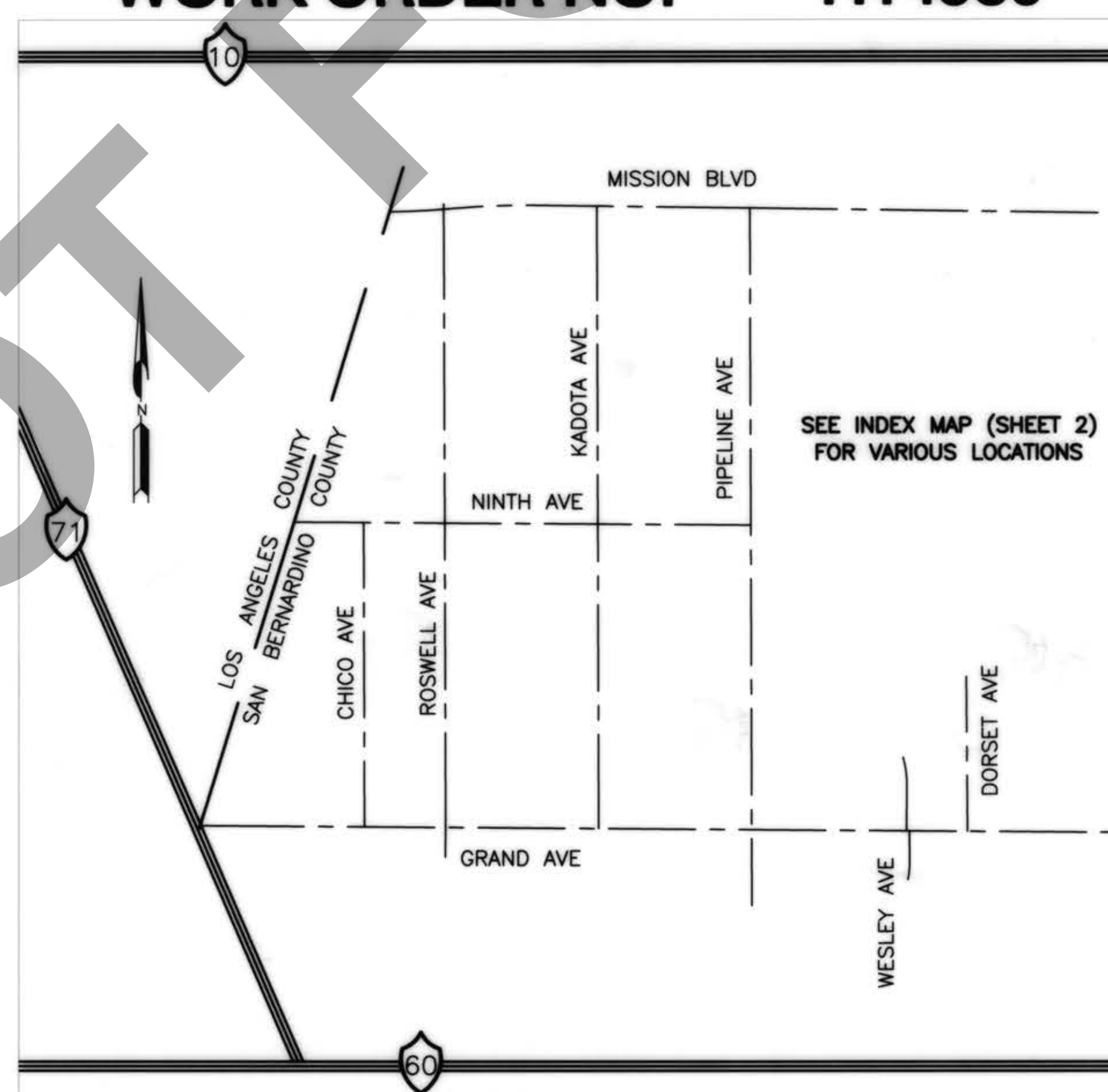


WARNING: ALL INDIVIDUALS INTERESTED IN BIDDING ON THIS PROJECT MUST OBTAIN THE FINAL PLANS AND SPECIFICATIONS FROM THE DEPARTMENT MANAGING THE PROJECT OR AS OTHERWISE STATED IN THE ADVERTISEMENT FOR BIDS FOR THE PROJECT. DO NOT USE THE PLANS AND SPECIFICATIONS POSTED ON THE CLERK OF THE BOARD'S WEBSITE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

WORK ORDER NO. H14980



NOT TO SCALE

APPROVED BY:

KEVIN BLAKESLEE, P.E., DIRECTOR OF PUBLIC WORKS R.C.F. 53095

DATE 11/1/11

MARK	CHANGES	RESIDENT ENGINEER	
	NO CHANGES	DATE	
FIELD CHANGES		SHT. NO.	TOT. SHT'S
		1	9

FILE NO.	231000	010	302400	020	389200	010	458000	030	554875	010	593150	010	660850	060	711550	030	873050	010
----------	--------	-----	--------	-----	--------	-----	--------	-----	--------	-----	--------	-----	--------	-----	--------	-----	--------	-----

FILE NO.	231000	010	302400	020	389200	010	458000	030	554875	010	593150	010	660850	060	711550	030	873050	010
----------	--------	-----	--------	-----	--------	-----	--------	-----	--------	-----	--------	-----	--------	-----	--------	-----	--------	-----

[illegible]

INDEX OF SHEETS

1	TITLE SHEET
2	PROJECT NOTES, INDEX MAP, LEGENDS AND INDEX OF SHEETS
3	TYPICAL SECTIONS & MISC. DETAILS
4-7	ADA RAMPS PLAN SHEETS
8	PLAN & PROFILE SHEET
9	TRAFFIC-SIGNAL MODIFICATION PLAN

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

109 (MODIFIED)	115	116	117
119	303A	303B	312

SPECIAL DRAWING I SPECIAL DRAWING II

SPECIAL DRAWING 135C

TO BE SUPPLEMENTED BY THE FOLLOWING CALTRANS STANDARD PLANS DATED 2015.

A20A	A20B	A24C	A24D
A24E	A24F	A85	A85A
A87A (MODIFIED)	RSP A88A	RSP A88B	
RSP T9	T13		

TO BE SUPPLEMENTED BY THE FOLLOWING CALTRANS STANDARD PLANS DATED 2018.

ES-5C	RSP ES-7A	RSP ES-7B
ES-8A	ES-8B	

CA MUTCD 2014

FIG. 2A-2(CA)	FIG. 2C-13(CA)
FIG. 6H-28	FIG. 6H-29

TO BE SUPPLEMENTED BY THE FOLLOWING STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION:

112-1

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

GENERAL NOTES

U. THE FACT THAT ANY UTILITY FACILITY IS SHOWN OR NOT SHOWN UPON THE PLANS SHALL NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY UNDER SECTION 8-1.10 "UTILITY AND NON-HIGHWAY FACILITIES," OF THE CALTRANS STANDARD SPECIFICATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY, PURSUANT THERETO, TO ASCERTAIN THE LOCATION OF ANY UTILITY FACILITY WHICH MAY BE SUBJECT TO DAMAGE BY REASON OF THE CONTRACTOR'S OPERATIONS.

- ALL STATIONING NOTES ON PLAN REFER TO THE CL SUR OF ROAD OR SIDE STREET.
- DIMENSIONS ARE SUBJECT TO TOLERANCES SPECIFIED IN THE CALTRANS STANDARD SPECIFICATIONS.
- ALL PAVEMENT WIDTH DIMENSIONS SHOWN ON THE PLANS ARE TO THE EDGE OF PAVEMENT OR TO THE TOP OF CURB, UNLESS OTHERWISE NOTED.
- TRANSITIONS AND WARPING SHALL BE AS SHOWN AND AS DETERMINED BY THE ENGINEER.
- ASPHALT CONCRETE OVERLAYS SHALL BE FEATHERED TO MEET EXISTING AS SHOWN ON THE PLANS OR AS DETERMINED BY THE ENGINEER.
- ALL TREES & VEGETATION OUTSIDE THE LIMITS OF EXCAVATION AND EMBANKMENT SLOPE LINES, SHALL BE PROTECTED IN PLACE.

BASIS OF BEARINGS:

NORTH LINE OF THE NE1/4 OF THE NE1/4 SECTION 9, T2S R6W. ALSO BEING THE CENTERLINE OF RIVERSIDE DRIVE FROM ROSWELL AVE TO PIPELINE AVE PER MB 318/1-2 BEING N89°59'45"E.

BENCH MARK:

ELEVATION DETERMINED FROM CORS CONTROL SITES. POINT #2 (RTK BASE) - SET SBDO S&W (RP) NAVD-88 ELEVATION = 876.210'

SAN BERNARDINO COUNTY TRAFFIC CONTROL GENERAL NOTES :

- ALL SIGNING, STRIPING AND PAVEMENT MARKINGS SHALL BE IN CONFORMANCE WITH THE CALIFORNIA MUTCD LATEST EDITION.
- ALL STRIPING AND PAVEMENT MARKINGS SHALL BE PAINTED IN CONFORMANCE WITH THE CALTRANS 2015 STANDARD PLANS (DATED OCTOBER 30, 2015).
- ALL STRIPING (LONG LINE) AND PAVEMENT MARKINGS SHALL BE RETRO-REFLECTIVE PAINT.
- ALL SIGNS SHALL BE OF HIGH INTENSITY (FHWA TYPE III/IV) RETRO-REFLECTIVE SHEETING EXCEPT:
 - "STOP" SIGNS SHALL BE DIAMOND GRADE (FHWA TYPE VII IN RURAL SETTINGS AND TYPE IX IN URBAN SETTINGS) RETRO-REFLECTIVE SHEETING.
 - "NO PARKING" SIGNS SHALL BE OF SUPER ENGINEERING GRADE (FHWA TYPE II) RETRO-REFLECTIVE SHEETING.
 - SCHOOL SIGNS SHALL BE OF DIAMOND GRADE (FHWA TYPE IX) FLUORESCENT YELLOW-GREEN (FYG) RETRO-REFLECTIVE SHEETING.
 - STREET NAME MARKERS SHALL BE OF DIAMOND GRADE (FHWA TYPE IX) RETRO-REFLECTIVE SHEETING AND CONFORM TO COUNTY STANDARD 303.
 - CONSTRUCTION SIGNS SHALL BE OF DIAMOND GRADE (FHWA TYPE IX) FLUORESCENT ORANGE RETRO-REFLECTIVE SHEETING.
- ALL DELINEATORS, CHANNELIZERS, AND OBJECT MARKERS SHALL BE OF (FHWA TYPE VII) RETRO-REFLECTIVE SHEETING.
- SIGNS SHALL BE MOUNTED ON METAL POSTS SIMILAR TO COUNTY STANDARDS 303(a) AND 303(b).
- ALL CONFLICTING STRIPING AND PAVEMENT MARKINGS NOT SHOWN ON PLANS SHALL BE REMOVED BY THE CONTRACTOR. REMOVAL SHALL BE ACCOMPLISHED BY SANDBLASTING, GRINDING, OR AS DIRECTED BY COUNTY REPRESENTATIVE.
- ALL CONFLICTING SIGNS SHALL BE REMOVED, RELOCATED, OR COVERED BY THE CONTRACTOR. RELOCATABLE SIGNS SHALL BE INSTALLED AS SPECIFIED ON THE PLANS OR AS DIRECTED BY COUNTY REPRESENTATIVE.
- ALL UNPROTECTED LOCATIONS RESULTING IN ISOLATED ABRUPT DEPRESSIONS OR ELEVATED OBJECTS (I.E. CATCH BASINS, HEADWALLS, POWER POLES, END TREATMENT OF ASPHALT DIKES AND CONCRETE CURBS) SHALL BE PROTECTED BY DELINEATORS OR BARRIERS PER THE CALIFORNIA MUTCD LATEST EDITION.
- ALL EXISTING SIGNING, STRIPING AND PAVEMENT MARKINGS (I.E. CROSS STREET STOP, STOP LIMIT LINE, AND CROSSWALK PAVEMENT MARKINGS) NOT SHOWN ON PLANS, IF REMOVED/OBLITERATED, SHALL BE REPLACED/RESTORED OF SAME KIND, AND IN CONFORMANCE WITH THE CALIFORNIA MUTCD LATEST EDITION.
- THE CONTRACTOR SHALL NOTIFY COUNTY REPRESENTATIVE TO SCHEDULE A FINAL REVIEW (WALK THROUGH) WITH TRAFFIC DIVISION PERSONNEL FOR APPROVAL OF TRAFFIC CONTROL DEVICES PRIOR TO PROJECT ACCEPTANCE.

ABBREVIATIONS LEGEND:

AB	=	AGGREGATE BASE
AC	=	ASPHALT CONCRETE
BEG	=	BEGINNING
CL	=	CENTER LINE
D/W	=	DRIVEWAY
EL	=	ELEVATION
EP	=	EDGE OF PAVEMENT
EXIST	=	EXISTING
FL	=	FLOW LINE
GB	=	GRADE BREAK
GRD	=	GROUND
I.D.	=	INTERNAL DIMENSION
IMP	=	IMPROVEMENT
NTS	=	NOT TO SCALE
OG	=	ORIGINAL GROUND
R/W	=	RIGHT-OF-WAY
SUR	=	SURVEY
SHT	=	SHEET
SPEC DWG	=	SPECIAL DRAWING
STA	=	STATION
THK	=	THICKNESS

CONSTRUCTION & UNDERGROUND UTILITY LEGEND

	ASPHALT CONCRETE PAVEMENT
	PORTLAND CEMENT CONCRETE (SECTION)
	PORTLAND CEMENT CONCRETE (PLAN)
	ASPHALT CONCRETE COLD PLANE
	DETECTABLE WARNING SURFACE

CONSTRUCTION NOTES:

- UTILITIES TO BE RELOCATED BY OTHERS (SEE NOTE U. OF GENERAL NOTES ON THIS SHEET)
- COLD PLANE (0.20' THK) EXISTING ASPHALT CONCRETE PAVEMENT AND PLACE (0.20' THK) ASPHALT CONCRETE OVERLAY, 2' WIDE MINIMUM
- SAWCUT & REMOVE EXISTING ASPHALT CONCRETE SURFACING
- SAWCUT & REMOVE EXISTING CONCRETE
- PROTECT IN PLACE
- PLACE 0.60' ASPHALT CONCRETE (TYPEA) OVER COMPACTED NATIVE SOIL
- CONSTRUCT 8" CURB & GUTTER PER COUNTY STD 115 AND DETAIL A AS SHOWN ON SHEET 3
- CONSTRUCT 6" CURB & GUTTER PER COUNTY STD 116 AND DETAIL A AS SHOWN ON SHEET 3
- REMOVE CONCRETE CURB AND GUTTER
- REMOVE CONCRETE CURB
- CONSTRUCT RAMP PER CALTRANS RSP AB8A (MODIFIED), CASE A
- CONSTRUCT RAMP PER CALTRANS RSP AB8A (MODIFIED), CASE C
- CONSTRUCT RAMP PER CALTRANS RSP AB8A (MODIFIED), CASE F
- CONSTRUCT RAMP PER CALTRANS RSP AB8A (MODIFIED), CASE G
- CONSTRUCT RAMP PER CALTRANS RSP AB8B, CASE CH
- PLACE DETECTABLE WARNING SURFACE PER CALTRANS RSP AB8A (MODIFIED)
- CONSTRUCT SPANDREL AND/OR CROSS GUTTER PER COUNTY STD 119 AND DETAIL B AS SHOWN ON SHEET 3
- CONSTRUCT CONCRETE SIDEWALK PER COUNTY STD 109 TYPE D (MODIFIED)
- CONSTRUCT 8" CURB ONLY PER CALTRANS STD AB7A (MODIFIED), TYPE A1-8 AND DETAIL C AS SHOWN ON SHEET 3
- CONSTRUCT CURB TRANSITION PER SPECIAL DRAWING I
- CONSTRUCT 2' MIN SIDEWALK TRANSITION (1.5% TO EXISTING SLOPE)
- CONSTRUCT 6" WIDE VARIABLE HEIGHT (6" MIN) CONCRETE RETAINING CURB PER CALTRANS STD AB7A (MODIFIED), TYPE A1 CURBS
- CONSTRUCT D/W PER SPECIAL DRAWING 135C
- PLACE AC DIKE PER COUNTY STD 117
- RELOCATE WROUGHT IRON FENCE AND GATE
- REMOVE AND REPLACE MAILBOXES IN KIND PER COUNTY STD 312
- CONSTRUCT ROLL CURB PER CALTRANS AB7A, TYPE E (MODIFIED)
- PLACE 0.90' ASPHALT CONCRETE (TYPEA) OVER COMPACTED NATIVE SOIL
- PLACE 0.70' ASPHALT CONCRETE (TYPEA) OVER COMPACTED NATIVE SOIL
- CONSTRUCT GROUTED ROCK TREATMENT PER SPECIAL DRAWING II
- REMOVE EXIST SPRINKLER SYSTEM AND REPLACE IN KIND
- ADJUST TO GRADE
- TRANSPLANT TREES AND/OR PLANTS TO NEW LOCATION
- REMOVE AND RECONSTRUCT BLOCK WALL AND COLUMN IN KIND
- EXCAVATE & REMOVE 2' BELOW FINISHED GRADE. PLACE BORROWED 1.35' AND COMPACT 95%.
- REMOVE AND DISPOSE CHAIN LINK FENCE AND WOOD FENCE
- PLACE NEW CHAIN LINK FENCE (CL-S) PER CALTRANS STD A85 & A85A
- PLACE WOOD FENCE IN KIND
- REMOVE AC DIKE
- PLACE 0.35' TYPE A, 1/2" AGGREGATE GRADATION, PG70-10 (HMA). APPLY PRIME COAT. OVER 0.35' CLASS 2 AGGREGATE BASE.
- PLACE ASPHALT PAVEMENT 4" THK TYPE A.

TRAFFIC SIGNING AND STRIPING NOTES:

- PROTECT IN PLACE EXISTING SIGN(S), STRIPING, DELINEATOR, OBJECT MARKER OR PAVEMENT MARKING(S)
- PAINT 12-INCH SOLID WHITE CROSSWALK LINE PER THE CALTRANS 2015 STANDARD PLAN A24F
- PAINT 12-INCH SOLID YELLOW CROSSWALK LINE PER THE CALTRANS 2015 STANDARD PLAN A24F
- PAINT 12-INCH SOLID WHITE LIMIT LINE PER THE CALTRANS 2015 STANDARD PLAN A24E
- PAINT 4-INCH SOLID WHITE EDGE LINE PER THE CALTRANS 2015 STANDARD PLAN A20B, DETAIL 27B
- PAINT PAVEMENT MARKINGS PER THE CALTRANS 2015 STANDARD PLANS A24C OR A24D
- RELOCATE EXISTING OBJECT MARKER(S) OR SIGN(S) AS SHOWN ON PLAN AND PER THE CALIFORNIA MUTCD 2014 FIGURES 2A-2(CA) AND 2C-13(CA)
- REMOVE PAVEMENT MARKINGS AND/OR STRIPINGS
- RESET EXISTING OBJECT MARKER(S) OR SIGN(S) AS SHOWN ON PLAN AND PER THE CALIFORNIA MUTCD 2014 FIGURES 2A-2(CA) AND 2C-13(CA)
- PAINT DOUBLE YELLOW STRIPE OVER EXISTING PASSING STRIPE PER THE CALTRANS 2015 STANDARD PLAN RSP A20A, DETAIL 21.

	RAMP LOCATION:	QUADRANT:	NO. OF RAMPS	SHEET:
1	GRAND AVE @ CHICO AVE	NW	1	4
2	GRAND AVE @ ROSWELL AVE	NW, SW, & SE	3	4
3	GRAND AVE @ KADOTA AVE	NE	1	4
4	GRAND AVE @ PIPELINE AVE	NE, SW, & SE	3	5
5	GRAND AVE @ WESLEY AVE	NW, SW, & SE	3	5
6	GRAND AVE @ DORSET AVE	NW & NE	2	6
7	NINTH AVE @ KADOTA AVE	NW, NE, & SE	3	6
8	NINTH AVE @ ROSWELL AVE	NW, NE, & SW	3	6
9	NINTH AVE @ CHICO AVE	SW	1	7
10	MISSION BLVD @ ROSWELL AVE	SW & SE	2	7
11	MISSION BLVD @ KADOTA AVE	SW & SE	2	7
12	MISSION BLVD @ PIPELINE AVE	SW & SE	2	7
	SIDEWALK IMPROVEMENT	N/A	0	8

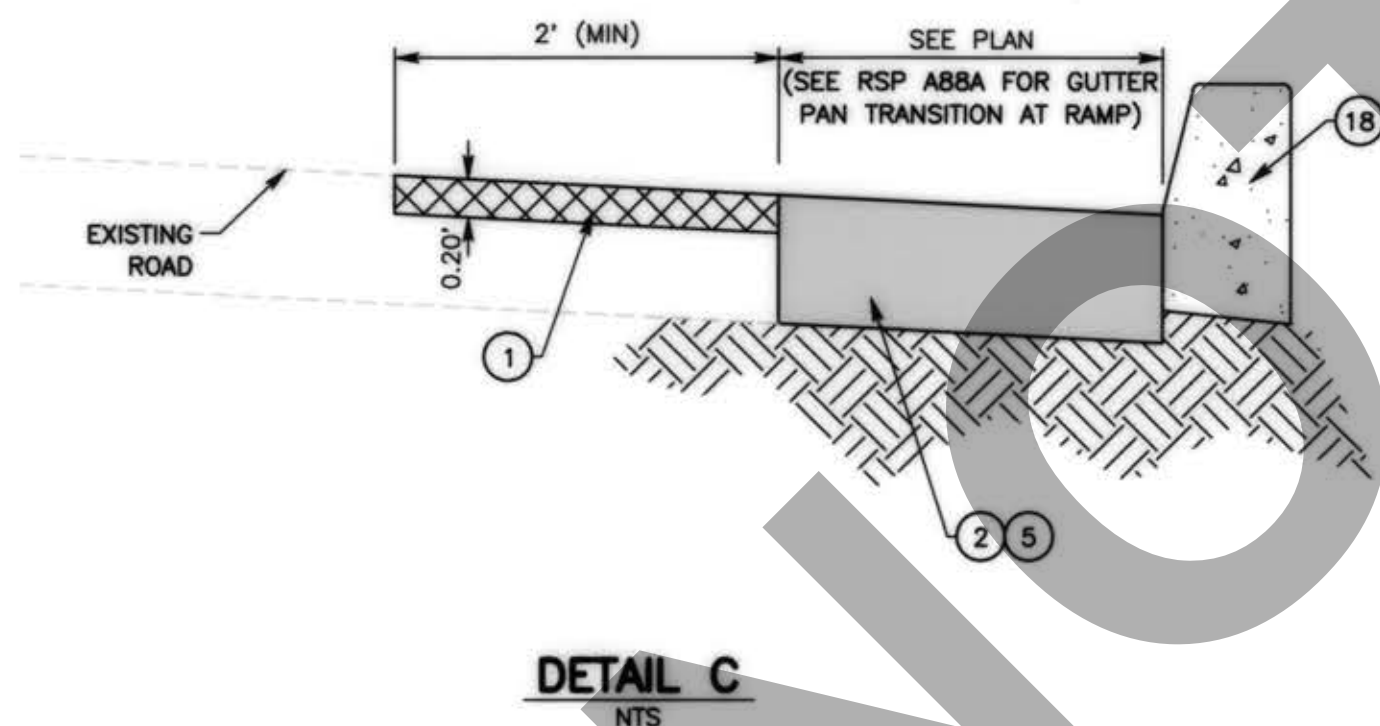
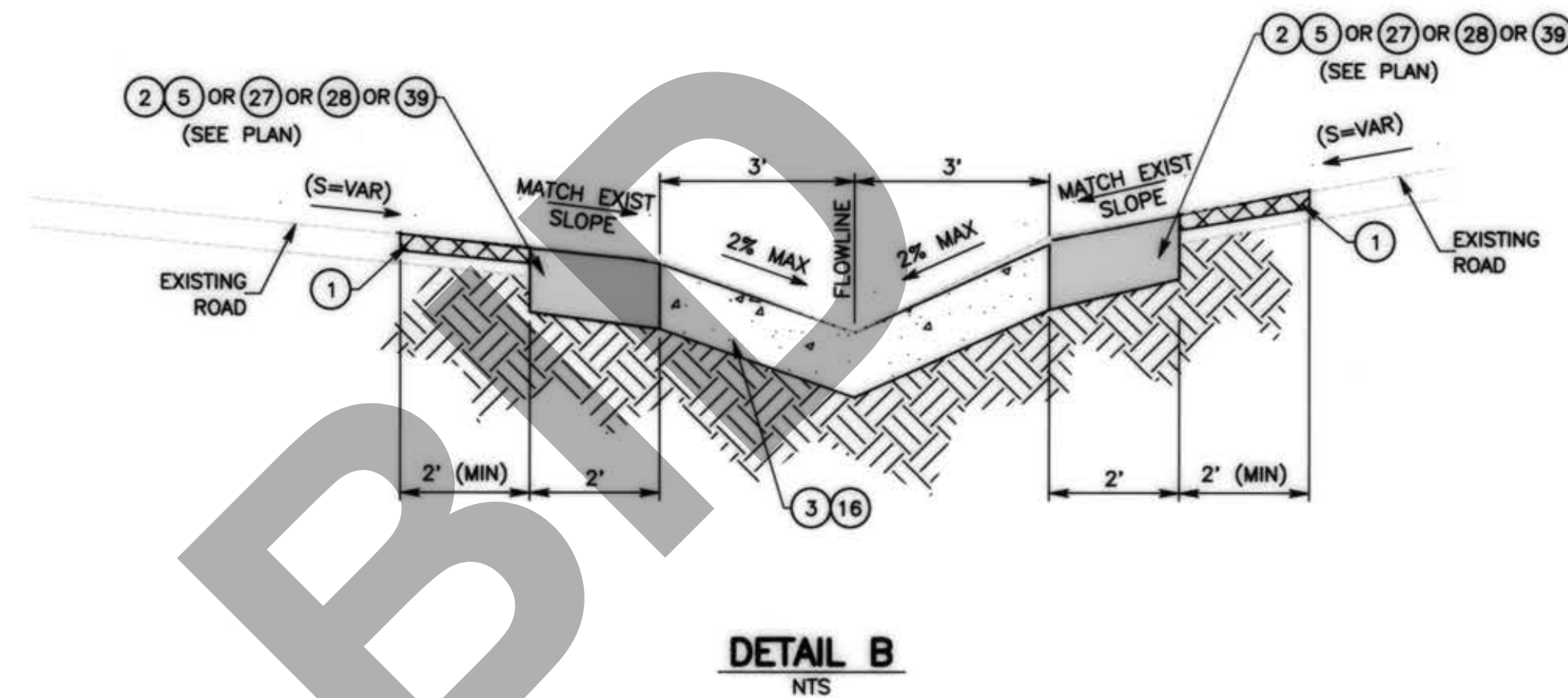
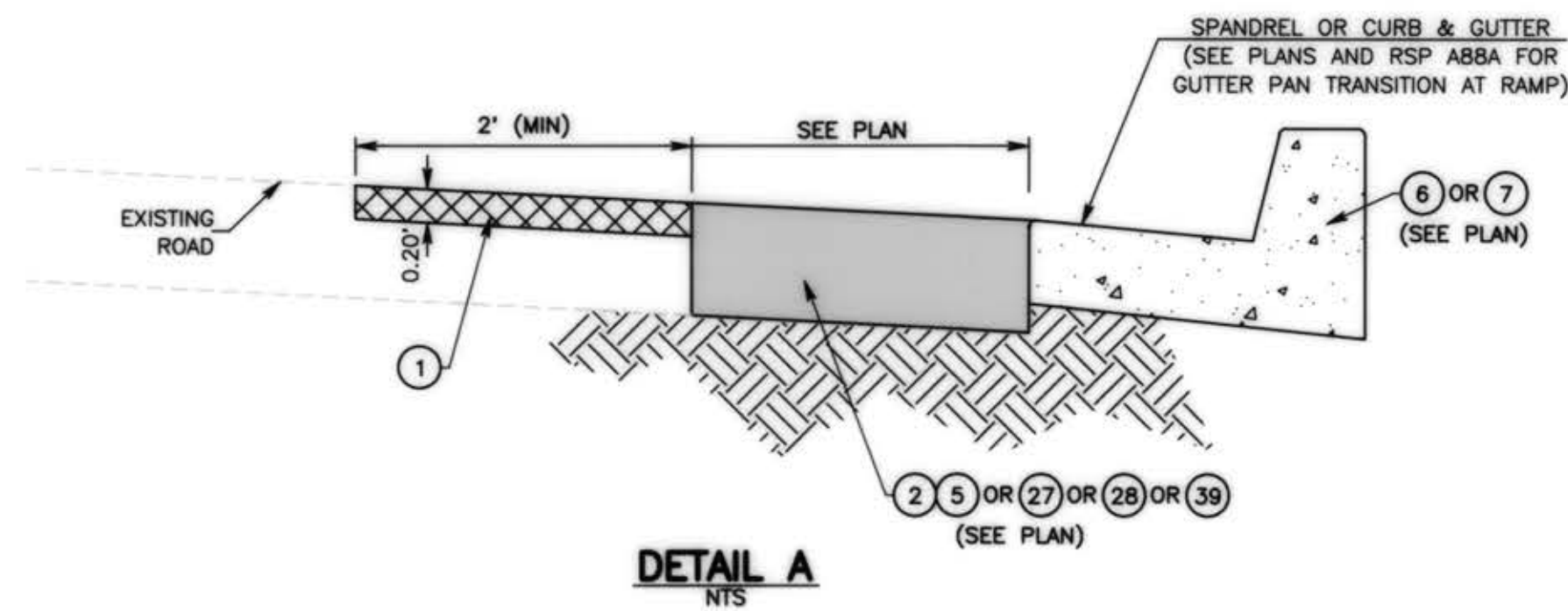
* ALL - INDICATES RAMPS AT NW, NE, SW, & SE TOTAL: 26

COUNTY OF SAN BERNARDINO DEPARTMENT OF PUBLIC WORKS				MONTCLAIR ADA RAMP PLAN-ADA RAMP MONTCLAIR AREA			
DESIGNED BY: SB	DRAWN BY: IRU/AA	CHECKED BY: DJ	RECOMMENDED BY: MERIAT N. MIKHAILI-FE TRANSPORTATION DESIGN DIVISION CHIEF 10/31/19	APPROVED BY: ELOY RUVALCABA, P.E. DEPUTY DIRECTOR 11-1-2019			
FIELD CHANGES MARK CHANGES NO CHANGES RESIDENT ENGINEER DATE				J.L. REF. W.O. NO. PLAN SCALE SHT. NO. TOT. SHTS. JL11668 H14980 NTS 2 9			

FILE NO. 231000 010 231000 010 302400 020 389200 010 458000 030 554875 010 593150 010 660850 060 711550 030 873050 010

FILE NO. 231000 010 302400 020 389200 010 458000 030 554875 010 593150 010 660850 060 711550 030 873050 010

FILE NO. 231000 010 302400 020 389200 010 458000 030 554875 010 593150 010 660850 060 711550 030 873050 010



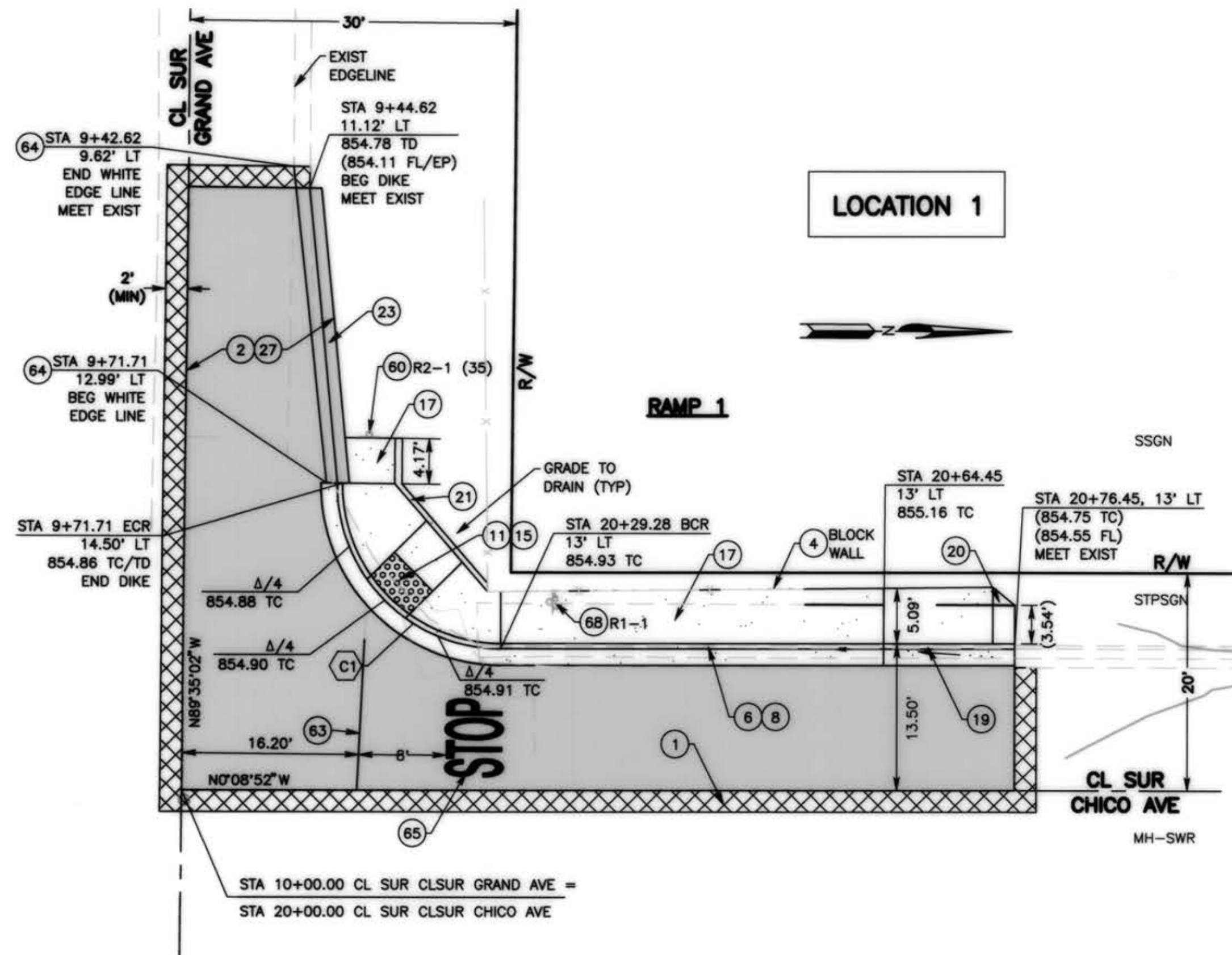
- CONSTRUCTION NOTES:
1. COLD PLANE (0.20' THK) EXISTING ASPHALT CONCRETE PAVEMENT AND PLACE (0.20' THK) ASPHALT CONCRETE OVERLAY, 2' WIDE MINIMUM
 2. SAWCUT & REMOVE EXISTING ASPHALT CONCRETE SURFACING
 3. SAWCUT & REMOVE EXISTING CONCRETE
 5. PLACE 0.60' ASPHALT CONCRETE (TYPE A) OVER COMPACTED NATIVE SOIL
 6. CONSTRUCT 8" CURB & GUTTER PER COUNTY STD 115 AND DETAIL A AS SHOWN ON SHEET 3
 7. CONSTRUCT 6" CURB & GUTTER PER COUNTY STD 116 AND DETAIL A AS SHOWN ON SHEET 3
 16. CONSTRUCT SPANDREL AND/OR CROSS GUTTER PER COUNTY STD 119 AND DETAIL B AS SHOWN ON SHEET 3
 18. CONSTRUCT 8" CURB ONLY PER CALTRANS STD A87A (MODIFIED), TYPE A1-B AND DETAIL C AS SHOWN ON SHEET 3
 27. PLACE 0.90' ASPHALT CONCRETE (TYPE A) OVER COMPACTED NATIVE SOIL
 28. PLACE 0.70' ASPHALT CONCRETE (TYPE A) OVER COMPACTED NATIVE SOIL
 39. PLACE 0.35' TYPE A, 1/2" AGGREGATE GRADATION, PG70-10 (HMA). APPLY PRIME COAT. OVER 0.35' CLASS 2 AGGREGATE BASE.

MARK		CHANGES		RESIDENT ENGINEER		DATE	
NO CHANGES							
FIELD CHANGES							

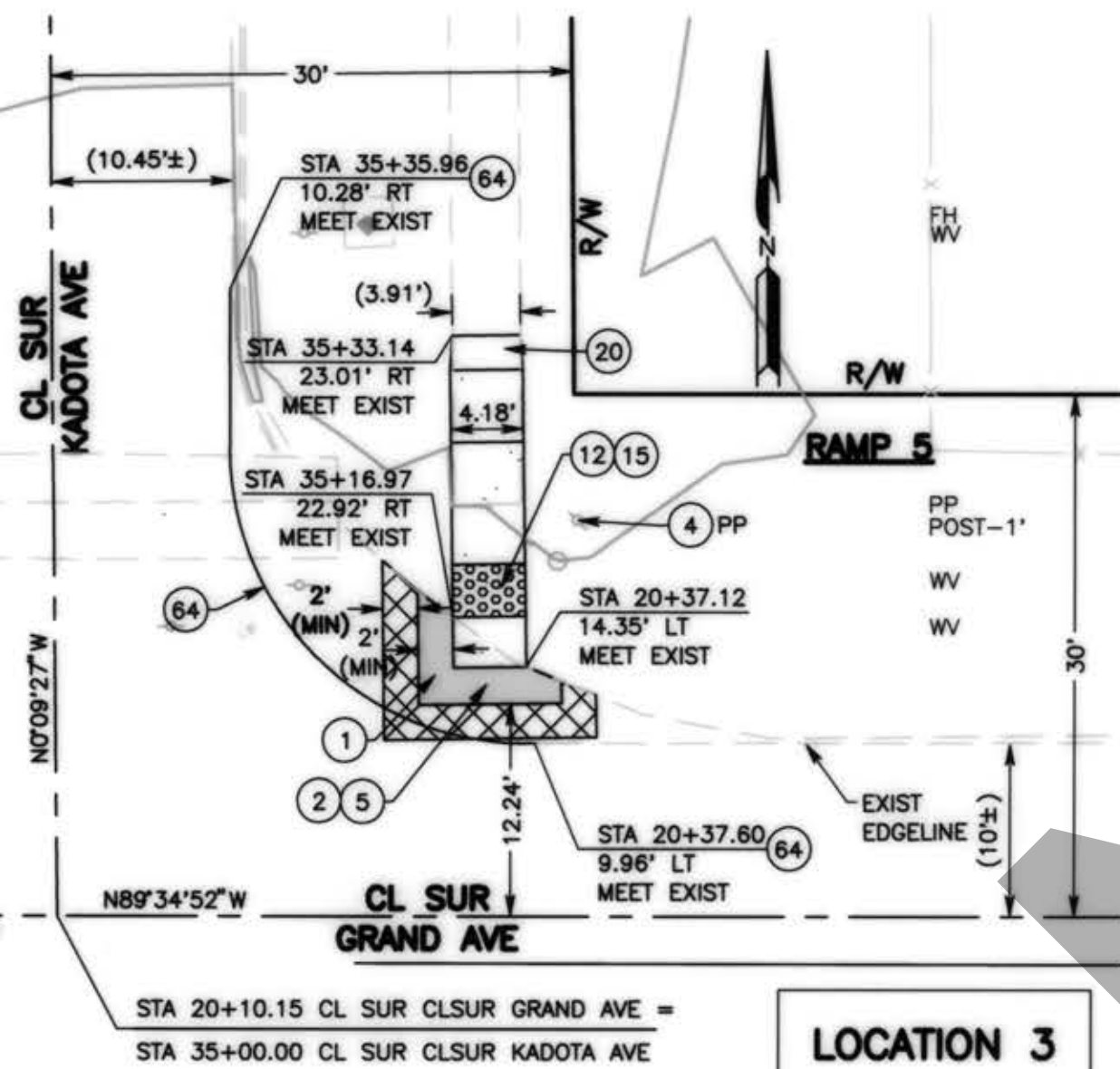
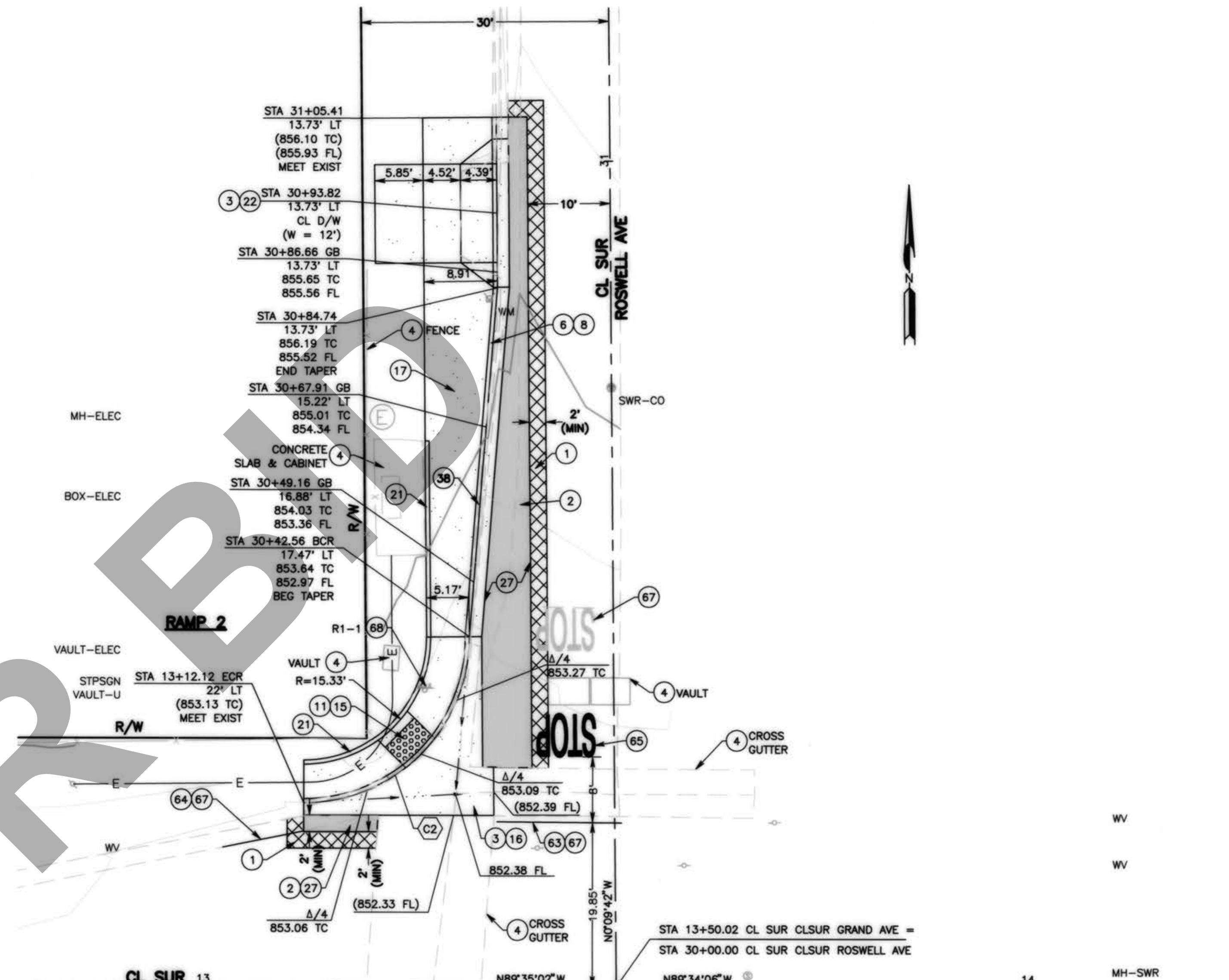
DESIGNED BY: SB		DRAWN BY: JRU/AA		CHECKED BY: DJ		RECOMMENDED BY: 10/31/19	
ELOY RUVALCABA, P.E.		MAZIN KASEY, P.E.		TRANSPORTATION DESIGN DIVISION CHIEF		DATE	
DESIGN ENGINEER		DEPUTY DIRECTOR					

J.L. REF. JL11668		W.O. NO. H14980		PLAN SCALE NTS		SHT. NO. 3		TOT. SHT'S. 9	
-------------------	--	-----------------	--	----------------	--	------------	--	---------------	--

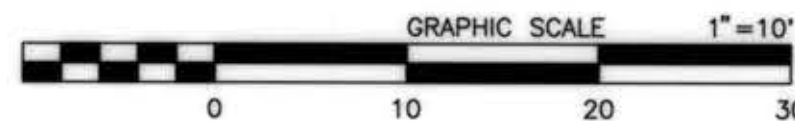
FILE NO. 231000 010 302400 020 389200 010 458000 030 554875 010 593150 010 660850 060 711550 030 873050 010



CURB RETURN DATA:				
Δ	R	L	T	
C1	90°33'50"	15'	23.71'	15.15'
C2	90°34'40"	20'	31.62'	20.20'
C3	90°00'00"	20'	31.42'	20.00'
C4	90°01'00"	20'	31.42'	20.01'



- CONSTRUCTION NOTES:
1. COLD PLANE (0.20' THK) EXISTING ASPHALT CONCRETE PAVEMENT AND PLACE (0.20' THK) ASPHALT CONCRETE OVERLAY, 2" WIDE MINIMUM
 2. SAWCUT & REMOVE EXISTING ASPHALT CONCRETE SURFACING
 3. SAWCUT & REMOVE EXISTING CONCRETE
 4. PROTECT IN PLACE
 5. PLACE 0.60' ASPHALT CONCRETE (TYPE A) OVER COMPACTED NATIVE SOIL
 6. CONSTRUCT 6" CURB & GUTTER PER COUNTY STD 115 AND DETAIL A AS SHOWN ON SHEET 3
 7. CONSTRUCT 6" CURB & GUTTER PER COUNTY STD 116 AND DETAIL A AS SHOWN ON SHEET 3
 8. REMOVE CONCRETE CURB AND GUTTER
 9. CONSTRUCT RAMP PER CALTRANS RSP AB8A (MODIFIED), CASE C
 10. CONSTRUCT RAMP PER CALTRANS RSP AB8A (MODIFIED), CASE F
 11. PLACE DETECTABLE WARNING SURFACE PER CALTRANS RSP AB8A (MODIFIED)
 12. CONSTRUCT SPANDREL AND/OR CROSS GUTTER PER COUNTY STD 119 AND DETAIL B AS SHOWN ON SHEET 3
 13. CONSTRUCT CONCRETE SIDEWALK PER COUNTY STD 109 TYPE D (MODIFIED)
 14. CONSTRUCT CURB TRANSITION PER SPECIAL DRAWING I
 15. CONSTRUCT 2' MIN SIDEWALK TRANSITION (1.5% TO EXISTING SLOPE)
 16. CONSTRUCT 6" WIDE VARIABLE HEIGHT (6" MIN) CONCRETE RETAINING CURB PER CALTRANS STD AB7A (MODIFIED), TYPE A1 CURBS
 17. CONSTRUCT D/W PER SPECIAL DRAWING 135C
 18. PLACE AC DIKE PER COUNTY STD 117
 19. PLACE 0.90' ASPHALT CONCRETE (TYPE A) OVER COMPACTED NATIVE SOIL
 20. ADJUST TO GRADE
 21. REMOVE AC DIKE
- TRAFFIC SIGNING AND STRIPING NOTES:
1. PROTECT IN PLACE EXISTING SIGN(S), STRIPING, DELINEATOR, OBJECT MARKER OR PAVEMENT MARKING(S)
 2. PAINT 12-INCH SOLID WHITE LIMIT LINE PER THE CALTRANS 2015 STANDARD PLAN A24E
 3. PAINT 4-INCH SOLID WHITE EDGE LINE PER THE CALTRANS 2015 STANDARD PLAN A20B, DETAIL 27B
 4. PAINT PAVEMENT MARKINGS PER THE CALTRANS 2015 STANDARD PLANS A24C OR A24D
 5. RELOCATE EXISTING OBJECT MARKER(S) OR SIGN(S) AS SHOWN ON PLAN AND PER THE CALIFORNIA MUTCD 2014 FIGURES 2A-2(CA) AND 2C-13(CA)
 6. REMOVE PAVEMENT MARKINGS AND/OR STRIPINGS
 7. RESET EXISTING OBJECT MARKER(S) OR SIGN(S) AS SHOWN ON PLAN AND PER THE CALIFORNIA MUTCD 2014 FIGURES 2A-2(CA) AND 2C-13(CA)



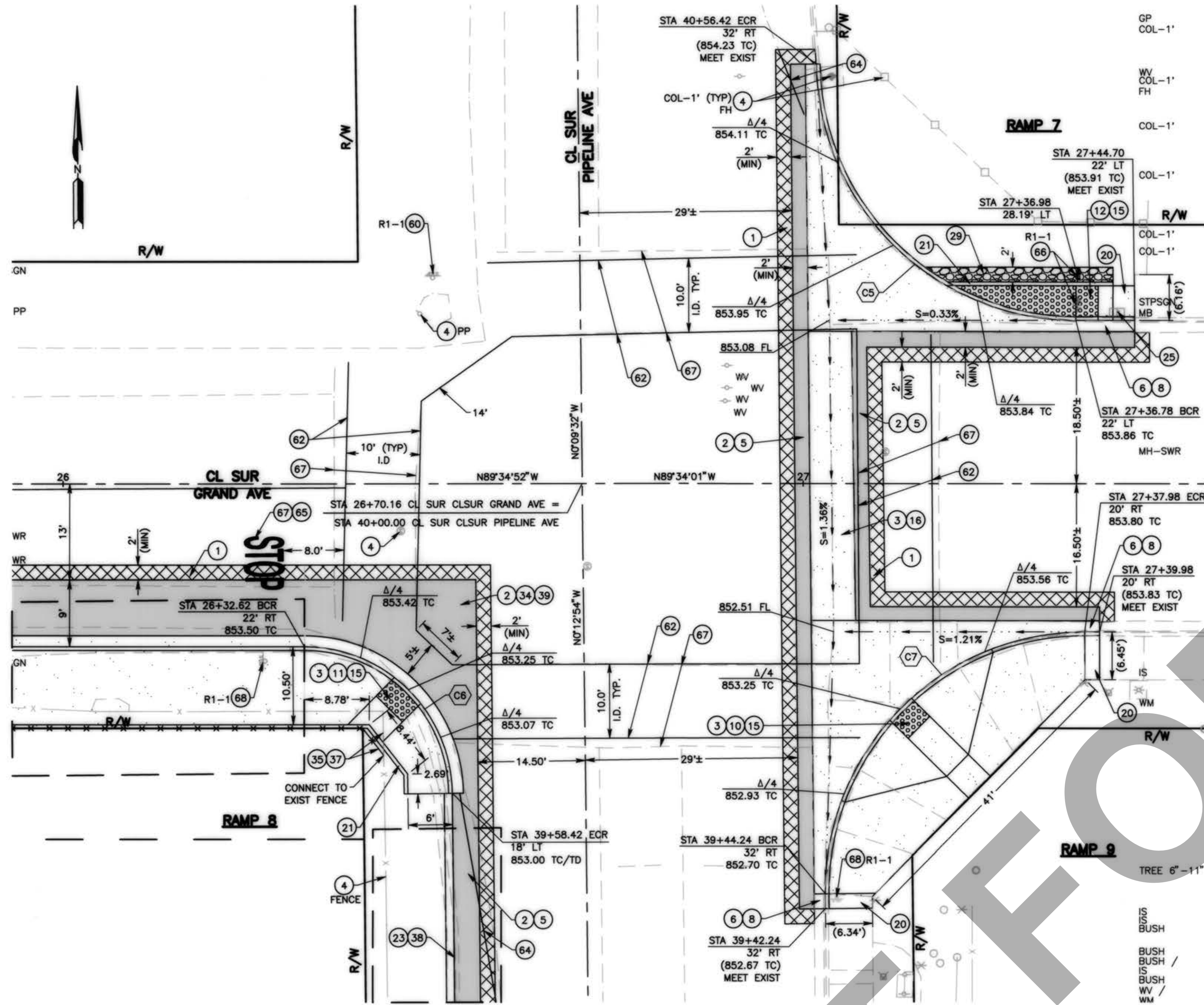
MARK	CHANGES	RESIDENT ENGINEER	DATE
	NO CHANGES		

FIELD CHANGES

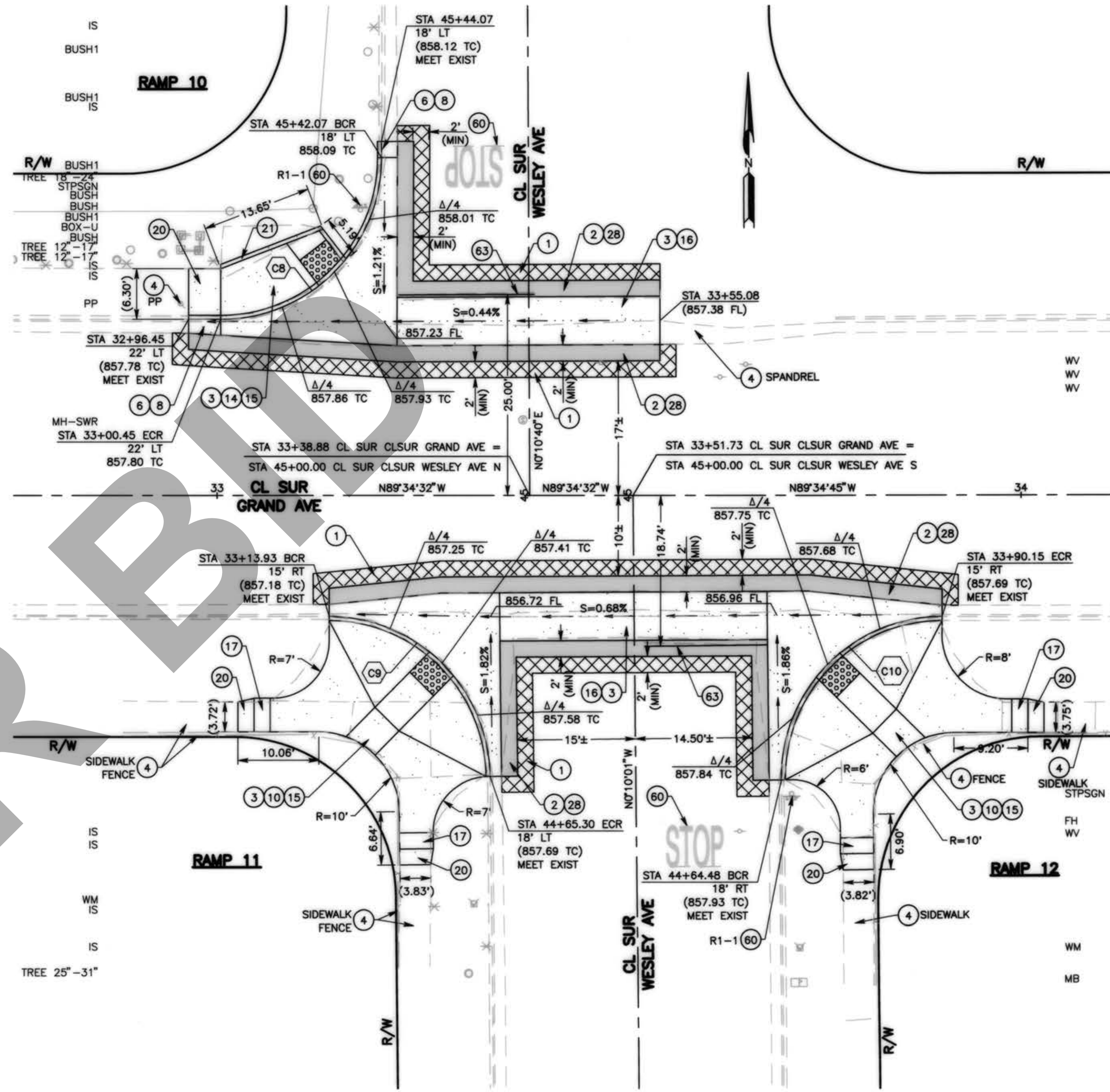


COUNTY OF SAN BERNARDINO DEPARTMENT OF PUBLIC WORKS			
DESIGNED BY: SB	DRAWN BY: JRU/AA	CHECKED BY: DJ	RECOMMENDED BY: [Signature] 10/31/19
APPROVED BY: Eloy Rivalcaba, P.E. 10-31-19		APPROVED BY: [Signature] 11-1-2019	

MONTCLAIR ADA RAMP				
PLAN-ADA RAMP				
MONTCLAIR AREA				
J.L. REF.	W.O. NO.	PLAN SCALE	SHT. NO.	TOT. SHTS.
JL11668	H14980	1"=10'	4	9



LOCATION 4

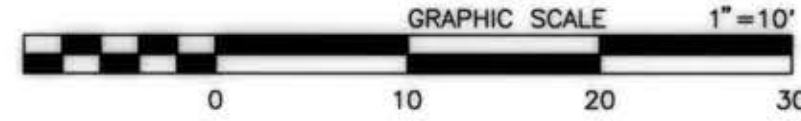


LOCATION 5

TRAFFIC CONSTRUCTION NOTES:
THE CONTRACTOR SHALL REMOVE ANY CONFLICTING TRAFFIC STRIPING AND/OR PAINT ANY NECESSARY EXTENSION TO EXISTING CENTERLINE STRIPES, LANE LINE STRIPES, CHANNELIZING LINES CAUSED BY REALIGNMENT OF CROSSWALKS AS SHOWN ON PLAN AND/OR AS DIRECTED BY THE ENGINEER.

CURB RETURN DATA:				
Δ	R	L	T	
C5	89°24'30"	35'	54.62'	34.64'
C6	89°21'58"	20'	31.19'	19.78'
C7	90°38'53"	35'	55.37'	35.40'
C8	90°14'48"	20'	31.50'	20.09'
C9	89°24'32"	20'	31.21'	19.79'
C10	90°35'15"	20'	31.62'	20.21'

- CONSTRUCTION NOTES:
- UTILITIES TO BE RESET BY OTHERS (SEE NOTE U. OF GENERAL NOTES ON SHEET 2)
 - COLD PLANE (0.20" THK) EXISTING ASPHALT CONCRETE PAVEMENT AND PLACE (0.20" THK) ASPHALT CONCRETE OVERLAY, 2' WIDE MINIMUM
 - SAWCUT & REMOVE EXISTING ASPHALT CONCRETE SURFACING
 - SAWCUT & REMOVE EXISTING CONCRETE
 - PROTECT IN PLACE
 - PLACE 0.60' ASPHALT CONCRETE (TYPE A) OVER COMPACTED NATIVE SOIL
 - CONSTRUCT 6" CURB & GUTTER PER COUNTY STD 115 (MODIFIED) AND DETAIL A AS SHOWN ON SHEET 3
 - REMOVE CONCRETE CURB AND GUTTER
 - CONSTRUCT RAMP PER CALTRANS RSP AB8A (MODIFIED), CASE A
 - CONSTRUCT RAMP PER CALTRANS RSP AB8A (MODIFIED), CASE C
 - CONSTRUCT RAMP PER CALTRANS RSP AB8A (MODIFIED), CASE F
 - CONSTRUCT RAMP PER CALTRANS RSP AB8B, CASE CH
 - PLACE DETECTABLE WARNING SURFACE PER CALTRANS RSP AB8A (MODIFIED)
 - CONSTRUCT SPANDREL AND/OR CROSS GUTTER PER COUNTY STD 119 (MODIFIED) AND DETAIL B AS SHOWN ON SHEET 3
 - CONSTRUCT CONCRETE SIDEWALK PER COUNTY STD 109 TYPE D (MODIFIED)
 - CONSTRUCT 2' MIN SIDEWALK TRANSITION (1.5% TO EXISTING SLOPE)
 - CONSTRUCT 6" WIDE VARIABLE HEIGHT (6" MIN) CONCRETE RETAINING CURB PER CALTRANS STD AB7A (MODIFIED), TYPE A1 CURBS
 - REMOVE AND REPLACE MAILBOXES IN KIND PER COUNTY STD 312
 - PLACE 0.70' ASPHALT CONCRETE (TYPE A) OVER COMPACTED NATIVE SOIL
 - CONSTRUCT GROUTED ROCK TREATMENT PER SPECIAL DRAWING II
 - EXCAVATE & REMOVE 2' BELOW FINISHED GRADE. PLACE BORROWED 1.35' AND COMPACT 95%.
 - REMOVE AND DISPOSE CHAIN LINK FENCE AND WOOD FENCE
 - PLACE WOOD FENCE IN KIND
 - PLACE 0.35' TYPE A, 1/2" AGGREGATE GRADATION, PG70-10 (HMA). APPLY PRIME COAT. OVER 0.35' CLASS 2 AGGREGATE BASE.
- TRAFFIC SIGNING AND STRIPING NOTES:
- PROTECT IN PLACE EXISTING SIGN(S), STRIPING, DELINEATOR, OBJECT MARKER OR PAVEMENT MARKING(S)
 - PAINT 12-INCH SOLID YELLOW CROSSWALK LINE PER THE CALTRANS 2015 STANDARD PLAN A24F
 - PAINT 12-INCH SOLID WHITE LIMIT LINE PER THE CALTRANS 2015 STANDARD PLAN A24E
 - PAINT 4-INCH SOLID WHITE EDGE LINE PER THE CALTRANS 2015 STANDARD PLAN A20B, DETAIL 27B
 - PAINT PAVEMENT MARKINGS PER THE CALTRANS 2015 STANDARD PLANS A24C OR A24D
 - RELOCATE EXISTING OBJECT MARKER(S) OR SIGN(S) AS SHOWN ON PLAN AND PER THE CALIFORNIA MUTCD 2014 FIGURES 2A-2(CA) AND 2C-13(CA)
 - REMOVE PAVEMENT MARKINGS AND/OR STRIPINGS.
 - RESET EXISTING OBJECT MARKER(S) OR SIGN(S) AS SHOWN ON PLAN AND PER THE CALIFORNIA MUTCD 2014 FIGURES 2A-2(CA) AND 2C-13(CA)



FIELD CHANGES			COUNTY OF SAN BERNARDINO DEPARTMENT OF PUBLIC WORKS		MONTCLAIR ADA RAMP PLAN-ADA RAMP MONTCLAIR AREA	
MARK	CHANGES		DESIGNED BY: SB	DRAWN BY: JRU/AA	CHECKED BY: DJ	RECOMMENDED BY: [Signature] 10/31/19
RESIDENT ENGINEER: [Signature] DATE: [Blank]		DESIGN ENGINEER: ELOY RUVALCABA, P.E. DATE: 10-31-19		TRANSPORTATION DESIGN DIVISION CHIEF: [Signature] DATE: 11-1-19		
		J.L. REF. JL1166B	W.O. NO. H14980	PLAN SCALE 1"=10'	SHT. NO. 5	TOT. SHTS. 9



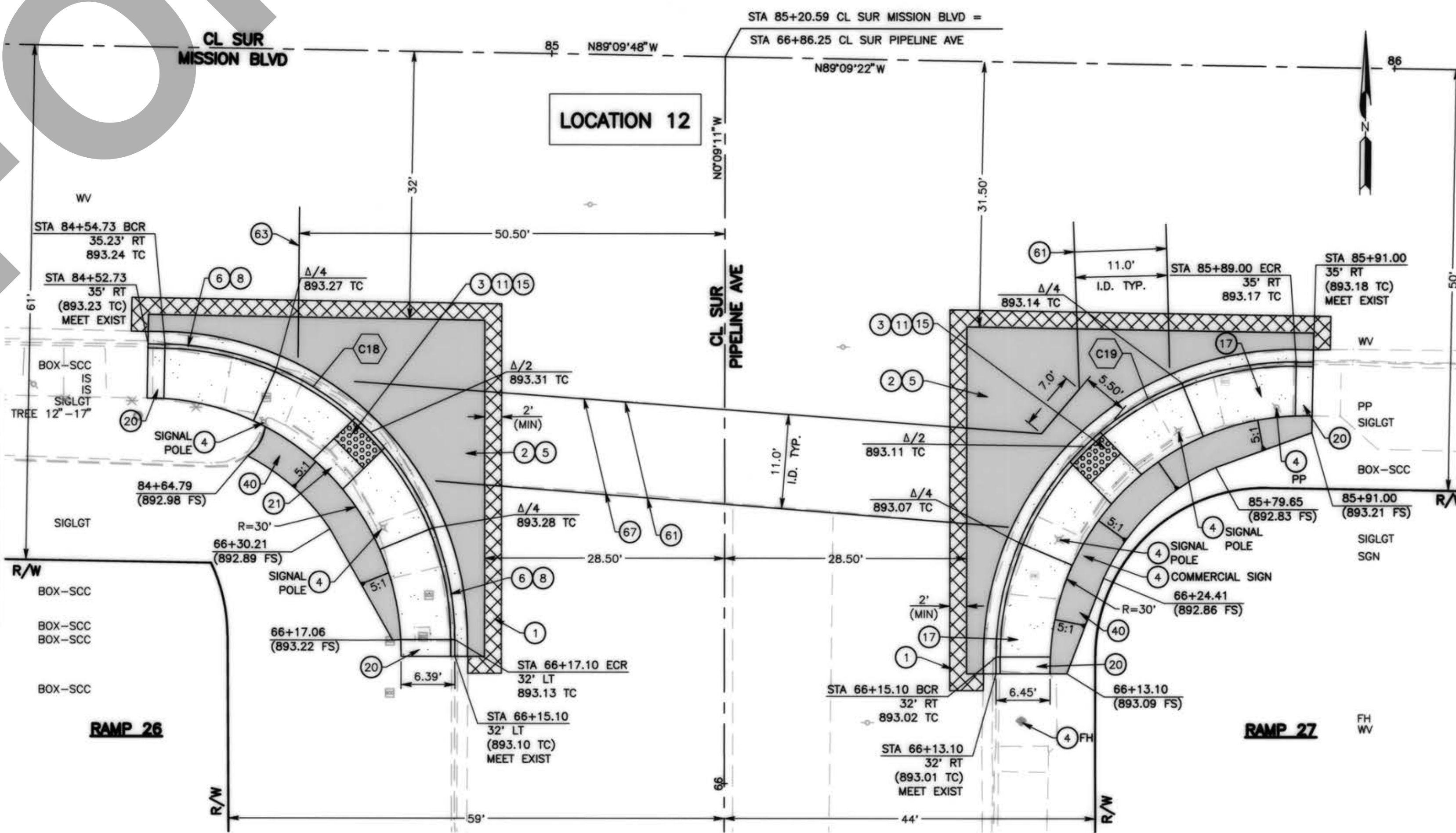
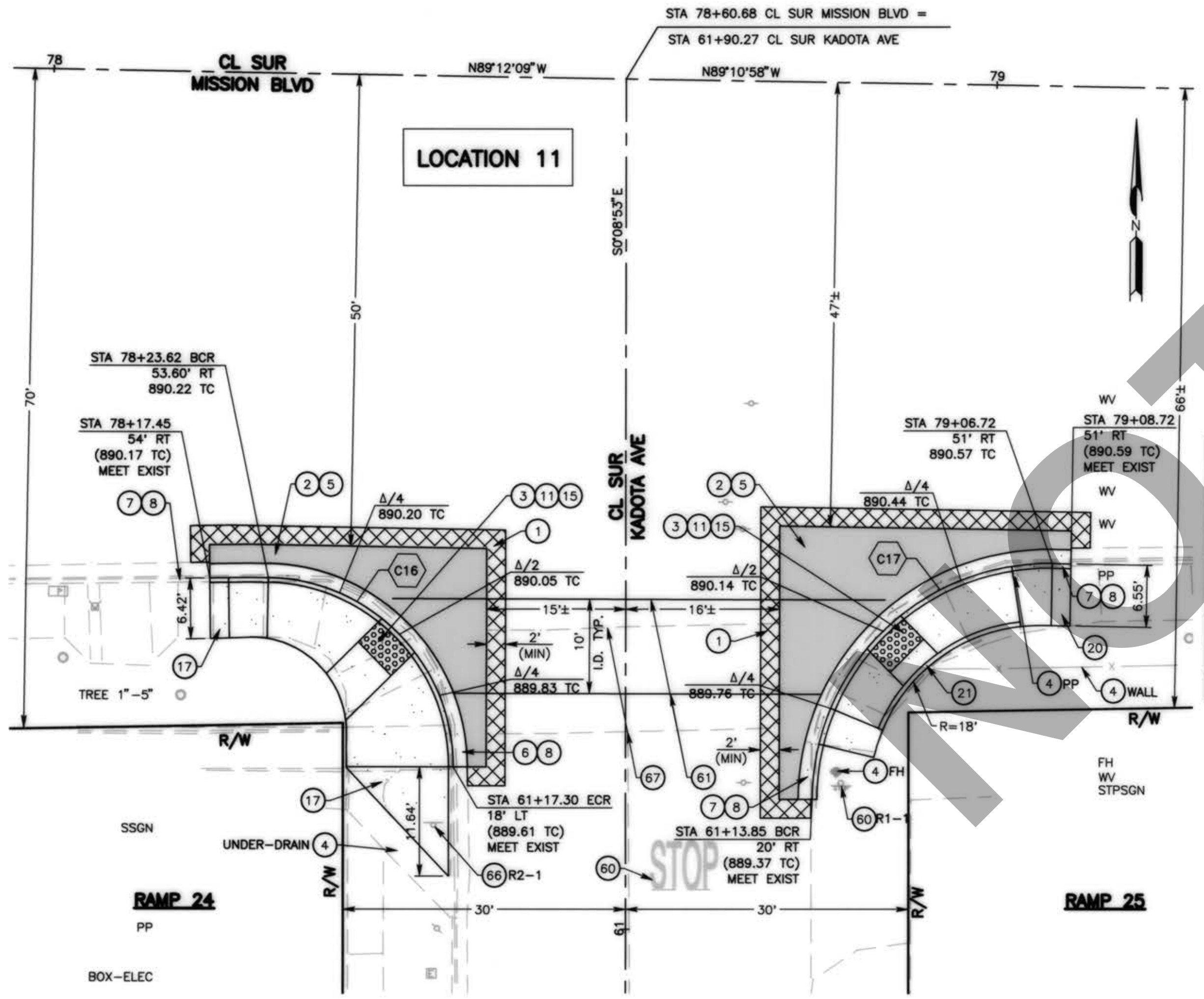
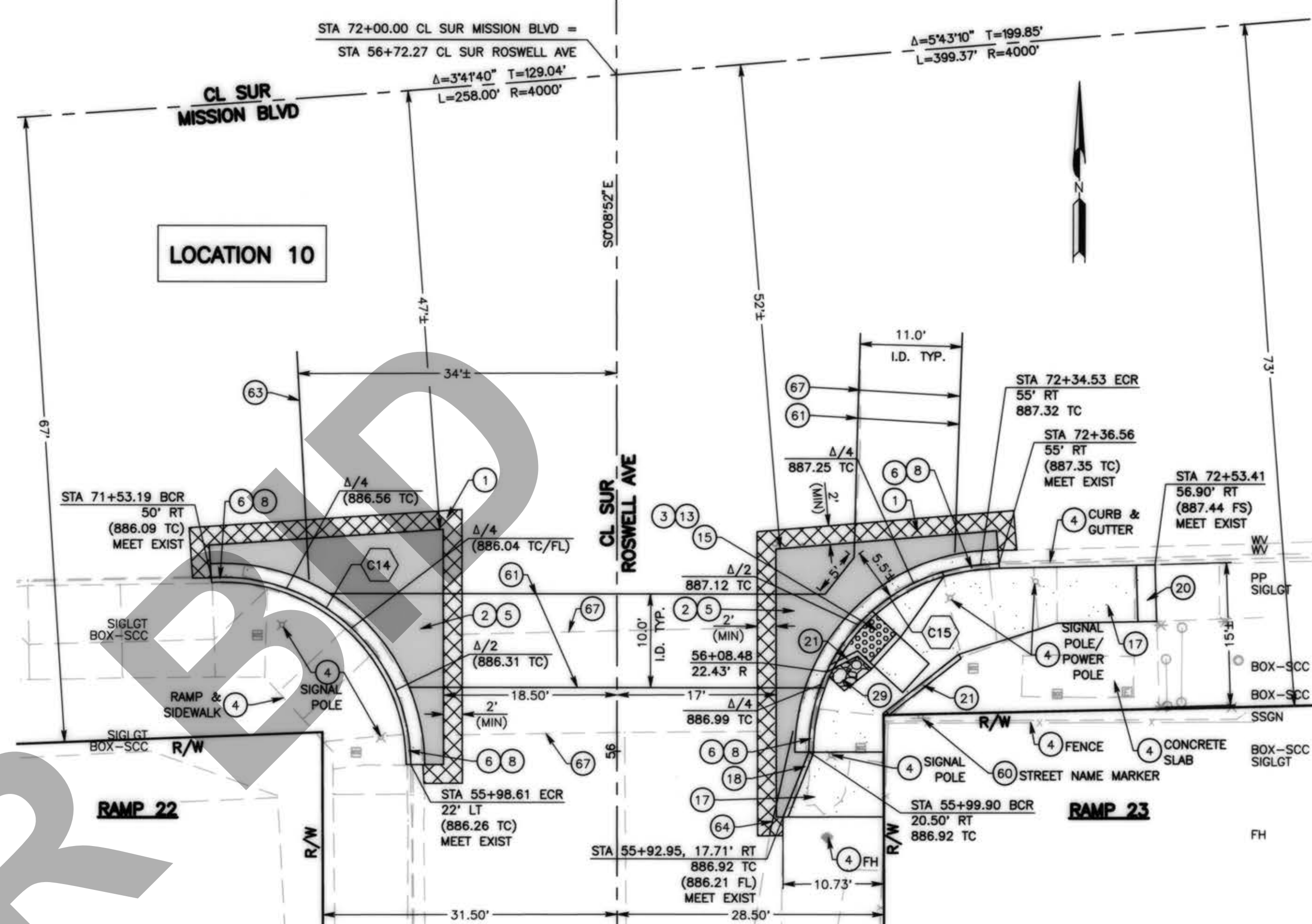
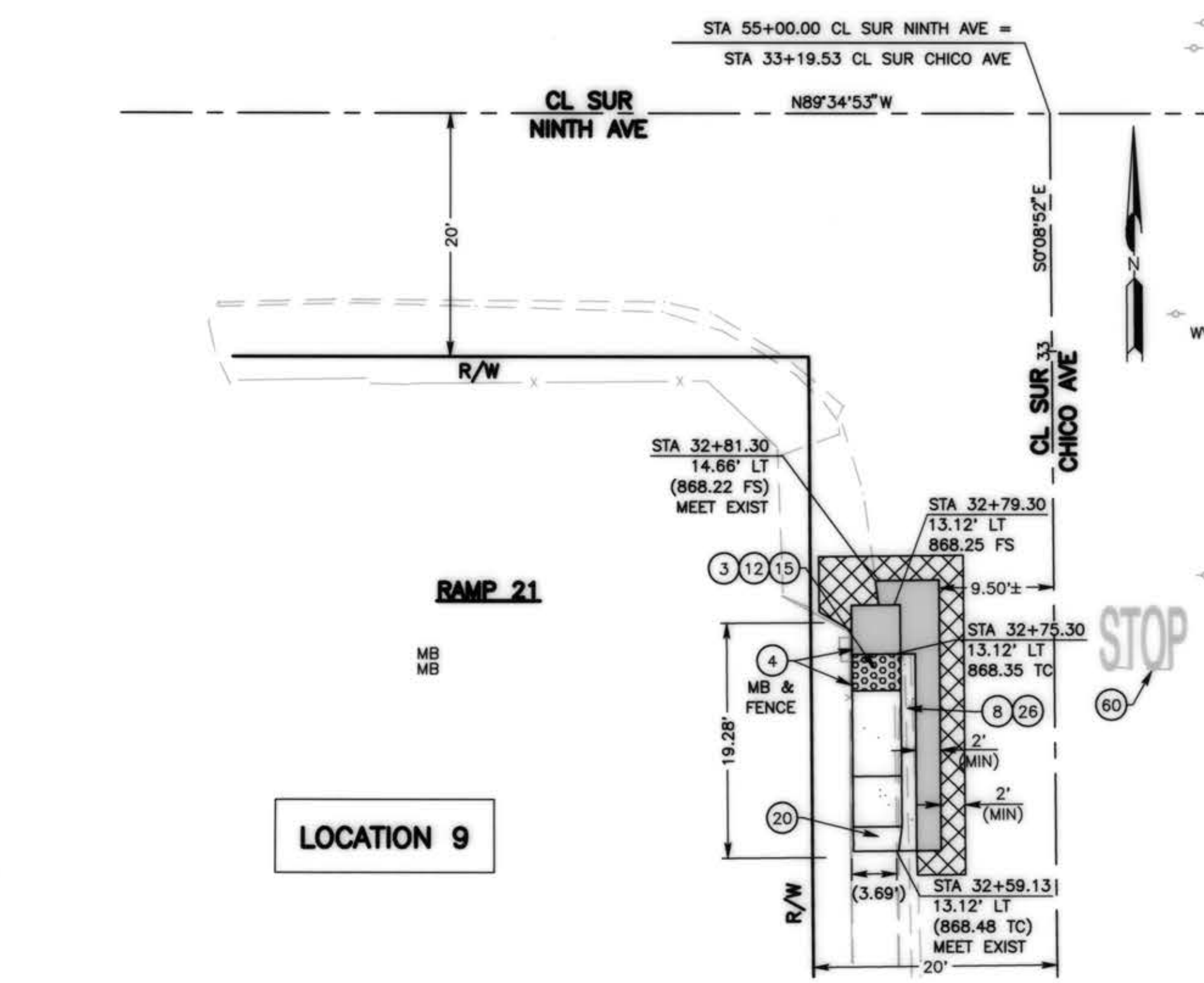
TRAFFIC CONSTRUCTION NOTES:

THE CONTRACTOR SHALL REMOVE ANY CONFLICTING TRAFFIC STRIPING AND/OR PAINT ANY NECESSARY EXTENSION TO EXISTING CENTERLINE STRIPES , LANE LINE STRIPES , CHANNELIZING LINES CAUSED BY REALIGNMENT OF CROSSWALKS AS SHOWN ON PLAN AND/OR AS DIRECTED BY THE ENGINEER.

- | | |
|----|---|
| 1 | CONSTRUCTION NOTES: |
| 2 | |
| 3 | UTILITIES TO BE RESET BY OTHERS |
| 4 | (SEE NOTE U. OF GENERAL NOTES ON THIS SHEET) |
| 5 | COLD PLANE (0.20" THK) EXISTING ASPHALT CONCRETE PAVEMENT AND PLACE (0.20" THK) |
| 6 | ASPHALT CONCRETE OVERLAY, 2' WIDE MINIMUM |
| 7 | SAWCUT & REMOVE EXISTING ASPHALT CONCRETE SURFACING |
| 8 | SAWCUT & REMOVE EXISTING CONCRETE |
| 9 | PROTECT IN PLACE |
| 10 | PLACE 0.60" ASPHALT CONCRETE (TYPE A) OVER COMPACTED NATIVE SOIL |
| 11 | CONSTRUCT 8" CURB & GUTTER PER COUNTY STD 115 (MODIFIED) AND DETAIL A AS |
| 12 | SHOWN ON SHEET 3 |
| 13 | REMOVE CONCRETE CURB AND GUTTER |
| 14 | REMOVE CONCRETE CURB |
| 15 | CONSTRUCT RAMP PER CALTRANS RSP AB8A (MODIFIED), CASE C |
| 16 | CONSTRUCT RAMP PER CALTRANS RSP AB8A (MODIFIED), CASE F |
| 17 | PLACE DETECTABLE WARNING SURFACE PER CALTRANS RSP AB8A (MODIFIED) |
| 18 | CONSTRUCT SPANDREL AND/OR CROSS GUTTER PER COUNTY STD 119 (MODIFIED) AND |
| 19 | DETAIL B AS SHOWN ON SHEET 3 |
| 20 | CONSTRUCT 8" CURB ONLY PER CALTRANS STD AB7A (MODIFIED), TYPE A1-B AND DETAIL C AS |
| 21 | SHOWN ON SHEET 3 |
| 22 | CONSTRUCT CURB TRANSITION PER SPECIAL DRAWING I |
| 23 | CONSTRUCT 2' MIN SIDEWALK TRANSITION (1.5% TO EXISTING SLOPE) |
| 24 | CONSTRUCT 6" WIDE VARIABLE HEIGHT (6" MIN) CONCRETE RETAINING CURB PER CALTRANS STD |
| 25 | AB7A (MODIFIED), TYPE A1 CURBS |
| 26 | CONSTRUCT ROLL CURB PER CALTRANS AB7A, TYPE E (MODIFIED) |
| 27 | PLACE 0.70" ASPHALT CONCRETE (TYPE A) OVER COMPACTED NATIVE SOIL |
| 28 | ADJUST TO GRADE |
| 29 | |
| 30 | TRAFFIC SIGNING AND STRIPING NOTES: |
| 31 | |
| 32 | PROTECT IN PLACE EXISTING SIGN(S), STRIPING, DELINEATOR, OBJECT MARKER OR |
| 33 | PAVEMENT MARKING(S) |
| 34 | PAINT 12-INCH SOLID WHITE CROSSWALK LINE PER THE CALTRANS 2015 STANDARD PLAN A24F |
| 35 | PAINT 12-INCH SOLID YELLOW CROSSWALK LINE PER THE CALTRANS 2015 STANDARD PLAN A24F |
| 36 | PAINT 12-INCH SOLID WHITE LIMIT LINE PER THE CALTRANS 2015 STANDARD PLAN A24E |
| 37 | PAINT 4-INCH SOLID WHITE EDGE LINE PER THE CALTRANS 2015 STANDARD PLAN A20B, |
| 38 | DETAIL 27B |
| 39 | PAINT PAVEMENT MARKINGS PER THE CALTRANS 2015 STANDARD PLANS A24C OR A24D |
| 40 | RELOCATE EXISTING OBJECT MARKER(S) OR SIGN(S) AS SHOWN ON PLAN AND PER THE |
| 41 | CALIFORNIA MUTCD 2014 FIGURES 2A-2(CA) AND 2C-13(CA) |
| 42 | REMOVE PAVEMENT MARKINGS AND/OR STRIPINGS |
| 43 | RESET EXISTING OBJECT MARKER(S) OR SIGN(S) AS SHOWN ON PLAN AND PER THE |
| 44 | CALIFORNIA MUTCD 2014 FIGURES 2A-2(CA) AND 2C-13(CA) |

			COUNTY OF SAN BERNARDINO DEPARTMENT OF PUBLIC WORKS				MONTCLAIR ADA RAMP PLAN-ADA RAMP			
			DESIGNED BY: <u>SB</u>	DRAWN BY: <u>IRU/AA</u>	CHECKED BY: <u>DJ</u>	RECOMMENDED BY: <i>[Signature]</i> MERVAT N. MIKHAEL, P.E. TRANSPORTATION DESIGN DIVISION CHIEF DATE: <u>10/31/19</u>				
MARK CHANGES NO CHANGES	RESIDENT ENGINEER _____ DATE _____		CIVIL STATE OF CALIFORNIA		APPROVED BY: <i>[Signature]</i> MERVAT N. MIKHAEL, P.E. TRANSPORTATION DESIGN DIVISION CHIEF DATE: <u>11-1-2019</u>		J.L. REF. <u>JL11668</u>	W.O. NO. <u>H14980</u>	PLAN SCALE <u>1"=10'</u>	SHT. NO. <u>6</u>
FIELD CHANGES		ELOY RUVALCABA, P.E. DESIGN ENGINEER DATE: <u>10-31-19</u>								

- CONSTRUCTION NOTES:**
- UTILITIES TO BE RESET BY OTHERS (SEE NOTE U. OF GENERAL NOTES ON THIS SHEET)
 - COLD PLANE (0.12" THK) EXISTING ASPHALT CONCRETE PAVEMENT AND PLACE (0.12" THK) ASPHALT CONCRETE OVERLAY, 2" WIDE MINIMUM
 - SAWCUT & REMOVE EXISTING ASPHALT CONCRETE SURFACING
 - SAWCUT & REMOVE EXISTING CONCRETE
 - PROTECT IN PLACE
 - PLACE 0.60" ASPHALT CONCRETE (TYPE A) OVER COMPACTED NATIVE SOIL
 - CONSTRUCT 8" CURB & GUTTER PER COUNTY STD 115 (MODIFIED) AND DETAIL A AS SHOWN ON SHEET 3
 - CONSTRUCT 6" CURB & GUTTER PER COUNTY STD 116 (MODIFIED) AND DETAIL A AS SHOWN ON SHEET 3
 - REMOVE CONCRETE CURB AND GUTTER
 - CONSTRUCT RAMP PER CALTRANS RSP AB8A (MODIFIED), CASE C
 - CONSTRUCT RAMP PER CALTRANS RSP AB8A (MODIFIED), CASE F
 - CONSTRUCT RAMP PER CALTRANS RSP AB8A (MODIFIED), CASE G
 - PLACE DETECTABLE WARNING SURFACE PER CALTRANS RSP AB8A (MODIFIED)
 - CONSTRUCT CONCRETE SIDEWALK PER COUNTY STD 109 TYPE D (MODIFIED)
 - CONSTRUCT 8" CURB ONLY PER CALTRANS STD AB7A (MODIFIED), TYPE A1-8 AND DETAIL C AS SHOWN ON SHEET 3
 - CONSTRUCT 2' MIN SIDEWALK TRANSITION (1.5% TO EXISTING SLOPE)
 - CONSTRUCT 6" WIDE VARIABLE HEIGHT (6" MIN) CONCRETE RETAINING CURB PER CALTRANS STD AB7A (MODIFIED), TYPE A1 CURBS
 - CONSTRUCT ROLL CURB PER CALTRANS AB7A, TYPE E (MODIFIED)
 - CONSTRUCT GROUTED ROCK TREATMENT PER SPECIAL DRAWING II
 - PLACE ASPHALT PAVEMENT 4" THK TYPE A.
- TRAFFIC SIGNING AND STRIPING NOTES:**
- PROTECT IN PLACE EXISTING SIGN(S), STRIPING, DELINEATOR, OBJECT MARKER OR PAVEMENT MARKING(S)
 - PAINT 12-INCH SOLID WHITE CROSSWALK LINE PER THE CALTRANS 2015 STANDARD PLAN A24F
 - PAINT 12-INCH SOLID WHITE LIMIT LINE PER THE CALTRANS 2015 STANDARD PLAN A24E
 - PAINT 4-INCH SOLID WHITE EDGE LINE PER THE CALTRANS 2015 STANDARD PLAN A20B, DETAIL 27B
 - REMOVE PAVEMENT MARKINGS AND/OR STRIPINGS



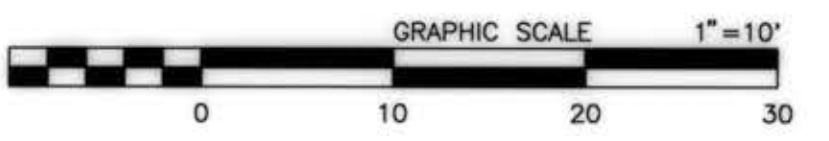
CURB RETURN DATA:

	Δ	R	L	T
C14	93°45'55"	20'	32.73'	21.36'
C15	85°22'46"	20'	29.80'	18.45'
C16	89°03'17"	20'	31.09'	19.67'
C17	90°54'47"	25'	39.67'	25.40'
C18	89°04'55"	35'	54.42'	34.44'
C19	90°59'49"	35'	55.59'	35.61'

TRAFFIC CONSTRUCTION NOTES:

THE CONTRACTOR SHALL REMOVE ANY CONFLICTING TRAFFIC STRIPING AND/OR PAINT ANY NECESSARY EXTENSION TO EXISTING CENTERLINE STRIPES, LANE LINE STRIPES, CHANNELIZING LINES CAUSED BY REALIGNMENT OF CROSSWALKS AS SHOWN ON PLAN AND/OR AS DIRECTED BY THE ENGINEER.

NOTE: FOR SIGNAL AND ELECTRICAL WORK, SEE SHEET 9



FIELD CHANGES	
MARK	CHANGES
NO CHANGES	RESIDENT ENGINEER DATE



COUNTY OF SAN BERNARDINO
DEPARTMENT OF PUBLIC WORKS

DESIGNED BY: SB
DRAWN BY: JRU/AA
CHECKED BY: DJ
RECOMMENDED BY: [Signature] 10/31/19
DATE: 10/31/19

APPROVED BY: [Signature] 11-1-2019
DATE: 11-1-2019

ELOY RUVALCABA, P.E.
DESIGN ENGINEER

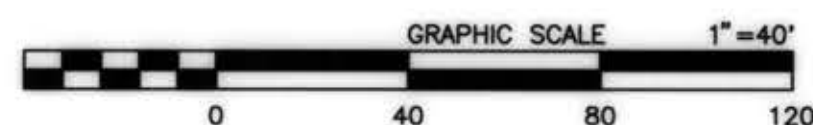
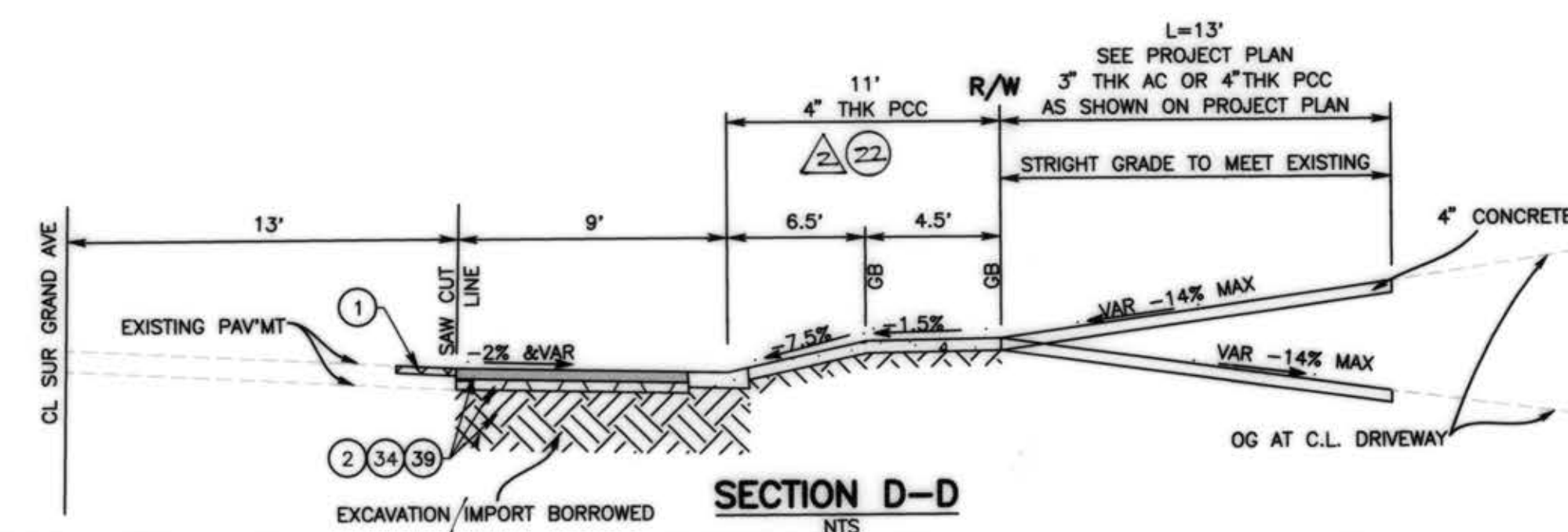
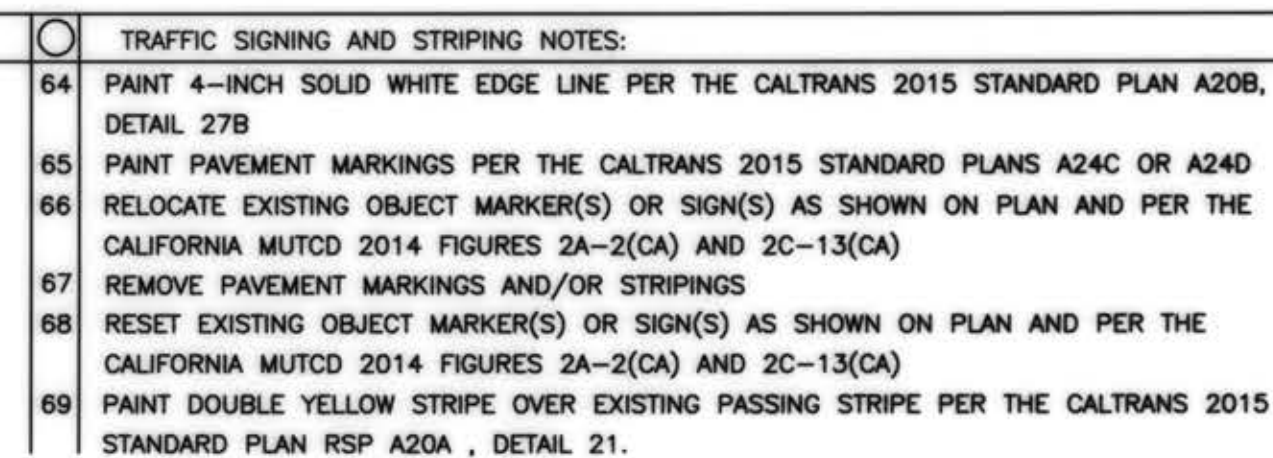
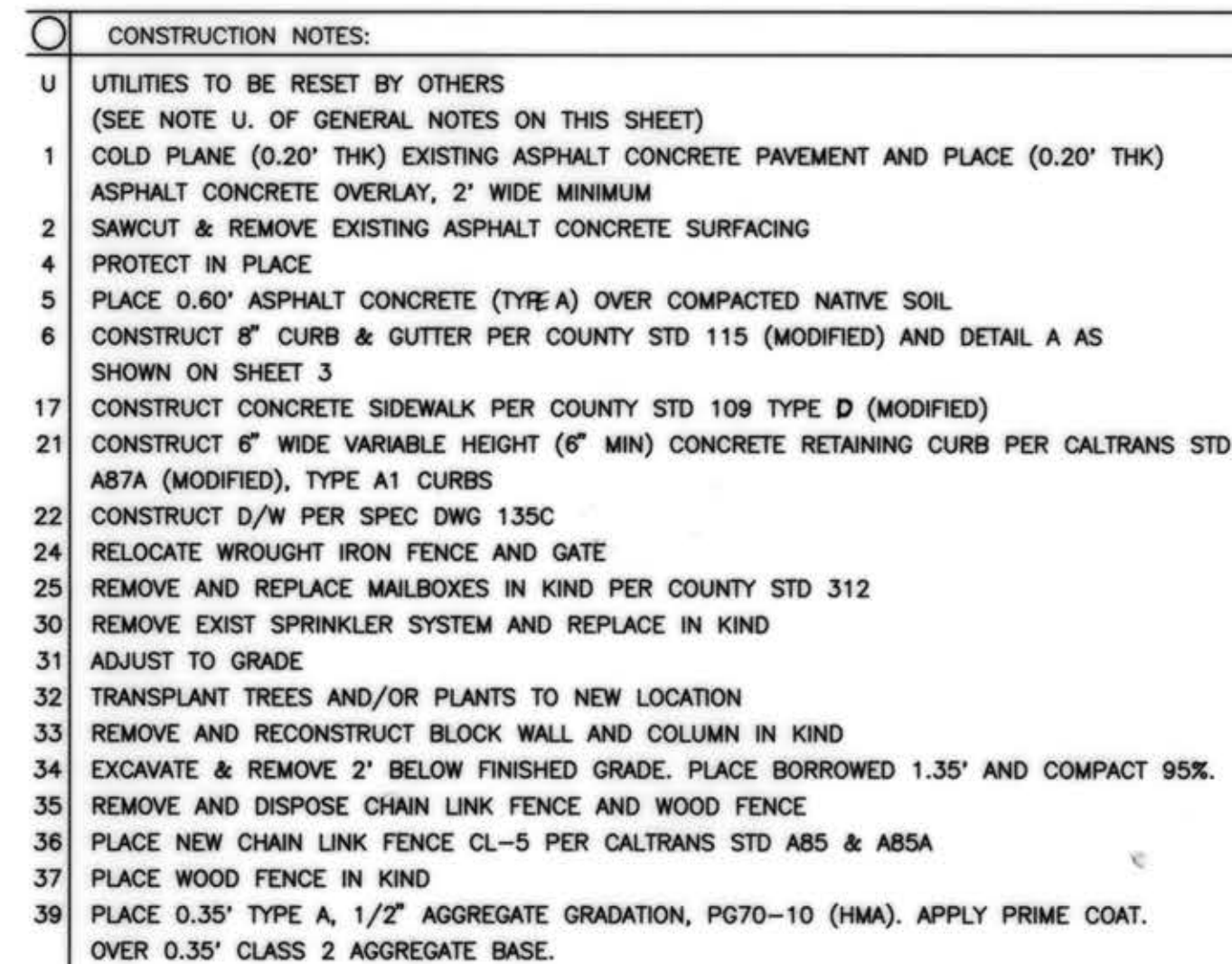
MAZIN KASEY, P.E.
DEPUTY DIRECTOR

MONTCLAIR ADA RAMP

PLAN-ADA RAMP

MONTCLAIR AREA

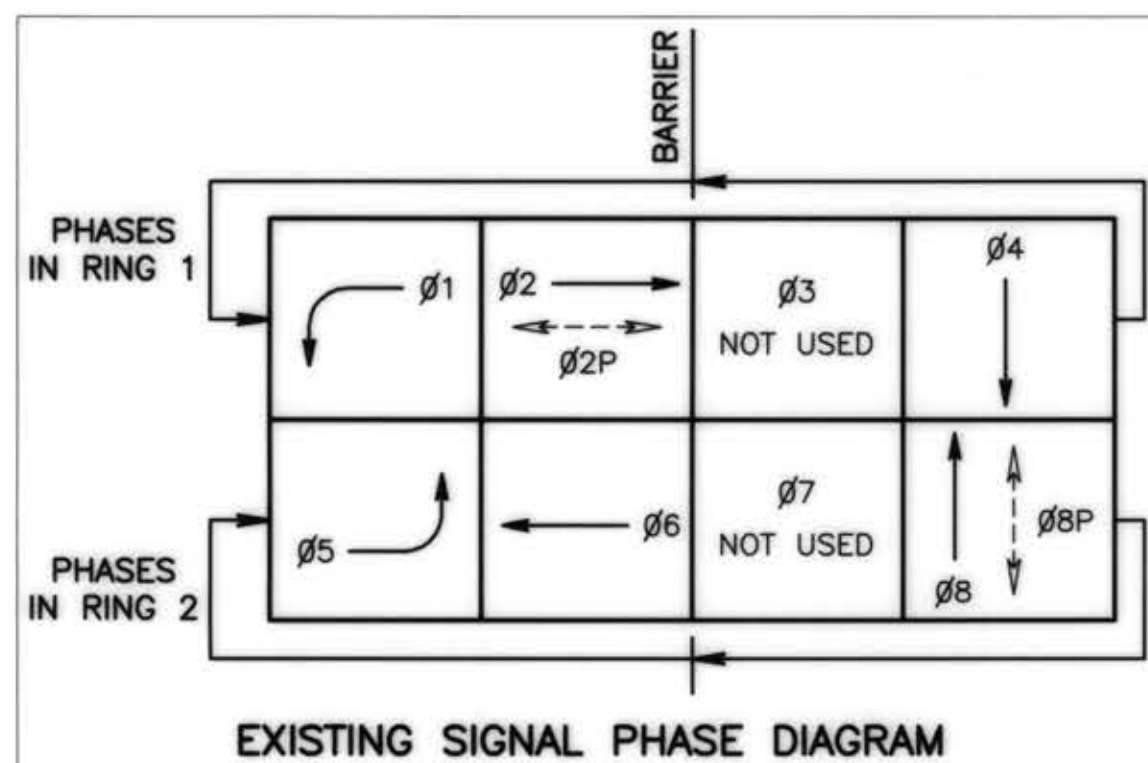
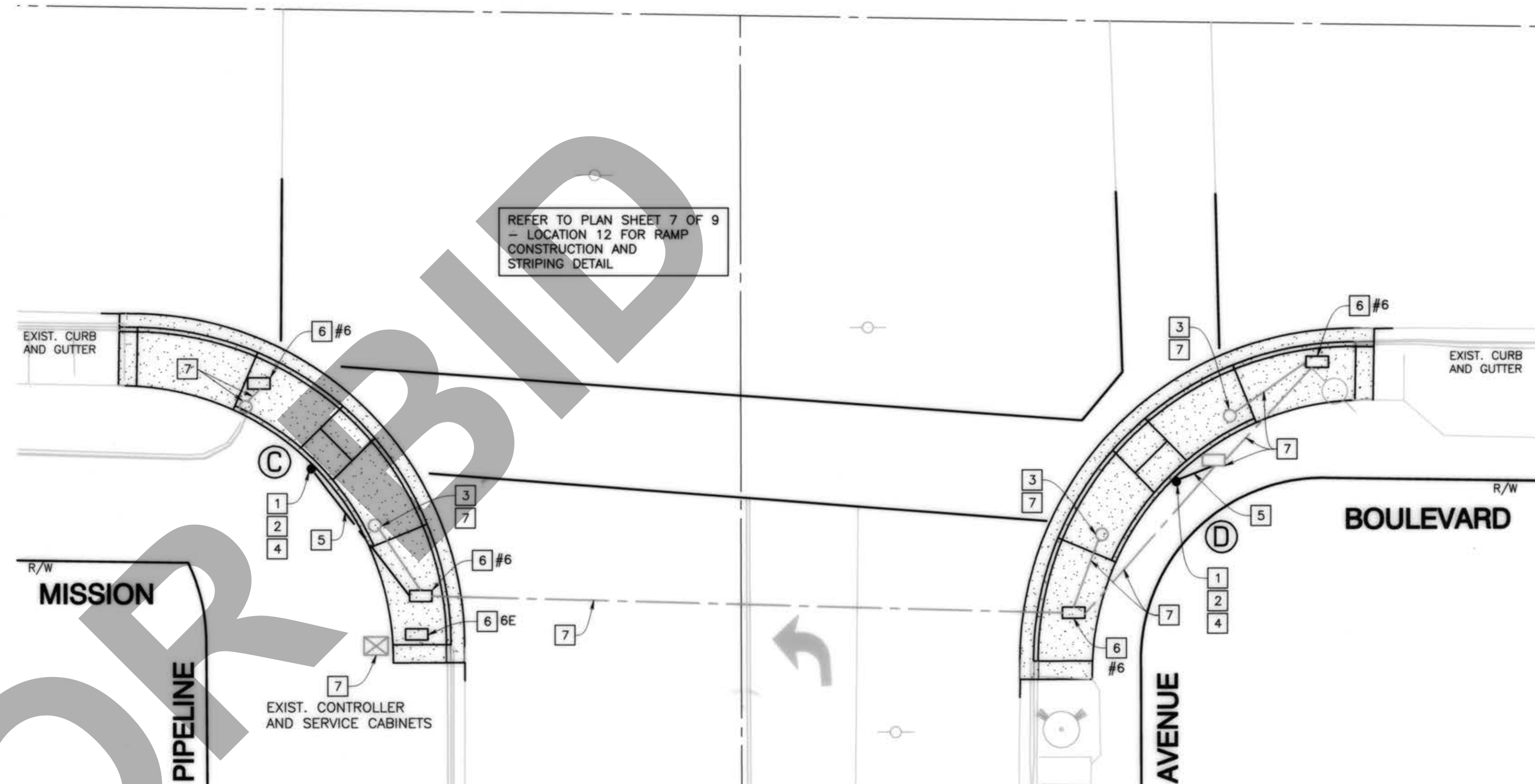
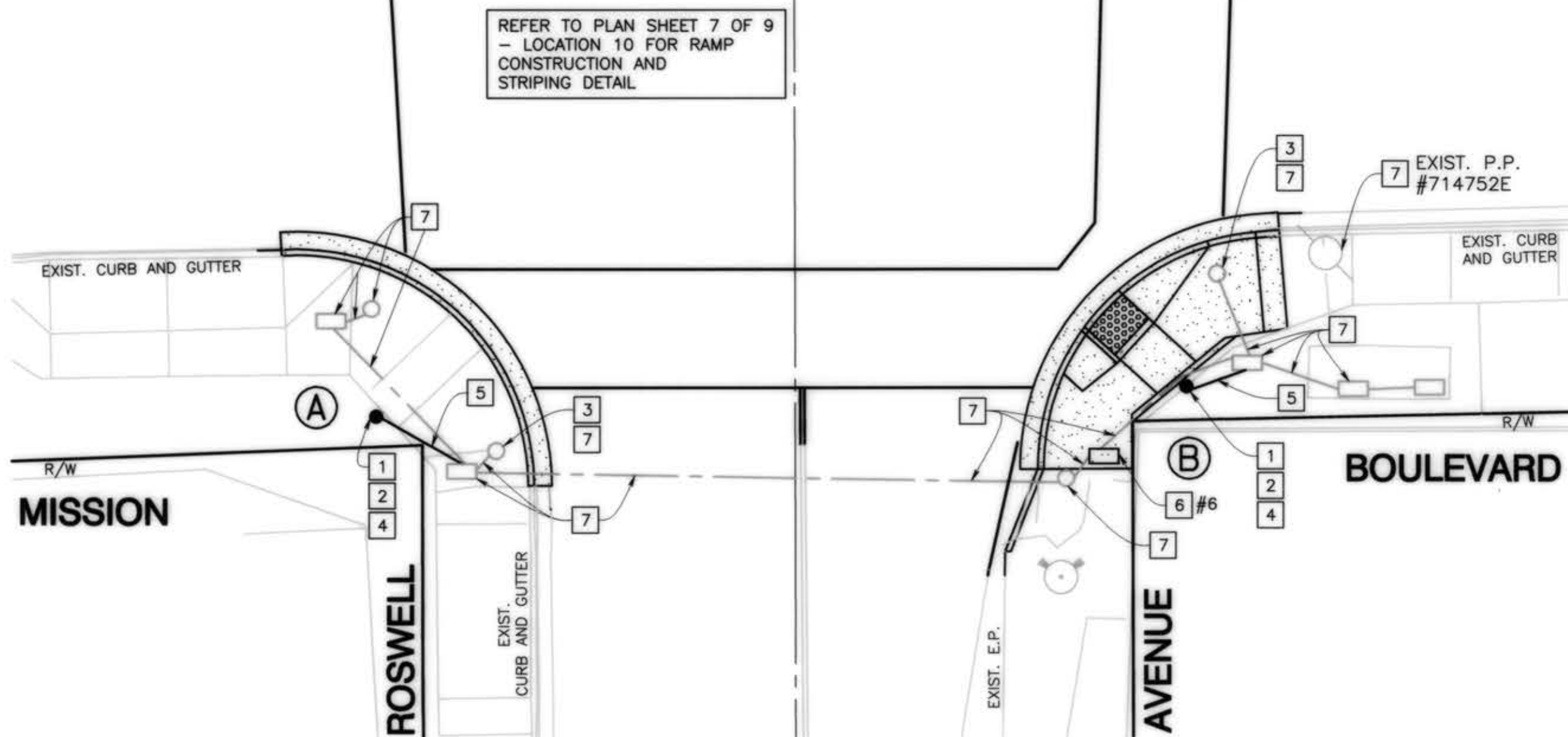
J.L. REF.	W.O. NO.	PLAN SCALE	SHT. NO.	TOT. SHT'S.
JL11668	H14980	1"=10'	7	9

[illegible]

COUNTY OF SAN BERNARDINO			
DEPARTMENT OF PUBLIC WORKS			
DESIGNED BY: <u>SB</u>	DRAWN BY: <u>IRU/AA</u>	CHECKED BY: <u>DJ</u>	RECOMMENDED BY: <i>[Signature]</i> <u>10/3</u>
MERVAT N. MOKHEE, P.E. TRANSPORTATION DESIGN DIVISION CHIEF			DATE
<i>[Signature]</i> ELOY RUIVALCABE, DESIGN ENGINEER		10-31-19 DATE	APPROVED BY: <i>[Signature]</i> MAJIN KASSI, P.E. DEPT. DIRECTOR
			11.1.19 DATE

GRAND AVE
500' WEST OF PIPELINE AVE
PLAN & PROFILE
FROM STA 21+28.01 TO STA 26+54.30

J.L. REF.	W.O. NO.	PLAN SCALE	SHT. NO.	TOT. SHT'S.
JL11668	H14980	1"=40'	8	9



POLE NO.	STANDARD		POLE LOCATION		PEDESTRIAN PUSH BUTTON		
	TYPE	HEIGHT	"A"	"B"	QUADRANT	ARROW	PHASE
(A)	PEDESTRIAN PUSH BUTTON POST (PPB) (NEW)	4ft-7in	8ft	10.5ft	NORTH	←	Ø2P
(B)	PEDESTRIAN PUSH BUTTON POST (PPB) (NEW)	4ft-7in	7ft	9ft	WEST	←	Ø8P



NOTE:

THE CONTRACTOR SHALL VERIFY THE LOCATION AND DEPTH OF EXISTING SIGNAL CONDUITS TO PROTECT IN PLACE OR REPLACE IF DAMAGED DUE TO CONSTRUCTION AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL FURNISH AND INSTALL ANY ADDITIONAL ELECTRONIC EQUIPMENT REQUIRED TO PROVIDE THE DESIRED SIGNAL OPERATION.

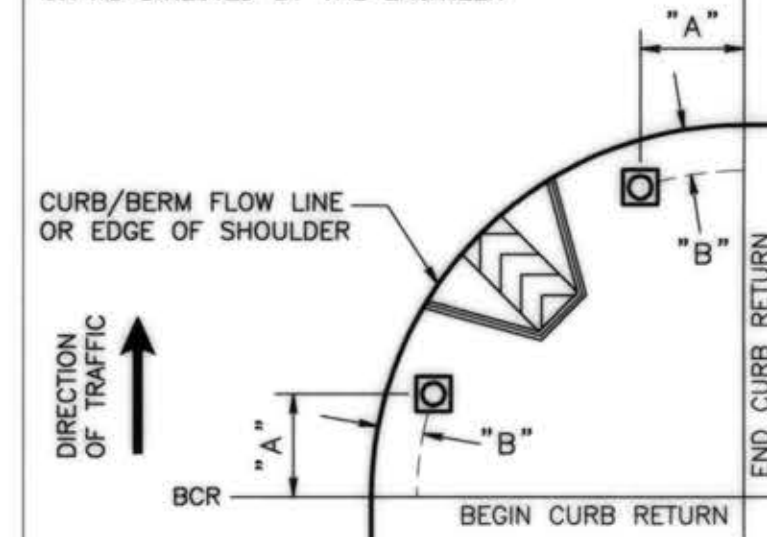
TRAFFIC SIGNAL CONSTRUCTION NOTES:

- FURNISH AND INSTALL PEDESTRIAN PUSH BUTTON ASSEMBLY POST (4FT-7IN) (STANDARD TYPE AS SPECIFIED ON PLAN) PER THE CALTRANS STANDARD PLANS RSP ES-7A AND RSP ES-7B. PUSH BUTTON POST SHALL BE INSTALLED ON CROSSWALK SIDE OF STANDARD.
- FURNISH AND INSTALL TYPE B PEDESTRIAN PUSH BUTTON ASSEMBLY WITH R10-3 SIGN (9inx12in) PER THE CALTRANS STANDARD PLANS ES-5C (DETAIL B) AND RSP ES-7A. PUSH BUTTON SHALL BE INSTALLED ON CROSSWALK SIDE OF STANDARD.
- REMOVE EXISTING PEDESTRIAN PUSH BUTTON ASSEMBLY ON THE EXISTING SIGNAL POLE. ANY REMAINING HOLES SHALL BE CAPPED.
- FURNISH AND INSTALL 3-CONDUCTOR SIGNAL CABLE (3CSC) FROM EACH PEDESTRIAN PUSH BUTTON TO THE CONTROLLER ASSEMBLY.
- FURNISH AND INSTALL 2-INCH GALVANIZED RIGID STEEL CONDUIT FROM PEDESTRIAN PUSH BUTTON POST INTO EXISTING PULL BOX AS SHOWN ON PLAN.
- FURNISH AND INSTALL NEW #6 TRAFFIC SIGNAL PULL BOX IN EXISTING CONDUIT RUN AS SHOWN IN PLAN AND PER THE CALTRANS STANDARD PLAN ES-8A. ABANDON EXISTING IF APPLIED.
- THE CONTRACTOR SHALL VERIFY LOCATIONS OF EXISTING TRAFFIC SIGNAL PULL BOXES, EXISTING TRAFFIC SIGNAL CONDUITS, EXISTING TRAFFIC SIGNAL POLES AND EXISTING CONTROLLER AND SERVICE CABINETS TO PROTECT IN PLACE OR REPLACE IF DAMAGED AS DIRECTED BY THE ENGINEER.

POLE NO.	STANDARD		POLE LOCATION		PEDESTRIAN PUSH BUTTON		
	TYPE	HEIGHT	"A"	"B"	QUADRANT	ARROW	PHASE
(C)	PEDESTRIAN PUSH BUTTON POST (PPB) (NEW)	4ft-7in	21ft	7ft	NORTH	←	Ø2P
(D)	1-B (NEW)	4ft-7in	21.5ft	7ft	NORTH	→	Ø2P
					WEST	←	Ø8P

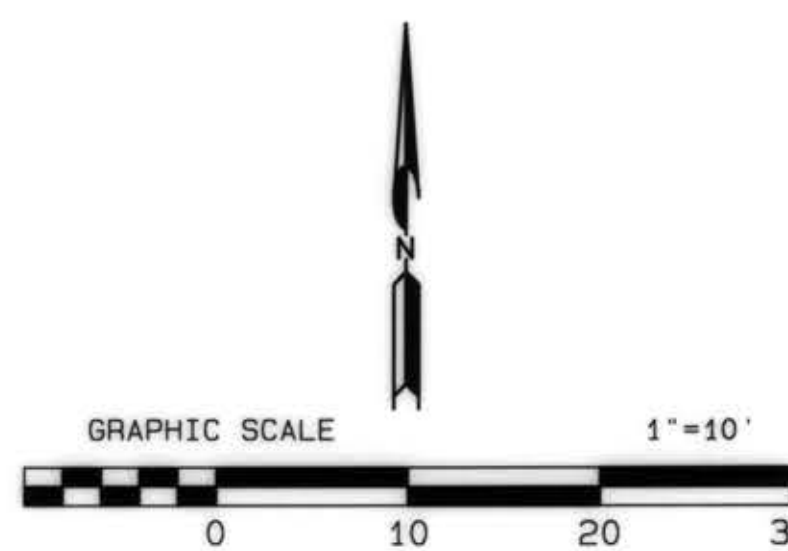
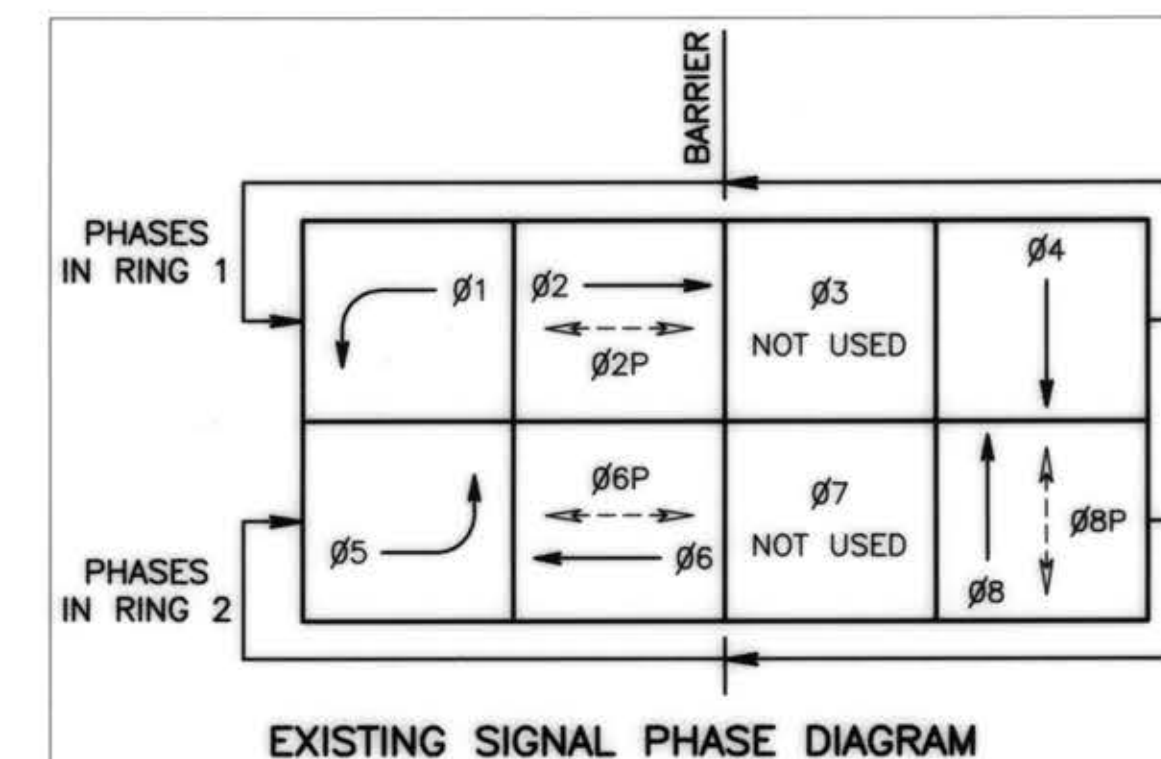
NOTE:

FOR "A" AND "B" DIMENSIONS, SEE POLE SCHEDULE, OR AS DIRECTED BY THE ENGINEER



TYPICAL SIGNAL POLE PLACEMENT

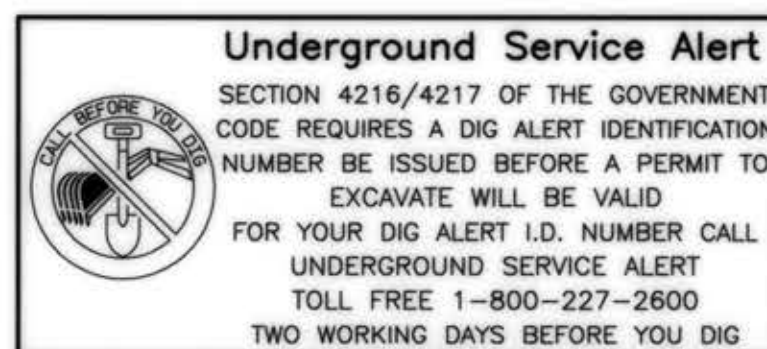
UNLESS OTHERWISE NOTED ON PLAN
NOT TO SCALE



TRAFFIC SIGNAL GENERAL NOTES:

- TRAFFIC SIGNAL AND LIGHTING SHALL CONFORM TO THE STATE OF CALIFORNIA 2018 REVISED STANDARD SPECIFICATIONS (DATED 2018) SECTIONS 86(ELECTRICAL WORK) AND 87(ELECTRICAL SYSTEMS) AND STANDARD PLANS DATED 2018.
- SIGNAL POLE LOCATIONS ARE APPROXIMATE.
- ALL PULL BOXES SHALL BE NUMBER 5 UNLESS OTHERWISE NOTED. THE TOP OF THE PULL BOXES SHALL BE FLUSH WITH FINISHED GRADE AS SHOWN ON THE CALTRANS 2018 STANDARD PLAN ES-8A.
- PULL BOXES SHALL BE INSTALLED PER THE CALTRANS 2018 STANDARD PLAN ES-8A. AND SHALL NOT BE INSTALLED IN OR WITHIN A CURB ACCESS RAMP.
- PULL BOXES LOCATED IN ROADWAYS OR SHOULDER AREAS SUBJECT TO TRAFFIC, SHALL BE TRAFFIC TYPE PER THE CALTRANS 2018 STANDARD PLAN ES-8B.
- PEDESTRIAN PUSH BUTTON SHALL BE WITH PLACARD R10-3 SIZE 9"x12" AND PER THE CALTRANS 2018 STANDARD PLANS RSP ES-7A AND ES-5C (TYPE B).
- ALL SIGNAL AND LIGHTING STANDARD FOUNDATIONS SHALL BE ADJUSTED TO PROPOSED FINISHED GRADE.
- ALL WIRING AND CABLES SHALL BE NEW UNLESS OTHERWISE NOTED.
- LOCATION OF ALL UNDERGROUND FACILITIES ARE APPROXIMATE. THE CONTRACTOR SHALL POT HOLE TO DETERMINE THE EXACT LOCATIONS AND VERIFY ALL CONDITIONS ON THE JOB SITE. HAND DIG FOUNDATIONS UNTIL CLEAR OF ANY OBSTRUCTIONS. PHONE THE UNDERGROUND SERVICE ALERT AT (800) 227-2600, TWO WORKING DAYS BEFORE DIGGING.
- THE CONTRACTOR SHALL NOTIFY THE COUNTY REPRESENTATIVE TO SCHEDULE A FIELD REVIEW WITH TRAFFIC DIVISION TO VERIFY THE LOCATION OF SIGNAL POLES, CONTROLLER CABINET, AND SERVICE CABINET.

THIS PLAN ACCURATE FOR ELECTRICAL WORK ONLY



MARK	CHANGES	RESIDENT ENGINEER	DATE
	NO CHANGES		
FIELD CHANGES			



COUNTY OF SAN BERNARDINO DEPARTMENT OF PUBLIC WORKS			
DESIGNED BY M.M./J.H.C.	DRAWN BY H.F.	CHECKED BY M.M./M.S.	RECOMMENDED BY GRANT MANN, P.E. TRAFFIC DIVISION CHIEF 10/31/19
SUBMITTED BY MOHAMMAD SIDDIQUI, P.E. ENGINEER, TRAFFIC DIVISION 10/31/19		APPROVED BY MANN RASEY, P.E. DEPUTY DIRECTOR 11-1-2019	

MISSION BOULEVARD AT ROSWELL AVENUE AND PIPELINE AVENUE TRAFFIC SIGNAL MODIFICATION PLAN MONTCLAIR AREA			
J.L. REF. JL11680	W.O. NO. H14980	SCALE 1" = 10'	SHEET. NO. TOTAL SHT'S. 9 9