED BY: OE
RECOMMENDED BY: Chris Nguyen, P.E., INTERIM ENGINEERING MANAGER
DATE: 6/30/22

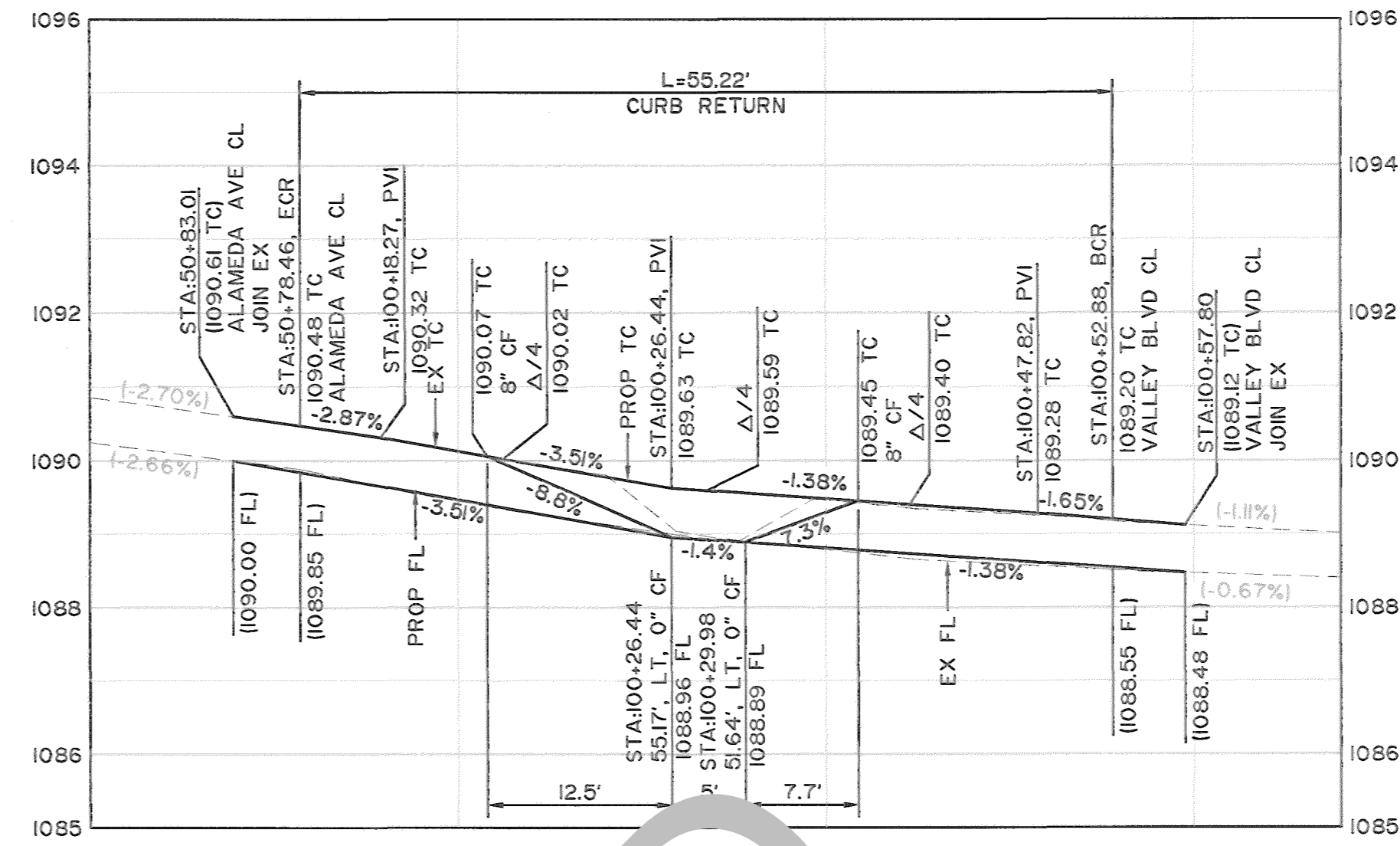
APPROVED BY: Mervat N. Mikhail, P.E., INTERIM DEPUTY DIRECTOR
DATE: 6/30/22

VALLEY BOULEVARD AND OTHER ROADS
PLAN AND PROFILE RAMPS
BLOOMINGTON AREA
CURB RAMPS 4 - 5

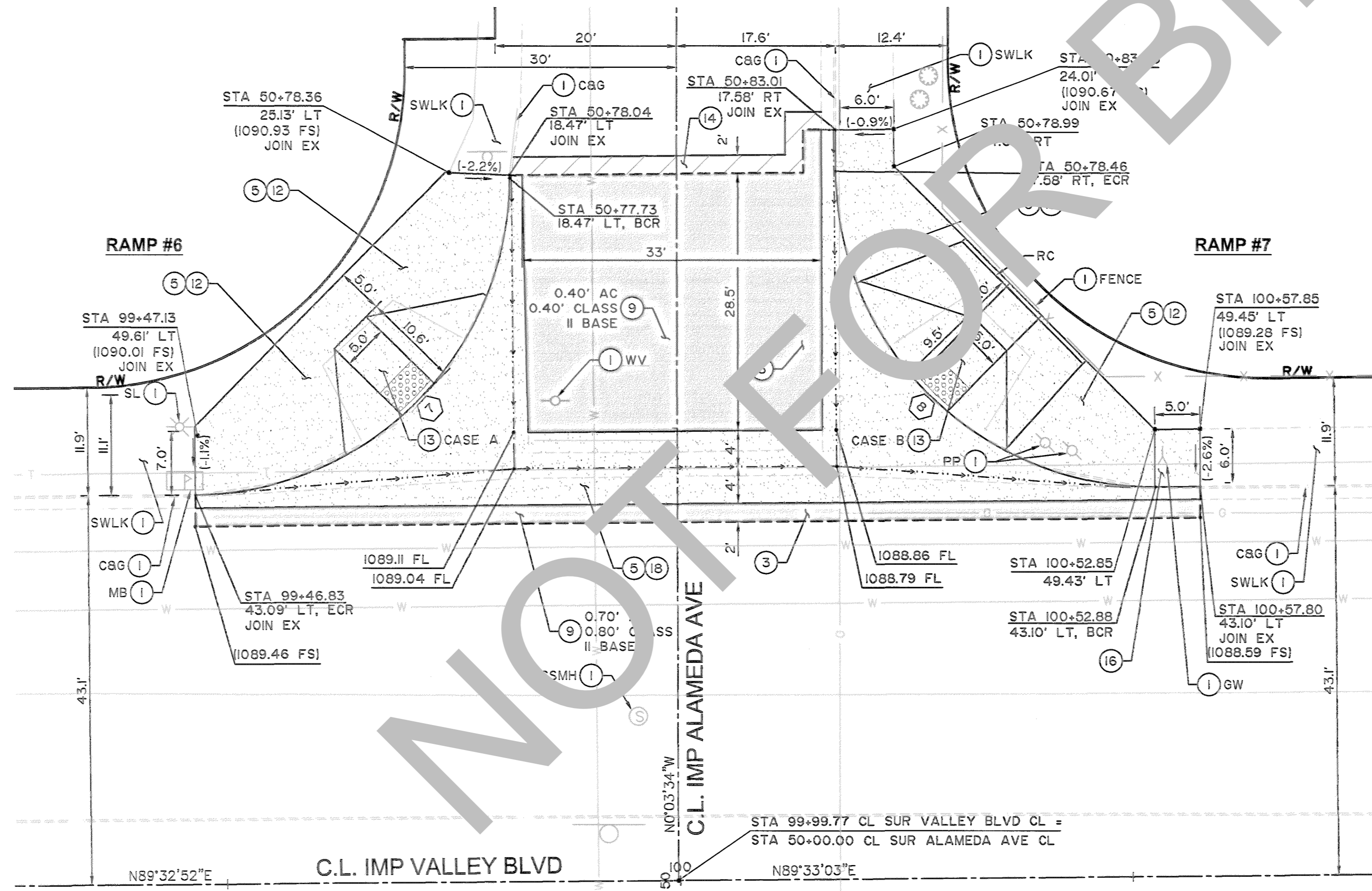
J.L. REF. SHEET 02
W.O. NO. H15017
PLAN SCALE AS SHOWN
SHT. NO. 06
TOT. SHT'S. 33



RAMP #6 PROFILE
HORIZ: 1"=10'
VERT: 1"=2'
RAMP CASE = A



RAMP #7 PROFILE
HORIZ: 1"=10'
VERT: 1"=2'
RAMP CASE = B



LOCATION 3: RAMP #6 & 7 - PLAN VIEW
NW & NE CURB RETURN AT VALLEY BLVD
AND ALAMEDA AVE

CONSTRUCTION NOTES

- 1 PROTECT IN PLACE.
- 3 SAWCUT & REMOVE EXISTING ASPHALT CONCRETE SURFACING, 2' WIDE MINIMUM UNLESS OTHERWISE SHOWN ON PLANS.
- 4 SAWCUT, REMOVE & DISPOSE OF EXISTING CURB & GUTTER.
- 5 SAWCUT, REMOVE AND DISPOSE OF CONCRETE SURFACING (RAMP, SIDEWALK, DRIVEWAY, SPANDREL AND CROSS GUTTER).
- 9 CONSTRUCT ASPHALT CONCRETE (TYPE A) OVER CLASS II BASE. PAVEMENT SECTION DEPTHS PER PLAN.
- 10 CONSTRUCT 8" CURB PER CALTRANS STD PLAN NO. A87A, TYPE A1-B.
- 11 CONSTRUCT 8" CURB AND GUTTER PER SAN BERNARDINO COUNTY STD PLAN NO. I15 (MODIFIED).
- 12 CONSTRUCT SIDEWALK PER SAN BERNARDINO COUNTY STD PLAN NO. I09 (MODIFIED).
- 13 CONSTRUCT CURB RAMP AND, ADA DETECTABLE WARNING SURFACE AND GUTTER PAN TRANSITION PER 2018 CALTRANS STD PLAN NO. A88A, CASE PER PLAN.
- 14 COLD PLANE 2" EXISTING PAVEMENT AND CONSTRUCT 2" ASPHALT CONCRETE OVERLAY.
- 16 CONSTRUCT SIDEWALK TRANSITION (1.5% TO EXISTING SLOPE).
- 18 CONSTRUCT SPANDREL AND/OR CROSS GUTTER PER COUNTY STD PLAN NO. I19 (MODIFIED).

CURVE TABLE			
(X) DELTA	RADIUS	LENGTH	TANGENT
7 89°36'27"	35.00'	54.74'	34.76'
8 90°23'22"	35.00'	55.22'	35.24'

LEGEND

- ASPHALT CONCRETE PAVEMENT
- PORTLAND CEMENT CONCRETE
- ASPHALT CONCRETE MILL AND OVERLAY
- SAWCUT
- FLOWLINE

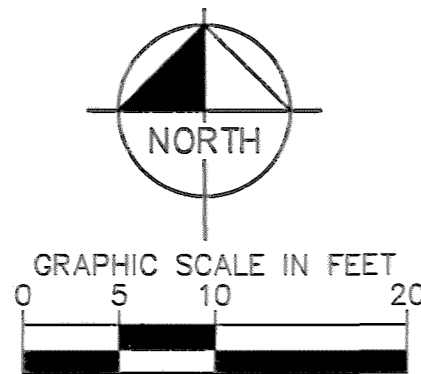
GENERAL NOTES:

1. SEE SHEETS 22 TO 32 FOR SIGNING AND STRIPING PLANS AND ROADSIDE SIGN RELOCATION.
2. SEE SHEETS II TO 21 FOR PAVEMENT REHABILITATION PLANS AND CENTERLINE DATA.

APPR.	DATE
REVISIONS	
MARK	

APPR.	DATE
REVISIONS	
MARK	

FILE NO. 842600-033, 218550-020 & 760800-050



PLANS PREPARED UNDER THE SUPERVISION OF:

Kimley & Horn

100 TOWN AND COUNTRY ROAD, SUITE 700, ORANGE, CALIFORNIA 92668
(714) 939-1030

Orman Elmezain
OTHMAN ELMEZAIN, PE R.C.E. 06/23/2022 DATE

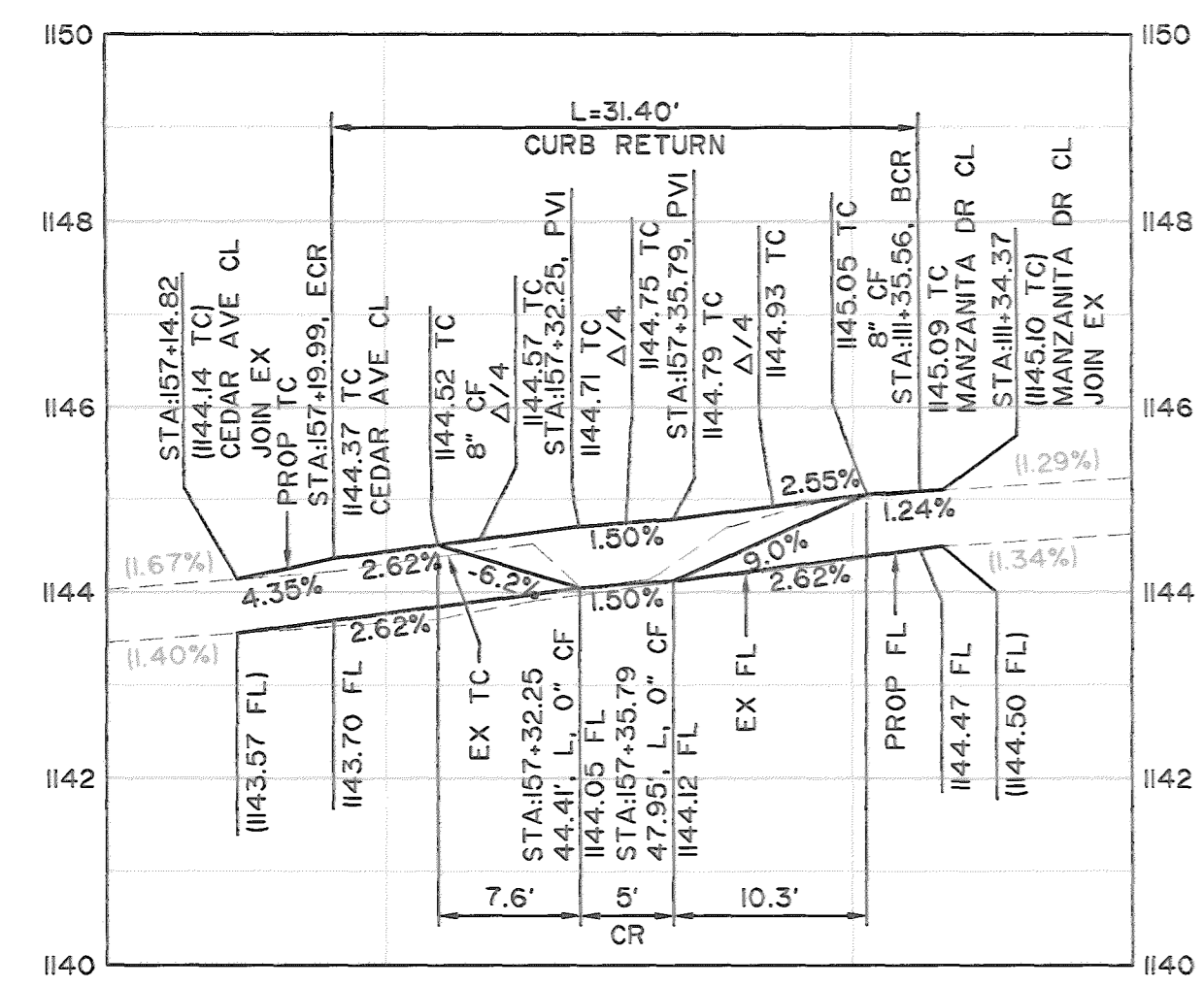


MARK	CHANGES	NO CHANGES	RESIDENT ENGINEER	DATE

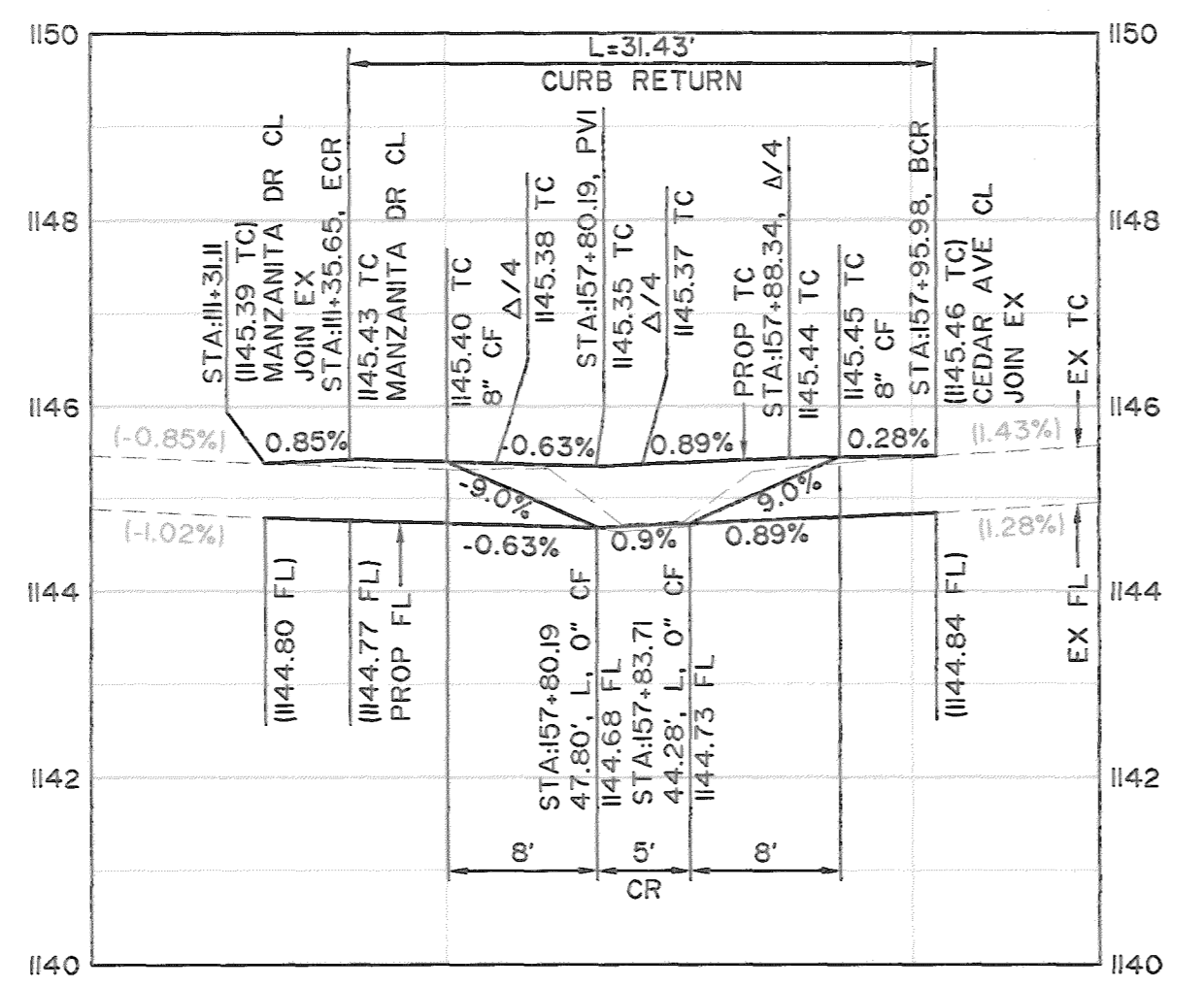
SAN BERNARDINO COUNTY
DEPARTMENT OF PUBLIC WORKS

DESIGNED BY: AM	DRAWN BY: AA	CHECKED BY: OE	RECOMMENDED BY: <i>Chris Nguyen</i> CHRIS NGUYEN, P.E. INTERIM ENGINEERING MANAGER DATE: 6/30/22
PLANS PREPARED UNDER THE SUPERVISION OF: <i>Thomas Bustamonte</i> THOMAS BUSTAMONTE, P.E. SUPERVISING ENGINEER DATE: 6/30/22			APPROVED BY: <i>Matthew N. Mikhail</i> MATTHEW N. MIKHAIL, P.E. INTERIM DEPUTY DIRECTOR DATE: 6/30/22

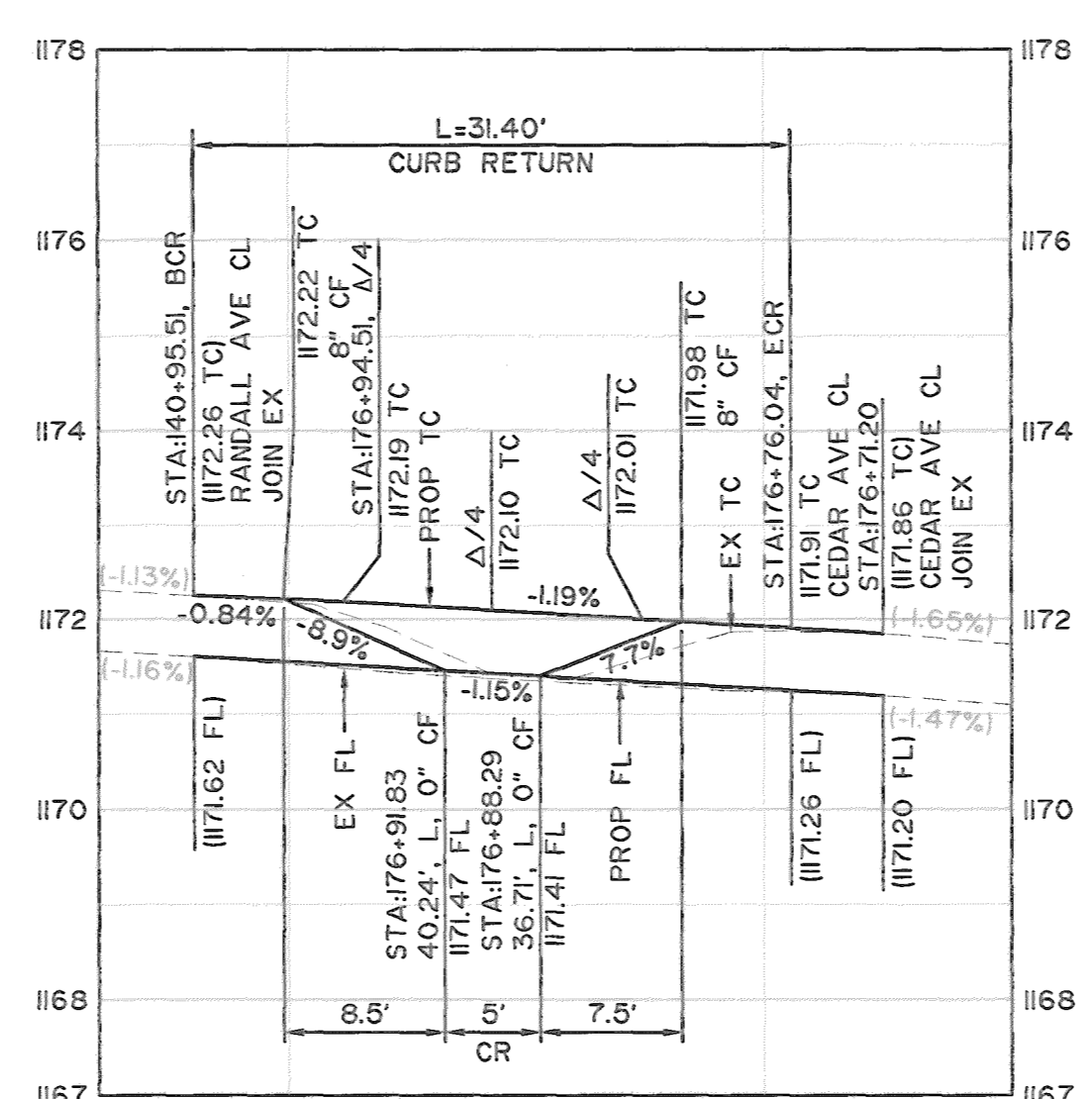
VALLEY BOULEVARD AND OTHER ROADS PLAN AND PROFILE RAMPS BLOOMINGTON AREA CURB RAMPS 6 - 7				
J.L. REF. SHEET 02	W.O. NO. HI5017	PLAN SCALE AS SHOWN	SHT. NO. 07	TOT. SH'TS. 33



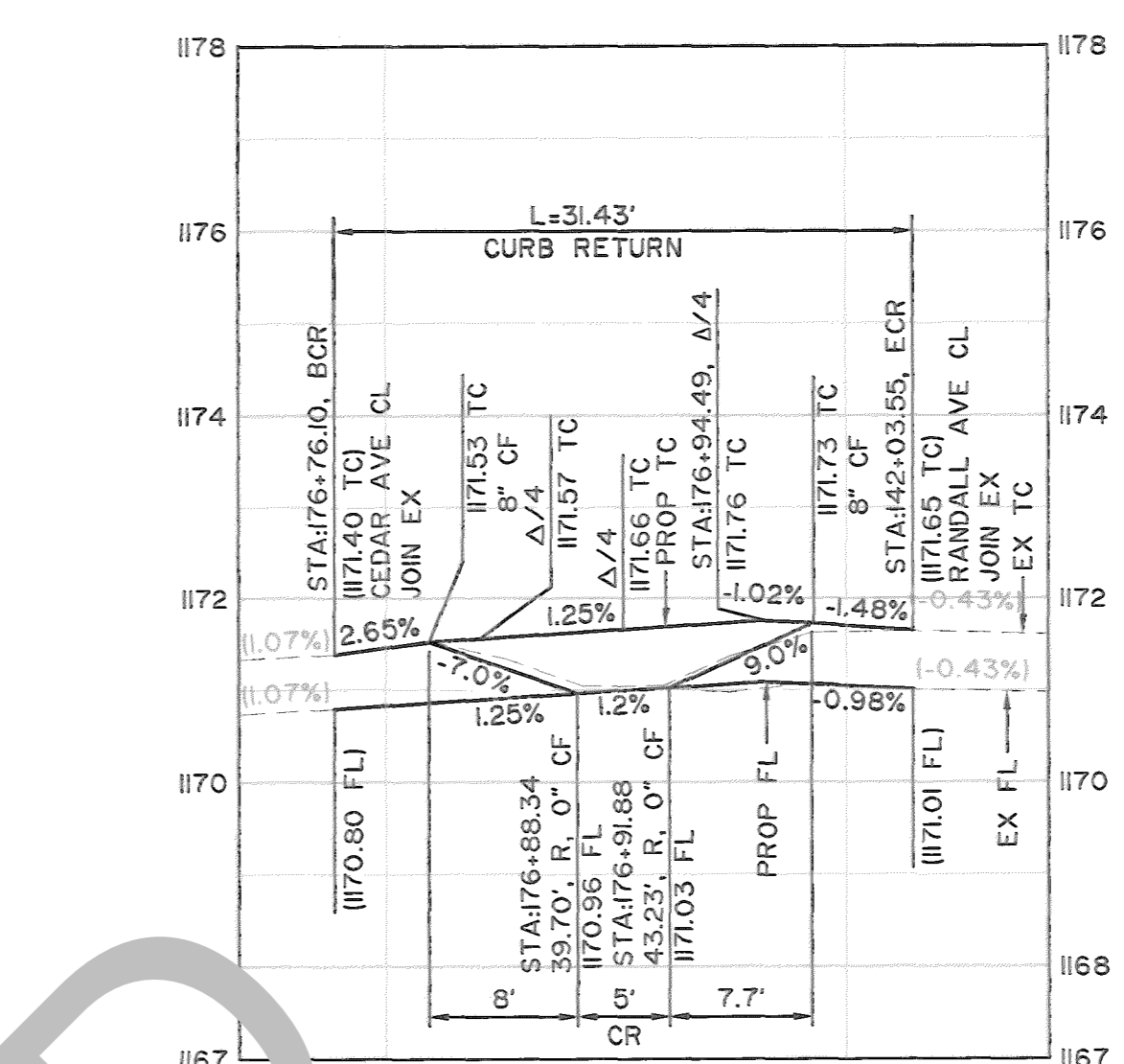
RAMP #8 PROFILE
HORIZ: 1"=10'
VERT: 1"=2'
RAMP CASE = B



RAMP #9 PROFILE
HORIZ: 1"=10'
VERT: 1"=2'
RAMP CASE = B



RAMP #10 PROFILE
HORIZ: 1"=10'
VERT: 1"=2'
RAMP CASE = A



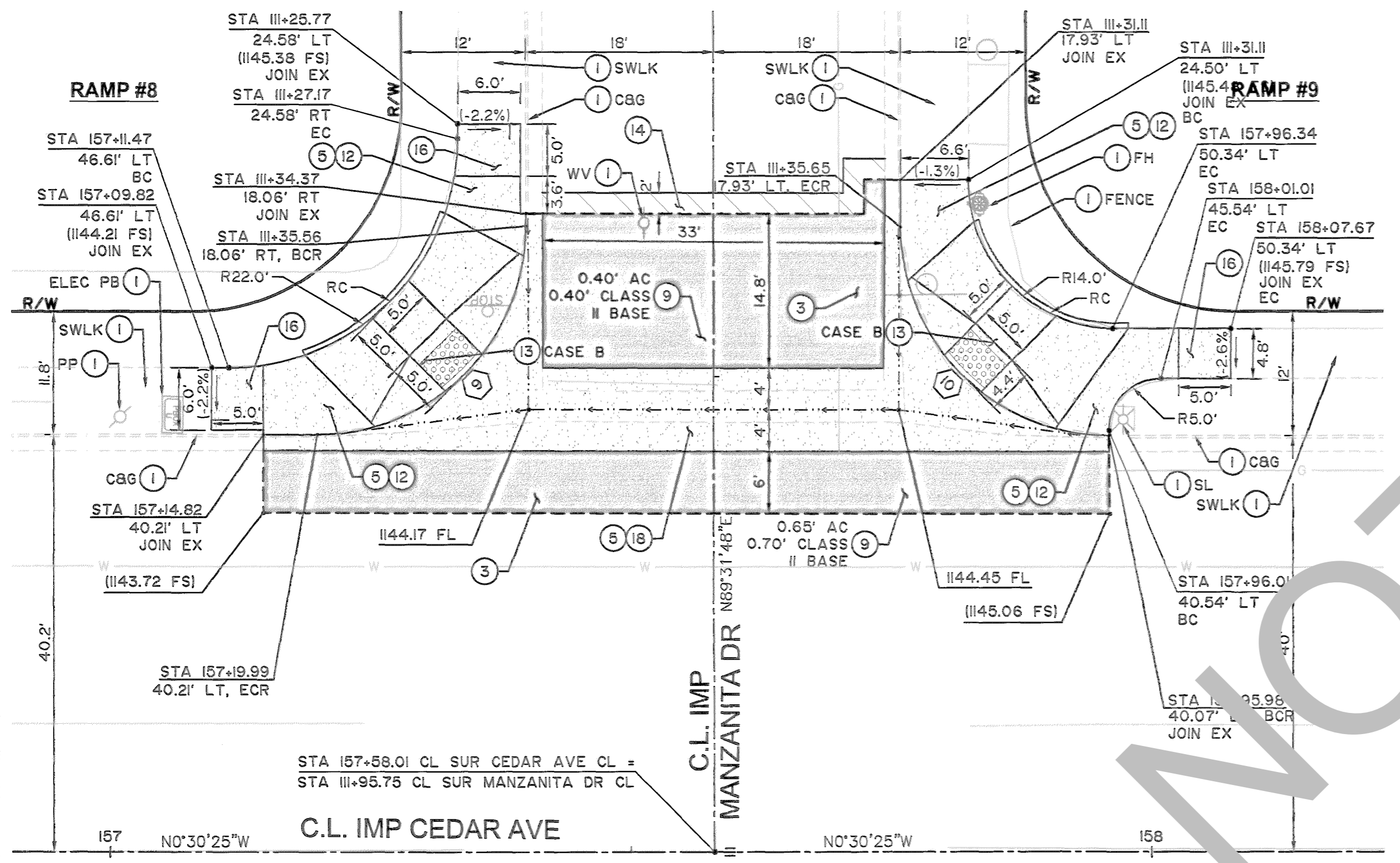
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VERT: 1"=2'
RAMP CASE = A

CONSTRUCTION NOTES

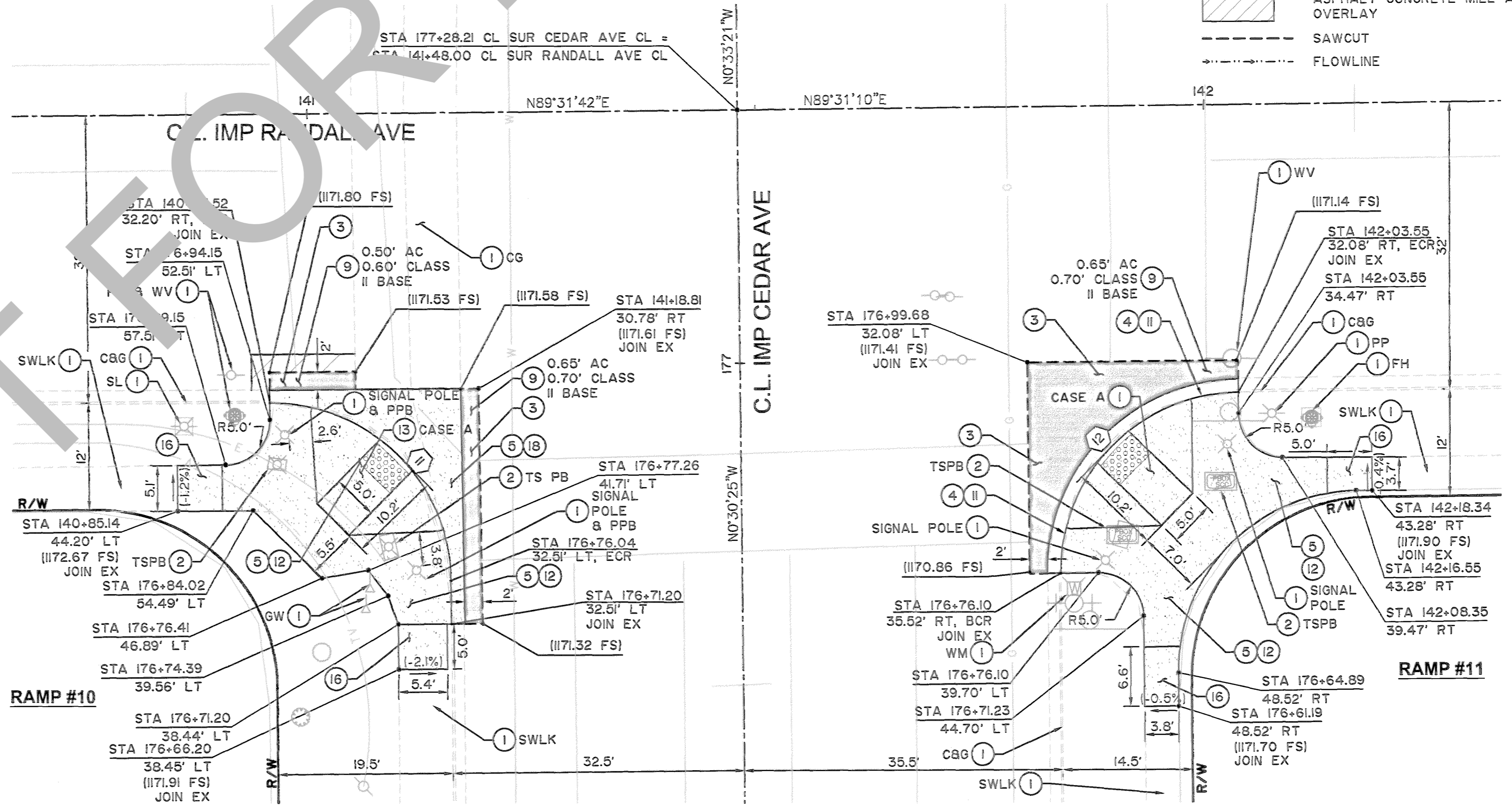
- 1 PROTECT IN PLACE.
- 2 ADJUST TO GRADE. (ITEM PER PLAN).
- 3 SAWCUT & REMOVE EXISTING ASPHALT CONCRETE SURFACING, 2' WIDE MINIMUM UNLESS OTHERWISE SHOWN ON PLANS.
- 4 SAWCUT, REMOVE & DISPOSE OF EXISTING CURB & GUTTER.
- 5 SAWCUT, REMOVE AND DISPOSE OF CONCRETE SURFACING (RAMP, SIDEWALK, DRIVEWAY, SPANDREL AND CROSS GUTTER).
- 9 CONSTRUCT ASPHALT CONCRETE (TYPE A) OVER CLASS II BASE. PAVEMENT SECTION DEPTHS PER PLAN.
- 11 CONSTRUCT 8" CURB AND GUTTER PER SAN BERNARDINO COUNTY STD PLAN NO. 115 (MODIFIED).
- 12 CONSTRUCT SIDEWALK PER SAN BERNARDINO COUNTY STD PLAN NO. 109 (MODIFIED).
- 13 CONSTRUCT CURB RAMP AND, ADA DETECTABLE WARNING SURFACE AND GUTTER PAN TRANSITION PER 2018 CALTRANS STD PLAN NO. AB8A, CASE PER PLAN.
- 14 COLD PLANE 2" EXISTING PAVEMENT AND CONSTRUCT 2" ASPHALT CONCRETE OVERLAY.
- 16 CONSTRUCT SIDEWALK TRANSITION (1.5% TO EXISTING SLOPE).
- 18 CONSTRUCT SPANDREL AND/OR CROSS GUTTER PER COUNTY STD PLAN NO. 119 (MODIFIED).

LEGEND

- ASPHALT CONCRETE PAVEMENT
- PORTLAND CEMENT CONCRETE
- ASPHALT CONCRETE MILL AND OVERLAY
- SAWCUT
- FLOWLINE



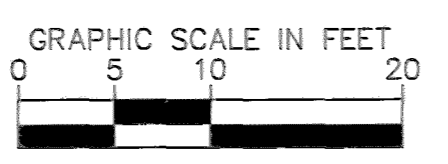
LOCATION 4: RAMP #8 & 9 - PLAN VIEW
SW & NW CURB RETURN AT CEDAR AVE
AND MANZANITA DR



LOCATION 5: RAMP #10 & 11 - PLAN VIEW
SW & SE CURB RETURN AT CEDAR AVE
AND RANDALL AVE

CURVE TABLE

Δ	DELTA	RADIUS	LENGTH	TANGENT
9	89°57'47"	20.00'	31.40'	19.99'
10	90°02'13"	20.00'	31.43'	20.01'
11	89°57'53"	20.00'	31.40'	19.99'
12	90°01'35"	20.00'	31.43'	20.01'



PLANS PREPARED UNDER THE SUPERVISION OF:

Kimley Horn

1100 TOWN AND COUNTRY ROAD, SUITE 700, ORANGE, CALIFORNIA 92668
(714) 939-1030

OTMAN ELMEZAIN, PE R.C.E. DATE 06/23/2022



SAN BERNARDINO COUNTY
DEPARTMENT OF PUBLIC WORKS

DESIGNED BY: AM DRAWN BY: AA CHECKED BY: OE RECOMMENDED BY: [Signature] 6/30/22

PLANS PREPARED UNDER THE SUPERVISION OF: [Signature] 6/30/22

THOMAS BUSTAMANTE, P.E. SUPERVISING ENGINEER

VALLEY BOULEVARD AND OTHER ROADS
PLAN AND PROFILE RAMP
BLOOMINGTON AREA
CURB RAMPS 8 - 11

J.L. REF. SHEET 02 W.O. NO. H16017 PLAN SCALE AS SHOWN SHT. NO. 08 TOT. SHT'S. 33

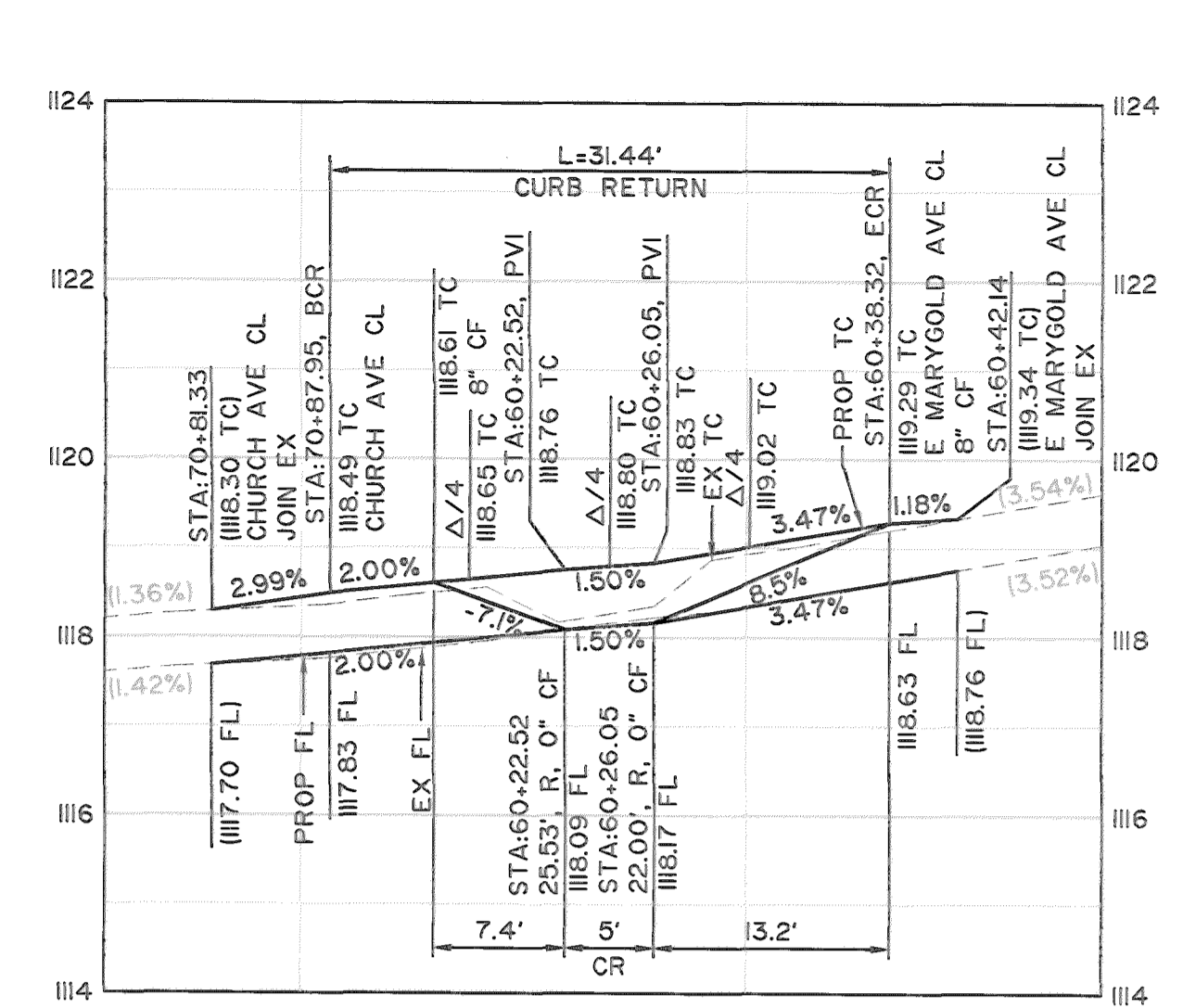
REVISIONS	DATE	APPR.

FILE NO. 842600-033, 218550-020 & 760800-050

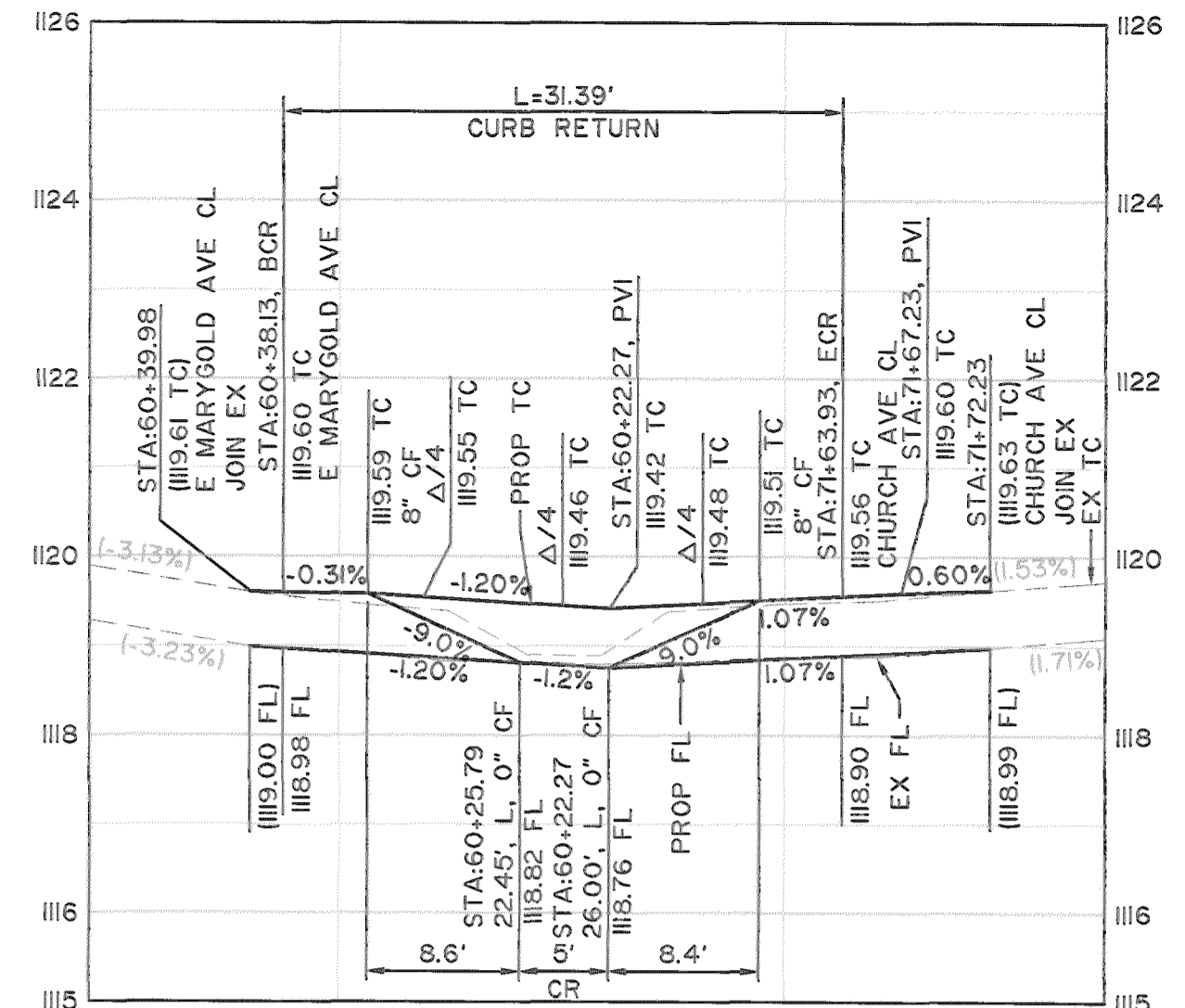
CONSTRUCTION NOTES

- 1 PROTECT IN PLACE.
- 3 SAWCUT & REMOVE EXISTING ASPHALT CONCRETE SURFACING, 2' WIDE MINIMUM UNLESS OTHERWISE SHOWN ON PLANS.
- 4 SAWCUT, REMOVE & DISPOSE OF EXISTING CURB & GUTTER.
- 5 SAWCUT, REMOVE AND DISPOSE OF CONCRETE SURFACING (RAMP, SIDEWALK, DRIVEWAY, SPANDREL AND CROSS GUTTER).
- 9 CONSTRUCT ASPHALT CONCRETE (TYPE A) OVER CLASS II BASE. PAVEMENT SECTION DEPTHS PER PLAN.
- 11 CONSTRUCT 8" CURB AND GUTTER PER SAN BERNARDINO COUNTY STD PLAN NO. 105 (MODIFIED).
- 12 CONSTRUCT SIDEWALK PER SAN BERNARDINO COUNTY STD PLAN NO. 109 (MODIFIED).
- 13 CONSTRUCT CURB RAMP AND, ADA DETECTABLE WARNING SURFACE AND GUTTER PAN TRANSITION PER 2018 CALTRANS STD PLAN NO. AB8A, CASE PER PLAN.
- 14 COLD PLANE 2" EXISTING PAVEMENT AND CONSTRUCT 2" ASPHALT CONCRETE OVERLAY.
- 16 CONSTRUCT SIDEWALK TRANSITION (1.5% TO EXISTING SLOPE).
- 18 CONSTRUCT SPANDREL AND/OR CROSS GUTTER PER COUNTY STD PLAN NO. 119 (MODIFIED).
- 27 CONSTRUCT CONCRETE PAD PER DETAIL B ON SHEET 04.

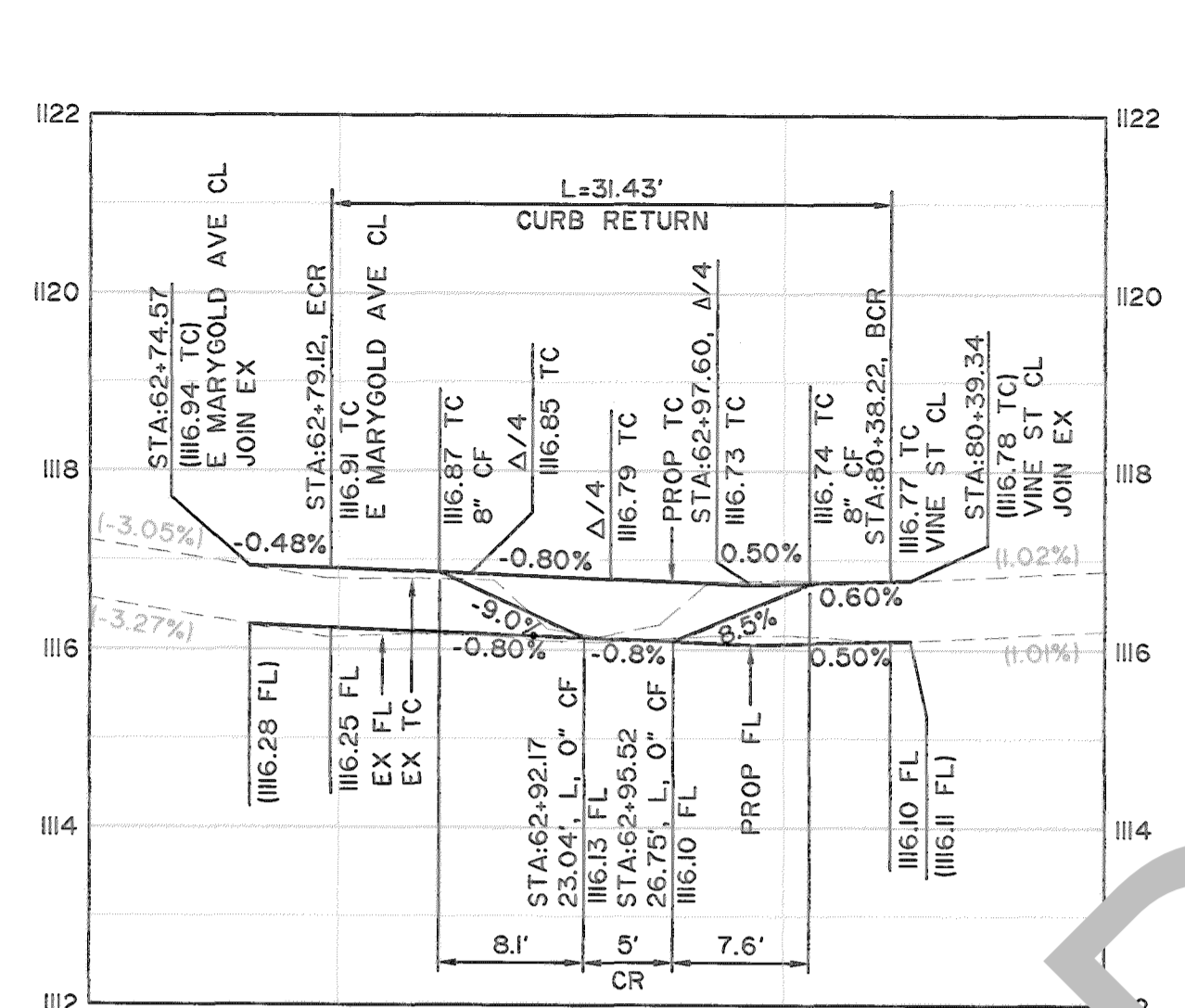
CURVE TABLE				
(X)	DELTA	RADIUS	LENGTH	TANGENT
13	90°03'53"	20.00'	31.44'	20.02'
14	89°56'09"	20.00'	31.39'	19.98'
15	90°02'26"	20.00'	31.43'	20.01'
16	89°57'34"	20.00'	31.40'	19.99'



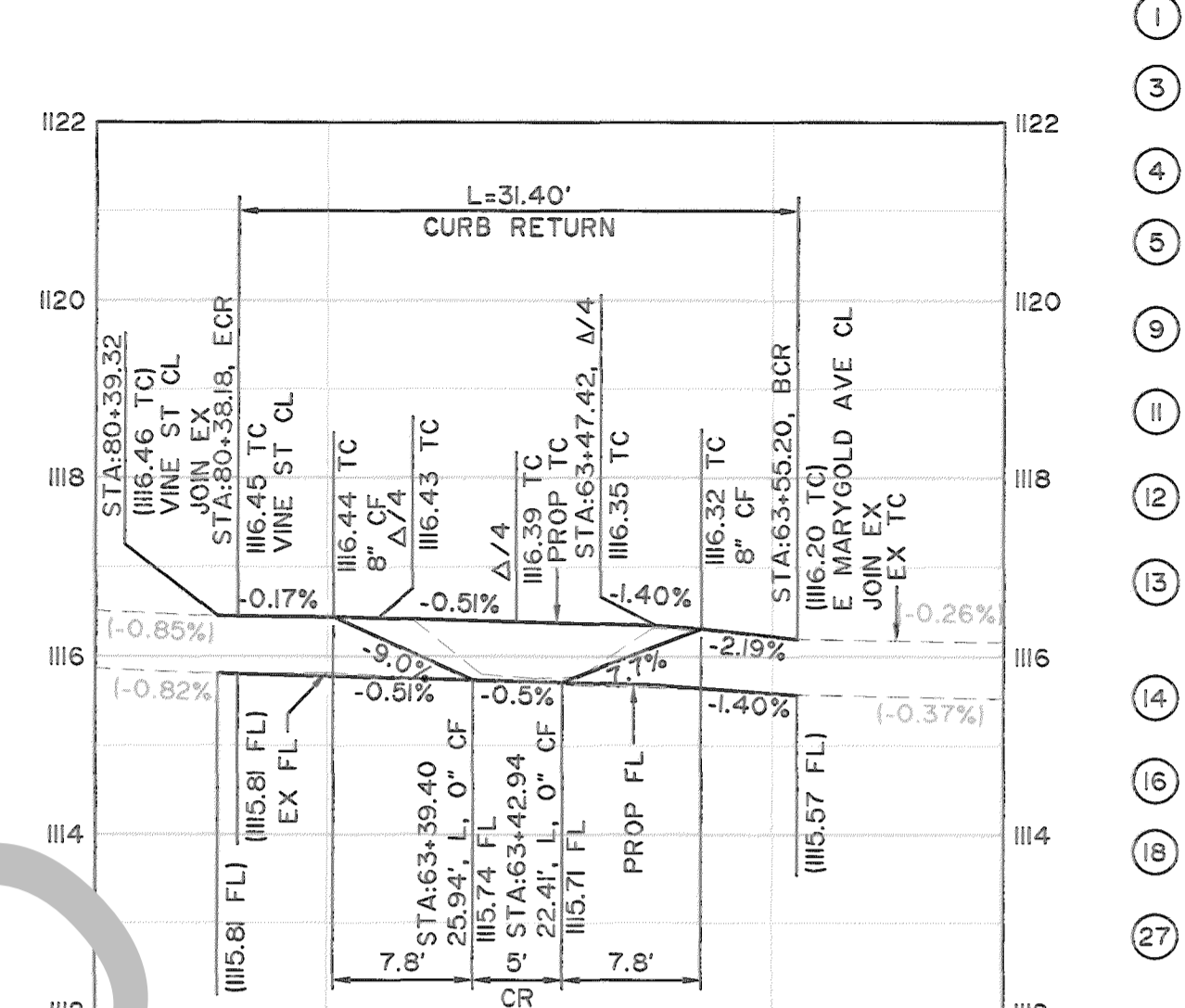
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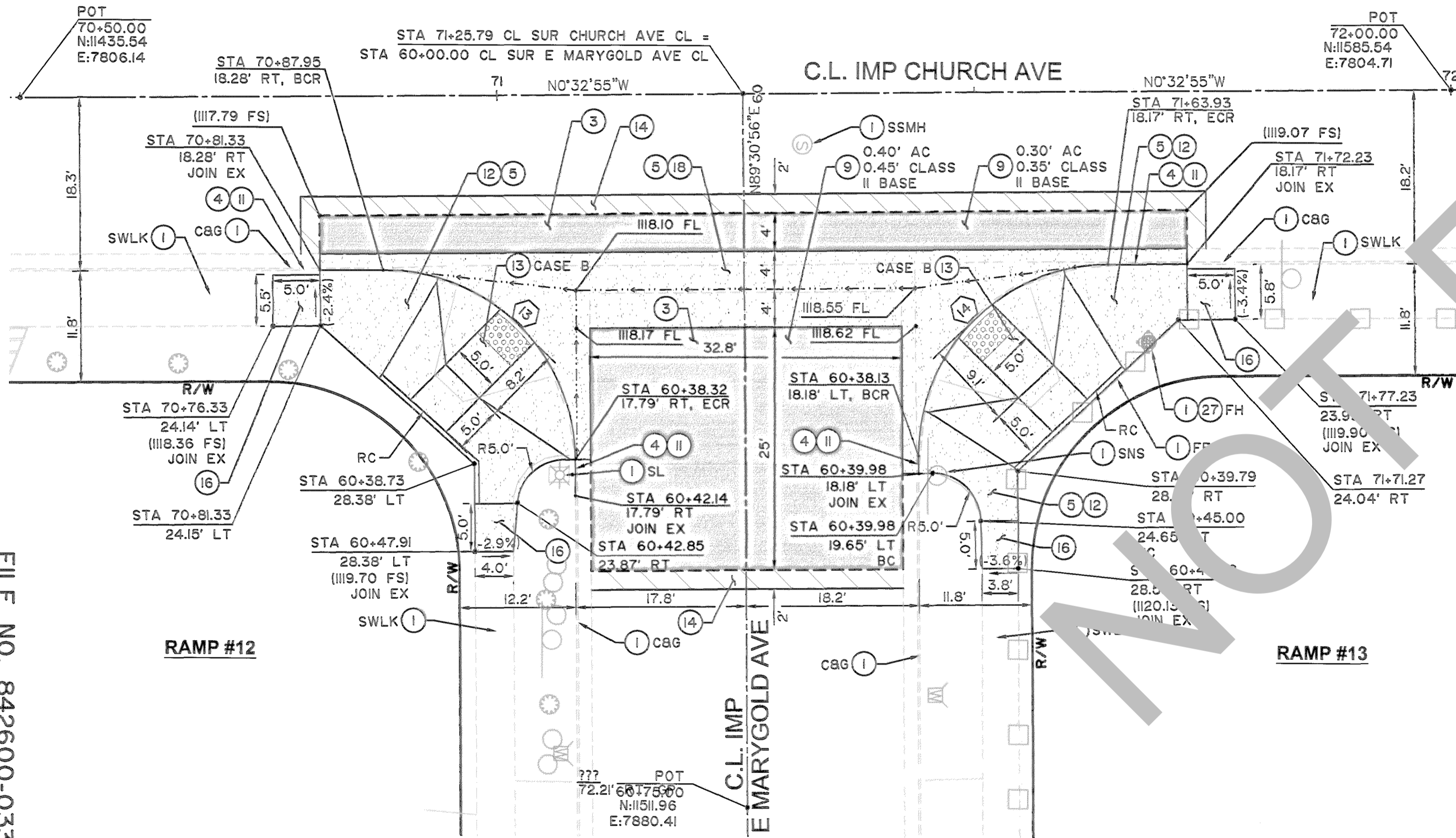
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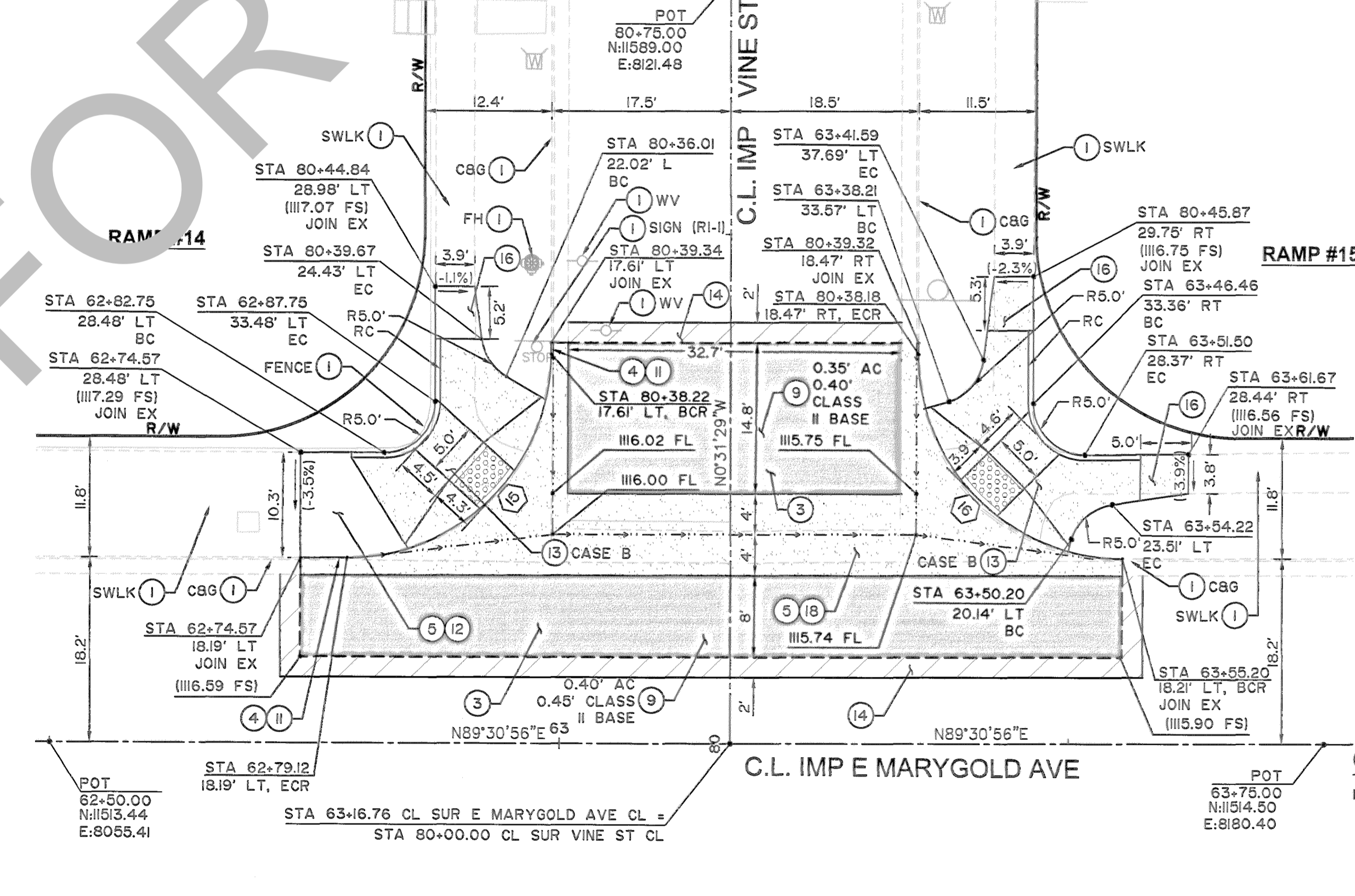
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VERT: 1"=2'
RAMP CASE = B



RAMP #15 PROFILE
HORIZ: 1"=10'
VERT: 1"=2'
RAMP CASE = B



LOCATION 6: RAMP #12 & 13 - PLAN VIEW
SE & NE CURB RETURN AT E MARYGOLD AVE
AND CHURCH AVE



LOCATION 7: RAMP #14 & 15 - PLAN VIEW
NW & NE CURB RETURN AT E MARYGOLD AVE
AND VINE ST

GENERAL NOTES:

1. SEE SHEET 29 FOR SIGNING AND STRIPING AT THE INTERSECTION OF MARYGOLD AVENUE AND VINE STREET.

LEGEND

- ASPHALT CONCRETE PAVEMENT
- PORTLAND CEMENT CONCRETE
- ASPHALT CONCRETE MILL AND OVERLAY
- SAWCUT
- FLOWLINE

REVISIONS	DATE	APPR.

FILE NO. 842600-033, 218550-020 & 760800-050

PLANS PREPARED UNDER THE SUPERVISION OF:

Kimley»Horn

1100 TOWN AND COUNTRY ROAD, SUITE 700, ORANGE, CALIFORNIA 92668 (714) 939-1030

OTHMAN ELMEZAIN, PE R.C.E. 06/23/2022 DATE

REGISTERED PROFESSIONAL ENGINEER
OTHMAN M. ELMEZAIN
C 90328
CIVIL
STATE OF CALIFORNIA

MARK	CHANGES	RESIDENT ENGINEER	DATE
	NO CHANGES		

SAN BERNARDINO COUNTY
DEPARTMENT OF PUBLIC WORKS

DESIGNED BY: AM DRAWN BY: AA CHECKED BY: OE RECOMMENDED BY: Chris Nguyen, P.E. / INTERIM ENGINEERING MANAGER 6/30/22 DATE

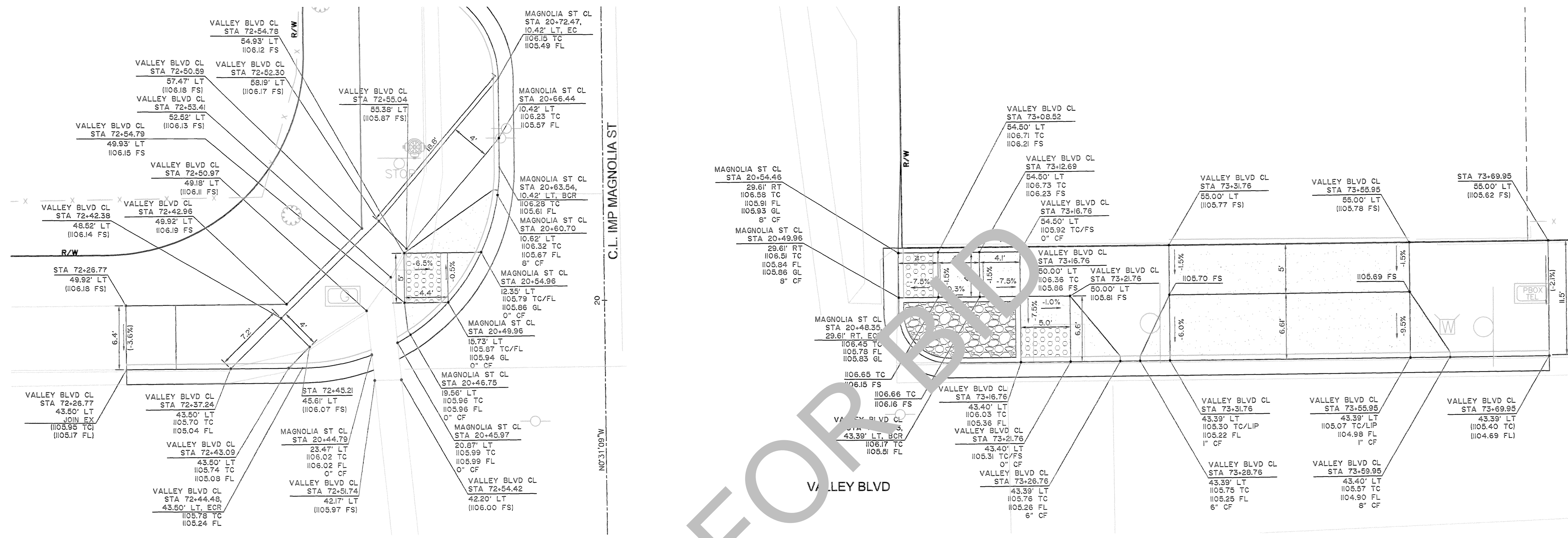
PLANS PREPARED UNDER THE SUPERVISION OF: THOMAS BUSTAMONTE, P.E. SUPERVISING ENGINEER 6/30/22 DATE

APPROVED BY: [Signature] 6/30/22 DATE

VALLEY BOULEVARD AND OTHER ROADS

PLAN AND PROFILE RAMPS
BLOOMINGTON AREA
CURB RAMPS 12 - 15

J.L. REF. SHEET 02	W.O. NO. H15017	PLAN SCALE AS SHOWN	SHT. NO. 09	TOT. SH'TS. 33
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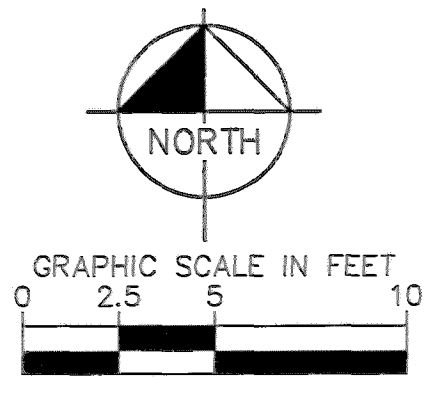


LOCATION RAMP #1, 2 & 3 - DETAIL
NE CURB RETURN AT VALLEY BLVD
AND MAGNOLIA ST

NOT FOR CONSTRUCTION

MARK	REVISIONS	DATE

FILE NO. 842600-033, 218550-020 & 760800-050

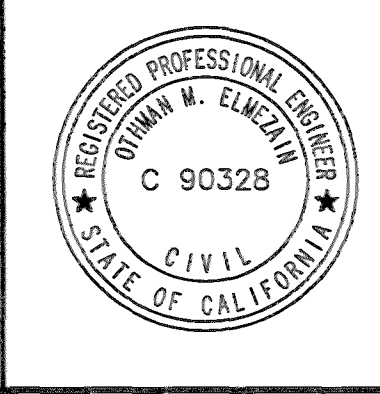


PLANS PREPARED UNDER THE SUPERVISION OF:

Kimley»Horn

1100 TOWN AND COUNTRY ROAD, SUITE 700, ORANGE, CALIFORNIA 92668
(714) 939-1030

[Signature] 06/23/2022
OTHMAN ELMEZAIN, PE R.C.E. DATE



MARK	CHANGES	DATE

SAN BERNARDINO COUNTY
DEPARTMENT OF PUBLIC WORKS

DESIGNED BY: AM DRAWN BY: AA CHECKED BY: OE RECOMMENDED BY: *[Signature]* 6/30/22
CHRIS NGUYEN, P.E. DATE
INTERIM ENGINEERING MANAGER

APPROVED BY: *[Signature]* 6/30/22
THOMAS BUSTAMANTE, P.E. DATE
SUPERVISING ENGINEER

GENERAL NOTES:

I. SEE SHEET 05 FOR VALLEY BOULEVARD CENTERLINE INFORMATION.

VALLEY BOULEVARD AND OTHER ROADS
CURB RAMP DETAILS
BLOOMINGTON AREA
CURB RAMP 1 - 3

J.L. REF. SEE SHEET	W.O. NO.	PLAN SCALE	SHT. NO.	TOT. SHTS.
02	H16017	AS SHOWN	10	33

PAVEMENT CONSTRUCTION NOTES

- ① PROTECT IN PLACE.
- ② ADJUST TO GRADE. (ITEM PER PLAN).
- ④0 COLD PLANE (0.24' THICK) OF EXISTING ASPHALT CONCRETE SURFACING.
- ④4 APPLY TACK COAT, PLACE [0.06' MINIMUM THICK] LEVELING COURSE OF TYPE A, 3/8" AGGREGATE GRADATION MAXIMUM, MEDIUM SETTING, PG 64-10 HOT MIX ASPHALT (HMA).
- ④5 APPLY GLASPAVE 50 PAVING MAT, OR APPROVED EQUAL.
- ④6 APPLY TACK COAT, PLACE [0.18' THICK] TYPE C, 3/4" AGGREGATE GRADATION, PG 76-22 PM, HOT MIX ASPHALT (HMA).
- ⑤5 APPLY FOG SEAL WITH REJUVENATING OIL ON TOP OF THE ISOLATED AREA.

GENERAL NOTES

- 1. PROTECT-IN-PLACE EXISTING UNDERGROUND UTILITY, UNLESS OTHERWISE INDICATED.
- 2. PROTECT-IN-PLACE EXISTING UTILITY POLES, VALVES, COVER, AND OTHER MISCELLANEOUS FACILITIES, UNLESS OTHERWISE INDICATED.
- 3. REMOVAL OF ALL CONFLICTING LINES AND MARKINGS SHALL BE BY WET SANDBLASTING AND INCLUDES REMOVAL OF RAISED PAVEMENT MARKINGS.
- 4. EXISTING PAVEMENT INFORMATION PROVIDED IN THESE PLANS ARE BASED ON AS-BUILT DRAWINGS AND PAVEMENT CORINGS PROVIDED BY THE COUNTY. EXISTING PAVEMENT TYPE, THICKNESSES AND LIMITS MAY VARY THAN WHAT SHOWN ON THE PLANS. THE CONTRACTOR SHALL CONDUCT POTHOLING AND PAVEMENT CORING AS NECESSARY TO OBTAIN EXISTING PAVEMENT SECTION THICKNESS AND MATERIAL. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER IN CASE OF DISCREPANCIES WITH EXISTING CONDITION AND WHERE PROPOSED PAVEMENT TREATMENT CAN'T BE USED.
- 5. SEE SHEETS 05 TO 09 FOR CURB RAMPS PLAN AND PROFILE.
- 6. SEE SHEETS 22 TO 32 FOR SIGNING AND STRIPING PLANS.

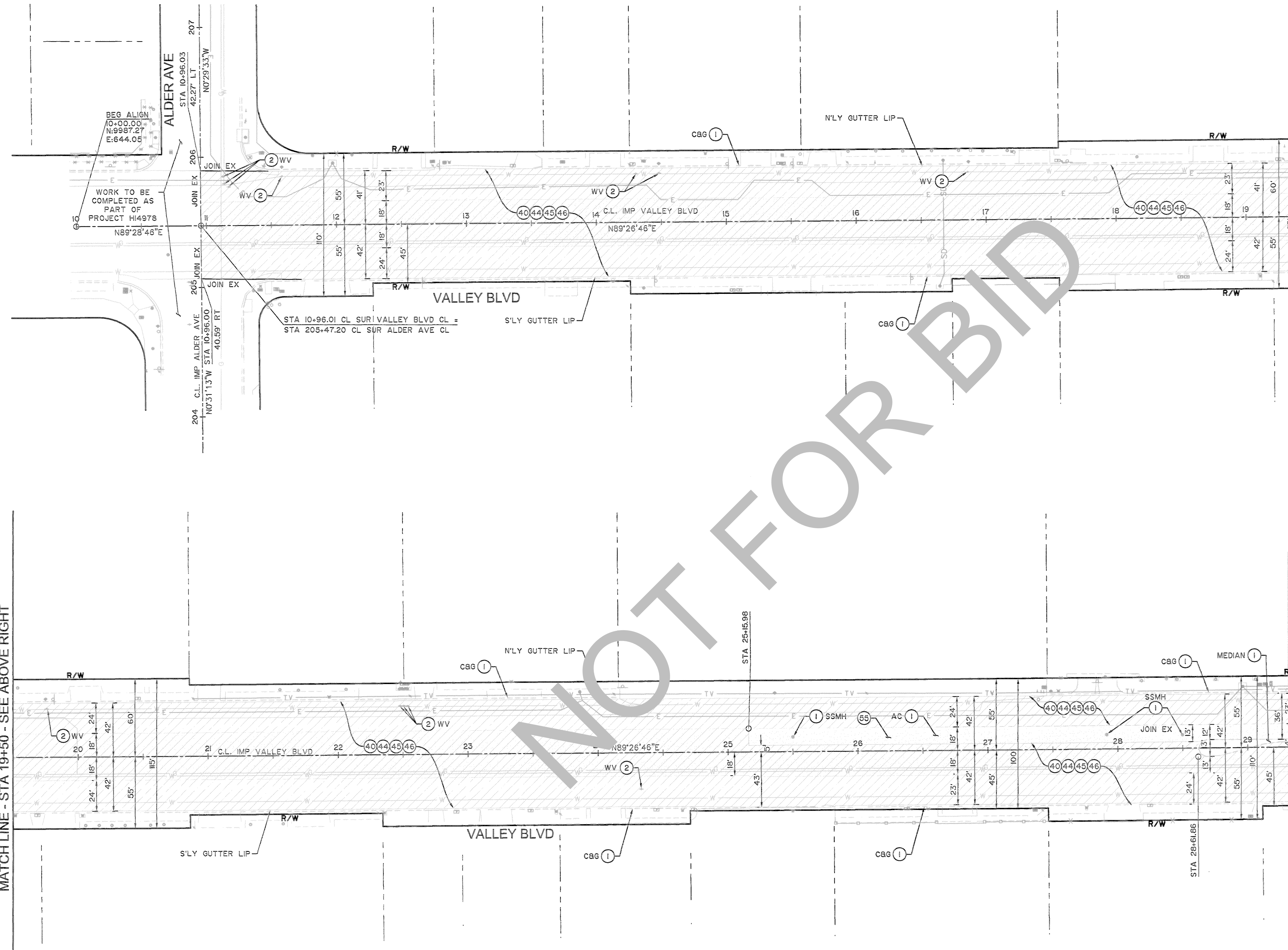
LEGEND

- ASPHALT CONCRETE MILL AND OVERLAY
- EXISTING PORTLAND CEMENT CONCRETE BENEATH ROADWAY

MATCH LINE - STA 19+50 - SEE BELOW LEFT

MATCH LINE - STA 29+50 - SEE SHEET 12

NOT FOR BID

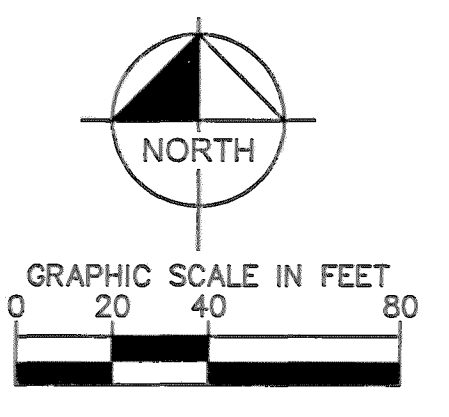


MATCH LINE - STA 19+50 - SEE ABOVE RIGHT

MARK	REVISIONS	APPR.	DATE

MARK	REVISIONS	APPR.	DATE

FILE NO. 842600-033, 218550-020 & 760800-050



PLANS PREPARED UNDER THE SUPERVISION OF:

Kimley»Horn

100 TOWN AND COUNTRY ROAD, SUITE 700, ORANGE, CALIFORNIA 92668
(714) 939-1030

Thomas Elmezain
THOMAS ELMEZAIN, PE
C90328

R.C.E. DATE 06/23/2022

MARK	CHANGES	DATE

SAN BERNARDINO COUNTY
DEPARTMENT OF PUBLIC WORKS

DESIGNED BY: AM
DRAWN BY: AA
CHECKED BY: OE
RECOMMENDED BY: *Chris Nguyen* 6/30/22
DATE: 6/30/22

PLANS PREPARED UNDER THE SUPERVISION OF: *Thomas Bustamonte*
THOMAS BUSTAMONTE, P.E.
SUPERVISING ENGINEER

APPROVED BY: *Mehmet N. Mihaljic*
MEHMET N. MIHALJIC, P.E.
INTERIM DEPUTY DIRECTOR

DATE: 6/30/22

VALLEY BOULEVARD AND OTHER ROADS

PLAN AND PROFILE ROAD
BLOOMINGTON AREA

VALLEY BLVD - STA 10+00 TO STA 29+50

J.L. REF. SHEET 02	W.D. NO. H15017	PLAN SCALE AS SHOWN	SHT. NO. II	TOT. SH'S. 33
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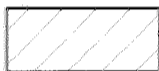

PAVEMENT CONSTRUCTION NOTES

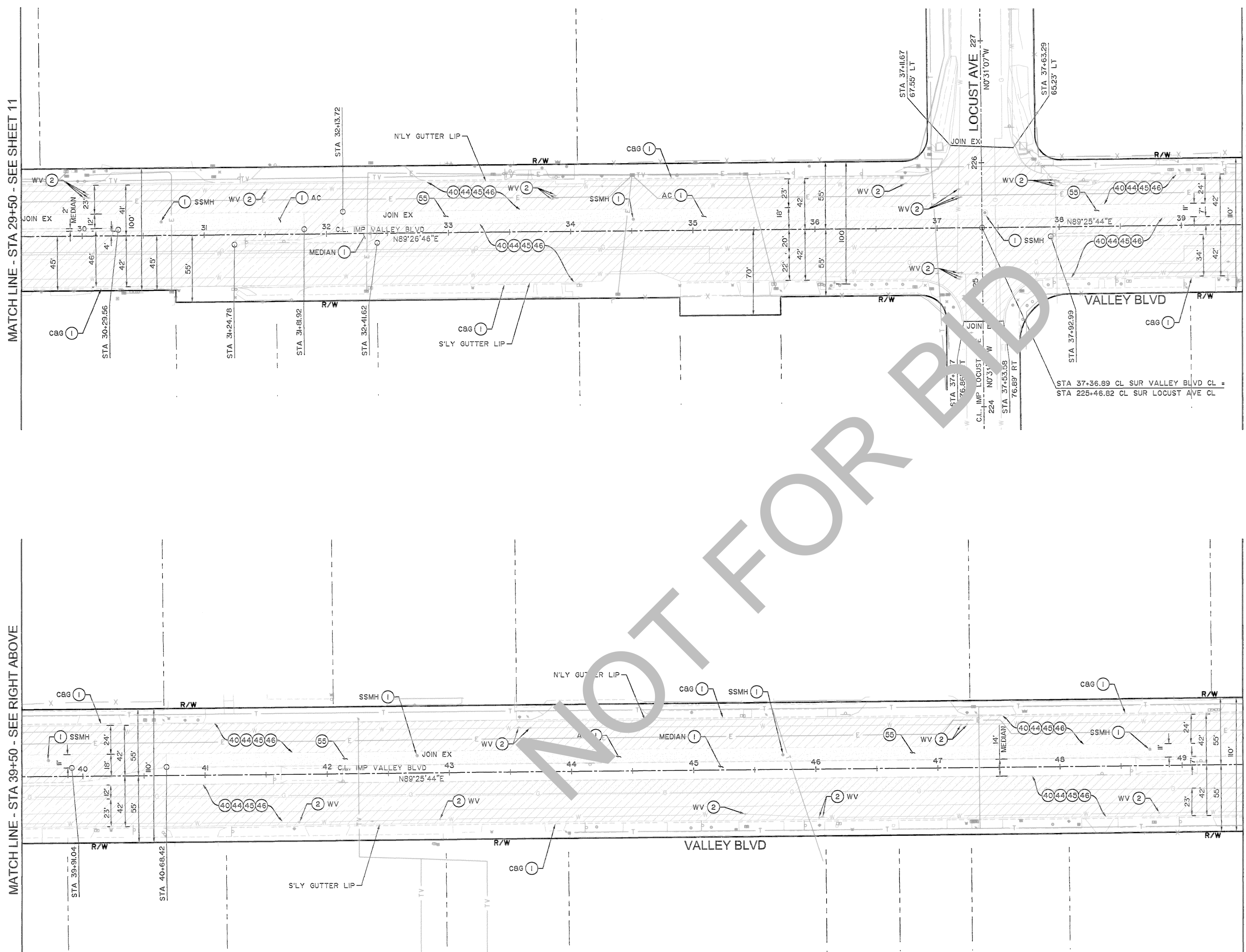
- ① PROTECT IN PLACE.
- ② ADJUST TO GRADE. (ITEM PER PLAN).
- ④0 COLD PLANE (0.24' THICK) OF EXISTING ASPHALT CONCRETE SURFACING.
- ④4 APPLY TACK COAT, PLACE (0.06' MINIMUM THICK) LEVELING COURSE OF TYPE A, 3/8" AGGREGATE GRADATION MAXIMUM, MEDIUM SETTING, PG 64-10 HOT MIX ASPHALT (HMA).
- ④5 APPLY GLASPAVE 50 PAVING MAT, OR APPROVED EQUAL.
- ④6 APPLY TACK COAT, PLACE (0.18' THICK) TYPE C, 3/4" AGGREGATE GRADATION, PG 76-22 FM, HOT MIX ASPHALT (HMA)
- ⑤5 APPLY FOG SEAL WITH REJUVENATING OIL ON TOP OF THE ISOLATED AREA.

GENERAL NOTES

- 1. PROTECT-IN-PLACE EXISTING UNDERGROUND UTILITY, UNLESS OTHERWISE INDICATED.
- 2. PROTECT-IN-PLACE EXISTING UTILITY POLES, VALVES, COVER, AND OTHER MISCELLANEOUS FACILITIES, UNLESS OTHERWISE INDICATED.
- 3. REMOVAL OF ALL CONFLICTING LINES AND MARKINGS SHALL BE BY WET SANDBLASTING AND INCLUDES REMOVAL OF RAISED PAVEMENT MARKINGS.
- 4. EXISTING PAVEMENT INFORMATION PROVIDED IN THESE PLANS ARE BASED ON AS-BUILT DRAWINGS AND PAVEMENT CORINGS PROVIDED BY THE COUNTY. EXISTING PAVEMENT TYPE, THICKNESSES AND LIMITS MAY VARY THAN WHAT SHOWN ON THE PLANS. THE CONTRACTOR SHALL CONDUCT POTHOLING AND PAVEMENT CORING AS NECESSARY TO OBTAIN EXISTING PAVEMENT SECTION THICKNESS AND MATERIAL. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER IN CASE OF DISCREPANCIES WITH EXISTING CONDITION AND WHERE PROPOSED PAVEMENT TREATMENT CAN'T BE USED.
- 5. SEE SHEETS 05 TO 09 FOR CURB RAMP PLAN AND PROFILE.
- 6. SEE SHEETS 22 TO 32 FOR SIGNING AND STRIPING PLANS.

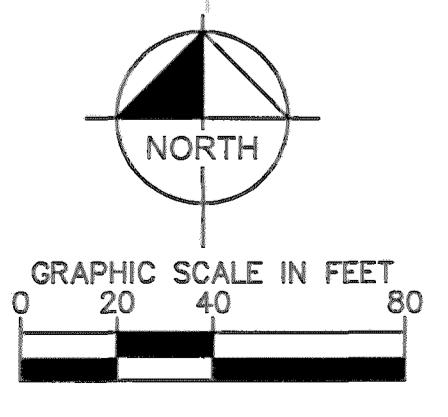
LEGEND

-  ASPHALT CONCRETE MILL AND OVERLAY
-  EXISTING PORTLAND CEMENT CONCRETE BENEATH ROADWAY



MARK	REVISIONS	APPR.	DATE

FILE NO. 842600-033, 218550-020 & 760800-050



PLANS PREPARED UNDER THE SUPERVISION OF:

Kimley & Horn

100 TOWN AND COUNTRY ROAD, SUITE 700, ORANGE, CALIFORNIA 92668
(714) 939-1030

OTHMAN ELMEZAN, PE R.C.E. 06/23/2022 DATE

MARK	CHANGES	RESIDENT ENGINEER	DATE

SAN BERNARDINO COUNTY
DEPARTMENT OF PUBLIC WORKS

DESIGNED BY: AM
DRAWN BY: AA
CHECKED BY: OE
RECOMMENDED BY: *Chris Nguyen* 6/30/22 DATE

PLANS PREPARED UNDER THE SUPERVISION OF: *Thomas Bustamonte* 7/30/22 DATE
APPROVED BY: *Merat N. Mikhail* 6/30/22 DATE

THOMAS BUSTAMONTE, P.E. SUPERVISING ENGINEER
MERAT N. MIKHAIL, P.E. INTERIM DEPUTY DIRECTOR

VALLEY BOULEVARD AND OTHER ROADS

PLAN AND PROFILE ROAD
BLOOMINGTON AREA

VALLEY BLVD - STA 29+50 TO STA 49+50

J.L. REF. SHEET	W.C. NO.	PLAN SCALE	SHT. NO.	TOT. SHT'S.
02	H15017	AS SHOWN	12	33

MATCH LINE - STA 49+50 - SEE SHEET 13

MATCH LINE - STA 39+50 - SEE RIGHT ABOVE

MATCH LINE - STA 29+50 - SEE SHEET 11



PAVEMENT CONSTRUCTION NOTES

- ① PROTECT IN PLACE.
- ② ADJUST TO GRADE. (ITEM PER PLAN).
- ④④ COLD PLANE (0.24' THICK) OF EXISTING ASPHALT CONCRETE SURFACING.
- ④④ APPLY TACK COAT, PLACE [0.06' MINIMUM THICK] LEVELING COURSE OF TYPE A, 3/8" AGGREGATE GRADATION MAXIMUM, MEDIUM SETTING, PG 64-10 HOT MIX ASPHALT (HMA).
- ④⑤ APPLY GLASPAVE 50 PAVING MAT, OR APPROVED EQUAL.
- ④⑥ APPLY TACK COAT, PLACE [0.18' THICK] TYPE C, 3/4" AGGREGATE GRADATION, PG 76-22 PM, HOT MIX ASPHALT (HMA)
- ⑤⑤ APPLY FOG SEAL WITH REJUVENATING OIL ON TOP OF THE ISOLATED AREA.

GENERAL NOTES

- 1. PROTECT-IN-PLACE EXISTING UNDERGROUND UTILITY, UNLESS OTHERWISE INDICATED.
- 2. PROTECT-IN-PLACE EXISTING UTILITY POLES, VALVES, COVER, AND OTHER MISCELLANEOUS FACILITIES, UNLESS OTHERWISE INDICATED.
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- 5. SEE SHEETS 05 TO 09 FOR CURB RAMPS PLAN AND PROFILE.
- 6. SEE SHEETS 22 TO 32 FOR SIGNING AND STRIPING PLANS.

LEGEND

-  ASPHALT CONCRETE MILL AND OVERLAY
-  EXISTING PORTLAND CEMENT CONCRETE BENEATH ROADWAY

MATCH LINE - STA 49+50 - SEE SHEET 12

MATCH LINE - STA 59+50 - SEE BELOW LEFT

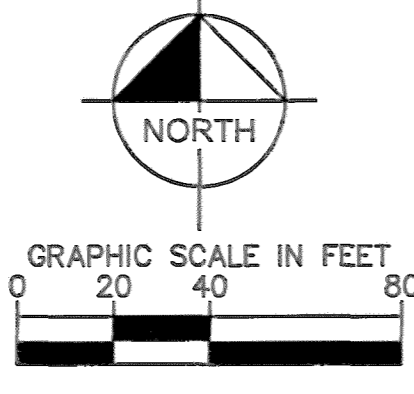
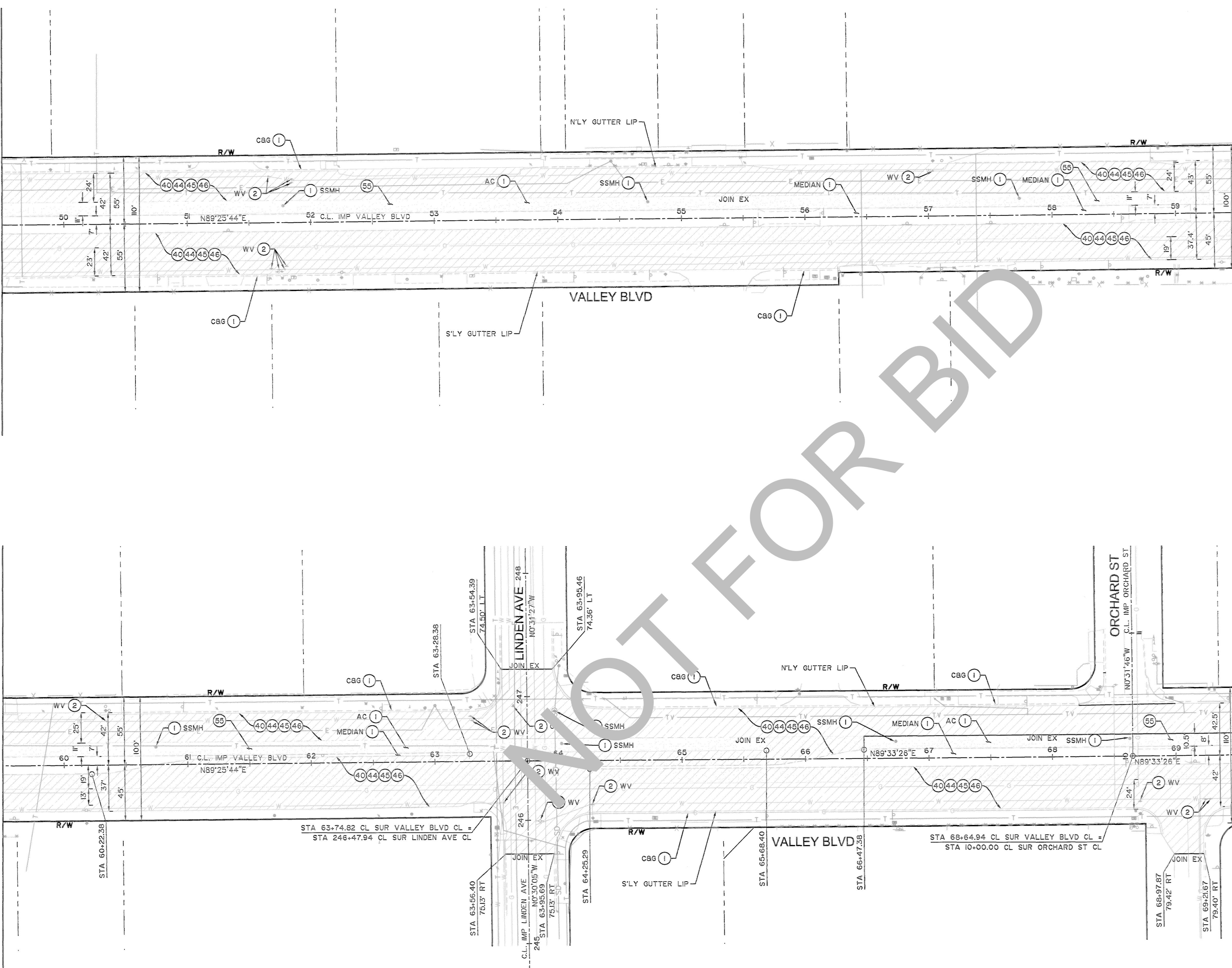
MATCH LINE - STA 59+50 - SEE ABOVE RIGHT

MATCH LINE - STA 69+50 - SEE SHEET 14

FILE NO. 842600-033, 218550-020 & 760800-050

MARK	REVISIONS	APPR.	DATE

MARK	REVISIONS	APPR.	DATE



PLANS PREPARED UNDER THE SUPERVISION OF:

Kimley»Horn

1100 TOWN AND COUNTRY ROAD, SUITE 700, ORANGE, CALIFORNIA 92668
(714) 939-1030

Thomas Bustamonte R.C.E. 06/23/2022

REGISTERED PROFESSIONAL ENGINEER
THOMAS W. ELMZEAN
C 90328
CIVIL
STATE OF CALIFORNIA

MARK	CHANGES	DATE
	NO CHANGES	

SAN BERNARDINO COUNTY
DEPARTMENT OF PUBLIC WORKS

DESIGNED BY: AM
DRAWN BY: AA
CHECKED BY: OE
RECOMMENDED BY: *Chris Nguyen* 6/30/22
CHRIS NGUYEN, P.E.
INTERIM ENGINEERING MANAGER

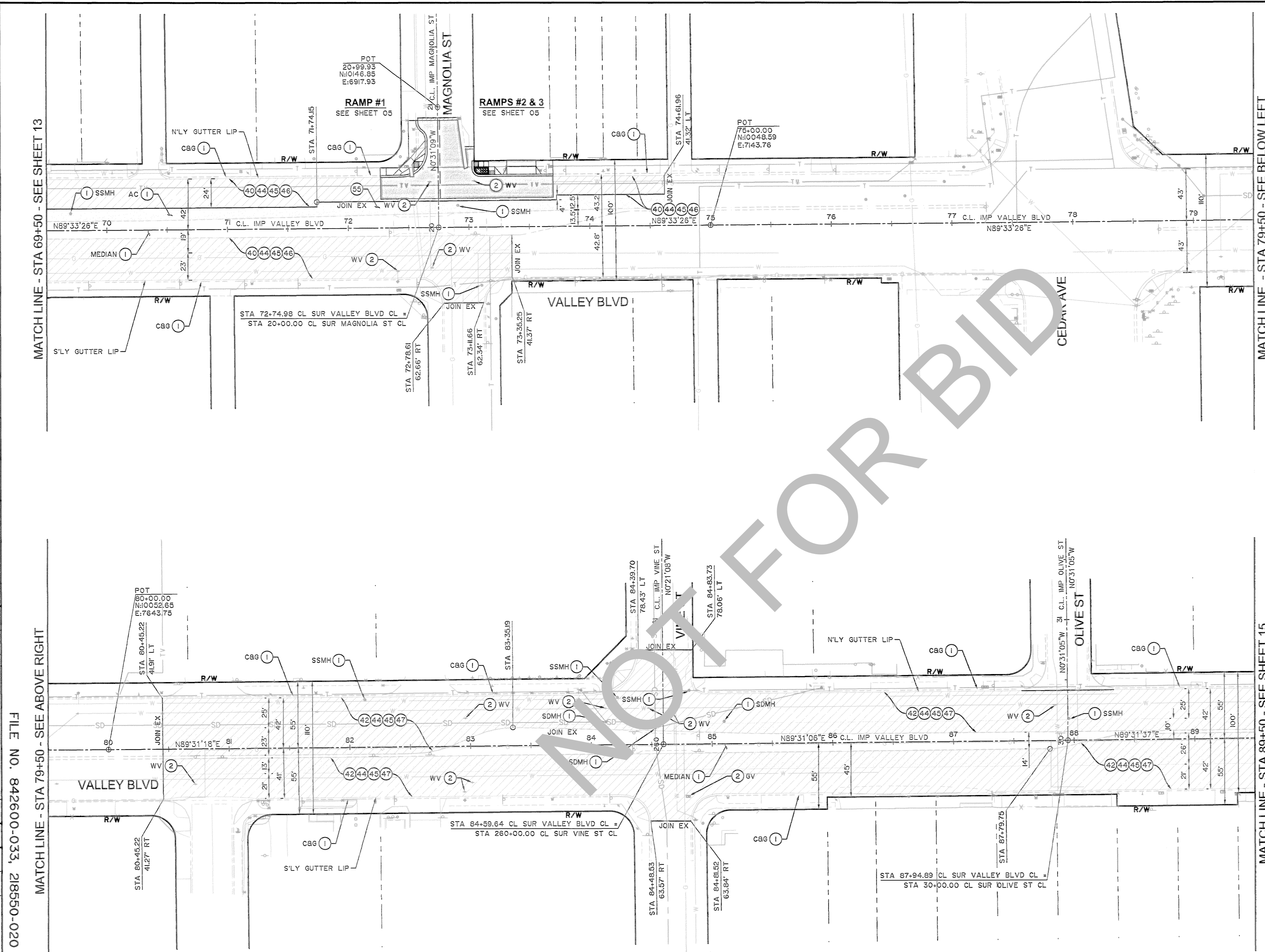
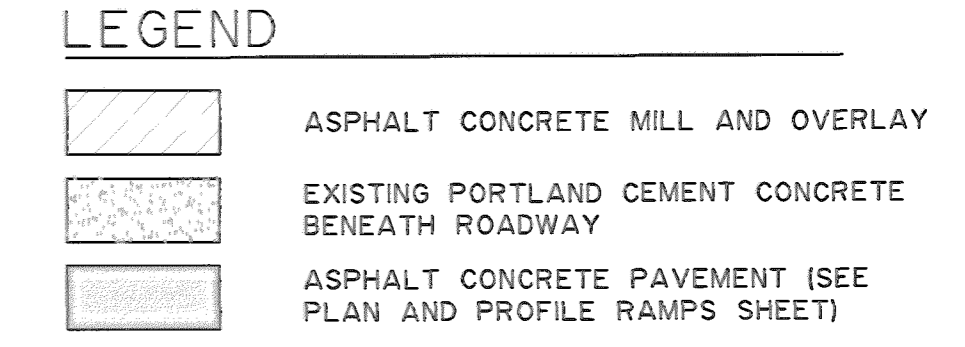
APPROVED BY: *Thomas Bustamonte* 6/30/22
THOMAS BUSTAMONTE, P.E.
SUPERVISING ENGINEER

VALLEY BOULEVARD AND OTHER ROADS
PLAN AND PROFILE ROAD
BLOOMINGTON AREA
VALLEY BLVD - STA 49+50 TO STA 69+50

J.L. REF. SHEET 02	W.O. NO. H15017	PLAN SCALE AS SHOWN	SHT. NO. 13	TOT. SHT'S. 33
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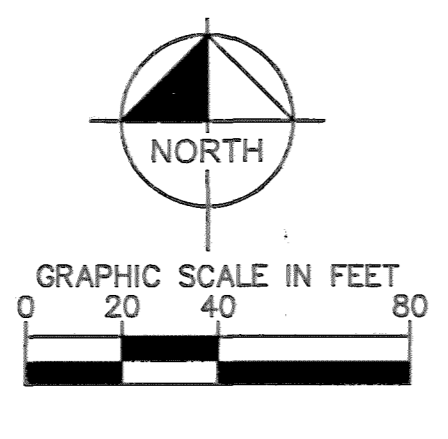
- ### PAVEMENT CONSTRUCTION NOTES
- 1 PROTECT IN PLACE.
 - 2 ADJUST TO GRADE. (ITEM PER PLAN).
 - 40 COLD PLANE (0.24' THICK) OF EXISTING ASPHALT CONCRETE SURFACING.
 - 42 COLD PLANE (0.30' THICK) OF EXISTING ASPHALT CONCRETE SURFACING.
 - 44 APPLY TACK COAT, PLACE (0.06' MINIMUM THICK) LEVELING COURSE OF TYPE A, 3/8" AGGREGATE GRADATION MAXIMUM, MEDIUM SETTING, PG 64-10 HOT MIX ASPHALT (HMA).
 - 45 APPLY GLASPAVE 50 PAVING MAT, OR APPROVED EQUAL.
 - 46 APPLY TACK COAT, PLACE (0.18' THICK) TYPE C, 3/4" AGGREGATE GRADATION, PG 76-22 PM, HOT MIX ASPHALT (HMA).
 - 47 APPLY TACK COAT, PLACE (0.24' THICK) TYPE C, 3/4" AGGREGATE GRADATION, PG 76-22 PM, HOT MIX ASPHALT (HMA).
 - 55 APPLY FOG SEAL WITH REJUVENATING OIL ON TOP OF THE ISOLATED AREA.

- ### GENERAL NOTES
1. PROTECT-IN-PLACE EXISTING UNDERGROUND UTILITY, UNLESS OTHERWISE INDICATED.
 2. PROTECT-IN-PLACE EXISTING UTILITY POLES, VALVES, COVER, AND OTHER MISCELLANEOUS FACILITIES, UNLESS OTHERWISE INDICATED.
 3. REMOVAL OF ALL CONFLICTING LINES AND MARKINGS SHALL BE BY WET SANDBLASTING AND INCLUDES REMOVAL OF RAISED PAVEMENT MARKINGS.
 4. EXISTING PAVEMENT INFORMATION PROVIDED IN THESE PLANS ARE BASED ON AS-BUILT DRAWINGS AND PAVEMENT CORINGS PROVIDED BY THE COUNTY. EXISTING PAVEMENT TYPE, THICKNESSES AND LIMITS MAY VARY THAN WHAT SHOWN ON THE PLANS. THE CONTRACTOR SHALL CONDUCT POTHOLING AND PAVEMENT CORING AS NECESSARY TO OBTAIN EXISTING PAVEMENT SECTION THICKNESS AND MATERIAL. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER IN CASE OF DISCREPANCIES WITH EXISTING CONDITION AND WHERE PROPOSED PAVEMENT TREATMENT CAN'T BE USED.
 5. SEE SHEETS 05 TO 09 FOR CURB RAMPS PLAN AND PROFILE.
 6. SEE SHEETS 22 TO 32 FOR SIGNING AND STRIPING PLANS.

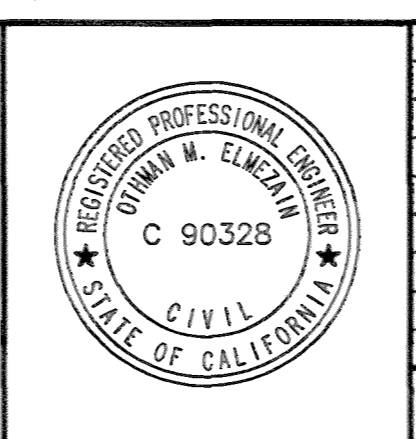


REVISIONS	DATE	APPR.

FILE NO. 842600-033, 218550-020 & 760800-050



PLANS PREPARED UNDER THE SUPERVISION OF:
Kimley»Horn
 100 TOWN AND COUNTRY ROAD, SUITE 700, ORANGE, CALIFORNIA 92668
 (714) 939-1030
 OTHMAN ELMEZAIN, PE R.C.E. 06/23/2022 DATE



MARK	CHANGES	DATE

SAN BERNARDINO COUNTY
DEPARTMENT OF PUBLIC WORKS


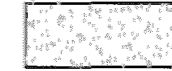

DESIGNED BY: AM	DRAWN BY: AA	CHECKED BY: OE	RECOMMENDED BY: <i>[Signature]</i> 6/30/22 DATE
PLANS PREPARED UNDER THE SUPERVISION OF: <i>[Signature]</i> THOMAS BUSTAMANTE, P.E. SUPERVISING ENGINEER			APPROVED BY: <i>[Signature]</i> 6/30/22 DATE

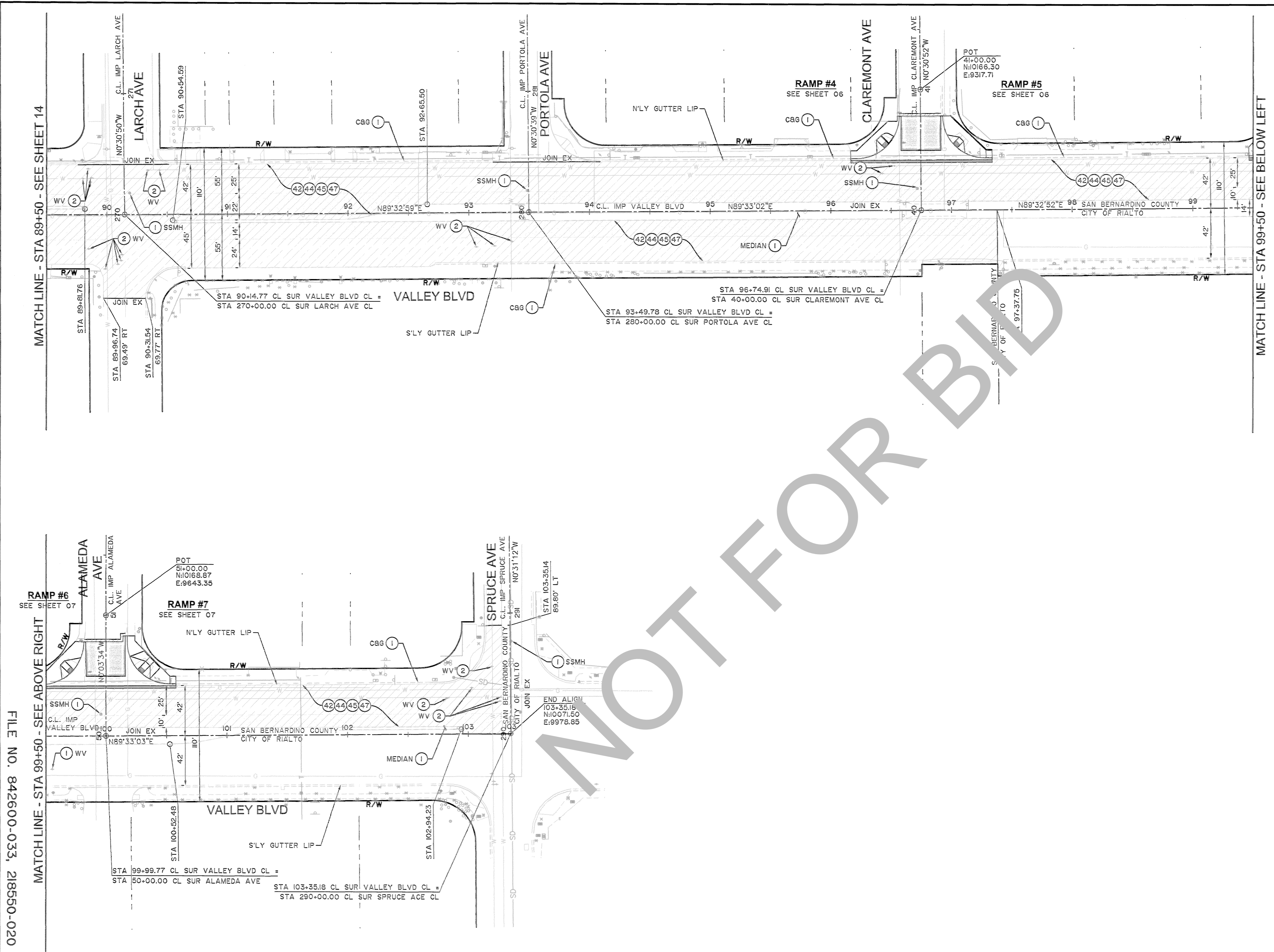
VALLEY BOULEVARD AND OTHER ROADS
 PLAN AND PROFILE ROAD
 BLOOMINGTON AREA
 VALLEY BLVD - STA 69+50 TO STA 89+50

J.L. REF. SHEET 02	W.O. NO. H15017	PLAN SCALE AS SHOWN	SHT. NO. 14	TOT. SHTS. 33
--------------------	-----------------	---------------------	-------------	---------------

- ### PAVEMENT CONSTRUCTION NOTES
- 1 PROTECT IN PLACE.
 - 2 ADJUST TO GRADE. (ITEM PER PLAN).
 - 42 COLD PLANE (0.30' THICK) OF EXISTING ASPHALT CONCRETE SURFACING.
 - 44 APPLY TACK COAT, PLACE (0.06' MINIMUM THICK) LEVELING COURSE OF TYPE A, 3/8" AGGREGATE GRADATION MAXIMUM, MEDIUM SETTING, PG 64-10 HOT MIX ASPHALT (HMA).
 - 45 APPLY GLASPAVE 50 PAVING MAT, OR APPROVED EQUAL.
 - 47 APPLY TACK COAT, PLACE (0.24' THICK) TYPE C, 3/4" AGGREGATE GRADATION, PG 76-22 PM, HOT MIX ASPHALT (HMA).

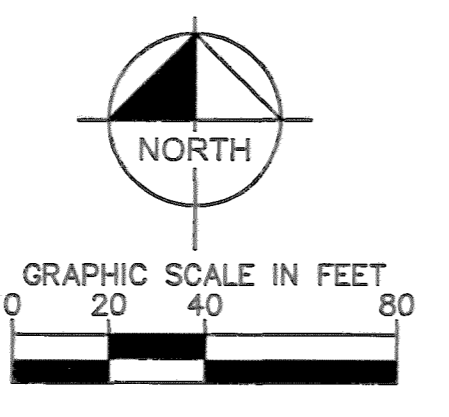
- ### GENERAL NOTES
1. PROTECT-IN-PLACE EXISTING UNDERGROUND UTILITY, UNLESS OTHERWISE INDICATED.
 2. PROTECT-IN-PLACE EXISTING UTILITY POLES, VALVES, COVER, AND OTHER MISCELLANEOUS FACILITIES, UNLESS OTHERWISE INDICATED.
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 5. SEE SHEETS 05 TO 09 FOR CURB RAMPS PLAN AND PROFILE.
 6. SEE SHEETS 22 TO 32 FOR SIGNING AND STRIPING PLANS.

- ### LEGEND
-  ASPHALT CONCRETE MILL AND OVERLAY
 -  EXISTING PORTLAND CEMENT CONCRETE BENEATH ROADWAY
 -  ASPHALT CONCRETE PAVEMENT (SEE PLAN AND PROFILE RAMPS SHEET)



MARK	REVISIONS	DATE	APPR	DATE

FILE NO. 842600-033, 218550-020 8 760800-050



PLANS PREPARED UNDER THE SUPERVISION OF:
Kimley»Horn
 100 TOWN AND COUNTRY ROAD, SUITE 700, ORANGE, CALIFORNIA 92668
 (714) 939-1030
 OTHMAN ELMEZAIN, P.E. R.C.E. 06/23/2022
 C 90328



MARK	CHANGES	RESIDENT ENGINEER	DATE


SAN BERNARDINO COUNTY DEPARTMENT OF PUBLIC WORKS			
DESIGNED BY: AM	DRAWN BY: AA	CHECKED BY: OE	RECOMMENDED BY: <i>Chris Nguyen</i> 6/30/22
PLANS PREPARED UNDER THE SUPERVISION OF: <i>Thomas Bustamonte</i> 7/30/22			APPROVED BY: <i>Mervat N. Mikhaliq</i> 6/30/22
THOMAS BUSTAMONTE, P.E. SUPERVISING ENGINEER			MERVAT N. MIKHALIQ, P.E. INTERIM DEPUTY DIRECTOR

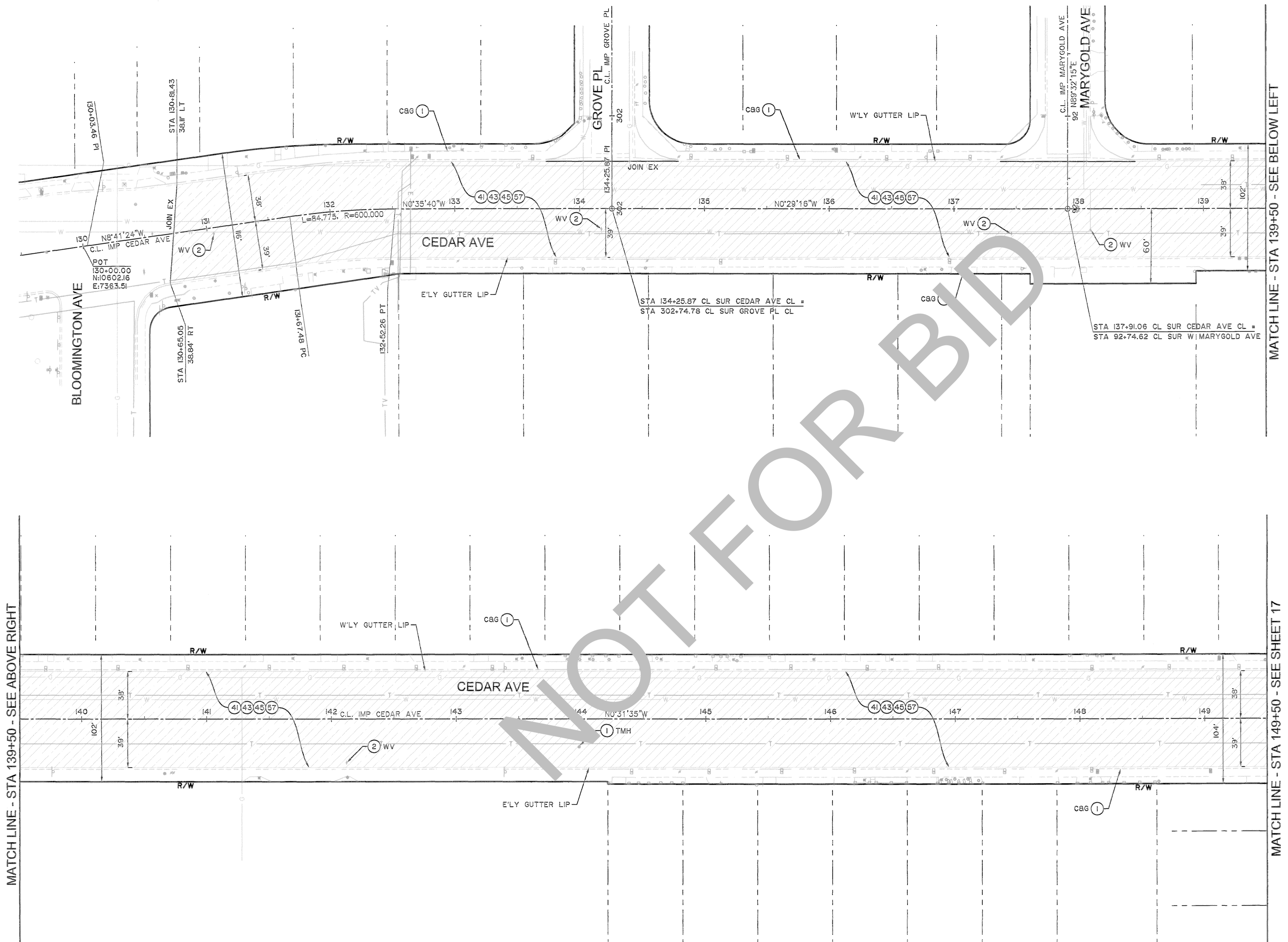
VALLEY BOULEVARD AND OTHER ROADS				
PLAN AND PROFILE ROAD BLOOMINGTON AREA				
VALLEY BLVD - STA 89+50 TO STA 103+50				
J.L. REF. SHEET 02	W.O. NO. H15017	PLAN SCALE AS SHOWN	SHT. NO. 15	TOT. SH'TS. 33

- PAVEMENT CONSTRUCTION NOTES**
- ① PROTECT IN PLACE.
 - ② ADJUST TO GRADE. (ITEM PER PLAN).
 - ④1 COLD PLANE (0.25' THICK) OF EXISTING ASPHALT CONCRETE SURFACING.
 - ④3 APPLY TACK COAT, PLACE [0.05' MINIMUM THICK] LEVELING COURSE OF TYPE A, 3/8" AGGREGATE GRADATION MAXIMUM, MEDIUM SETTING, PG 64-10 HOT MIX ASPHALT CONCRETE.
 - ④5 APPLY GLASPAVE 50 PAVING MAT, OR APPROVED EQUAL.
 - ⑤7 PLACE 0.20' OF TYPE 6, 3/4" AGGREGATE GRADATION, PG 64-16 RUBBERIZED HOT MIX ASPHALT (RHMA).

- GENERAL NOTES**
- 1. PROTECT-IN-PLACE EXISTING UNDERGROUND UTILITY, UNLESS OTHERWISE INDICATED.
 - 2. PROTECT-IN-PLACE EXISTING UTILITY POLES, VALVES, COVER, AND OTHER MISCELLANEOUS FACILITIES, UNLESS OTHERWISE INDICATED.
 - 3. REMOVAL OF ALL CONFLICTING LINES AND MARKINGS SHALL BE BY WET SANDBLASTING AND INCLUDES REMOVAL OF RAISED PAVEMENT MARKINGS.
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 - 5. SEE SHEETS 05 TO 09 FOR CURB RAMPS PLAN AND PROFILE.
 - 6. SEE SHEETS 22 TO 32 FOR SIGNING AND STRIPING PLANS.

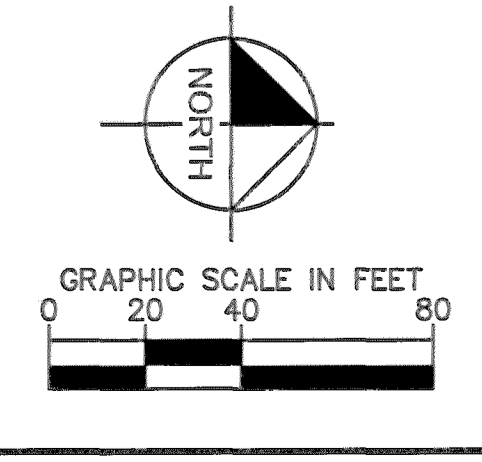
LEGEND


 ASPHALT CONCRETE MILL AND OVERLAY

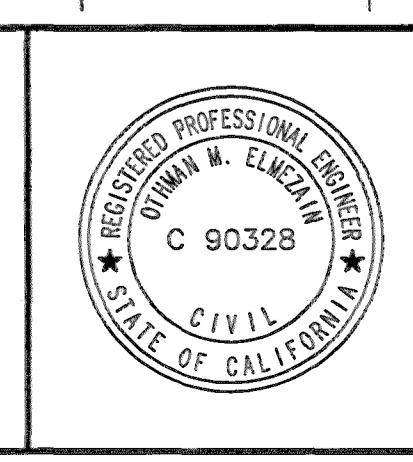


MARK	REVISIONS	APPR.	DATE

FILE NO. 842600-033, 218550-020 & 760800-050



PLANS PREPARED UNDER THE SUPERVISION OF:
Kimley»Horn
 1100 TOWN AND COUNTRY ROAD, SUITE 700, ORANGE, CALIFORNIA 92668
 (714) 939-1030

 OTHMAN ELMEZAIN, PE R.C.E. 06/23/2022 DATE



MARK	CHANGES	RESIDENT ENGINEER	DATE

SAN BERNARDINO COUNTY
DEPARTMENT OF PUBLIC WORKS

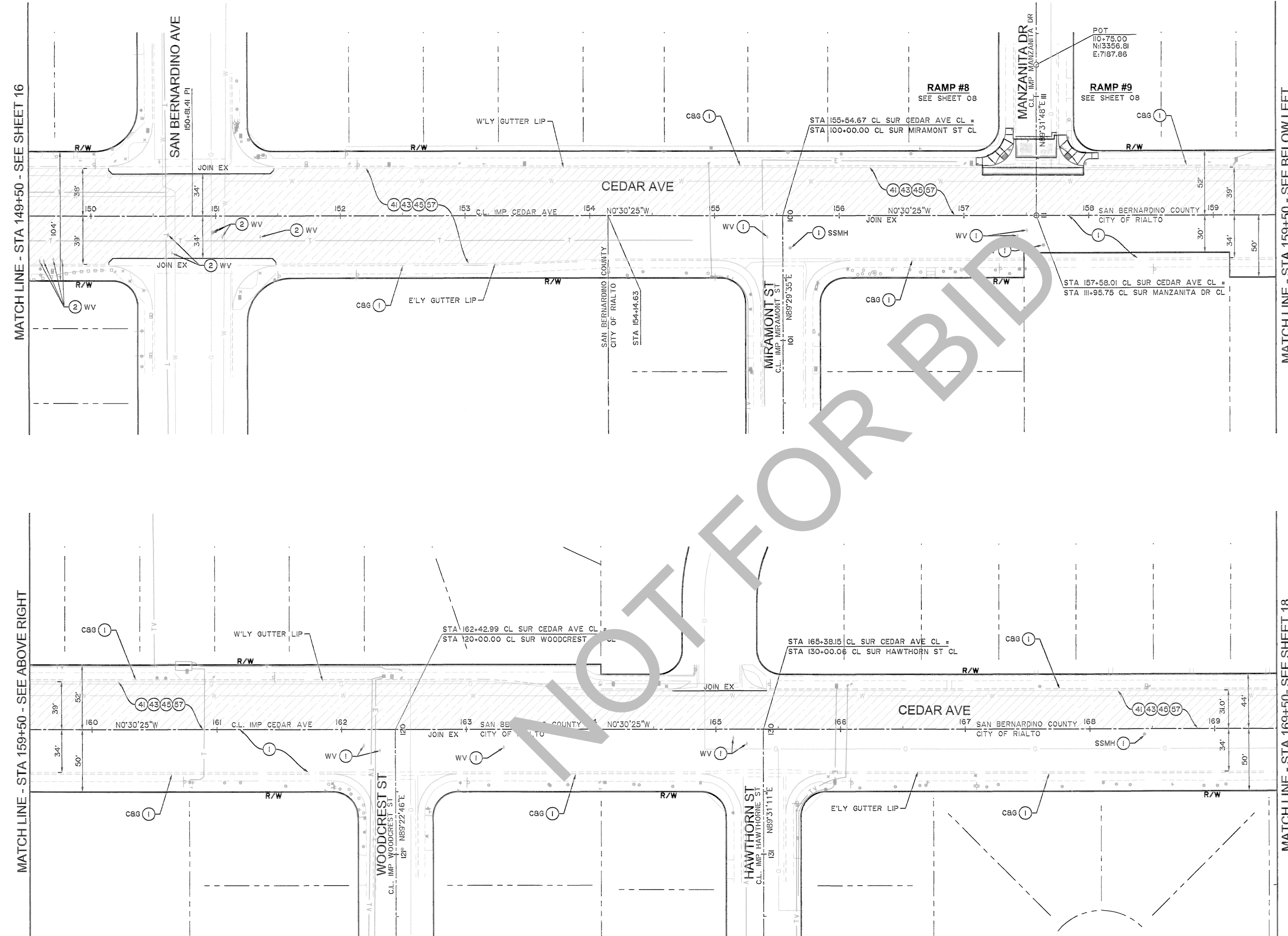
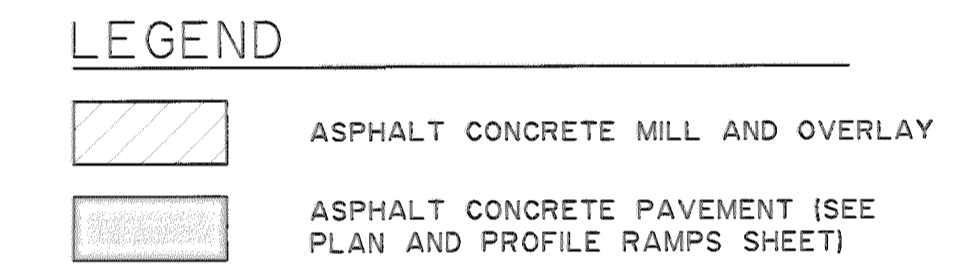
DESIGNED BY: AM	DRAWN BY: AA	CHECKED BY: OE	RECOMMENDED BY: Chris Nguyen, P.E. INTERIM ENGINEERING MANAGER 6/30/22 DATE
PLANS PREPARED UNDER THE SUPERVISION OF: THOMAS BUSTAMONTE, P.E. SUPERVISING ENGINEER			APPROVED BY: Mehmet N. Minkovic, P.E. INTERIM DEPUTY DIRECTOR 6/30/22 DATE

VALLEY BOULEVARD AND OTHER ROADS
 PLAN AND PROFILE ROAD
 BLOOMINGTON AREA
 CEDAR AVE - STA 130+00 TO STA 149+50

J.L. REF. SEE SHEET 02	W.O. NO. HI5017	PLAN SCALE AS SHOWN	SHT. NO. 16	TOT. SHTS. 33
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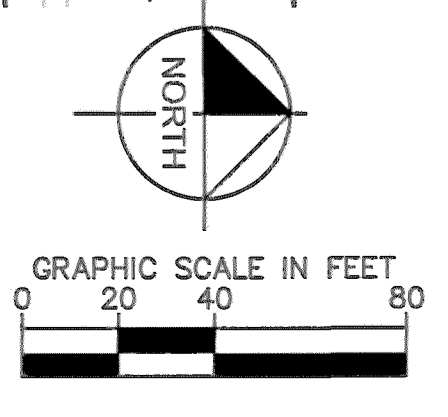
- PAVEMENT CONSTRUCTION NOTES**
- 1 PROTECT IN PLACE.
 - 2 ADJUST TO GRADE. (ITEM PER PLAN).
 - 41 COLD PLANE (0.25' THICK) OF EXISTING ASPHALT CONCRETE SURFACING.
 - 43 APPLY TACK COAT, PLACE [0.05' MINIMUM THICK] LEVELING COURSE OF TYPE A, 3/8" AGGREGATE GRADATION MAXIMUM, MEDIUM SETTING, PG 64-10 HOT MIX ASPHALT CONCRETE.
 - 45 APPLY GLASPAVE 50 PAVING MAT, OR APPROVED EQUAL.
 - 57 PLACE 0.20' OF TYPE G, 3/4" AGGREGATE GRADATION, PG 64-16 RUBBERIZED HOT MIX ASPHALT (RHMA).

- GENERAL NOTES**
1. PROTECT-IN-PLACE EXISTING UNDERGROUND UTILITY, UNLESS OTHERWISE INDICATED.
 2. PROTECT-IN-PLACE EXISTING UTILITY POLES, VALVES, COVER, AND OTHER MISCELLANEOUS FACILITIES, UNLESS OTHERWISE INDICATED.
 3. REMOVAL OF ALL CONFLICTING LINES AND MARKINGS SHALL BE BY WET SANDBLASTING AND INCLUDES REMOVAL OF RAISED PAVEMENT MARKINGS.
 4. EXISTING PAVEMENT INFORMATION PROVIDED IN THESE PLANS ARE BASED ON AS-BUILT DRAWINGS AND PAVEMENT CORINGS PROVIDED BY THE COUNTY. EXISTING PAVEMENT TYPE, THICKNESSES AND LIMITS MAY VARY THAN WHAT SHOWN ON THE PLANS. THE CONTRACTOR SHALL CONDUCT POTHOLING AND PAVEMENT CORING AS NECESSARY TO OBTAIN EXISTING PAVEMENT SECTION THICKNESS AND MATERIAL. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER IN CASE OF DISCREPANCIES WITH EXISTING CONDITION AND WHERE PROPOSED PAVEMENT TREATMENT CAN'T BE USED.
 5. SEE SHEETS 05 TO 09 FOR CURB RAMPS PLAN AND PROFILE.
 6. SEE SHEETS 22 TO 32 FOR SIGNING AND STRIPING PLANS.



MARK	REVISIONS	APPR.	DATE

FILE NO. 842600-033, 218550-020 & 760800-050



PLANS PREPARED UNDER THE SUPERVISION OF:

Kimley»Horn

100 TOWN AND COUNTRY ROAD, SUITE 700, ORANGE, CALIFORNIA 92668
(714) 939-1030

OTHMAN ELMEZAIN
OTHMAN ELMEZAIN, PE R.C.E. 06/23/2022 DATE



MARK	CHANGES	RESIDENT ENGINEER	DATE
	NO CHANGES		

SAN BERNARDINO COUNTY
DEPARTMENT OF PUBLIC WORKS

DESIGNED BY: AM	DRAWN BY: AA	CHECKED BY: OE	RECOMMENDED BY: Chris Nguyen, P.E. INTERIM ENGINEERING MANAGER 8/30/22 DATE
PLANS PREPARED UNDER THE SUPERVISION OF: THOMAS BUSTAMONTE, P.E. SUPERVISING ENGINEER 9/30/22 DATE			APPROVED BY: Mervat N. Mikhail, P.E. INTERIM DEPUTY DIRECTOR 9/30/22 DATE

VALLEY BOULEVARD AND OTHER ROADS

PLAN AND PROFILE ROAD
BLOOMINGTON AREA
CEDAR AVE - STA 149+50 TO STA 169+50

J.L. REF. SHEET	W.O. NO.	PLAN SCALE	SHT. NO.	TOT. SHTS.
SEE SHEET 02	H15017	AS SHOWN	17	33