

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



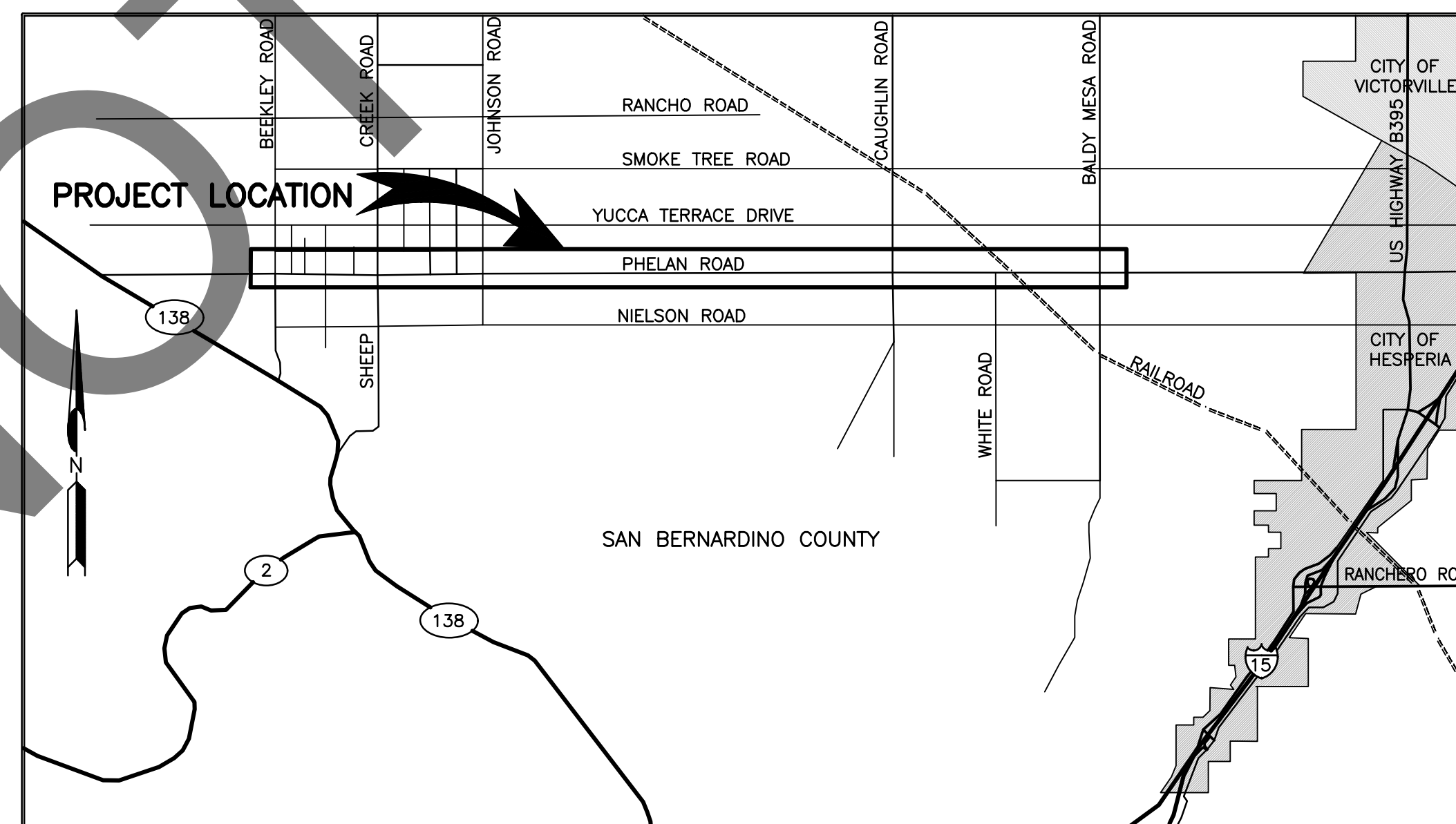
TRANSPORTATION PLANS FOR CONSTRUCTION ON PHELAN ROAD LIMITS

700' W OF BEEKLEY ROAD TO 400' E OF BALDY MESA ROAD

WORK ORDER NO. H15269

ROAD NO. 651850-013

LENGTH = 8 MILES



LOCATION MAP
NOT TO SCALE

SAN BERNARDINO COUNTY

APPROVED BY:

NOEL CASTILLO, P.E., DIRECTOR OF PUBLIC WORKS R.C.E. 78044

7/23/24

DATE

MARK	REVISIONS	APPR.	DATE

MARK	REVISIONS	APPR.	DATE

FILE NO. 651850-013

MARK	CHANGES	RESIDENT ENGINEER	DATE
	NO CHANGES		
FIELD CHANGES		SHT. NO.	TOT. SHT'S.
		1	43

INDEX OF SHEETS

- 1 TITLE SHEET
- 2 PROJECT NOTES, LEGENDS, INDEX MAP, RAMP TABLE
- 3 TYPICAL SECTIONS AND MISCELLANEOUS DETAILS
- 4-22 PLAN AND PROFILE ROAD
- 23-26 PLAN AND PROFILE RAMPS
- 27-43 TRAFFIC SIGNING AND STRIPING PLAN

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

- 115 303(A)
- 117 303(B)
- 119 SPECIAL DRAWING 1
- 205

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

- A20A A20B A20C A20D
- A24A A24B A24C A24D
- A24E A24F

TO BE SUPPLEMENTED BY THE FOLLOWING CALTRANS STANDARD PLANS DATED 2022:

- ES-1A ES-1B ES-1C ES-4B
- ES-5C ES-7A ES-7N ES-8A
- ES-13A T9 T10 T11
- T13 T13A T13B

TO BE SUPPLEMENTED BY THE FOLLOWING CALTRANS STANDARD PLANS DATED 2023:

- A87A A88A

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

- FIGURE 2A-2(CA) FIGURE 2A-3(CA) FIGURE 2C-13(CA)
- SECTION 3B-24 FIGURE 3B-102(CA) FIGURE 6H-28
- FIGURE 6H-29 SECTION 6D.01 SECTION 6D.02
- FIGURE 8B-6(CA)

THIS PROJECT REQUIRES A CONTRACTOR'S LICENSE CLASS "A" OR "C12"

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 5-1.36 C "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.

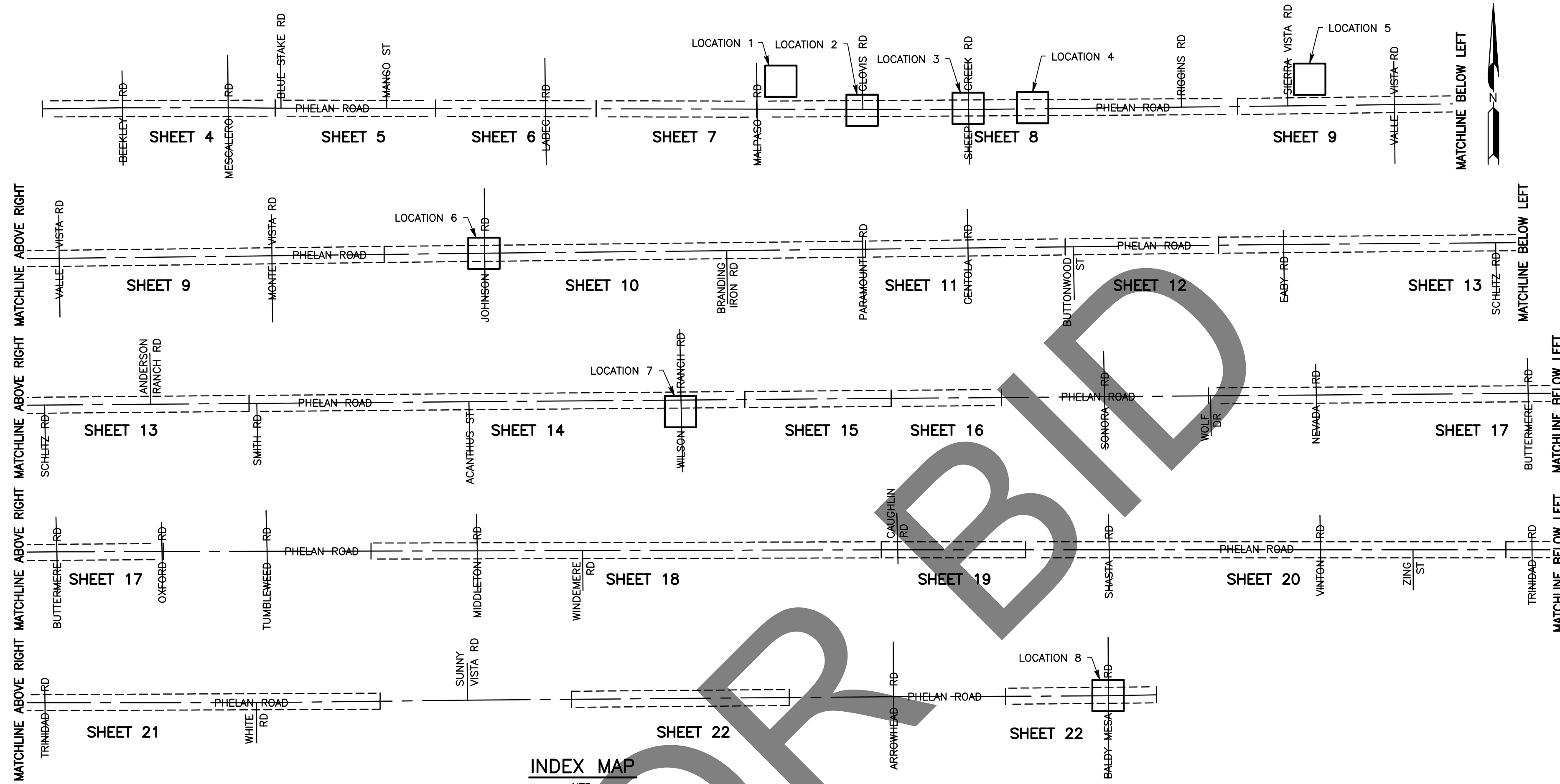
1. ALL STATIONING NOTES ON PLAN REFER TO THE CL IMP PHELAN ROAD OR SIDE STREET.
2. DIMENSIONS ARE SUBJECT TO TOLERANCES SPECIFIED IN THE CALTRANS STANDARD SPECIFICATIONS.
3. ALL PAVEMENT WIDTH DIMENSIONS SHOWN ON THE PLANS ARE TO THE EDGE OF PAVEMENT OR TO THE TOP OF CURB, UNLESS OTHERWISE NOTED.
4. 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.

BASIS OF BEARINGS:

THE BEARINGS SHOWN HEREON ARE BASED UPON THE CALIFORNIA COORDINATE SYSTEM OF 1983, CC83, ZONE 5, (199.89), BEING A GRID BEARING OF NORTH 58°14'37" WEST BETWEEN CALIFORNIA DEPARTMENT OF TRANSPORTATION MONUMENTS 610 AND 705, PER RECORDS ON FILE AT THE CALTRANS DISTRICT 8 HEADQUARTERS IN SAN BERNARDINO COUNTY (SBC) 138 PM 0.004/14.3 KP 0.00/23.01GPS CONTROL SET FOR TLI-PHOTO-ALIGNMENT, DATED 2/11/1999
 610 N: 1,967,292.761 SFT 705 N: 2,001,781,120 SFT
 E: 6,688,164.153 SFT E: 6,632,433.664 SFT
 ALL DISTANCES SHOWN, UNLESS OTHERWISE NOTED, ARE IN TERMS OF THE US SURVEY FOOT. DISTANCES SHOWN HEREON ARE GROUND DISTANCE
 TO APPROXIMATE CCS83 GRID DISTANCES, MULTIPLY THE DISTANCE BY 0.9997555716.

BENCH MARK:

NAME: HPGN CA 07 05 (PID=EV9240)
 ORDER: THIRD
 ELEVATION: 3,483.687
 DATUM: NAVD 88



LOCATION:	RAMPS:	SHEET NUMBER:
LOCATION 1	PHELAN ROAD @ MALPASO ROAD, RAMP 1	23
LOCATION 2	PHELAN ROAD @ CLOVIS ROAD, RAMP 2, RAMP 3, RAMP 4 AND RAMP 5	MOVED TO PHASE II
LOCATION 3	PHELAN ROAD @ SHEEP CREEK ROAD, RAMP 6 AND RAMP 7	23
LOCATION 3	PHELAN ROAD @ SHEEP CREEK ROAD, RAMP 8	24
LOCATION 4	PHELAN ROAD @ SHEEP CREEK ROAD, RAMP 9 AND RAMP 10	MOVED TO PHASE II
LOCATION 5	PHELAN ROAD @ SIERRA VISTA ROAD, RAMP 11	MOVED TO PHASE II
LOCATION 6	PHELAN ROAD @ JOHNSON ROAD, RAMP 12	MOVED TO PHASE II
LOCATION 6	PHELAN ROAD @ JOHNSON ROAD, RAMP 13	24
LOCATION 6	PHELAN ROAD @ JOHNSON ROAD, RAMP 14	25
LOCATION 7	PHELAN ROAD @ WILSON RANCH ROAD, RAMP 15 AND RAMP 16	25
LOCATION 8	PHELAN ROAD @ BALDY MESA ROAD, RAMP 17, RAMP 18 AND RAMP 19	26

TRAFFIC CONTROL-GENERAL NOTES

- NOTE 1: ALL SIGNING, STRIPING AND PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH CALIFORNIA MUTCD LATEST EDITIONS.
- NOTE 2: ALL SIGNING, STRIPING AND PAVEMENT MARKINGS SHALL BE PAINTED IN CONFORMANCE WITH THE CALTRANS 2023 STANDARD PLANS OR LATEST EDITION.
- NOTE 3: ALL STRIPING (LONG LINE) AND PAVEMENT MARKINGS SHALL BE RETROREFLECTIVE PAINT.
- NOTE 4: ALL SIGNS SHALL BE OF HIGH INTENSITY (FHWA TYPE III/IV) RETROREFLECTIVE SHEETING EXCEPT:
 A. STOP SIGNS SHALL BE DIAMOND GRADE (FHWA TYPE VII IN RURAL SETTINGS AND TYPE IX IN URBAN SETTINGS) RETROREFLECTIVE SHEETING.
 B. "NO PARKING" SIGNS SHALL BE OF SUPER ENGINEERING GRADE (FHWA TYPE II) RETROREFLECTIVE SHEETING.
 C. SCHOOL SIGNS SHALL BE OF DIAMOND GRADE (FHWA TYPE IX) FLUORESCENT YELLOW-GREEN (FYG) RETROREFLECTIVE SHEETING.
 D. STREET NAME MARKERS SHALL BE OF DIAMOND GRADE (FHWA IX) RETROREFLECTIVE SHEETING AND CONFORM TO SBC STANDARD 303.
 E. CONSTRUCTION SIGNS SHALL BE OF DIAMOND GRADE (FHWA IX) FLUORESCENT ORANGE RETROREFLECTIVE SHEETING.
- NOTE 5: ALL DELINEATORS, CHANNELIZER AND OBJECT MARKERS SHALL BE OF FHWA TYPE VII RETROREFLECTIVE SHEETING.
- NOTE 6: SIGNS SHALL BE MOUNTED ON METAL POSTS SIMILAR TO SBC STANDARDS 303(A) AND 303(B).
- NOTE 7: ALL CONFLICTING STRIPINGS AND PAVEMENT MARKINGS NOT SHOWN ON PLANS SHALL BE REMOVED BY CONTRACTOR. REMOVAL SHALL BE ACCOMPLISHED BY SANDBLASTING, GRINDING OR AS DIRECTED BY THE COUNTY REPRESENTATIVE.
- NOTE 8: 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.
- NOTE 10: ALL EXISTING SIGNING, STRIPING AND PAVEMENT MARKINGS (I.E. CROSS STREET 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.
- NOTE 11: 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.

CONSTRUCTION MATERIALS LEGEND

- PLAN
- ASPHALT CONCRETE PAVEMENT
 - COLD PLANE/MILL AND OVERLAY
 - PORTLAND CEMENT CONCRETE
 - PULVERIZE ASPHALT CONCRETE SURFACE
 - REMOVE ASPHALT CONCRETE SURFACE
 - REMOVE PORTLAND CEMENT CONCRETE SURFACE
 - DETECTABLE WARNING SURFACE
- SECTION
- ASPHALT CONCRETE PAVEMENT
 - PULVERIZE ASPHALT CONCRETE SURFACE
 - CEMENT TREATED BASE
 - PORTLAND CEMENT CONCRETE SECTION
 - NATURAL GROUND

UNDERGROUND UTILITY LEGEND

- GAS LINE G
- WATER LINE W
- ELECTRIC LINE E
- TELEPHONE LINE T
- DATA/CABLE LINE COM

- PROPOSED SLOPE
- EXISTING SLOPE
- CURB RETURN NUMBER
- SHEET

ABBREVIATIONS LEGEND:

- AC = ASPHALT CONCRETE
- AP = ANGLE POINT
- APN = ACCESSOR PARCEL NUMBER
- AVE = AVENUE
- BEG = BEGINNING
- BCR = BEGIN CURB RETURN
- BOX EC = BOX ELECTRICAL
- BOX SC = BOX SIGNAL CONTROL
- BOX T = BOX TELEPHONE
- C&G = CURB AND GUTTER
- CL = CENTER LINE
- COMM = COMMUNICATION LINE
- DM = DEADMAN
- DR = DRIVE
- DWG = DRAWING
- ECR = END OF CURB RETURN
- EL = ELEVATION
- EPB = ELECTRICAL PULL BOX
- ER = ELECTRICAL RISER
- EVL = ELECTRICAL VAULT
- EXIST = EXISTING
- FDC = FIRE DEPARTMENT CONNECTION
- FG = FINISHED GRADE
- FH = FIRE HYDRANT
- FHWA = FEDERAL HIGHWAY ADMINISTRATION
- FL = FLOW LINE
- FO = FIBER OPTIC
- FS = FINISHED SURFACE
- GB = GRADE BREAK
- GP = GUARD POST
- GPOLE = GPOLE
- GUY = GUY WIRE
- GV = GAS VALVE
- IVC = IRRIGATION CONTROL VALVE
- IMP = IMPROVED
- INT = INTERSECTION
- L = LENGTH
- LT = LEFT
- LVC = LENGTH VERTICAL CURVE
- MAX = MAXIMUM
- MB = MAIL BOX
- MH = MANHOLE
- MH D = MANHOLE STORM DRAIN
- MH T = MANHOLE TELEPHONE
- MISC = MISCELLANEOUS
- NTS = NOT TO SCALE
- PP = POWER POLE
- RD = ROAD
- RRXSG = RAILROAD CROSSING SIGNAL
- RT = RIGHT
- RW = RIGHT OF WAY
- SBC = SAN BERNARDINO COUNTY
- SC = SIGNAL CABINET
- SDMH = STORM DRAIN MANHOLE
- SGN = SIGN
- SHT = SHEET
- SLA = STREET LIGHT ASSEMBLY
- SLGT = STREET LIGHT
- SPB = SIGNAL PULL BOX
- SSGN = STOP SIGN
- ST = STREET
- STA = STATION
- STD = STANDARD
- SUR = SURVEY
- T = TELEPHONE
- TC = TOP OF CURB
- TD = TOP OF DIKE
- THK = THICKNESS
- TMH = TELEPHONE MANHOLE
- TOT = TOTAL
- TP = TELEPHONE PEDESTAL
- TPB = TRAFFIC PUSH BUTTON
- TR = TELEPHONE RISER
- TSC = TRAFFIC SIGNAL CABINET
- TSIG = TRAFFIC SIGNAL
- TSIGA = TRAFFIC SIGNAL ASSEMBLY
- TSPB = TRAFFIC SIGNAL PULL BOX
- TV = TELEPHONE
- TVLT = TELEPHONE VAULT
- VC = VERTICAL CURVE
- WM = WATER METER
- WV = WATER VALVE
- WLT = WATER VAULT

CONSTRUCTION NOTES:

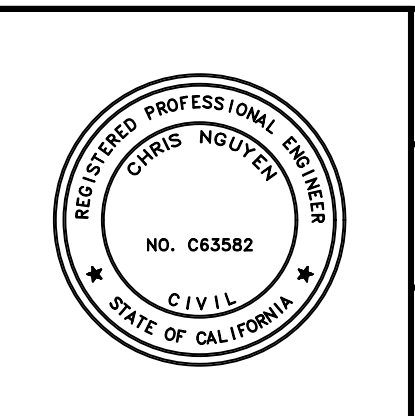
- U UTILITIES TO BE RESET BY OTHERS (SEE NOTE U OF GENERAL NOTES ON THIS SHEET)
- P PROTECT IN PLACE
- 1 COLD PLANE (0.25" THK) EXISTING ASPHALT CONCRETE PAVEMENT AND PLACE (0.20" THK) ASPHALT CONCRETE TYPE G, 3/4" AG, 76-22 PM RHMA OVER TACK COAT OVER RUBBERIZED CHIP SEAL AS SAMI
- 2 SAWCUT AND REMOVE EXISTING ASPHALT CONCRETE AND NATURAL GROUND TO A DEPTH OF 0.5'.
- 3 SAWCUT AND REMOVE EXISTING ASPHALT CONCRETE SURFACING
- 4 SAWCUT AND REMOVE EXISTING ASPHALT CONCRETE DIKE
- 5 SAWCUT AND REMOVE EXISTING CONCRETE SURFACING, RAMP, SIDEWALK, CROSS GUTTER AND SPANDREL
- 6 SAWCUT AND REMOVE EXISTING CURB OR CURB AND GUTTER
- 7 REMOVE AND/OR RELOCATE TRAFFIC SIGN PER TRAFFIC PLANS AND SPECIAL PROVISIONS
- 8 PLACE STRUCTURAL SECTION PER TYPICAL SECTION AND DETAILS ON SHEET 3
- 9 PLACE ASPHALT CONCRETE DIKE PER COUNTY STD DWG 117
- 10 SAWCUT EXISTING ASPHALT CONCRETE PAVEMENT ALONG PERIMETER LINE TO A DEPTH OF 1' MINIMUM
- 11 CONSTRUCT CROSS GUTTER PER COUNTY STD 119
- 12 CONSTRUCT SPANDREL PER COUNTY STD 119
- 13 CONSTRUCT 8" CURB AND GUTTER PER CALTRANS STD A87A TYPE A2
- 14 CONSTRUCT 8" CURB AND GUTTER PER COUNTY STD DWG 115
- 15 CONSTRUCT SIDEWALK AND RAMP PER CALTRANS STD A88A CASE A
- 16 CONSTRUCT SIDEWALK AND RAMP PER CALTRANS STD A88A CASE B
- 17 CONSTRUCT SIDEWALK AND RAMP PER CALTRANS STD A88A CASE C
- 18 CONSTRUCT SIDEWALK AND RAMP PER CALTRANS STD A88A CASE C
- 19 PLACE (0.60" THK) ASPHALT CONCRETE TYPE A, 3/4" AG, PG 70-10 HMA OVER COMPACTED NATIVE SOIL
- 20 INSTALL 6" RETAINING CURB PER CALTRANS STD A88A
- 21 PLACE DETECTABLE WARNING SURFACE PER CALTRANS STD A88A
- 22 PLACE (0.20" THK) ASPHALT CONCRETE TYPE G, 3/4" AG, 76-22 PM RHMA OVER (0.30" THK) ASPHALT CONCRETE TYPE A, 3/4" AG, PG 70-10 HMA OVER COMPACTED NATIVE SOIL
- 23 PLACE GROUTED ROCK TREATMENT PER SPECIAL DRAWING 1
- 24 RELOCATE TRAFFIC PUSH BUTTON POLE
- 25 ADJUST TO GRADE UTILITY/TRAFFIC PULL BOX
- 26 RELOCATE UTILITY/TRAFFIC PULL BOX
- 27 ADJUST MANHOLE TO GRADE PER COUNTY STD 205

DATE	
APPR.	
REVISIONS	
MARK	

DATE	
APPR.	
REVISIONS	
MARK	

FILE NO. 651850-013

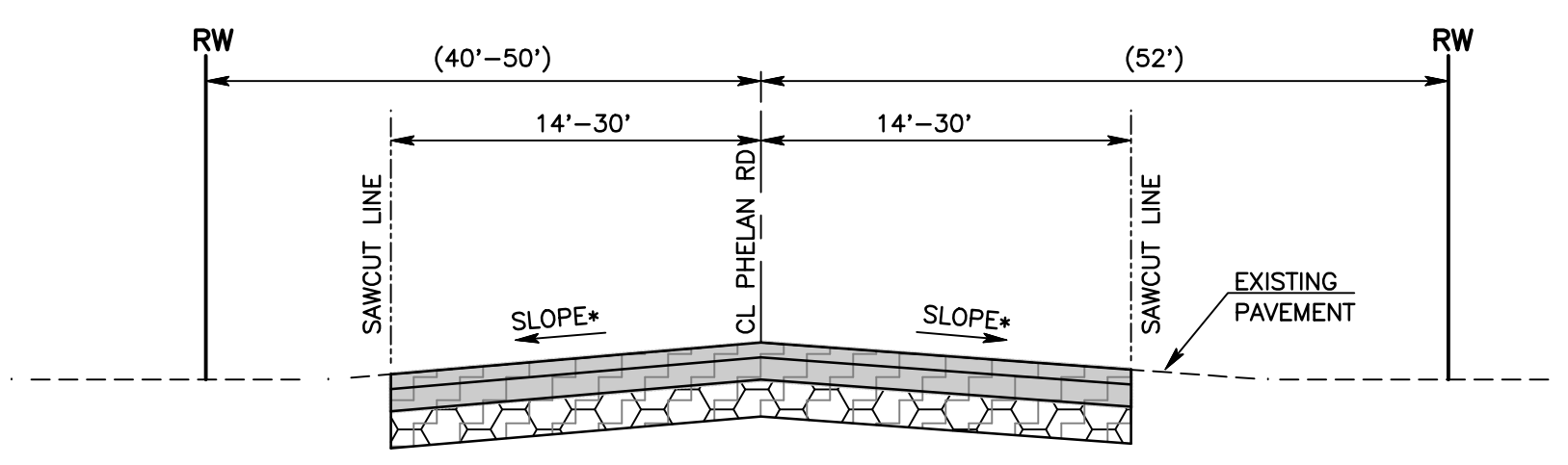
MARK	CHANGES	RESIDENT ENGINEER	DATE
	NO CHANGES		
FIELD CHANGES			



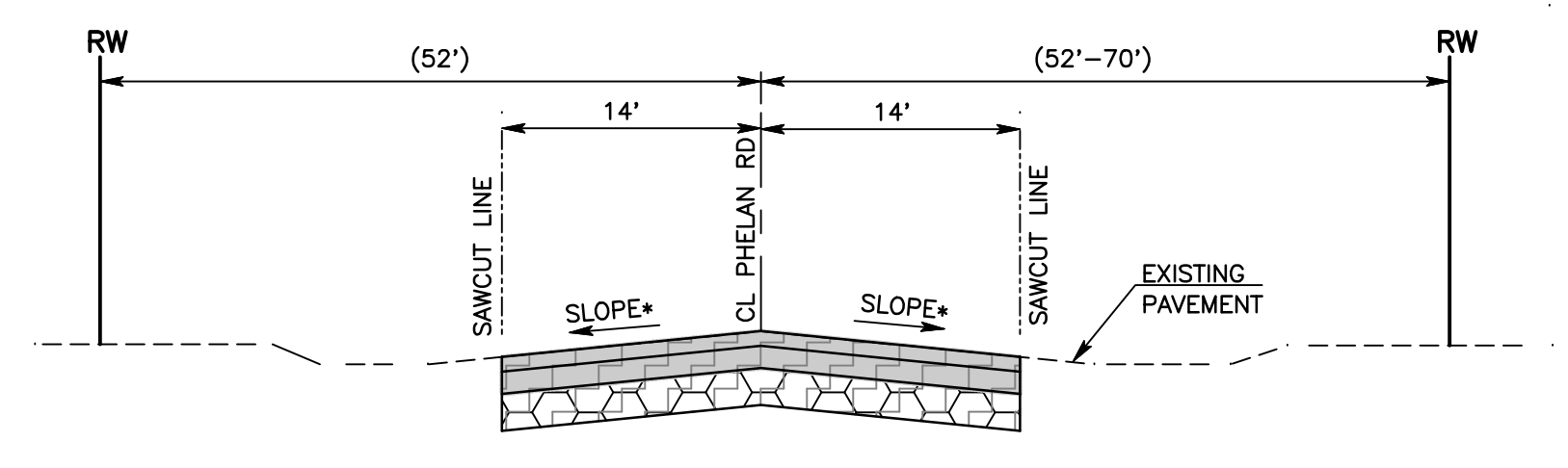
SAN BERNARDINO COUNTY DEPARTMENT OF PUBLIC WORKS			
DESIGNED BY: CBB	DRAWN BY: CBB/MDV	CHECKED BY: IU	RECOMMENDED BY: Chris Nguyen, P.E. ENGINEERING MANAGER
APPROVED BY: Don Johnson SUPERVISING PROJECT MANAGER		DATE: 6/28/2024	DATE: 7/3/2024

PHELAN ROAD NOTES AND LEGENDS PHELAN AREA BEEKLEY ROAD TO BALDY MESA ROAD				
J.L. REF.	W.O. NO.	PLAN SCALE	SHT. NO.	TOT. SHT'S.
	H15269	AS SHOWN	2	43

FILE NO. 651850-013

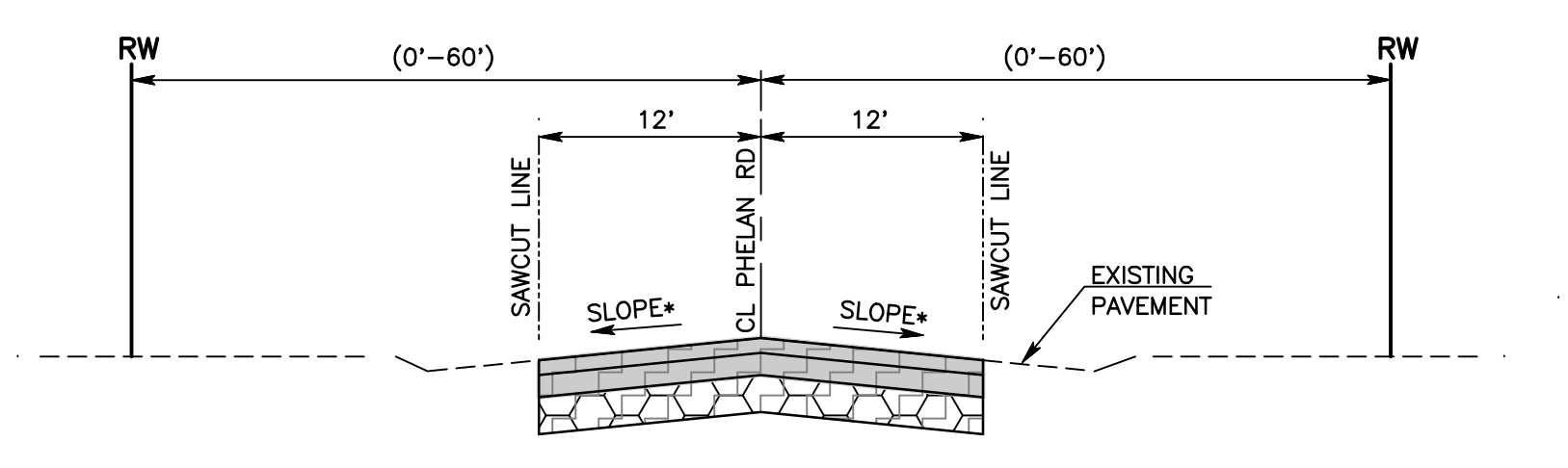


STA 428+07.59 TO STA 437+07.59



STA 257+43.53 TO STA 258+43.53
STA 327+88.86 TO STA 343+88.86

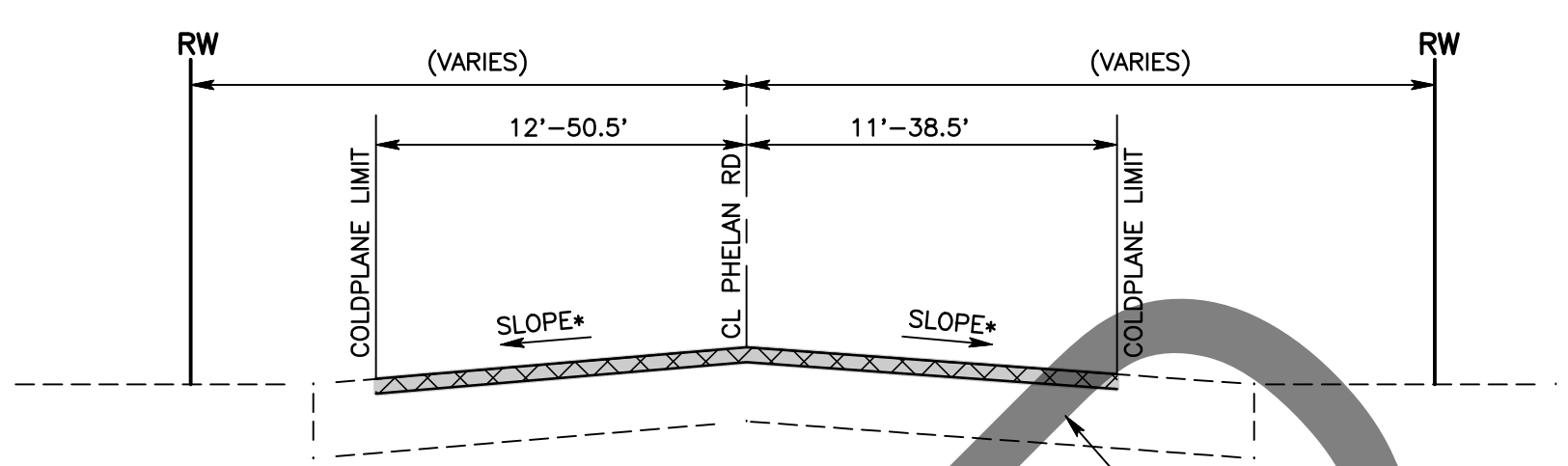
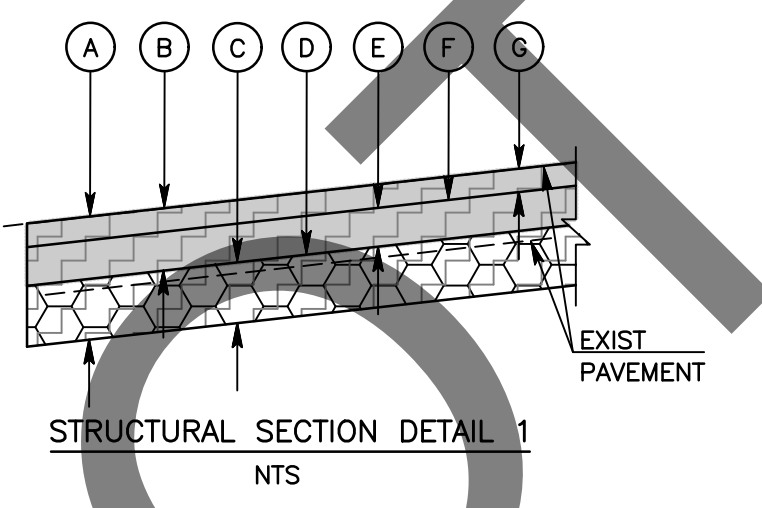
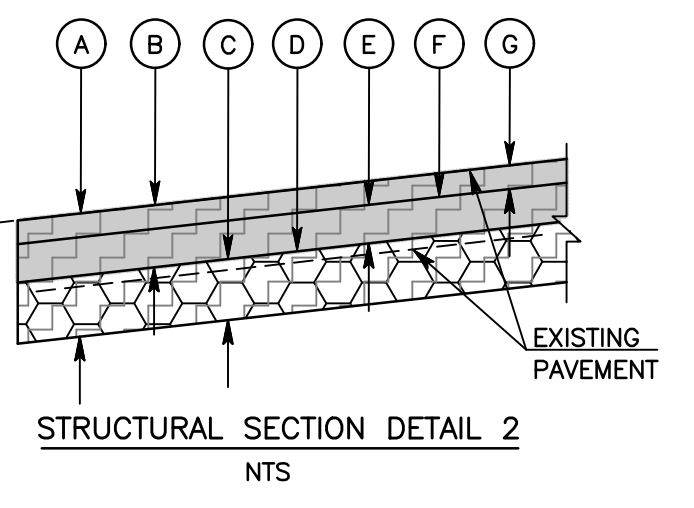
- STRUCTURAL SECTION DETAIL NOTES**
- A PULVERIZE IN PLACE EXISTING AC AND NATIVE MATERIAL TO A DEPTH OF 1.35' BELOW EXISTING TOP OF SURFACE
 - B REMOVE 0.65' OF THE PULVERIZED MATERIAL
 - C ADD 2% CEMENT TO THE REMAINING 0.70' OF THE PULVERIZED MATERIAL AND COMPACT
 - D APPLY PRIME COAT
 - E PLACE 0.45' OF TYPE "A", 1.0" AGGREGATE GRADATION, PG 70-10, HOT MIX ASPHALT
 - F APPLY TACK COAT
 - G PLACE 0.20' OF TYPE "G", 3/4" AGGREGATE GRADATION, 76-22 PM, RUBBERIZED HOT MIX ASPHALT



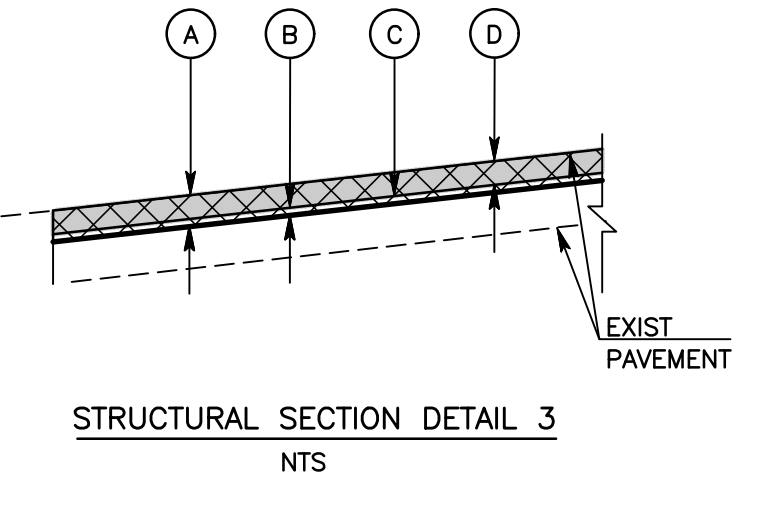
STA 118+26.53 TO STA 155+01.79

- STRUCTURAL SECTION DETAIL NOTES**
- A PULVERIZE IN PLACE EXISTING AC AND NATIVE MATERIAL TO A DEPTH OF 1.20' BELOW EXISTING TOP OF SURFACE
 - B REMOVE 0.60' OF THE PULVERIZED MATERIAL
 - C ADD 2% CEMENT TO THE REMAINING 0.60' OF THE PULVERIZED MATERIAL AND COMPACT
 - D APPLY PRIME COAT
 - E PLACE 0.40' OF TYPE "A", 3/4" AGGREGATE GRADATION, PG 70-10, HOT MIX ASPHALT
 - F APPLY TACK COAT
 - G PLACE 0.20' OF TYPE "G", 3/4" AGGREGATE GRADATION, 76-22 PM, RUBBERIZED HOT MIX ASPHALT

TYPICAL SECTIONS PHELAN ROAD FULL REHAB
NTS

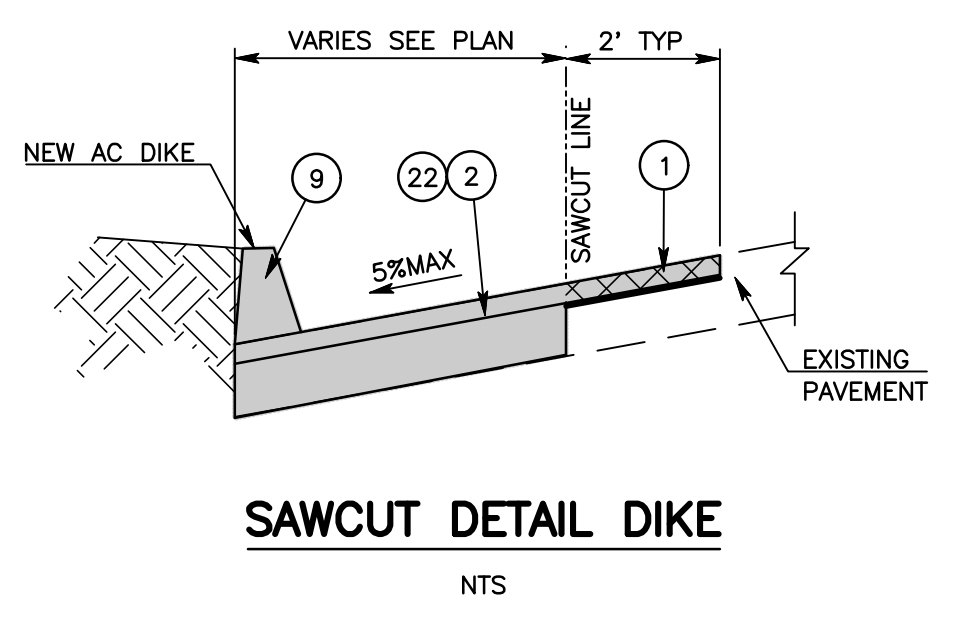
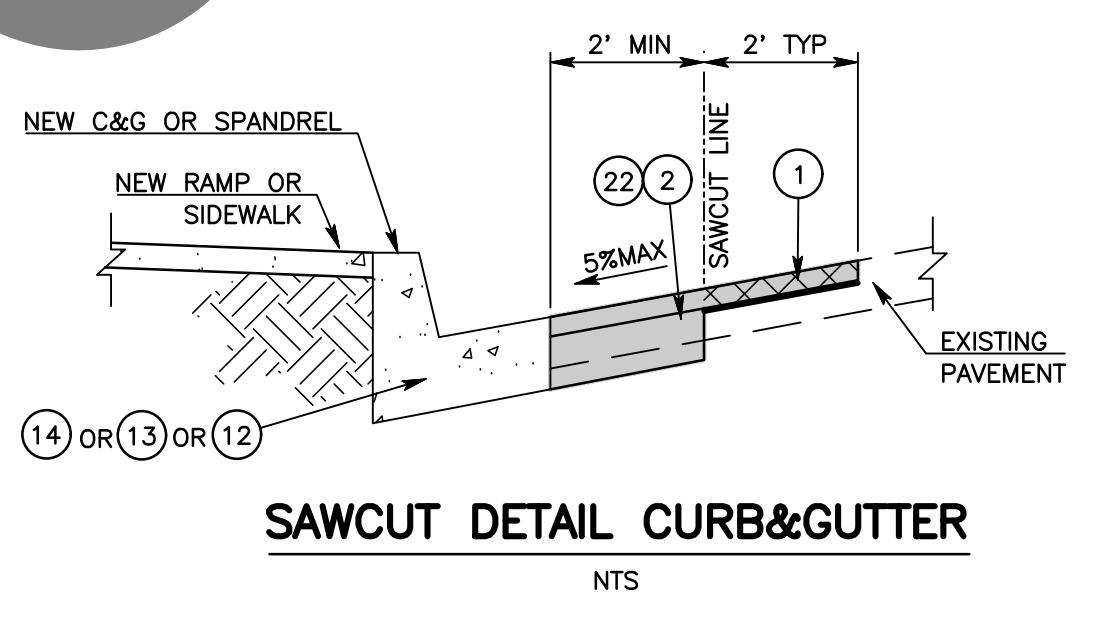


STA 528+47.68 TO STA 588+86.28
 STA 501+43.30 TO STA 515+00.00
 STA 437+07.59 TO STA 489+50.97
 STA 396+27.60 TO STA 428+07.59
 STA 356+78.15 TO STA 383+32.65
 STA 258+43.53 TO STA 327+88.86
 STA 155+01.79 TO STA 257+43.53
 STA 108+45.00 TO STA 118+26.53



- STRUCTURAL SECTION DETAIL NOTES**
- A MILL EXISTING ROAD SURFACE TO A DEPTH OF 0.25'
 - B APPLY RUBBERIZED CHIP SEAL AS SAMI
 - C APPLY TACK COAT
 - D PLACE 0.20' ASPHALT CONCRETE TYPE G 3/4" AGGREGATE BASE, 76-22 PM RUBBERIZED HOT MIX ASPHALT

TYPICAL SECTIONS PHELAN ROAD MILL & OVERLAY
NTS



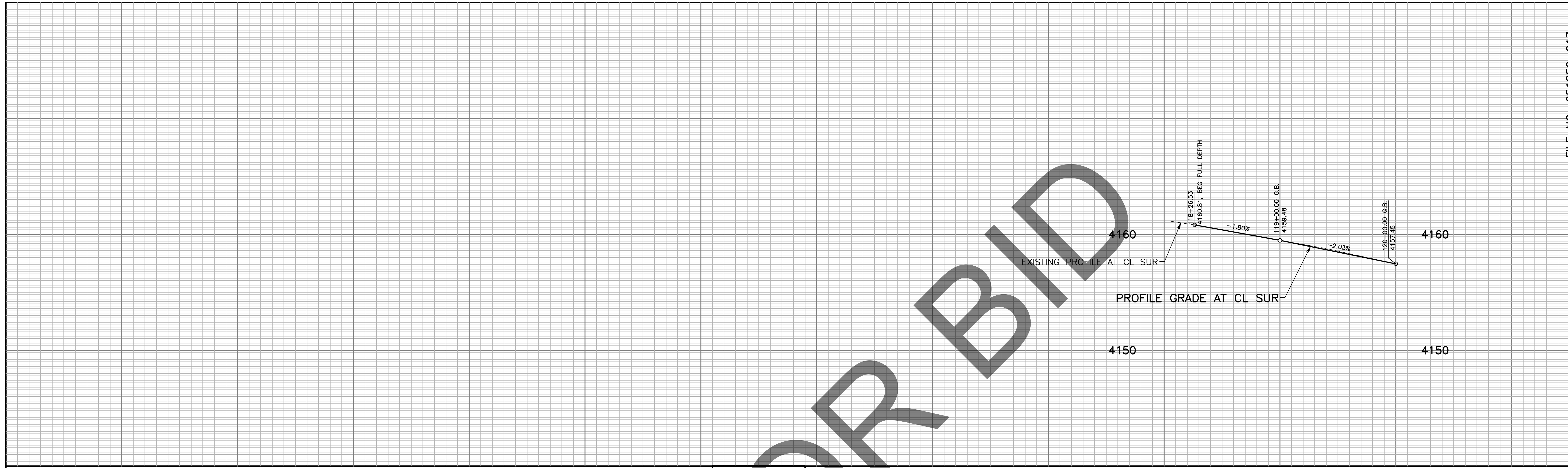
- CONSTRUCTION NOTES:**
- 1 COLD PLANE (0.25' THK) EXISTING ASPHALT CONCRETE PAVEMENT AND PLACE (0.20' THK) ASPHALT CONCRETE TYPE G, 3/4" AG, 76-22 PM RHMA OVER TACK COAT OVER RUBBERIZED CHIP SEAL AS SAMI
 - 2 SAWCUT AND REMOVE EXISTING ASPHALT CONCRETE AND NATURAL GROUND TO A DEPTH OF 0.5'.
 - 9 PLACE ASPHALT CONCRETE DIKE PER COUNTY STD DWG 117
 - 12 CONSTRUCT SPANDREL PER COUNTY STD 119
 - 13 CONSTRUCT 8" CURB AND GUTTER PER CALTRANS STD A87A TYPE A2
 - 14 CONSTRUCT 8" CURB AND GUTTER PER COUNTY STD DWG 115
 - 22 PLACE (0.20' THK) ASPHALT CONCRETE TYPE G, 3/4" AG, 76-22 PM RHMA OVER (0.30' THK) ASPHALT CONCRETE TYPE A, 3/4" AG, PG 70-10 HMA OVER COMPACTED NATIVE SOIL

SLOPE* = SLOPE VARIES MATCH EXISTING

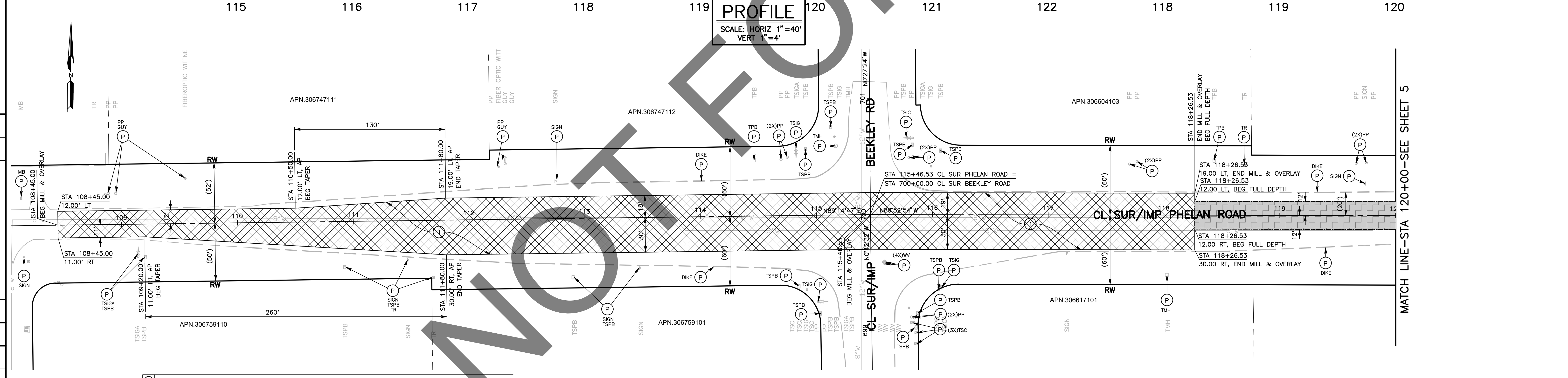
MARK	REVISIONS	DATE

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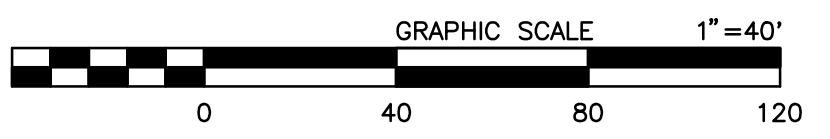
MARK CHANGES NO CHANGES RESIDENT ENGINEER DATE		SAN BERNARDINO COUNTY DEPARTMENT OF PUBLIC WORKS				PHELAN ROAD TYPICAL SECTIONS AND MISC DETAILS PHELAN AREA BEEKLEY ROAD TO BALDY MESA ROAD						
		DESIGNED BY: CBB DRAWN BY: CBB CHECKED BY: IU RECOMMENDED BY: <i>Chris Nguyen</i> CHRIS NGUYEN, P.E. ENGINEERING MANAGER DATE: 6/28/2024	APPROVED BY: <i>Don Johnson</i> DON JOHNSON SUPERVISING PROJECT MANAGER DATE: 6/28/2024					APPROVED BY: <i>Mervat N. Mikhail</i> MERVAT N. MIKHAIL, P.E. DEPUTY DIRECTOR DATE: 7/3/2024				
		FIELD CHANGES	J.L. REF. W.O. NO. H15269	PLAN SCALE AS SHOWN	SHT. NO. 3	TOT. SHT'S. 43						



PROFILE
 SCALE: HORIZ 1"=40'
 VERT 1"=4'



- CONSTRUCTION NOTES:**
- U UTILITIES TO BE RESET BY OTHERS (SEE NOTE U OF GENERAL NOTES ON SHEET 2).
 - P PROTECT IN PLACE
 - 1 COLD PLANE (0.25' THK) EXISTING ASPHALT CONCRETE PAVEMENT AND PLACE (0.20' THK) ASPHALT CONCRETE TYPE G, 3/4" AG, 76-22 PM RHMA OVER TACK COAT OVER RUBBERIZED CHIP SEAL AS SAMI.
 - 8 PLACE STRUCTURAL SECTION PER TYPICAL SECTION AND DETAILS ON SHEET 3.



MARK	REVISIONS	DATE

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	NO CHANGES		

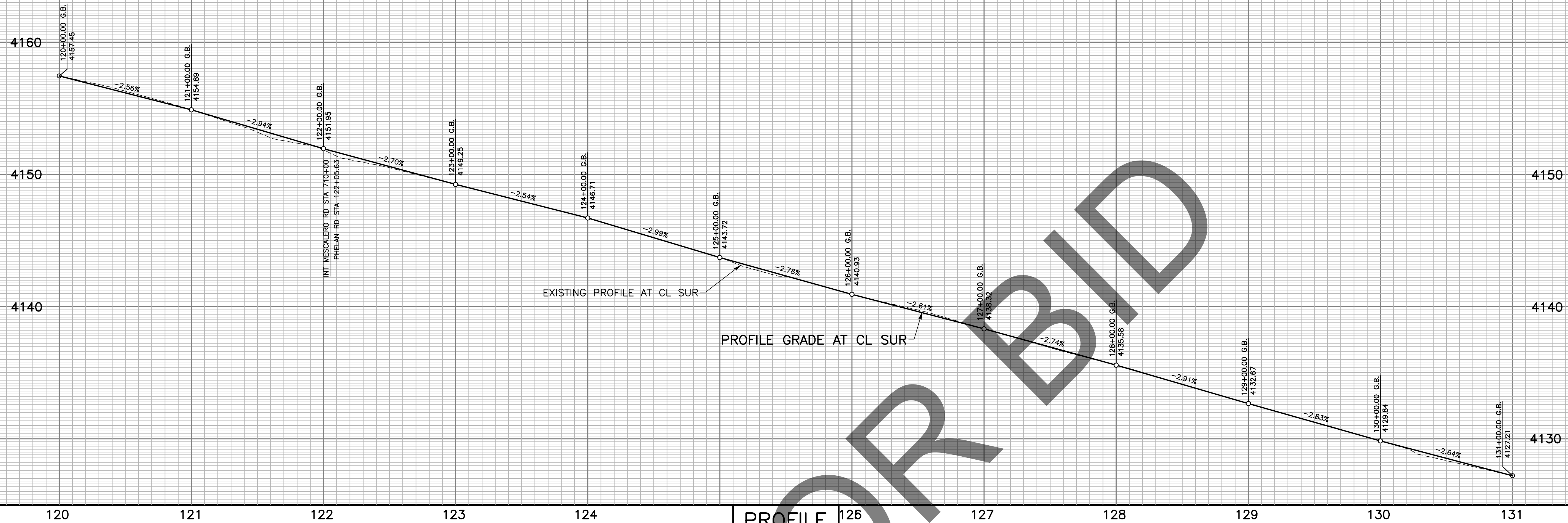
FIELD CHANGES



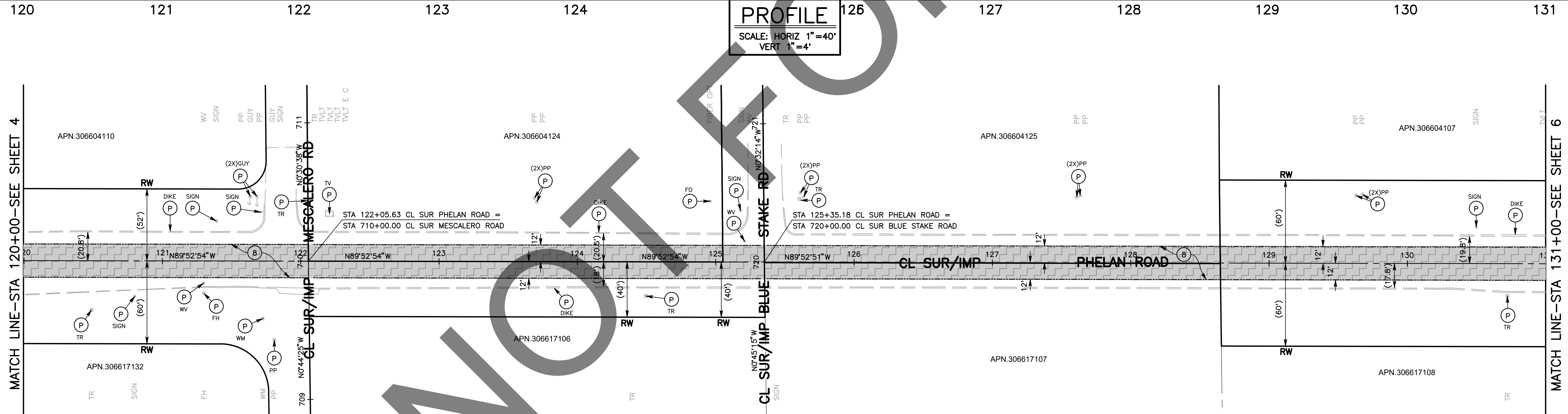
SAN BERNARDINO COUNTY DEPARTMENT OF PUBLIC WORKS			
DESIGNED BY: DJ/MDV	DRAWN BY: MDV	CHECKED BY: IU	RECOMMENDED BY: CHRIS NGUYEN, P.E. ENGINEERING MANAGER 6/28/2024
APPROVED BY: DON JOHNSON SUPERVISING PROJECT MANAGER 6/28/2024		APPROVED BY: MERVAT M. MKHAIL, P.E. DEPUTY DIRECTOR 7/3/2024	

PHELAN ROAD PLAN AND PROFILE PHELAN AREA BEEKLEY ROAD TO BALDY MESA ROAD				
J.L. REF. J.L.	W.O. NO. H15269	PLAN SCALE 1"=40'	SHT. NO. 4	TOT. SHT'S. 43

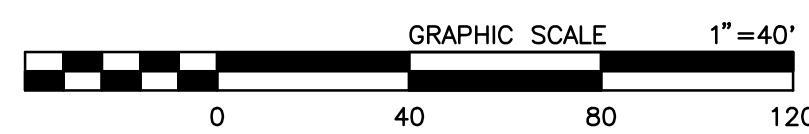
MATCH LINE-STA 120+00-SEE SHEET 5



PROFILE
 SCALE: HORIZ 1"=40'
 VERT 1"=4'



- CONSTRUCTION NOTES:**
- U UTILITIES TO BE RESET BY OTHERS (SEE NOTE U OF GENERAL NOTES ON SHEET 2).
 - P PROTECT IN PLACE.
 - B PLACE STRUCTURAL SECTION PER TYPICAL SECTION AND DETAILS ON SHEET 3.



MARK	REVISIONS	APPR.	DATE

MARK	REVISIONS	APPR.	DATE

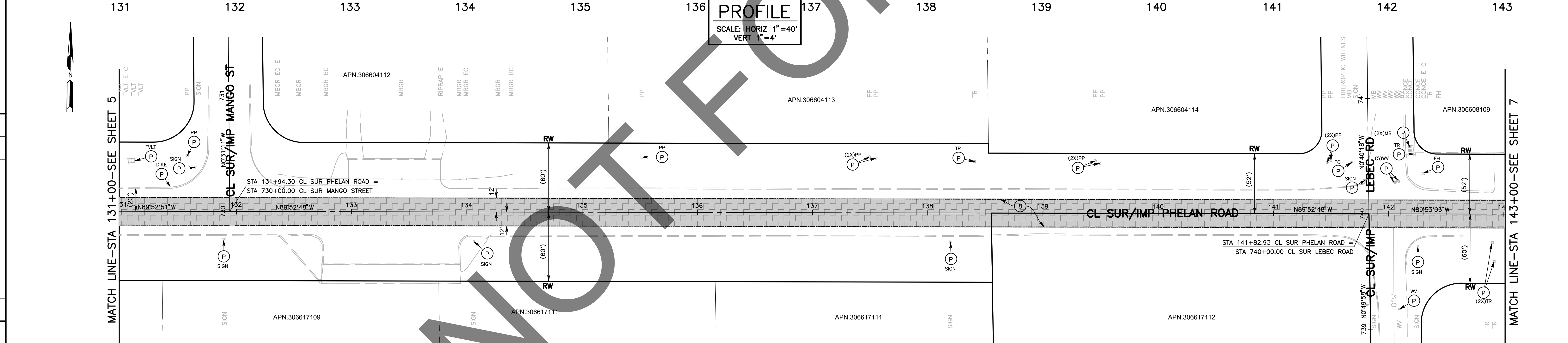
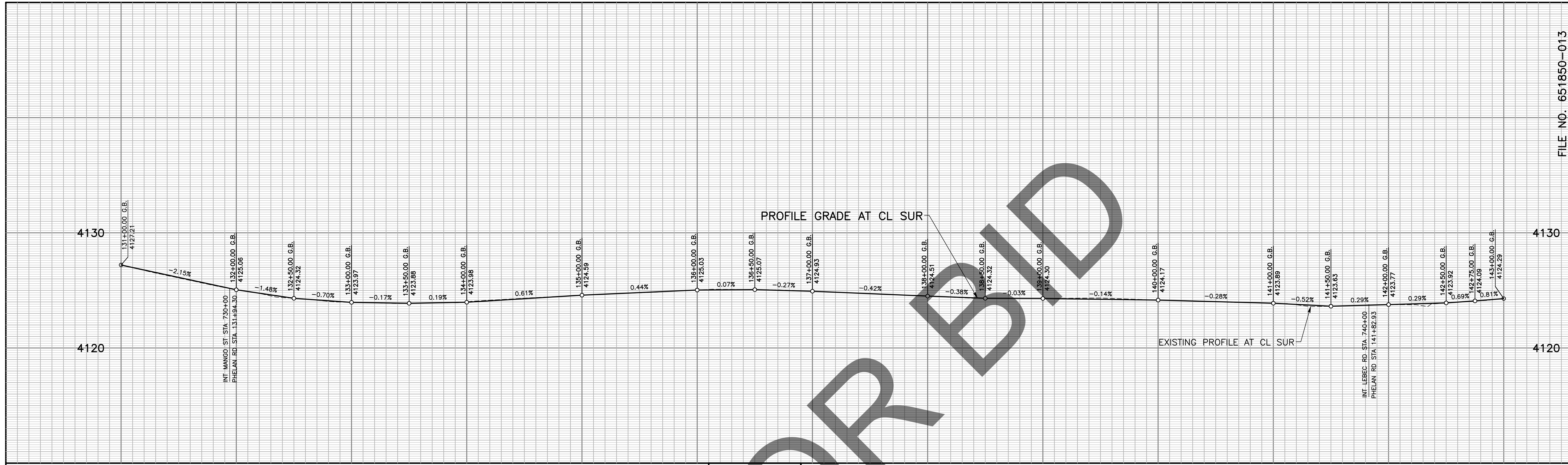
FILE NO. 651850-013

MARK	CHANGES	RESIDENT ENGINEER	DATE
	NO CHANGES		
FIELD CHANGES			



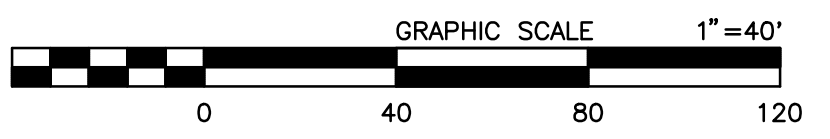
SAN BERNARDINO COUNTY DEPARTMENT OF PUBLIC WORKS			
DESIGNED BY: DJ/MDV	DRAWN BY: MDV	CHECKED BY: IU	RECOMMENDED BY: Chris Nguyen ENGINEERING MANAGER 6/28/2024
APPROVED BY: Don Johnson SUPERVISING PROJECT MANAGER 6/28/2024			APPROVED BY: Mervat Y. Mikhail, P.E. DEPUTY DIRECTOR 7/3/2024

PHELAN ROAD PLAN AND PROFILE PHELAN AREA BEEKLEY ROAD TO BALDY MESA ROAD				
J.L. REF.	W.O. NO.	PLAN SCALE	SHT. NO.	TOT. SHT'S.
	H15269	1"=40'	5	43



PROFILE
 SCALE: HORIZ 1"=40'
 VERT 1"=4'

- CONSTRUCTION NOTES:**
- U UTILITIES TO BE RESET BY OTHERS (SEE NOTE U OF GENERAL NOTES ON SHEET 2).
 - P PROTECT IN PLACE.
 - B PLACE STRUCTURAL SECTION PER TYPICAL SECTION AND DETAILS ON SHEET 3.



MARK	REVISIONS	APPR.	DATE

MARK	REVISIONS	APPR.	DATE

FILE NO. 651850-013

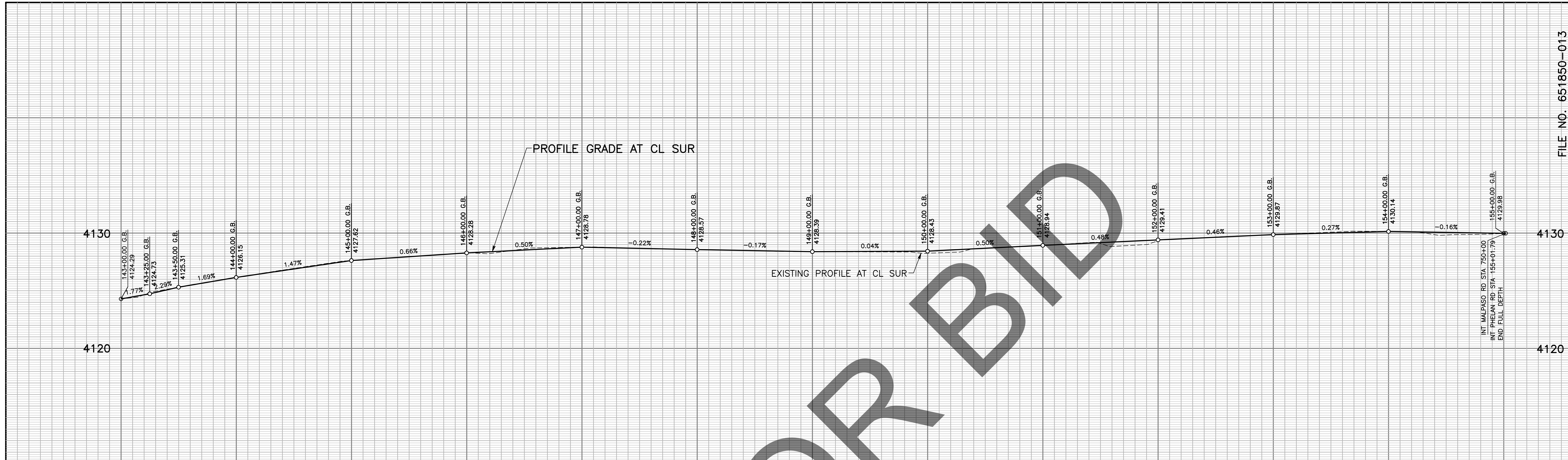
MARK	CHANGES	RESIDENT ENGINEER	DATE
	NO CHANGES		

FIELD CHANGES

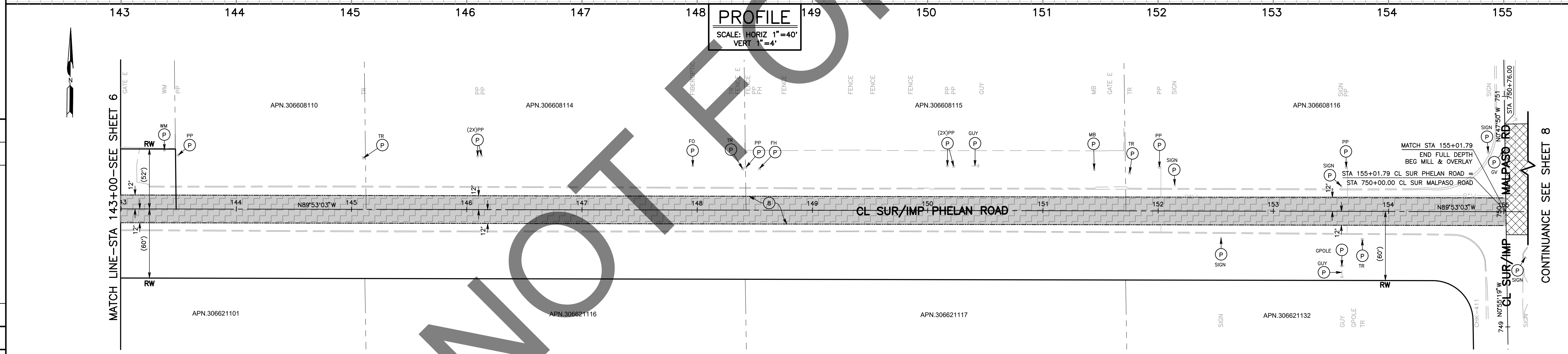


SAN BERNARDINO COUNTY DEPARTMENT OF PUBLIC WORKS			
DESIGNED BY: DJ/MDV	DRAWN BY: MDV	CHECKED BY: IU	RECOMMENDED BY: Chris Nguyen 6/28/2024
APPROVED BY: Don Johnson 6/28/2024		APPROVED BY: Mervat N. Mikhail, P.E. 7/3/2024	

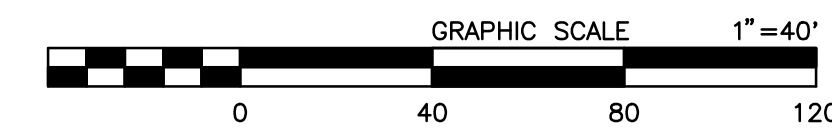
PHELAN ROAD PLAN AND PROFILE PHELAN AREA BEEKLEY ROAD TO BALDY MESA ROAD				
J.L. REF.	W.O. NO.	PLAN SCALE	SHT. NO.	TOT. SHT'S.
J.L.	H15269	1"=40'	6	43



PROFILE
 SCALE: HORIZ 1"=40'
 VERT 1"=4'



- CONSTRUCTION NOTES:**
- U UTILITIES TO BE RESET BY OTHERS (SEE NOTE U OF GENERAL NOTES ON SHEET 2).
 - P PROTECT IN PLACE.
 - B PLACE STRUCTURAL SECTION PER TYPICAL SECTION AND DETAILS ON SHEET 3.



MARK	REVISIONS	DATE

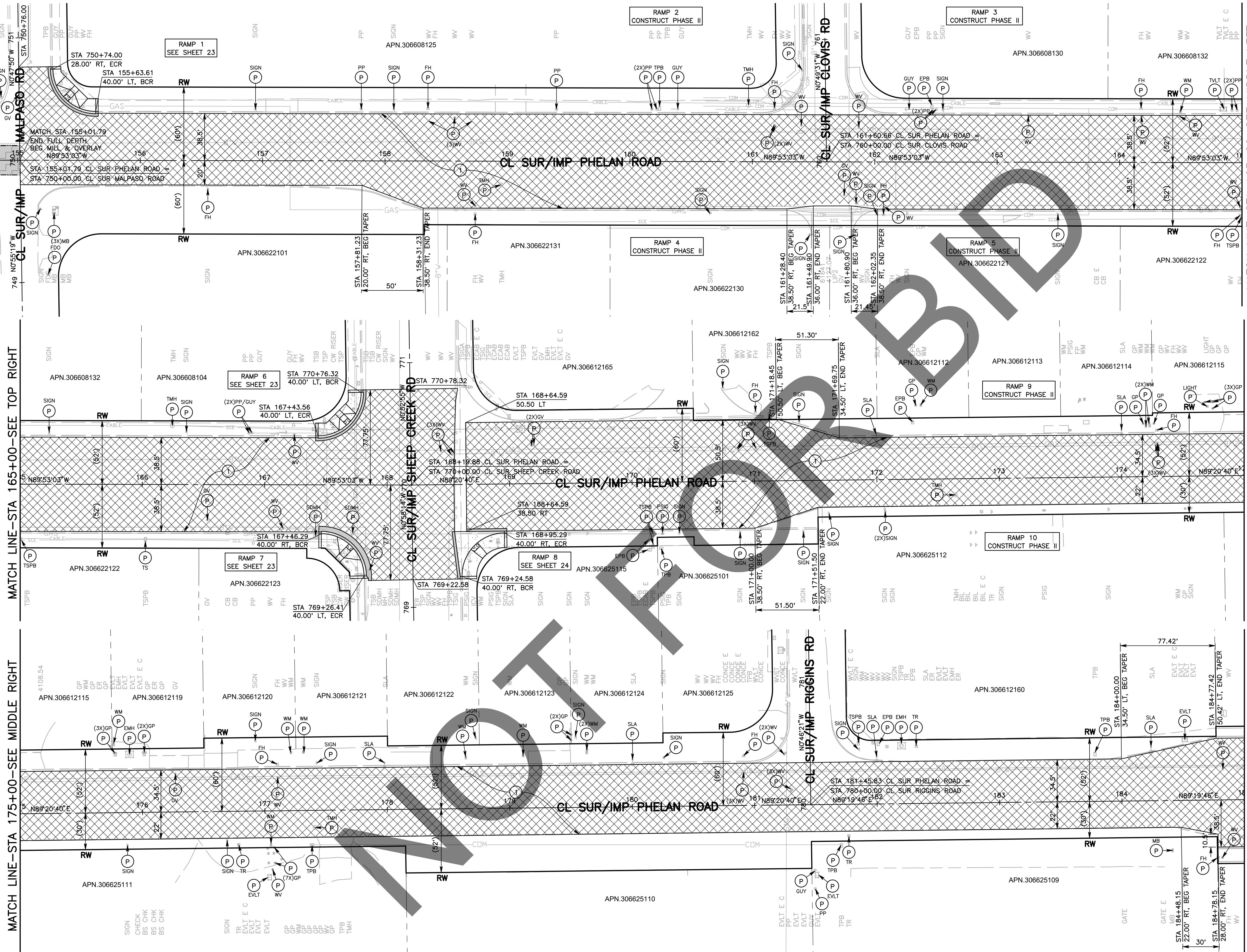
MARK	REVISIONS	DATE

FILE NO. 651850-013

CONTINUANCE SEE SHEET 8

		SAN BERNARDINO COUNTY DEPARTMENT OF PUBLIC WORKS				PHELAN ROAD PLAN AND PROFILE PHELAN AREA BEEKLEY ROAD TO BALDY MESA ROAD										
		DESIGNED BY: DJ/MDV	DRAWN BY: MDV	CHECKED BY: IU	RECOMMENDED BY: <i>Chris Nguyen</i> CHRIS NGUYEN, P.E. ENGINEERING MANAGER	6/28/2024 DATE		APPROVED BY: <i>Don Johnson</i> DON JOHNSON SUPERVISING PROJECT MANAGER		6/28/2024 DATE		7/3/2024 DATE		J.L. REF. J.L.	W.O. NO. H15269	PLAN SCALE 1"=40'
FIELD CHANGES MARK CHANGES NO CHANGES RESIDENT ENGINEER DATE																

CONTINUANCE SEE SHEET 7



MATCH LINE—STA 165+00—SEE TOP RIGHT

MATCH LINE—STA 175+00—SEE MIDDLE RIGHT

MATCH LINE—STA 165+00—SEE MIDDLE LEFT

MATCH LINE—STA 175+00—SEE BOTTOM LEFT

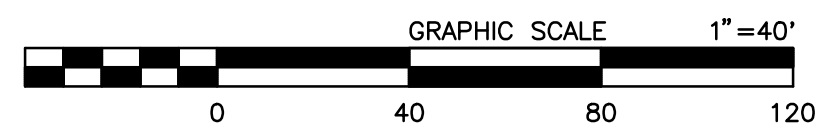
MATCH LINE—STA 185+00—SEE SHEET 9

MARK	REVISIONS	DATE	APPR.

MARK	REVISIONS	DATE	APPR.

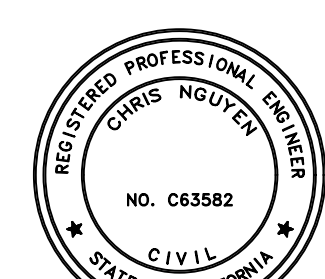
FILE NO. 651850-013

- CONSTRUCTION NOTES:**
- U UTILITIES TO BE RESET BY OTHERS (SEE NOTE U OF GENERAL NOTES ON SHEET 2). PROTECT IN PLACE.
 - 1 COLD PLANE (0.25" THK) EXISTING ASPHALT CONCRETE PAVEMENT AND PLACE (0.20" THK) ASPHALT CONCRETE TYPE G, 3/4" AG, 76-22 PM RHMA OVER TACK COAT OVER RUBBERIZED CHIP SEAL AS SAMI.



MARK	CHANGES	RESIDENT ENGINEER	DATE
	NO CHANGES		

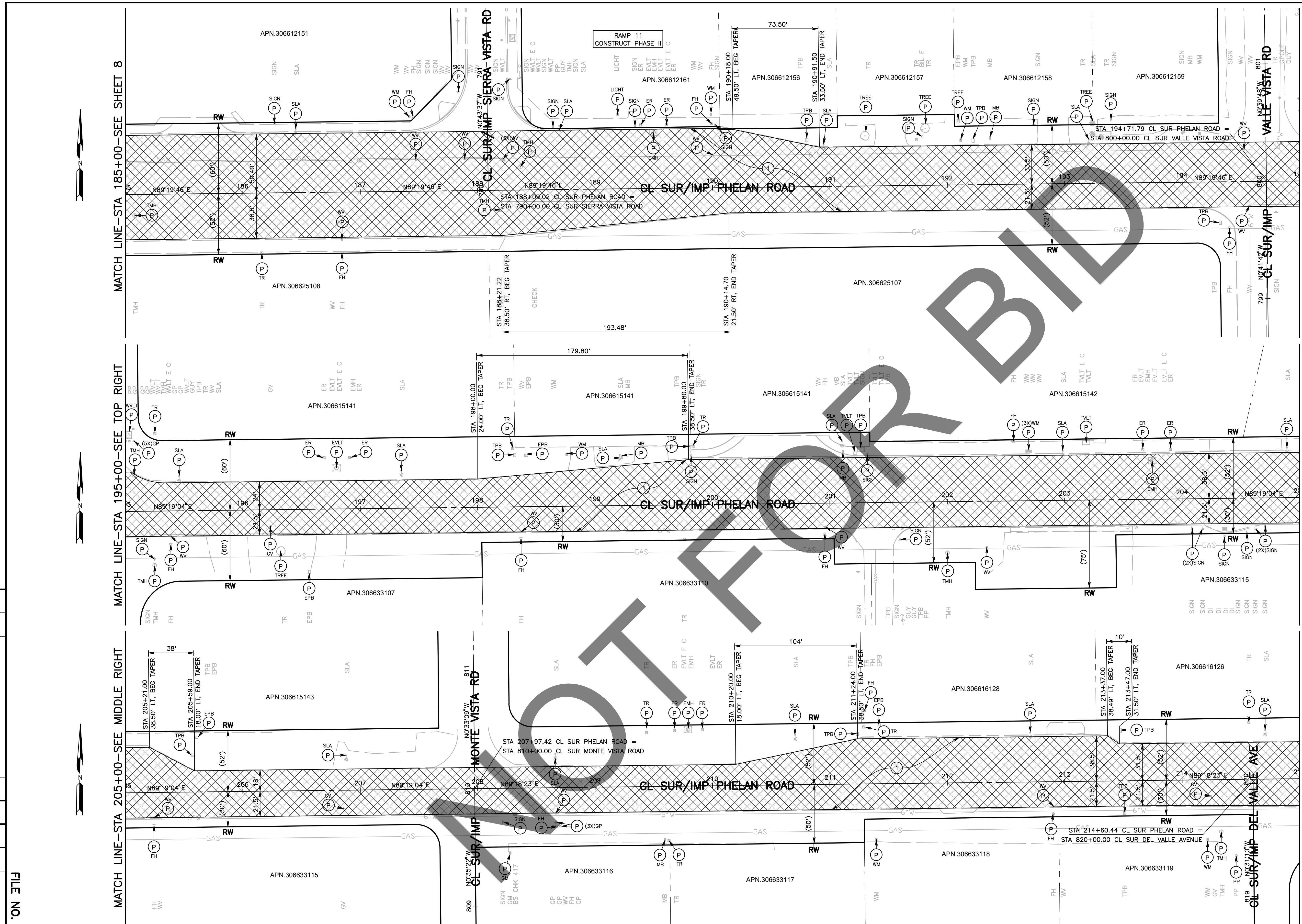
FIELD CHANGES



SAN BERNARDINO COUNTY DEPARTMENT OF PUBLIC WORKS			
DESIGNED BY: DJ/MDV	DRAWN BY: MDV	CHECKED BY: IU	RECOMMENDED BY: Chris Nguyen, P.E. ENGINEERING MANAGER
APPROVED BY: Don Johnson SUPERVISING PROJECT MANAGER			DATE: 6/28/2024
APPROVED BY: Mervat M. Mikhail, P.E. DEPUTY DIRECTOR			DATE: 7/3/2024

PHELAN ROAD PLAN PHELAN AREA BEEKLEY ROAD TO BALDY MESA ROAD				
J.L. REF. J.L.	W.O. NO. H15269	PLAN SCALE 1"=40'	SHT. NO. 8	TOT. SHT'S. 43

FILE NO. 651850-013



MATCH LINE-STA 185+00-SEE SHEET 8

MATCH LINE-STA 195+00-SEE TOP RIGHT

MATCH LINE-STA 205+00-SEE MIDDLE RIGHT

MATCH LINE-STA 195+00-SEE MIDDLE LEFT

MATCH LINE-STA 205+00-SEE BOTTOM LEFT

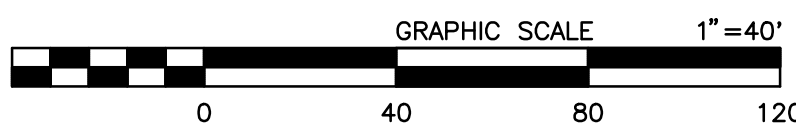
MATCH LINE-STA 215+00-SEE SHEET 10

MARK	REVISIONS	DATE

MARK	REVISIONS	DATE

FILE NO. 651850-013

- CONSTRUCTION NOTES:**
- U UTILITIES TO BE RESET BY OTHERS (SEE NOTE U OF GENERAL NOTES ON SHEET 2). PROTECT IN PLACE.
 - 1 COLD PLANE (0.25" THK) EXISTING ASPHALT CONCRETE PAVEMENT AND PLACE (0.20" THK) ASPHALT CONCRETE TYPE G, 3/4" AG, 76-22 PM RHMA OVER TACK COAT OVER RUBBERIZED CHIP SEAL AS SAMI.



MARK	CHANGES	RESIDENT ENGINEER	DATE	
	NO CHANGES			

FIELD CHANGES



SAN BERNARDINO COUNTY DEPARTMENT OF PUBLIC WORKS			
DESIGNED BY: DJ/MDV	DRAWN BY: MDV	CHECKED BY: IU	RECOMMENDED BY: <i>Chris Nguyen</i> CHRIS NGUYEN, P.E. ENGINEERING MANAGER
APPROVED BY: <i>Don Johnson</i> DON JOHNSON SUPERVISING PROJECT MANAGER			DATE: 6/28/2024
APPROVED BY: <i>Mervat M. Mikhail</i> MERVAT M. MKHAIL, P.E. DEPUTY DIRECTOR			DATE: 7/3/2024

PHELAN ROAD PLAN PHELAN AREA BEEKLEY ROAD TO BALDY MESA ROAD				
J.L. REF. J.L.	W.O. NO. H15269	PLAN SCALE 1"=40'	SHT. NO. 9	TOT. SHT'S. 43

FILE NO. 651850-013

FILE NO. 651850-013

MATCH LINE—STA 215+00—SEE SHEET 9

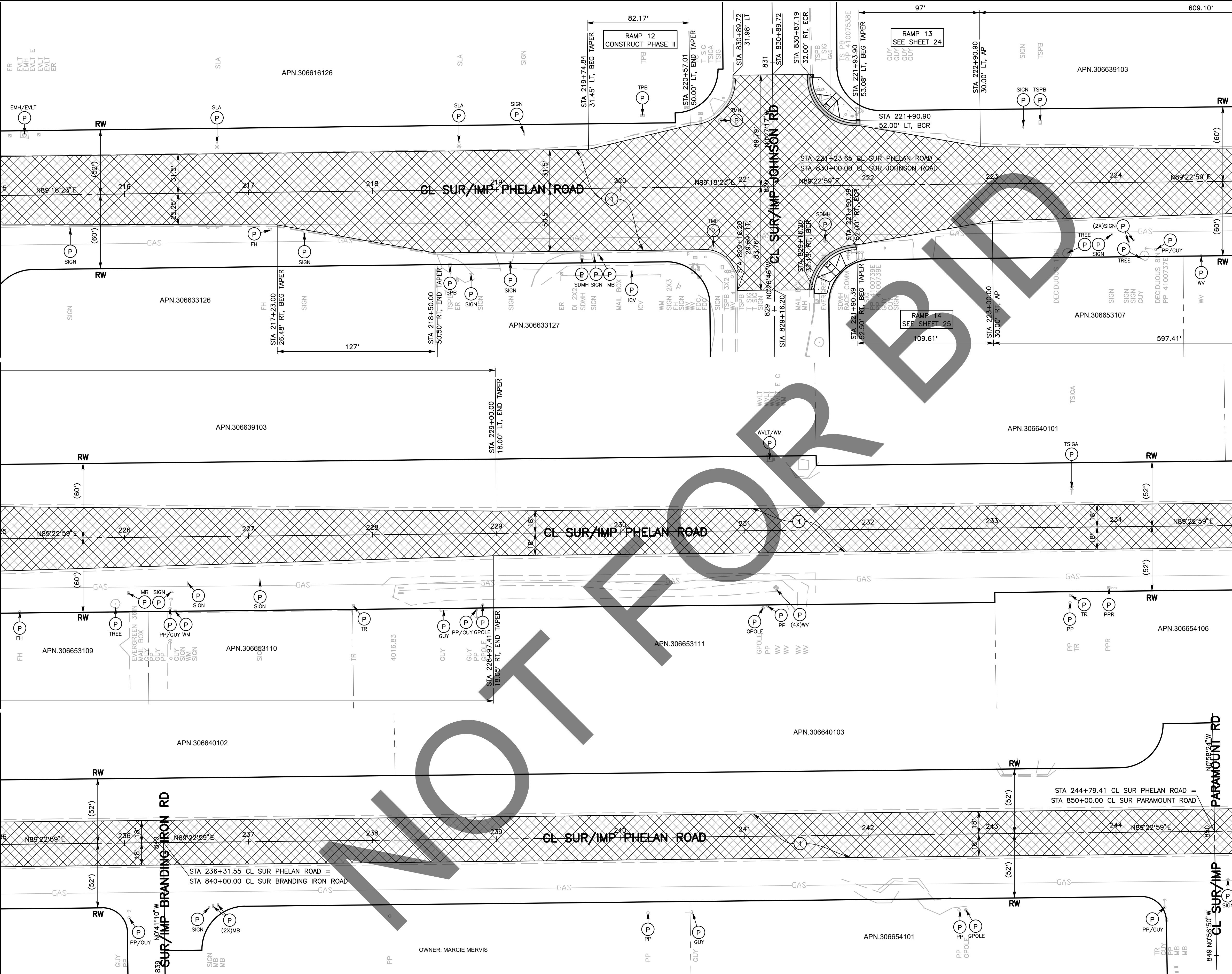
MATCH LINE—STA 225+00—SEE TOP RIGHT

MATCH LINE—STA 235+00—SEE MIDDLE RIGHT

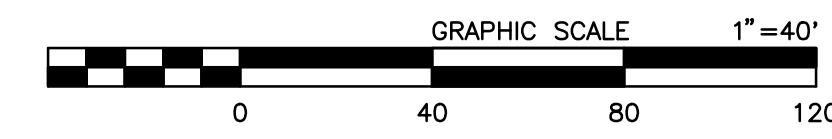
MATCH LINE—STA 225+00—SEE MIDDLE LEFT

MATCH LINE—STA 235+00—SEE BOTTOM LEFT

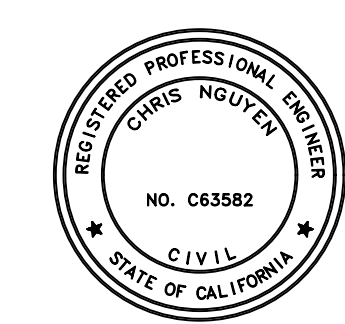
MATCH LINE—STA 245+00—SEE SHEET 11



- CONSTRUCTION NOTES:**
- U UTILITIES TO BE RESET BY OTHERS (SEE NOTE U OF GENERAL NOTES ON SHEET 2).
 - P PROTECT IN PLACE.
 - 1 COLD PLANE (0.25" THK) EXISTING ASPHALT CONCRETE PAVEMENT AND PLACE (0.20" THK) ASPHALT CONCRETE TYPE G, 3/4" AG, 76-22 PM RHMA OVER TACK COAT OVER RUBBERIZED CHIP SEAL AS SAMI.

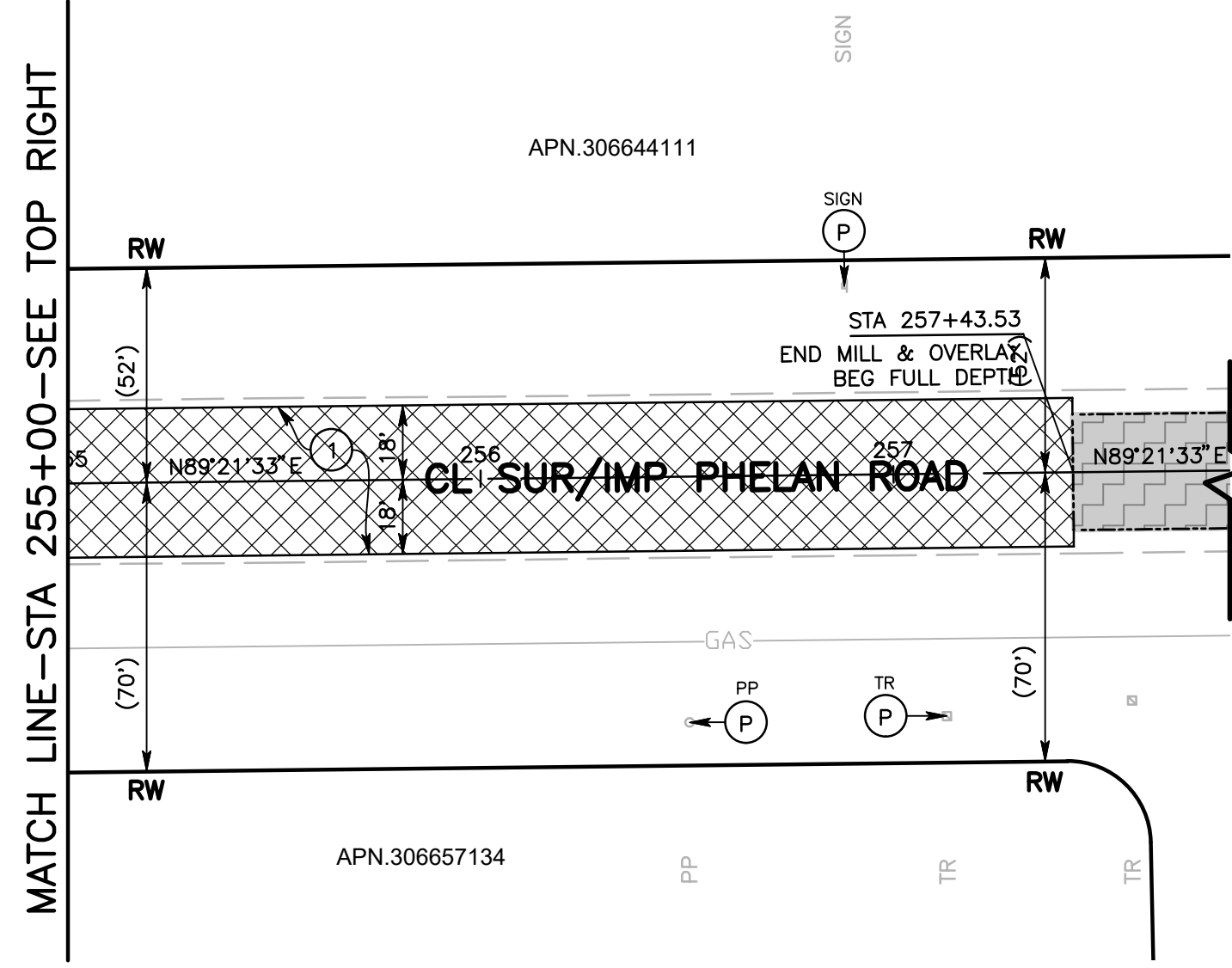
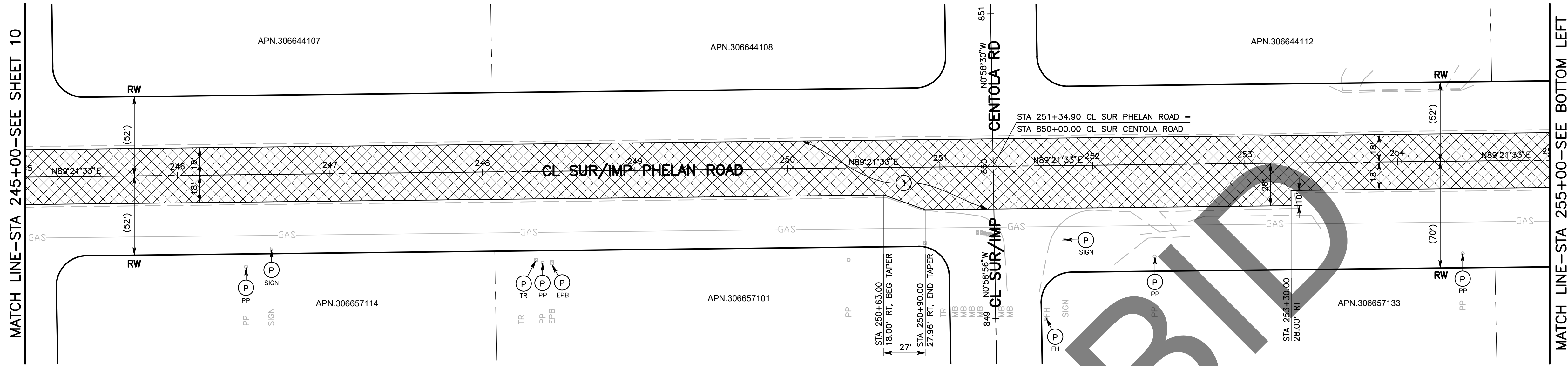


FIELD CHANGES	
MARK	CHANGES
	NO CHANGES
RESIDENT ENGINEER	DATE



SAN BERNARDINO COUNTY DEPARTMENT OF PUBLIC WORKS			
DESIGNED BY: DJ/MDV	DRAWN BY: MDV	CHECKED BY: IU	RECOMMENDED BY: Chris Nguyen, P.E. ENGINEERING MANAGER
APPROVED BY: Don Johnson SUPERVISING PROJECT MANAGER		DATE: 6/28/2024	DATE: 7/3/2024

PHELAN ROAD PLAN PHELAN AREA BEEKLEY ROAD TO BALDY MESA ROAD				
J.L. REF.	W.O. NO.	PLAN SCALE	SHT. NO.	TOT. SHT'S.
	H15269	1"=40'	10	43

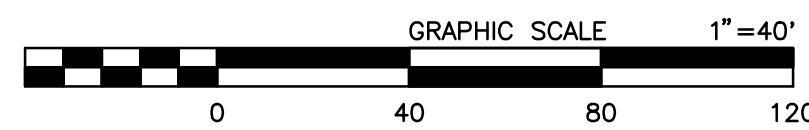


CONTINUANCE SEE SHEET 12

NOT FOR BIDDING

CONSTRUCTION NOTES:

- U UTILITIES TO BE RESET BY OTHERS (SEE NOTE U OF GENERAL NOTES ON SHEET 2). PROTECT IN PLACE.
- 1 COLD PLANE (0.25' THK) EXISTING ASPHALT CONCRETE PAVEMENT AND PLACE (0.20' THK) ASPHALT CONCRETE TYPE G, 3/4" AG, 76-22 PM RHMA OVER TACK COAT OVER RUBBERIZED CHIP SEAL AS SAMI.



MARK	REVISIONS	DATE

MARK	REVISIONS	DATE

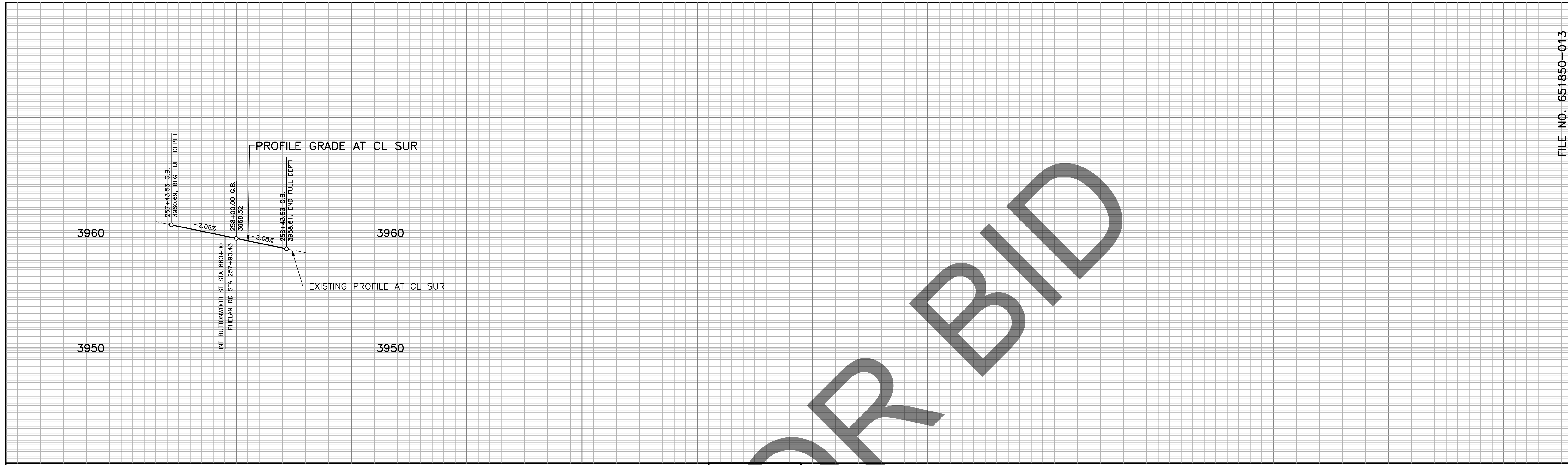
FILE NO. 651850-013

FIELD CHANGES NO CHANGES	RESIDENT ENGINEER _____ DATE _____
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SAN BERNARDINO COUNTY DEPARTMENT OF PUBLIC WORKS			
DESIGNED BY:	DRAWN BY:	CHECKED BY:	RECOMMENDED BY:
DJ/MDV	MDV	IU	Chris Nguyen 6/28/2024 CHRIS NGUYEN, S.E. ENGINEERING MANAGER
APPROVED BY:		MERVAT N. MUKHAIL, P.E. DEPUTY DIRECTOR 7/3/2024	
DON JOHNSON 6/28/2024 SUPERVISING PROJECT MANAGER			

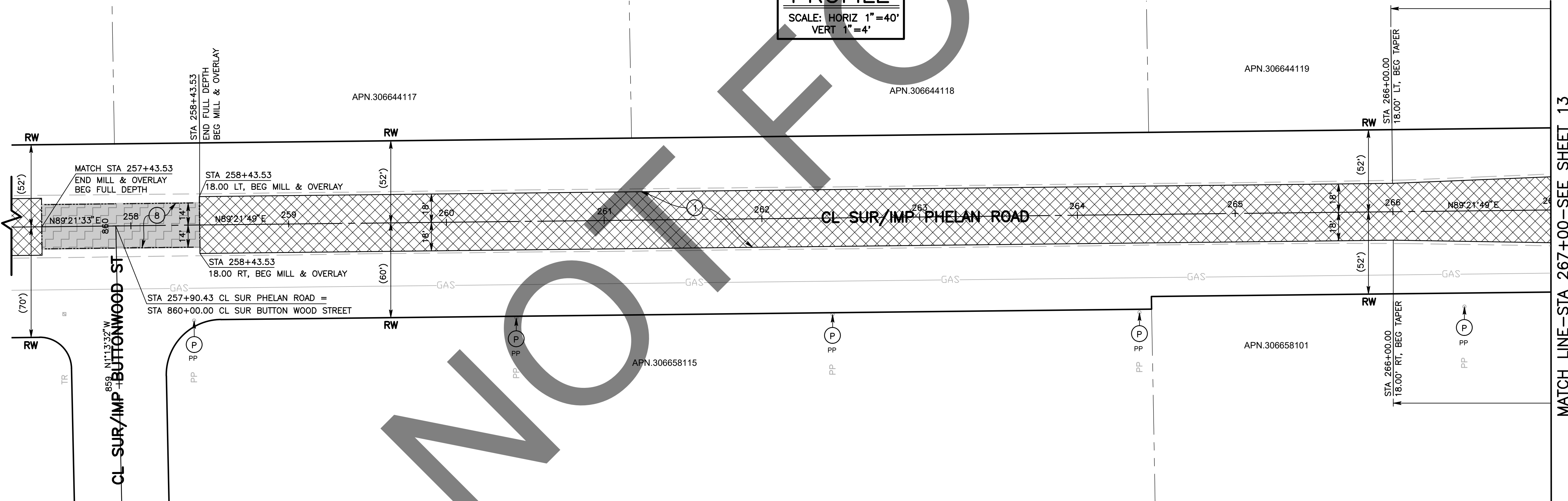
PHELAN ROAD PLAN PHELAN AREA BEEKLEY ROAD TO BALDY MESA ROAD				
J.L. REF.	W.O. NO.	PLAN SCALE	SHT. NO.	TOT. SHT'S.
J.L.	H15269	1"=40'	11	43



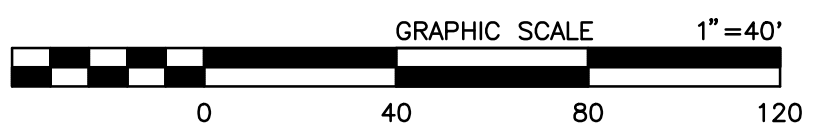
PROFILE
 SCALE: HORIZ 1"=40'
 VERT 1"=4'

CONTINUANCE SEE SHEET 11

MATCH LINE—STA 267+00—SEE SHEET 13



- CONSTRUCTION NOTES:
- U UTILITIES TO BE RESET BY OTHERS (SEE NOTE U OF GENERAL NOTES ON SHEET 2).
 - P PROTECT IN PLACE
 - 1 COLD PLANE (0.25' THK) EXISTING ASPHALT CONCRETE PAVEMENT AND PLACE (0.20' THK) ASPHALT CONCRETE TYPE G, 3/4" AG, 76-22 PM RHMA OVER TACK COAT OVER RUBBERIZED CHIP SEAL AS SAMI.
 - 8 PLACE STRUCTURAL SECTION PER TYPICAL SECTION AND DETAILS ON SHEET 3.



MARK	REVISIONS	DATE

FILE NO. 651850-013

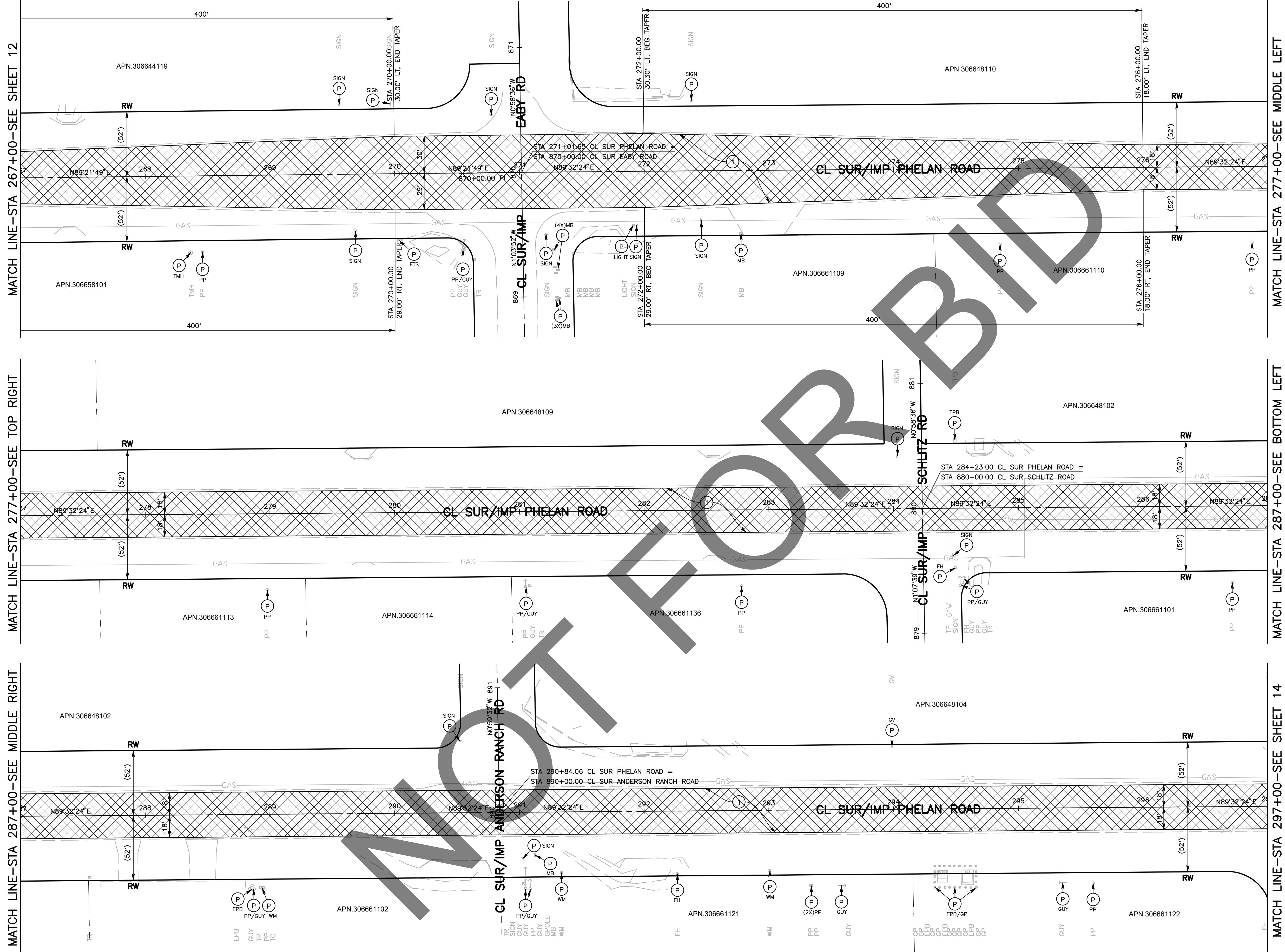
MARK	CHANGES	RESIDENT ENGINEER	DATE
	NO CHANGES		

FIELD CHANGES

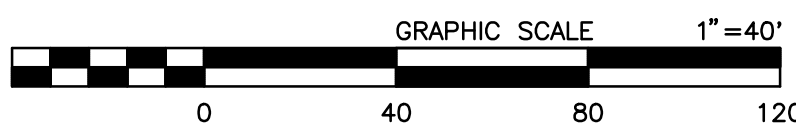


SAN BERNARDINO COUNTY DEPARTMENT OF PUBLIC WORKS			
DESIGNED BY: DJ/MDV	DRAWN BY: MDV	CHECKED BY: IU	RECOMMENDED BY: Chris Nguyen ENGINEERING MANAGER 6/28/2024
APPROVED BY: Don Johnson SUPERVISING PROJECT MANAGER 6/28/2024	DATE	APPROVED BY: Mervat N. Mikhail, P.E. DEPUTY DIRECTOR 7/3/2024	DATE

PHELAN ROAD PLAN AND PROFILE PHELAN AREA BEEKLEY ROAD TO BALDY MESA ROAD				
J.L.	W.O. NO. H15269	PLAN SCALE 1"=40'	SHT. NO. 12	TOT. SHT'S. 43



- CONSTRUCTION NOTES:**
- U UTILITIES TO BE RESET BY OTHERS (SEE NOTE U OF GENERAL NOTES ON SHEET 2). PROTECT IN PLACE.
 - 1 COLD PLANE (0.25" THK) EXISTING ASPHALT CONCRETE PAVEMENT AND PLACE (0.20" THK) ASPHALT CONCRETE TYPE G, 3/4" AG, 76-22 PM RHMA OVER TACK COAT OVER RUBBERIZED CHIP SEAL AS SAMI.



MARK	REVISIONS	DATE

MARK	REVISIONS	DATE

FILE NO. 651850-013

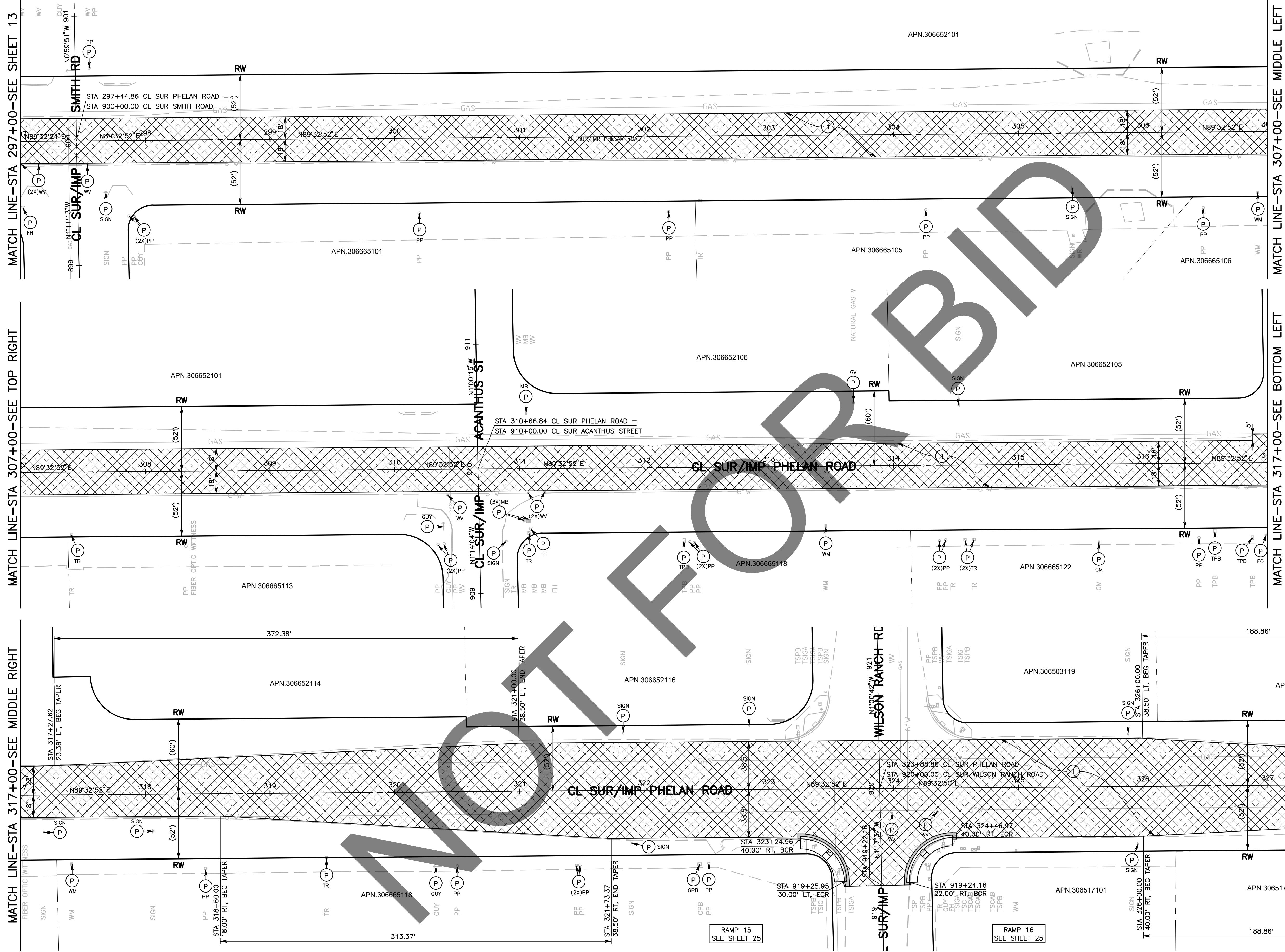
MARK	CHANGES	RESIDENT ENGINEER	DATE
	NO CHANGES		

FIELD CHANGES



SAN BERNARDINO COUNTY DEPARTMENT OF PUBLIC WORKS			
DESIGNED BY: DJ/MDV	DRAWN BY: MDV	CHECKED BY: IU	RECOMMENDED BY: Chris Nguyen 6/28/2024
APPROVED BY: Don Johnson 6/28/2024		APPROVED BY: Mervat M. Mikhail, P.E. 7/3/2024	
SUPERVISING PROJECT MANAGER		DEPUTY DIRECTOR	

PHELAN ROAD PLAN PHELAN AREA BEEKLEY ROAD TO BALDY MESA ROAD				
J.L. REF.	W.O. NO.	PLAN SCALE	SHT. NO.	TOT. SHT'S.
	H15269	1"=40'	13	43



MATCH LINE-STA 297+00-SEE SHEET 13

MATCH LINE-STA 307+00-SEE TOP RIGHT

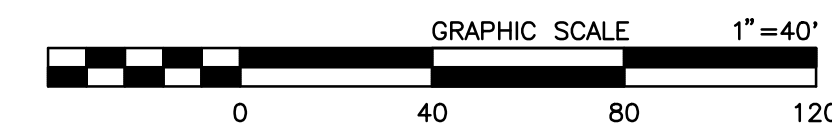
MATCH LINE-STA 317+00-SEE MIDDLE RIGHT

MATCH LINE-STA 307+00-SEE MIDDLE LEFT

MATCH LINE-STA 317+00-SEE BOTTOM LEFT

CONTINUANCE SEE SHEET 15

- CONSTRUCTION NOTES:**
- U UTILITIES TO BE RESET BY OTHERS (SEE NOTE U OF GENERAL NOTES ON SHEET 2). PROTECT IN PLACE.
 - 1 COLD PLANE (0.25" THK) EXISTING ASPHALT CONCRETE PAVEMENT AND PLACE (0.20" THK) ASPHALT CONCRETE TYPE G, 3/4" AG, 76-22 PM RHMA OVER TACK COAT OVER RUBBERIZED CHIP SEAL AS SAMI.



MARK	CHANGES	RESIDENT ENGINEER	DATE
	NO CHANGES		

FIELD CHANGES

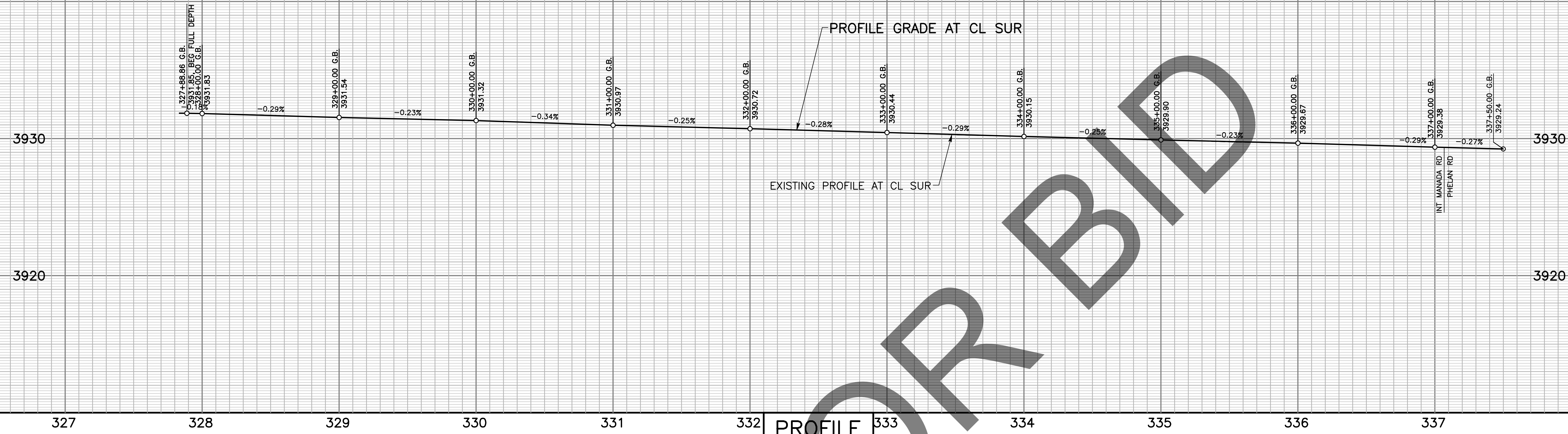


SAN BERNARDINO COUNTY DEPARTMENT OF PUBLIC WORKS			
DESIGNED BY: DJ/MDV	DRAWN BY: MDV	CHECKED BY: IU	RECOMMENDED BY: <i>Chris Nguyen</i> CHRIS NGUYEN, P.E. ENGINEERING MANAGER
APPROVED BY: <i>Don Johnson</i> DON JOHNSON SUPERVISING PROJECT MANAGER		DATE: 6/28/2024	DATE: 7/3/2024

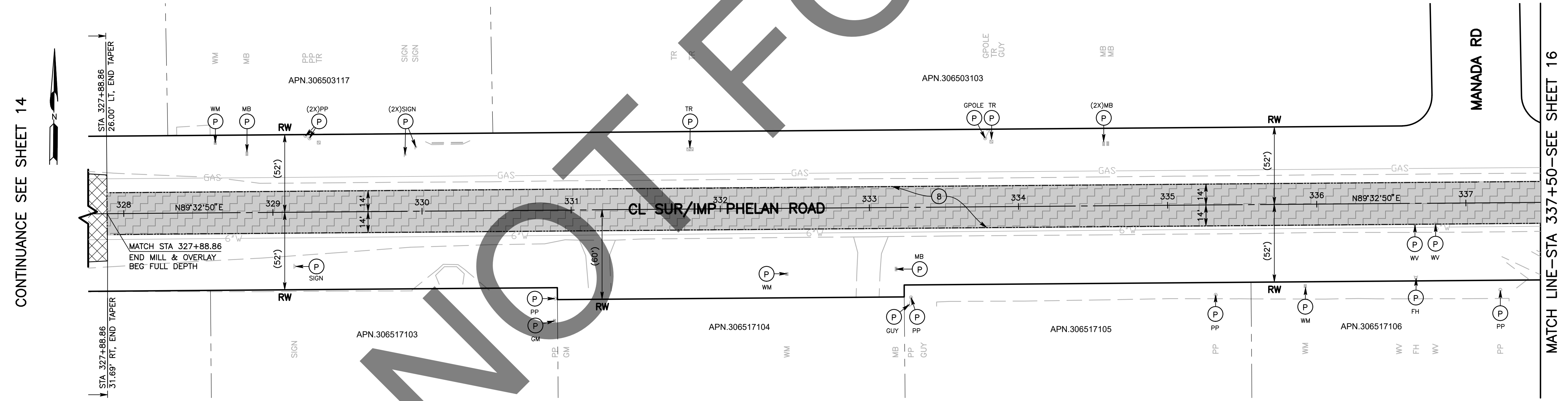
PHELAN ROAD PLAN PHELAN AREA BEEKLEY ROAD TO BALDY MESA ROAD				
J.L. REF.:	W.O. NO.:	PLAN SCALE:	SHT. NO.:	TOT. SHT'S.:
J.L.	H15269	1"=40'	14	43

MARK	REVISIONS	DATE	APPR.

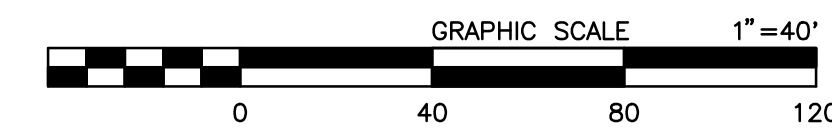
MARK	REVISIONS	DATE	APPR.



PROFILE
SCALE: HORIZ 1"=40'
VERT 1"=4'



- CONSTRUCTION NOTES:**
- U UTILITIES TO BE RESET BY OTHERS (SEE NOTE U OF GENERAL NOTES ON SHEET 2).
 - P PROTECT IN PLACE.
 - B PLACE STRUCTURAL SECTION PER TYPICAL SECTION AND DETAILS ON SHEET 3.



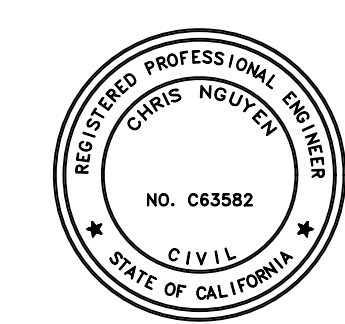
MARK	REVISIONS	DATE

MARK	REVISIONS	DATE

FILE NO. 651850-013

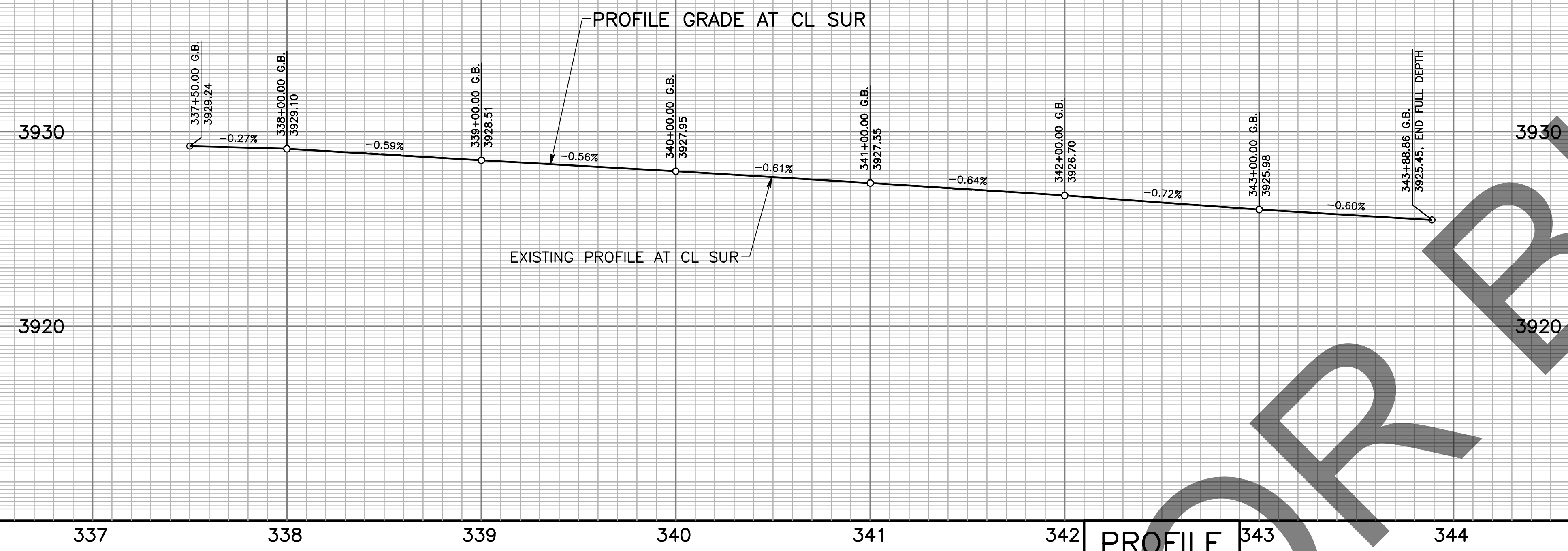
MARK	CHANGES	RESIDENT ENGINEER	DATE
	NO CHANGES		

FIELD CHANGES



SAN BERNARDINO COUNTY DEPARTMENT OF PUBLIC WORKS			
DESIGNED BY: DJ/MDV	DRAWN BY: MDV	CHECKED BY: IU	RECOMMENDED BY: Chris Nguyen 6/28/2024
APPROVED BY: Don Johnson SUPERVISING PROJECT MANAGER 6/28/2024		APPROVED BY: Mervat N. Mikhail, P.E. DEPUTY DIRECTOR 7/3/2024	

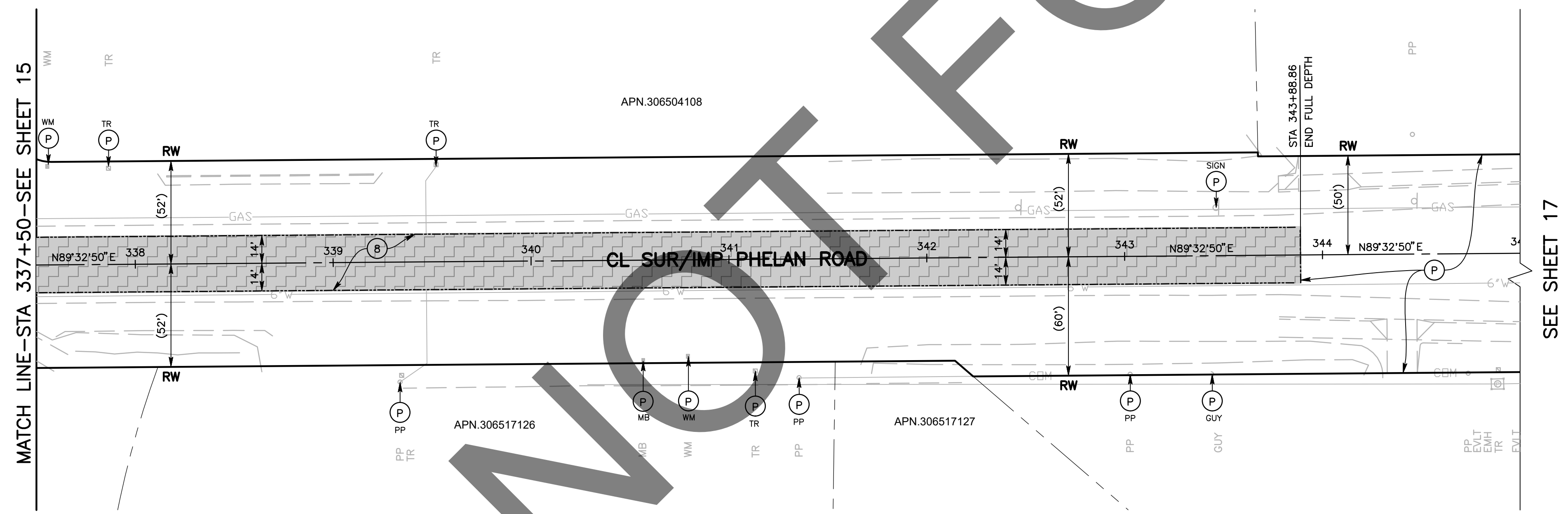
PHELAN ROAD PLAN AND PROFILE PHELAN AREA BEEKLEY ROAD TO BALDY MESA ROAD				
J.L. REF.	W.O. NO.	PLAN SCALE	SHT. NO.	TOT. SHT'S.
J.L.	H15269	1"=40'	15	43



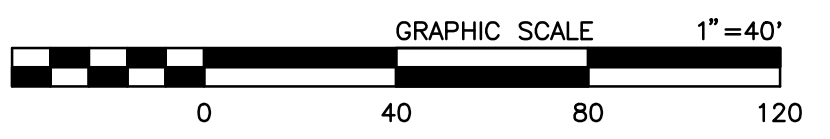
PROFILE
 SCALE: HORIZ 1"=40'
 VERT 1"=4'

MARK	REVISIONS	DATE

MARK	REVISIONS	DATE



- CONSTRUCTION NOTES:**
- U UTILITIES TO BE RESET BY OTHERS (SEE NOTE U OF GENERAL NOTES ON SHEET 2).
 - P PROTECT IN PLACE.
 - B PLACE STRUCTURAL SECTION PER TYPICAL SECTION AND DETAILS ON SHEET 3.



MARK	CHANGES	RESIDENT ENGINEER	DATE
	NO CHANGES		

FIELD CHANGES



SAN BERNARDINO COUNTY DEPARTMENT OF PUBLIC WORKS			
DESIGNED BY: DJ/MDV	DRAWN BY: MDV	CHECKED BY: IU	RECOMMENDED BY: Chris Nguyen 6/28/2024
APPROVED BY: Don Johnson SUPERVISING PROJECT MANAGER 6/28/2024		APPROVED BY: Mervat N. Mikhail, P.E. DEPUTY DIRECTOR 7/3/2024	

PHELAN ROAD PLAN AND PROFILE PHELAN AREA BEEKLEY ROAD TO BALDY MESA ROAD				
J.L. REF.	W.O. NO.	PLAN SCALE	SHT. NO.	TOT. SHT'S.
J.L.	H15269	1"=40'	16	43

SEE SHEET 16

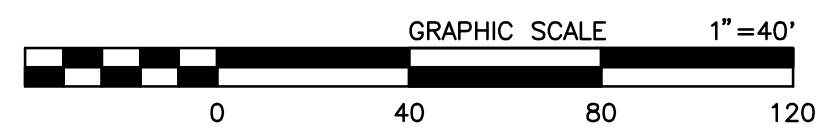
MATCH LINE-STA 367+00-SEE TOP RIGHT

MATCH LINE-STA 377+00-SEE MIDDLE RIGHT

MATCH LINE-STA 377+00-SEE BOTTOM LEFT

MATCH LINE-STA 367+00-SEE MIDDLE LEFT

- CONSTRUCTION NOTES:
- U UTILITIES TO BE RESET BY OTHERS (SEE NOTE U OF GENERAL NOTES ON SHEET 2). PROTECT IN PLACE.
 - 1 COLD PLANE (0.25" THK) EXISTING ASPHALT CONCRETE PAVEMENT AND PLACE (0.20" THK) ASPHALT CONCRETE TYPE G, 3/4" AG, 76-22 PM RHMA OVER TACK COAT OVER RUBBERIZED CHIP SEAL AS SAMI.



MARK	REVISIONS	DATE

MARK	REVISIONS	DATE

FILE NO. 651850-013

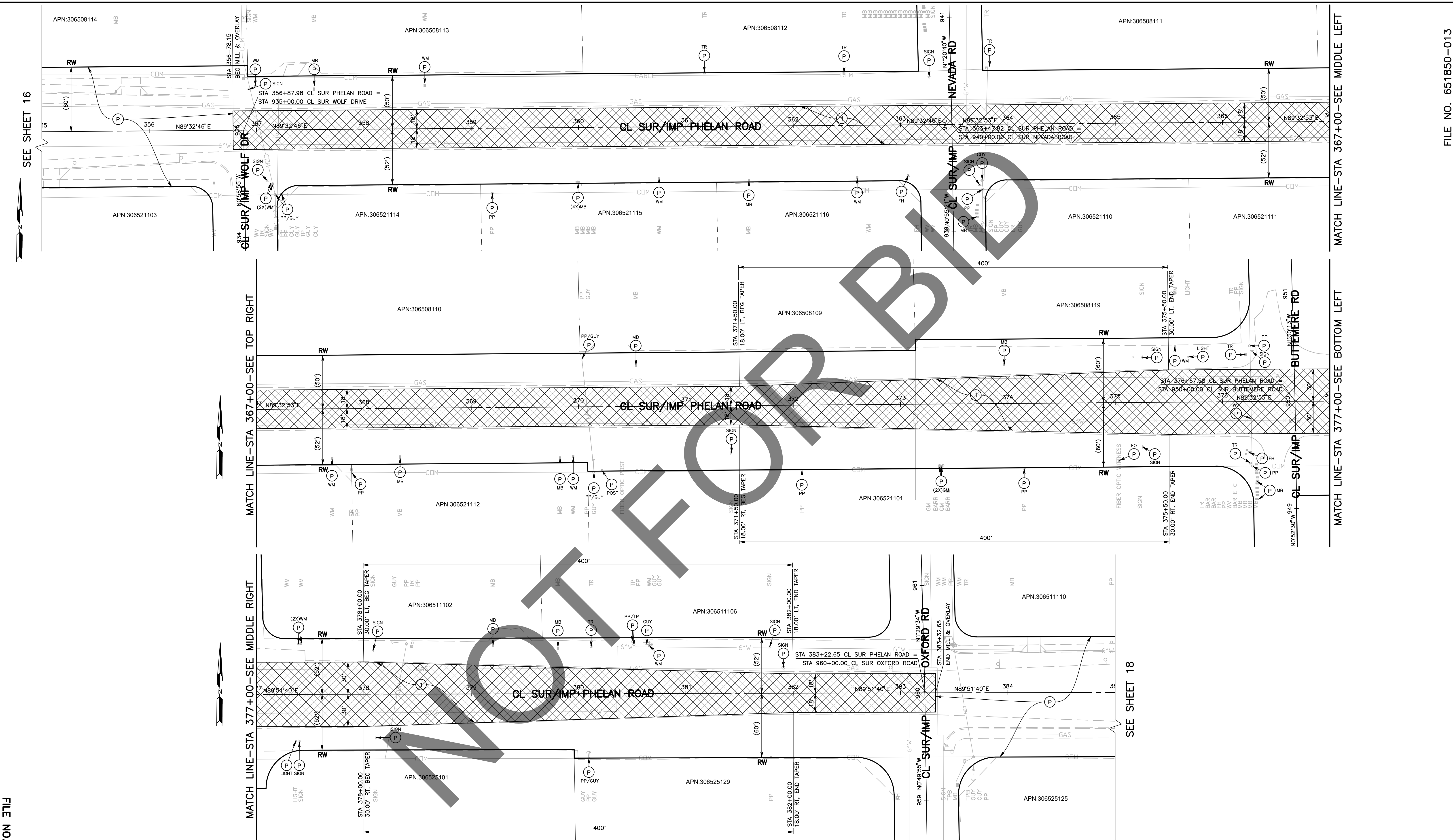
MARK	CHANGES	RESIDENT ENGINEER	DATE
	NO CHANGES		

FIELD CHANGES

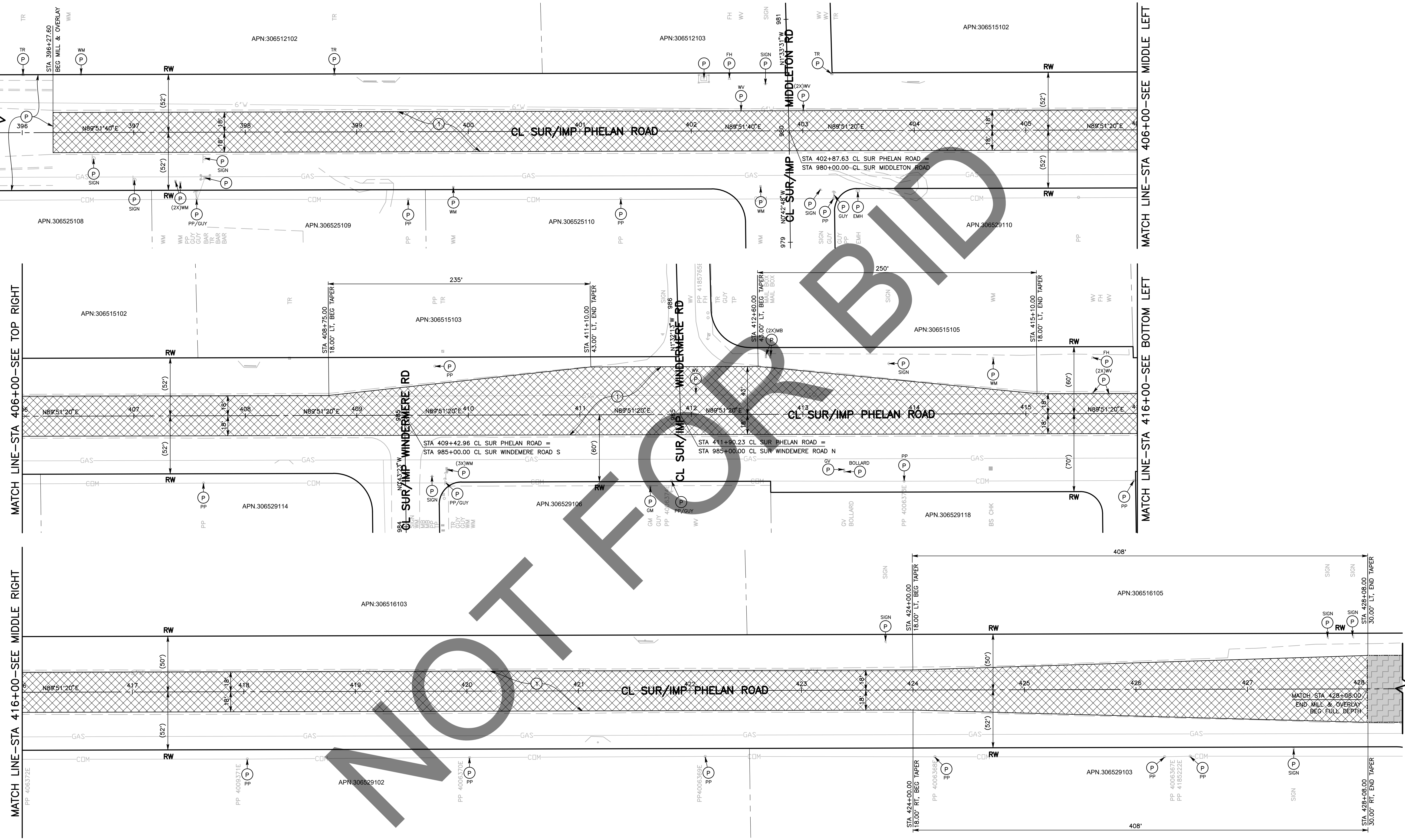


SAN BERNARDINO COUNTY DEPARTMENT OF PUBLIC WORKS			
DESIGNED BY: DJ/MDV	DRAWN BY: MDV	CHECKED BY: IU	RECOMMENDED BY: Chris Nguyen, P.E. ENGINEERING MANAGER 6/28/2024
APPROVED BY: Don Johnson SUPERVISING PROJECT MANAGER 6/28/2024		APPROVED BY: Mervat R. Mikhail, P.E. DEPUTY DIRECTOR 7/3/2024	

PHELAN ROAD PLAN PHELAN AREA BEEKLEY ROAD TO BALDY MESA ROAD				
J.L. REF. J.L.	W.O. NO. H15269	PLAN SCALE 1"=40'	SHT. NO. 17	TOT. SHT'S. 43



SEE SHEET 17

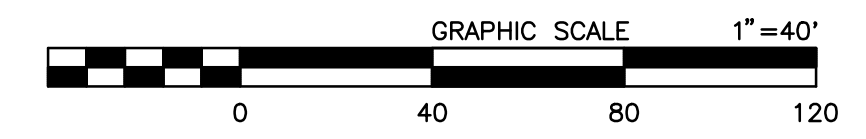


MARK	REVISIONS	DATE

MARK	REVISIONS	DATE

FILE NO. 651850-013

- CONSTRUCTION NOTES:**
- U UTILITIES TO BE RESET BY OTHERS (SEE NOTE U OF GENERAL NOTES ON SHEET 2). PROTECT IN PLACE.
 - 1 COLD PLANE (0.25" THK) EXISTING ASPHALT CONCRETE PAVEMENT AND PLACE (0.20" THK) ASPHALT CONCRETE TYPE G, 3/4" AG, 76-22 PM RHMA OVER TACK COAT OVER RUBBERIZED CHIP SEAL AS SAMI.



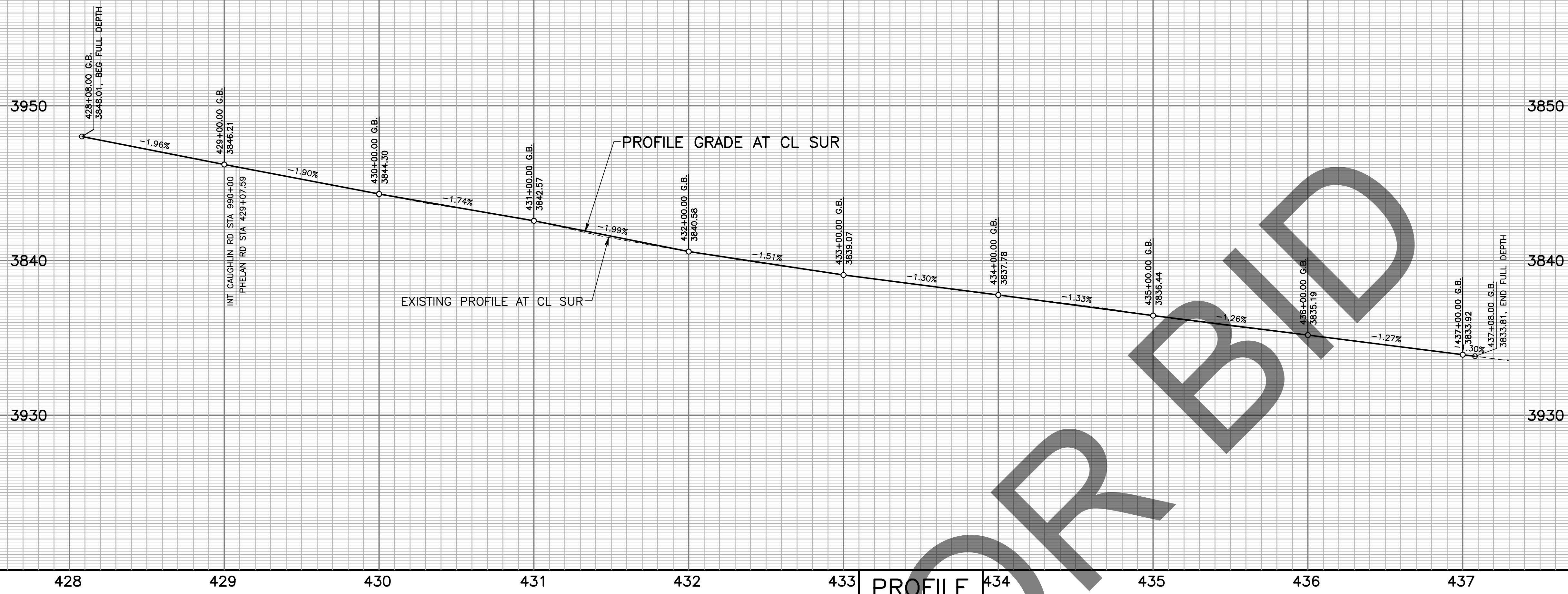
MARK	CHANGES	RESIDENT ENGINEER	DATE

FIELD CHANGES

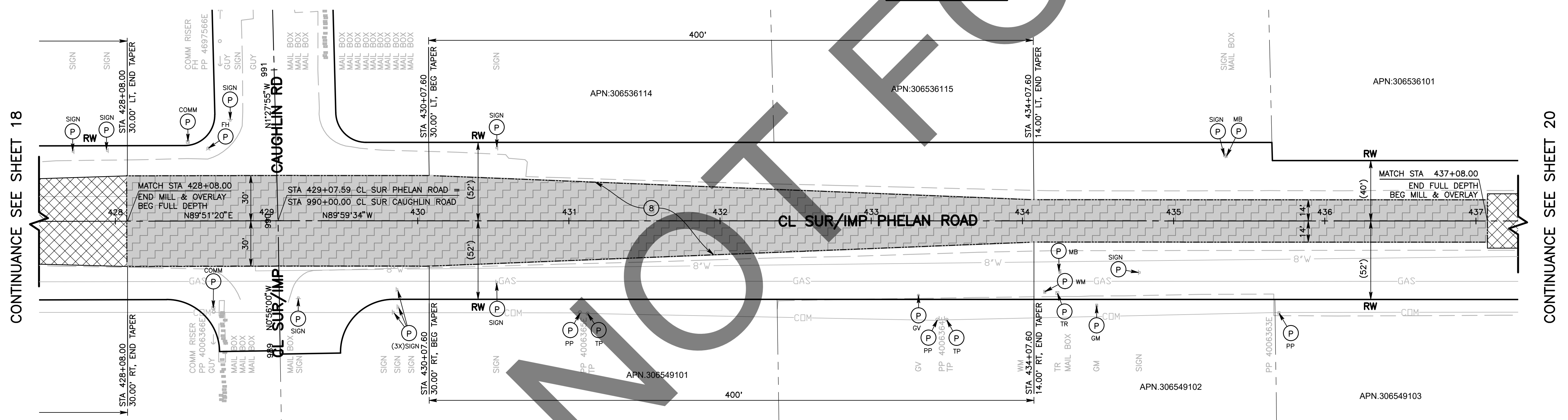


SAN BERNARDINO COUNTY DEPARTMENT OF PUBLIC WORKS			
DESIGNED BY: DJ/MDV	DRAWN BY: MDV	CHECKED BY: IU	RECOMMENDED BY: Chris Nguyen 6/28/2024
APPROVED BY: Don Johnson 6/28/2024		APPROVED BY: Mervat Y. Mikhail, P.E. 7/3/2024	
SUPERVISING PROJECT MANAGER		DEPUTY DIRECTOR	

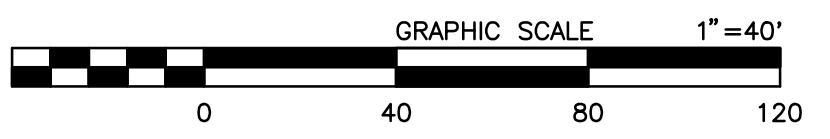
PHELAN ROAD PLAN PHELAN AREA BEEKLEY ROAD TO BALDY MESA ROAD				
J.L. REF.	W.O. NO.	PLAN SCALE	SHT. NO.	TOT. SHT'S.
	H15269	1"=40'	18	43



PROFILE
 SCALE: HORIZ 1"=40'
 VERT 1"=4'



- CONSTRUCTION NOTES:**
- U UTILITIES TO BE RESET BY OTHERS (SEE NOTE U OF GENERAL NOTES ON SHEET 2).
 - P PROTECT IN PLACE.
 - B PLACE STRUCTURAL SECTION PER TYPICAL SECTION AND DETAILS ON SHEET 3.

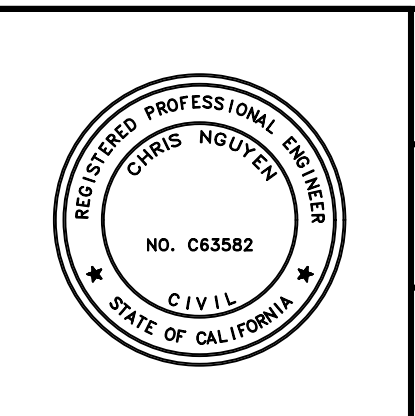


MARK	REVISIONS	DATE

MARK	REVISIONS	DATE

FILE NO. 651850-013

MARK		CHANGES	RESIDENT ENGINEER	DATE
		NO CHANGES		
FIELD CHANGES				

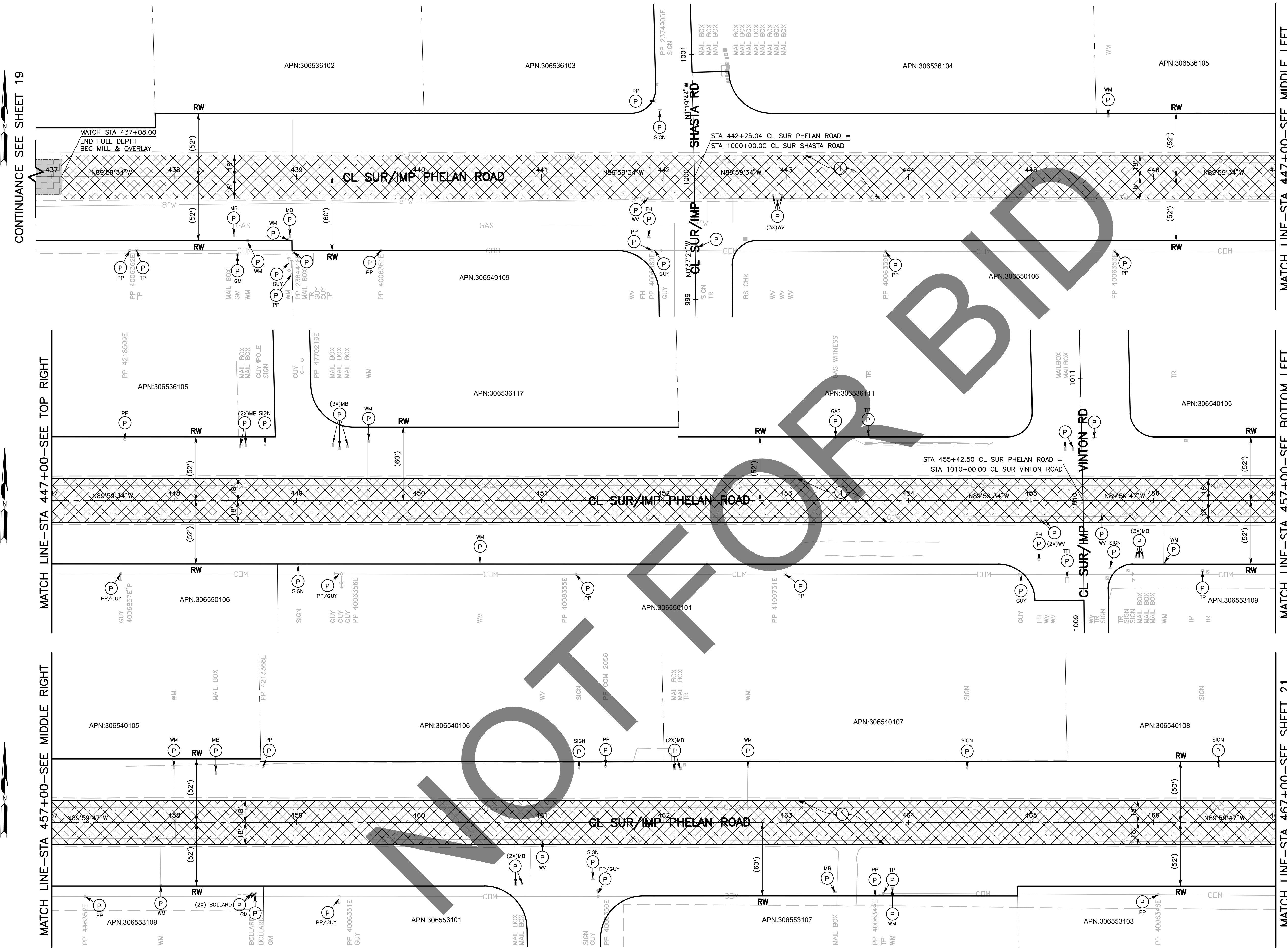


SAN BERNARDINO COUNTY DEPARTMENT OF PUBLIC WORKS			
DESIGNED BY: DJ/MDV	DRAWN BY: MDV	CHECKED BY: IU	RECOMMENDED BY: CHRIS NGUYEN, P.E. ENGINEERING MANAGER 6/28/2024
APPROVED BY: DON JOHNSON SUPERVISING PROJECT MANAGER 6/28/2024		APPROVED BY: MERVAT N. MIKHAIL, P.E. DEPUTY DIRECTOR 7/3/2024	

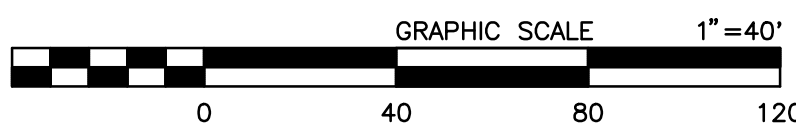
PHELAN ROAD PLAN AND PROFILE PHELAN AREA BEEKLEY ROAD TO BALDY MESA ROAD				
J.L. REF.	W.O. NO.	PLAN SCALE	SHT. NO.	TOT. SHT'S.
	H15269	1"=40'	19	43

MARK	REVISIONS	DATE

MARK	REVISIONS	DATE



- CONSTRUCTION NOTES:**
- U UTILITIES TO BE RESET BY OTHERS (SEE NOTE U OF GENERAL NOTES ON SHEET 2). PROTECT IN PLACE.
 - 1 COLD PLANE (0.25" THK) EXISTING ASPHALT CONCRETE PAVEMENT AND PLACE (0.20" THK) ASPHALT CONCRETE TYPE G, 3/4" AG, 76-22 PM RHMA OVER TACK COAT OVER RUBBERIZED CHIP SEAL AS SAMI.



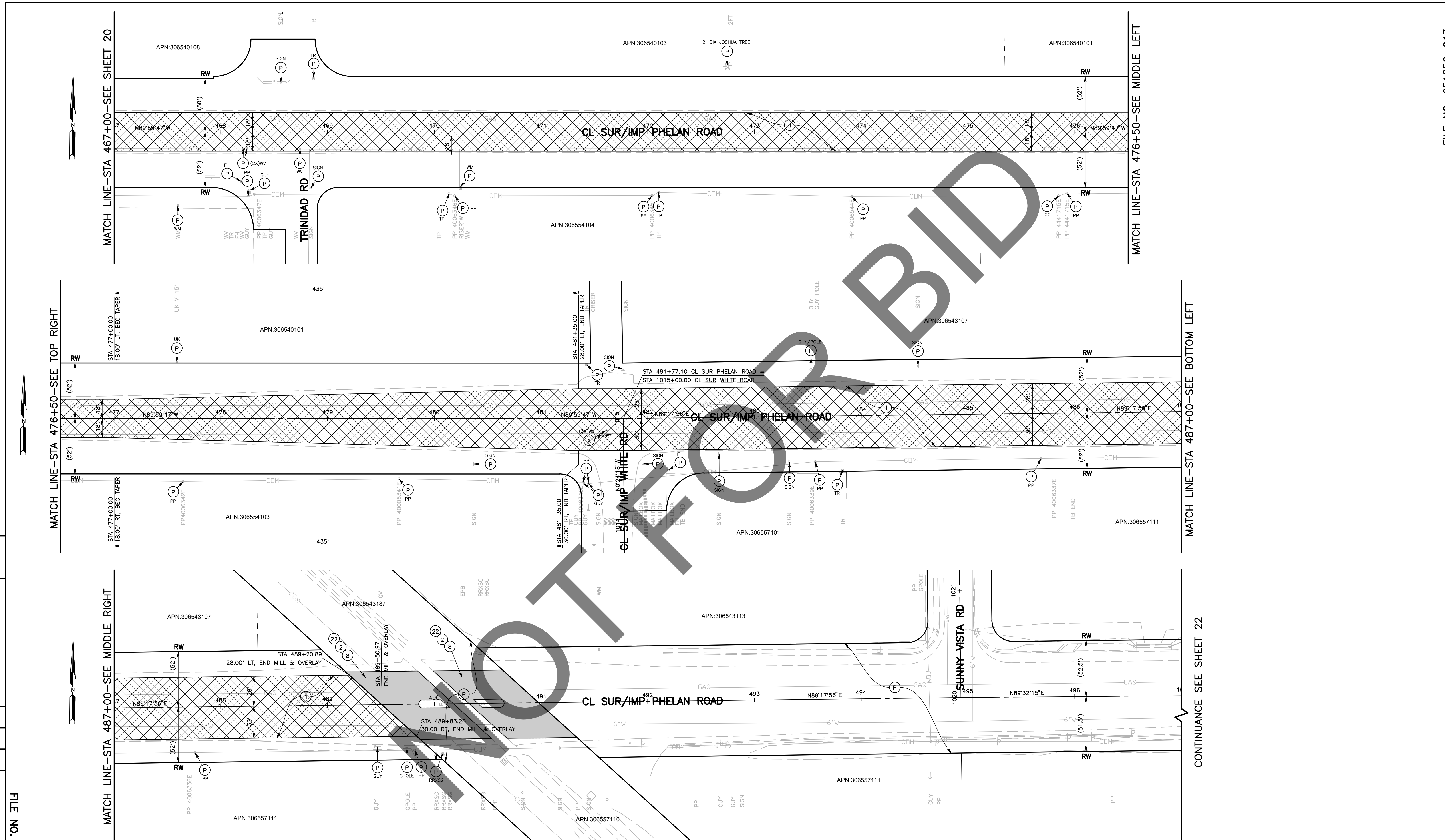
MARK	CHANGES	RESIDENT ENGINEER	DATE
	NO CHANGES		

FIELD CHANGES



SAN BERNARDINO COUNTY DEPARTMENT OF PUBLIC WORKS			
DESIGNED BY: DJ/MDV	DRAWN BY: MDV	CHECKED BY: IU	RECOMMENDED BY: Chris Nguyen, P.E. ENGINEERING MANAGER 6/28/2024
APPROVED BY: Don Johnson SUPERVISING PROJECT MANAGER 6/28/2024			DATE 7/3/2024

PHELAN ROAD PLAN PHELAN AREA BEEKLEY ROAD TO BALDY MESA ROAD				
J.L. REF.	W.O. NO.	PLAN SCALE	SHT. NO.	TOT. SH'TS.
J.L.	H15269	1"=40'	20	43

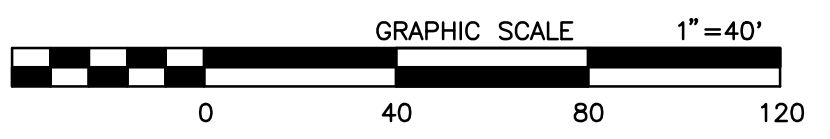


MARK	REVISIONS	DATE

MARK	REVISIONS	DATE

FILE NO. 651850-013

- CONSTRUCTION NOTES:**
- U UTILITIES TO BE RESET BY OTHERS (SEE NOTE U OF GENERAL NOTES ON SHEET 2). PROTECT IN PLACE.
 - P COLD PLANE (0.25' THK) EXISTING ASPHALT CONCRETE PAVEMENT AND PLACE (0.20' THK) ASPHALT CONCRETE TYPE G, 3/4" AG, 76-22 PM RHMA OVER TACK COAT OVER RUBBERIZED CHIP SEAL AS SAMI.
 - 1 SAWCUT AND REMOVE EXISTING ASPHALT CONCRETE AND NATURAL GROUND TO A DEPTH OF 0.5'.
 - 2 PLACE STRUCTURAL SECTION PER TYPICAL SECTION AND DETAILS ON SHEET 3.
 - 8 PLACE (0.20' THK) ASPHALT CONCRETE TYPE G, 3/4" AG, PG 76-22 PM RHMA OVER (0.30' THK) ASPHALT CONCRETE TYPE A, 3/4" AG, PG 70-10 HMA OVER COMPACTED NATIVE SOIL.



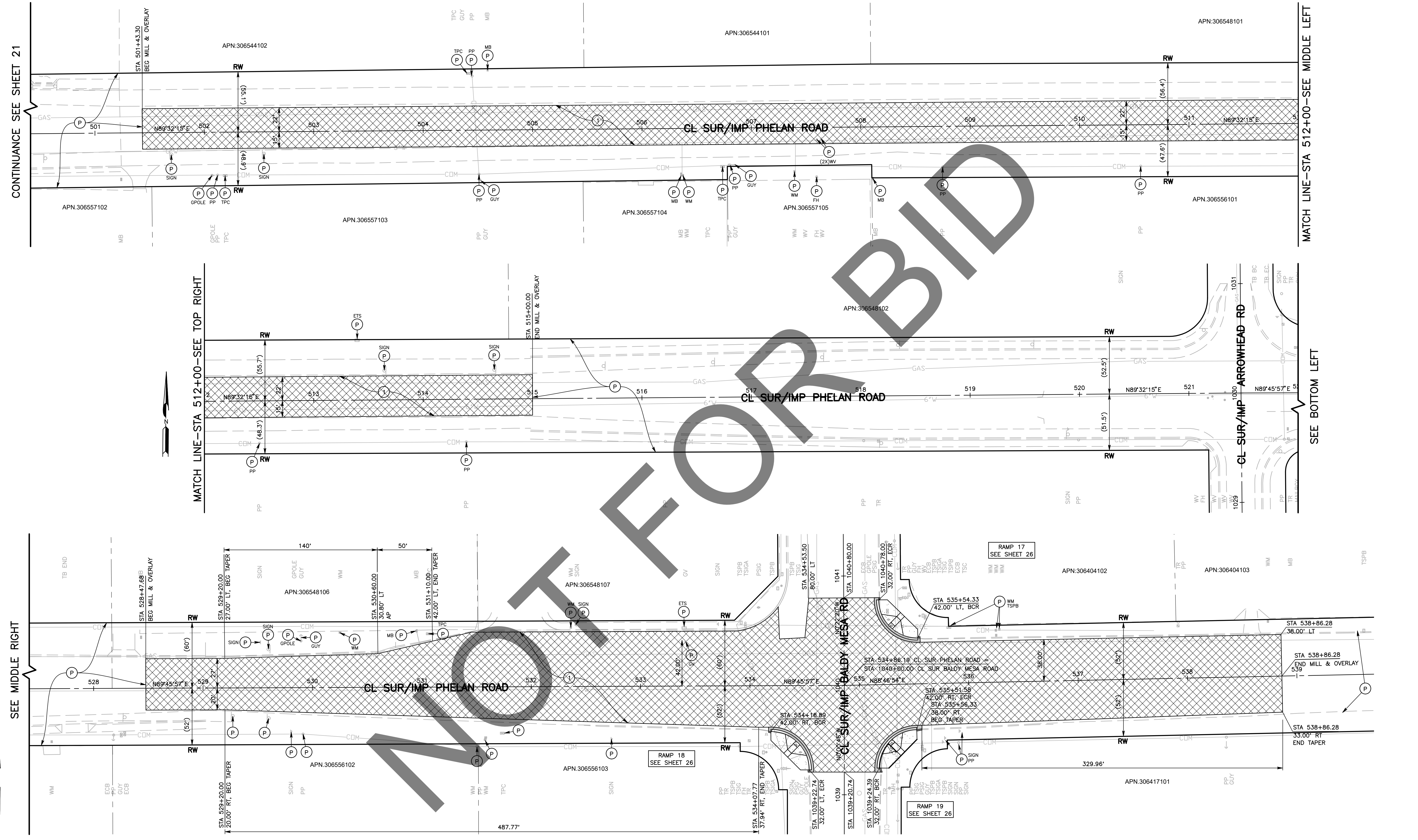
MARK	CHANGES	RESIDENT ENGINEER	DATE

FIELD CHANGES



SAN BERNARDINO COUNTY DEPARTMENT OF PUBLIC WORKS			
DESIGNED BY: DJ/MDV	DRAWN BY: MDV	CHECKED BY: IU	RECOMMENDED BY: <i>Chris Nguyen</i> CHRIS NGUYEN, P.E. ENGINEERING MANAGER 6/28/2024
APPROVED BY: <i>Don Johnson</i> DON JOHNSON SUPERVISING PROJECT MANAGER 6/28/2024			DATE: 7/3/2024

PHELAN ROAD PLAN PHELAN AREA BEEKLEY ROAD TO BALDY MESA ROAD				
J.L. REF. J.L.	W.O. NO. H15269	PLAN SCALE 1"=40'	SHT. NO. 21	TOT. SHT'S. 43



CONTINUANCE SEE SHEET 21

MATCH LINE - STA 512+00 - SEE TOP RIGHT

MATCH LINE - STA 512+00 - SEE MIDDLE LEFT

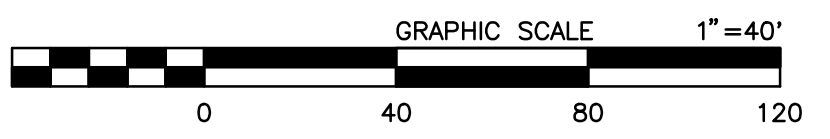
SEE BOTTOM LEFT

MARK	REVISIONS	DATE

MARK	REVISIONS	DATE

FILE NO. 651850-013

- CONSTRUCTION NOTES:**
- U UTILITIES TO BE RESET BY OTHERS (SEE NOTE U OF GENERAL NOTES ON SHEET 2). PROTECT IN PLACE.
 - 1 COLD PLANE (0.25" THK) EXISTING ASPHALT CONCRETE PAVEMENT AND PLACE (0.20" THK) ASPHALT CONCRETE TYPE G, 3/4" AG, 76-22 PM RHMA OVER TACK COAT OVER RUBBERIZED CHIP SEAL AS SAMI.



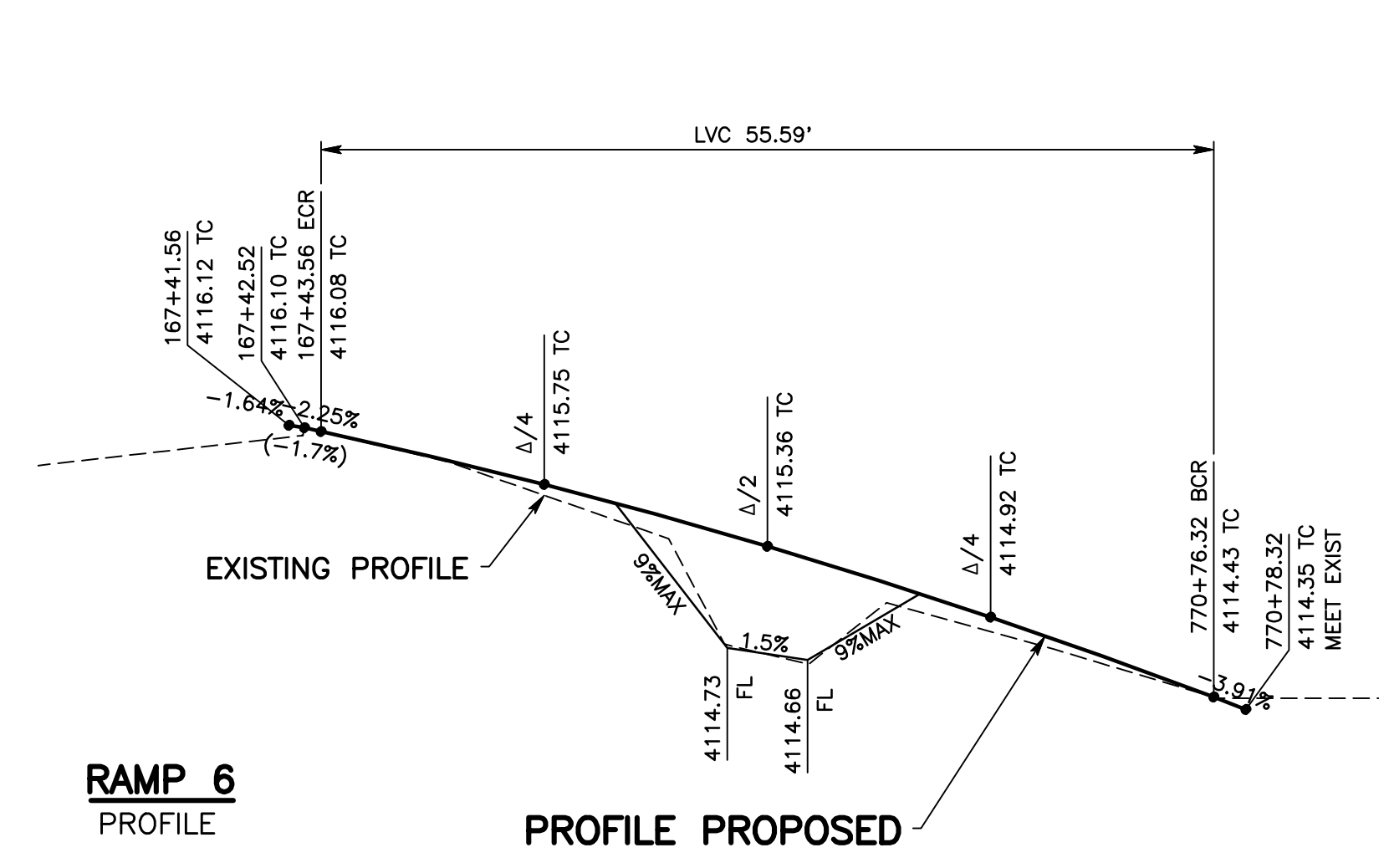
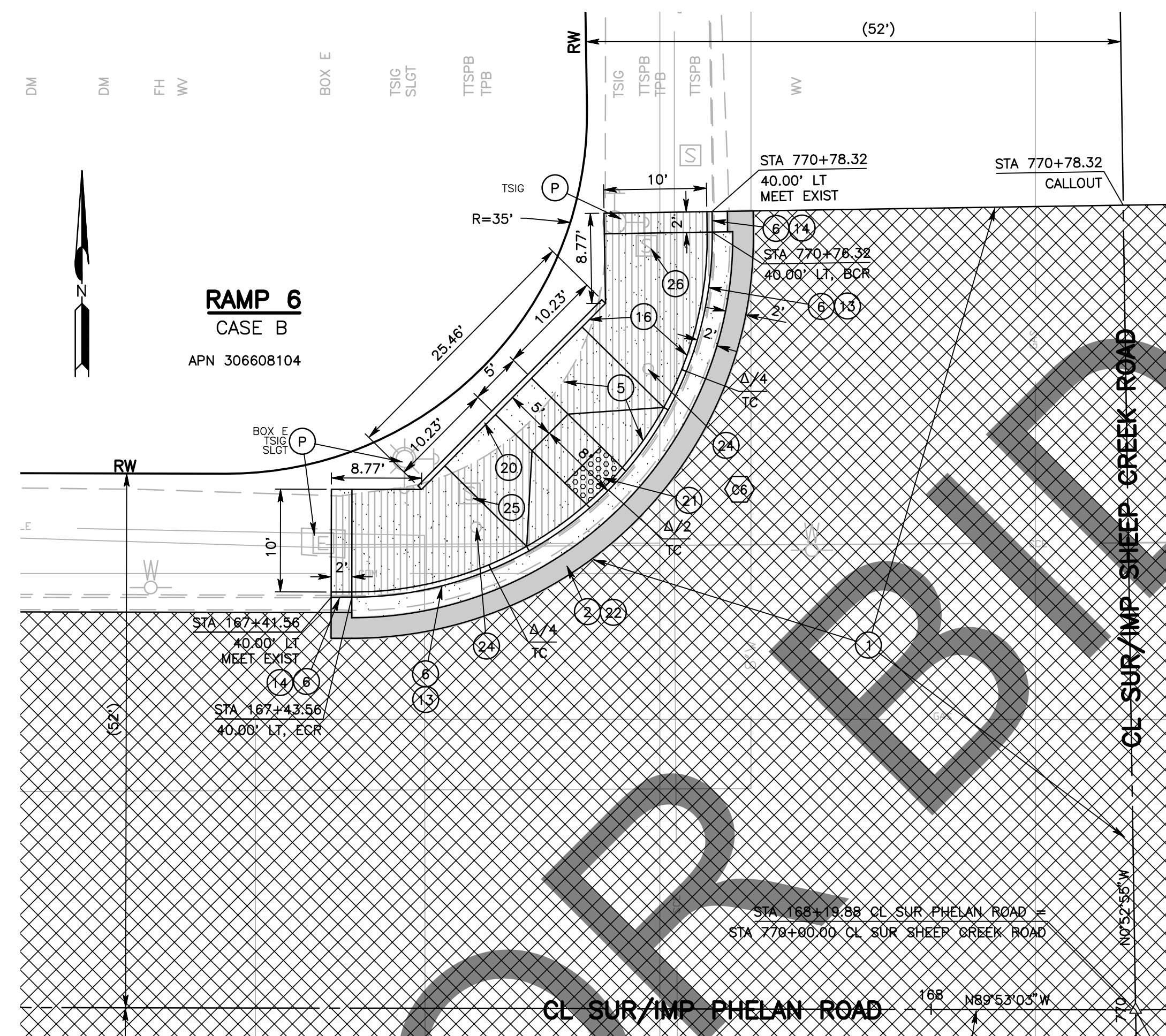
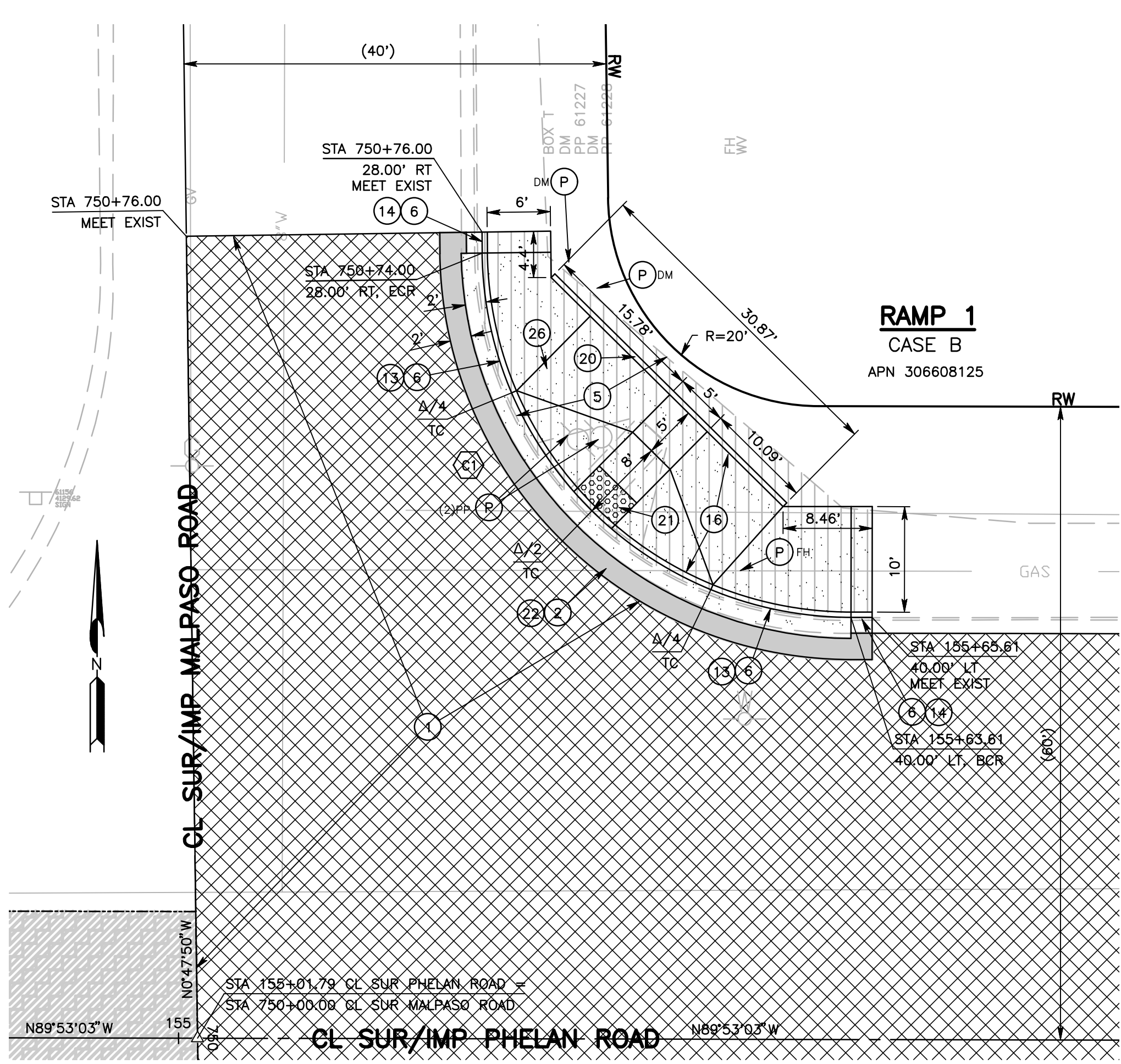
MARK	CHANGES	RESIDENT ENGINEER	DATE
	NO CHANGES		

FIELD CHANGES



SAN BERNARDINO COUNTY DEPARTMENT OF PUBLIC WORKS			
DESIGNED BY: DJ/MDV	DRAWN BY: MDV	CHECKED BY: IU	RECOMMENDED BY: CHRIS NGUYEN, P.E. ENGINEERING MANAGER 6/28/2024
APPROVED BY: DON JOHNSON SUPERVISING PROJECT MANAGER 6/28/2024		APPROVED BY: MERVAT N. MKHAIL, P.E. DEPUTY DIRECTOR 7/3/2024	

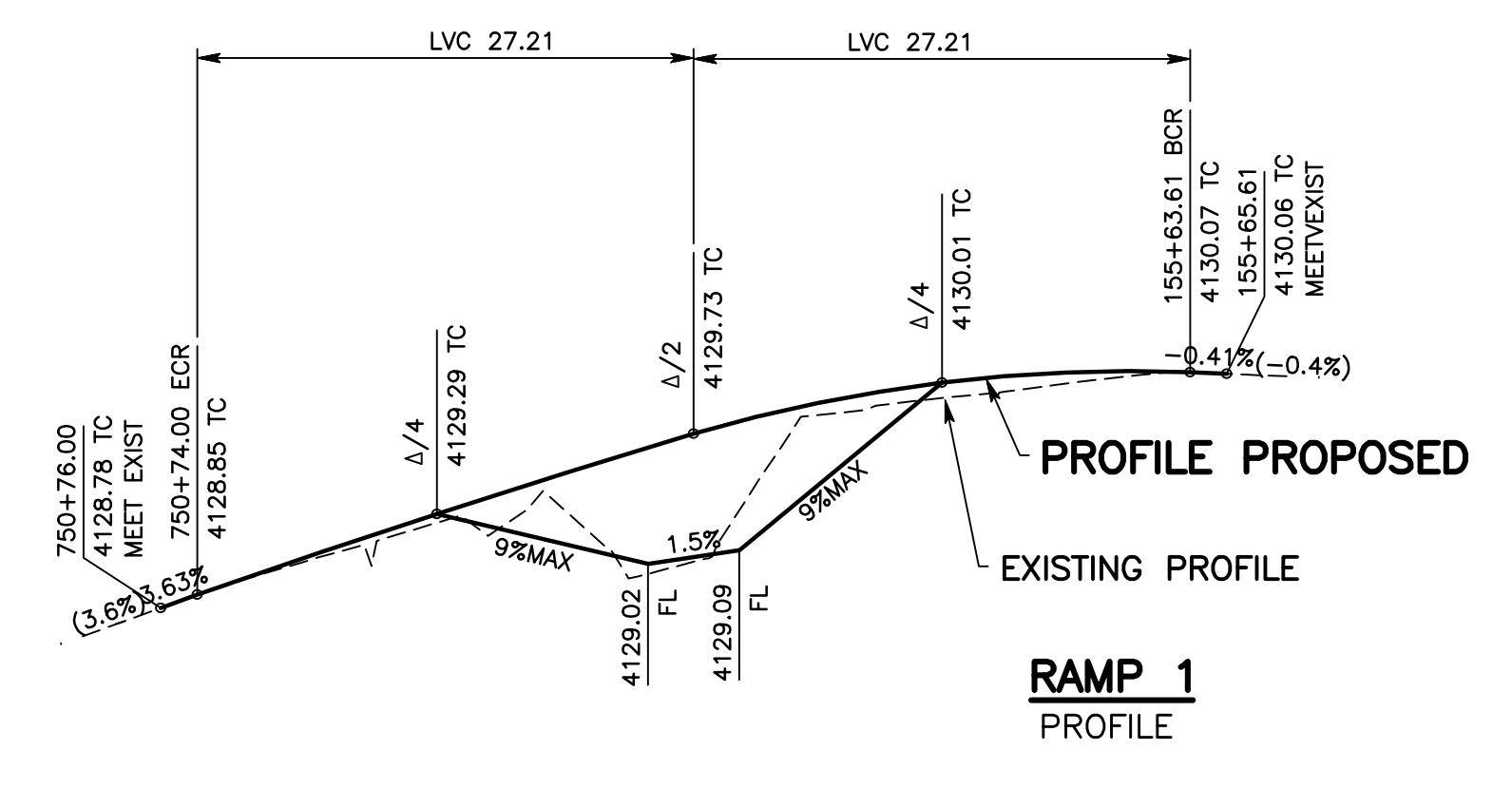
PHELAN ROAD PLAN PHELAN AREA BEEKLEY ROAD TO BALDY MESA ROAD				
J.L. REF.	W.O. NO.	PLAN SCALE	SHT. NO.	TOT. SHT'S.
	H15269	1"=40'	22	43



RAMP 6 PROFILE

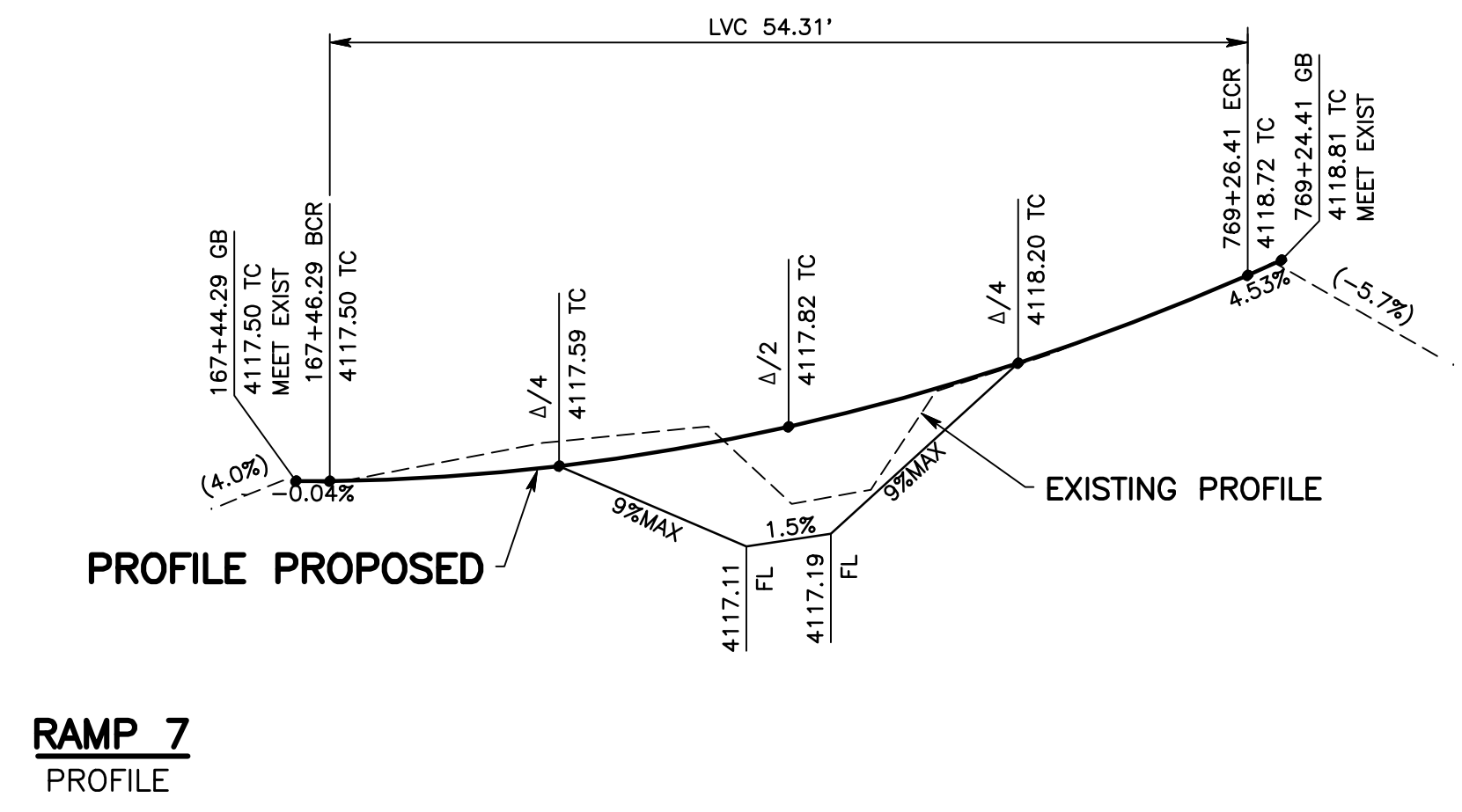
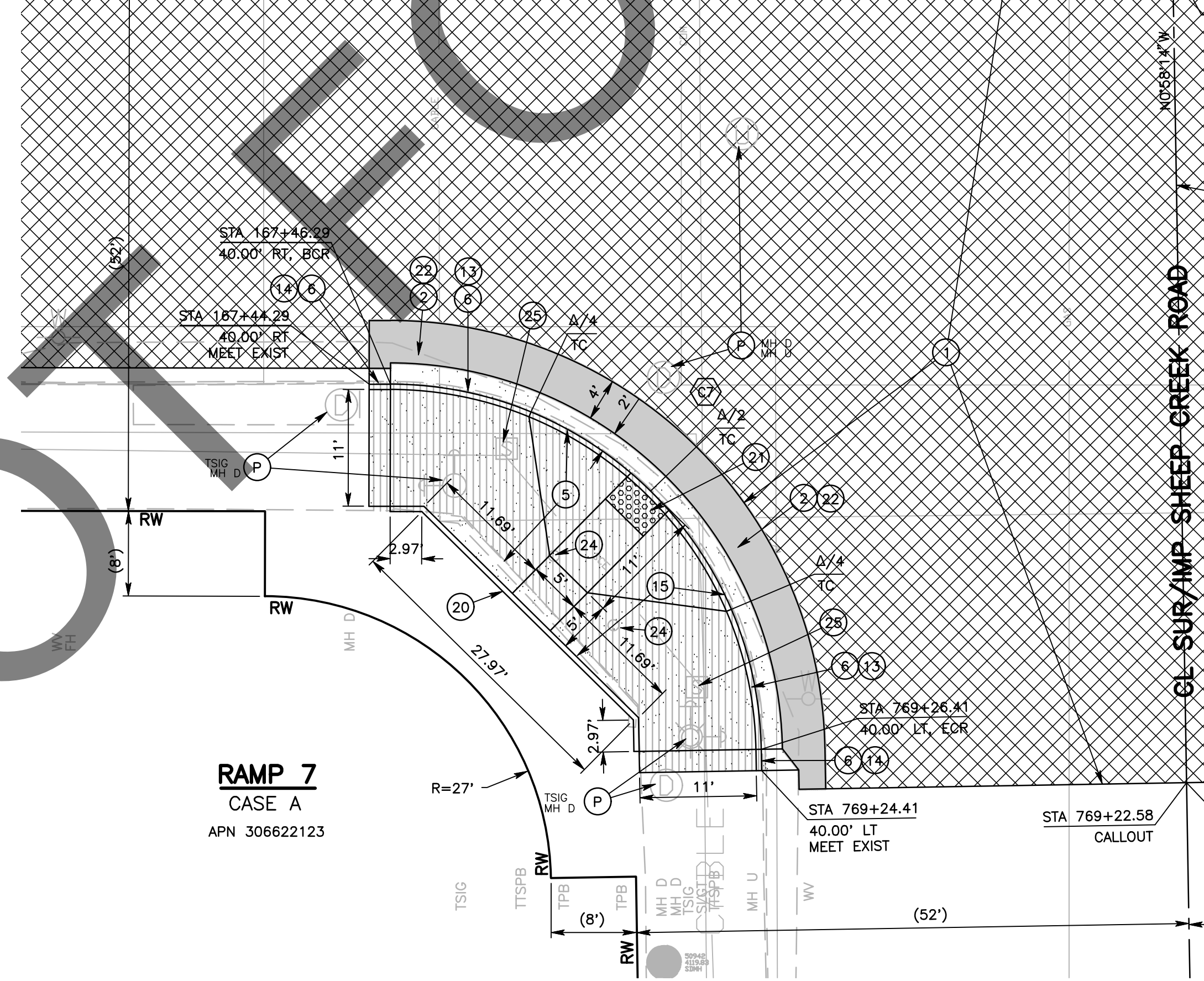
PROFILE PROPOSED

- CONSTRUCTION NOTES:**
- U UTILITIES TO BE RESET BY OTHERS (SEE NOTE U OF GENERAL NOTES ON THIS SHEET)
 - P PROTECT IN PLACE
 - 1 COLD PLANE (0.25' THK) EXISTING ASPHALT CONCRETE PAVEMENT AND PLACE (0.20' THK) ASPHALT CONCRETE TYPE G, 3/4" AG, 76-22 PM RHMA OVER TACK COAT OVER RUBBERIZED CHIP SEAL AS SAMI
 - 2 SAWCUT AND REMOVE EXISTING ASPHALT CONCRETE AND NATURAL GROUND TO A DEPTH OF 0.5'.
 - 3 SAWCUT AND REMOVE EXISTING CONCRETE SURFACING, RAMP, SIDEWALK, CROSS GUTTER AND SPANDREL
 - 5 SAWCUT AND REMOVE EXISTING CURB OR CURB AND GUTTER
 - 6 REMOVE AND/OR RELOCATE TRAFFIC SIGN PER TRAFFIC PLANS AND SPECIAL PROVISIONS
 - 13 CONSTRUCT 8" CURB AND GUTTER PER CALTRANS STD AB7A TYPE A2
 - 14 CONSTRUCT 8" CURB AND GUTTER PER COUNTY STD DWG 115
 - 15 CONSTRUCT SIDEWALK AND RAMP PER CALTRANS STD AB8A CASE A
 - 16 CONSTRUCT SIDEWALK AND RAMP PER CALTRANS STD AB8A CASE B
 - 20 INSTALL 6" RETAINING CURB PER CALTRANS STD AB8A
 - 21 PLACE DETECTABLE WARNING SURFACE PER CALTRANS STD AB8A
 - 22 PLACE (0.20' THK) ASPHALT CONCRETE TYPE G 3/4" AG, 76-22 PM RHMA OVER (0.30' THK) ASPHALT CONCRETE TYPE A, 3/4" AG, PG 70-10 HMA OVER COMPACTED NATIVE SOIL
 - 24 RELOCATE TRAFFIC PUSH BUTTON POLE
 - 25 ADJUST TO GRADE UTILITY/TRAFFIC PULL BOX
 - 26 RELOCATE UTILITY/TRAFFIC PULL BOX



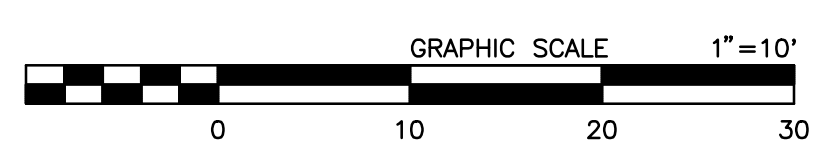
RAMP 1 PROFILE

RAMP 2, RAMP 3, RAMP 4 AND RAMP 5 TO BE CONSTRUCTED IN FUTURE PHELAN ROAD PROJECT



RAMP 7 PROFILE

TC RETURN DATA				
NO.	R	Δ	L	T
C1	35.00'	89°05'13"	54.42'	34.45'
C6	35.00'	90°59'52"	55.59'	35.61'
C7	35.00'	88°54'49"	54.31'	34.34'



MARK	REVISIONS	DATE	APPR.

MARK	REVISIONS	DATE	APPR.

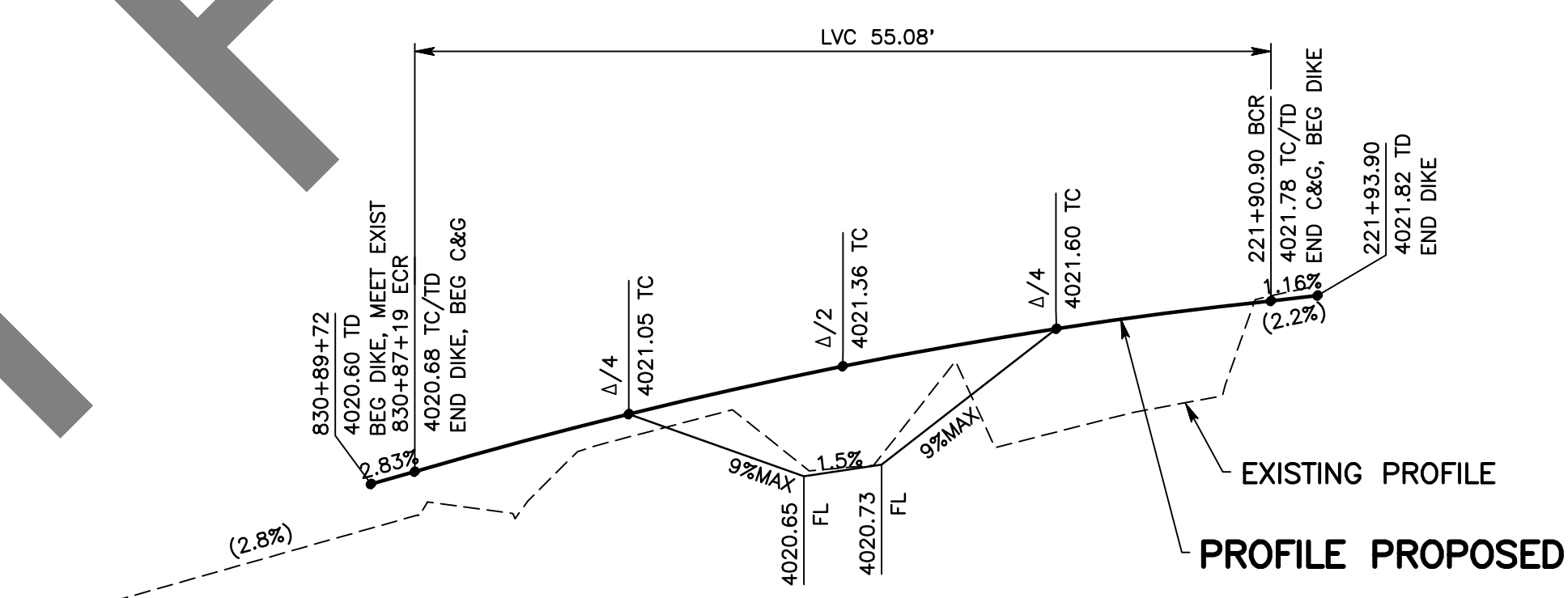
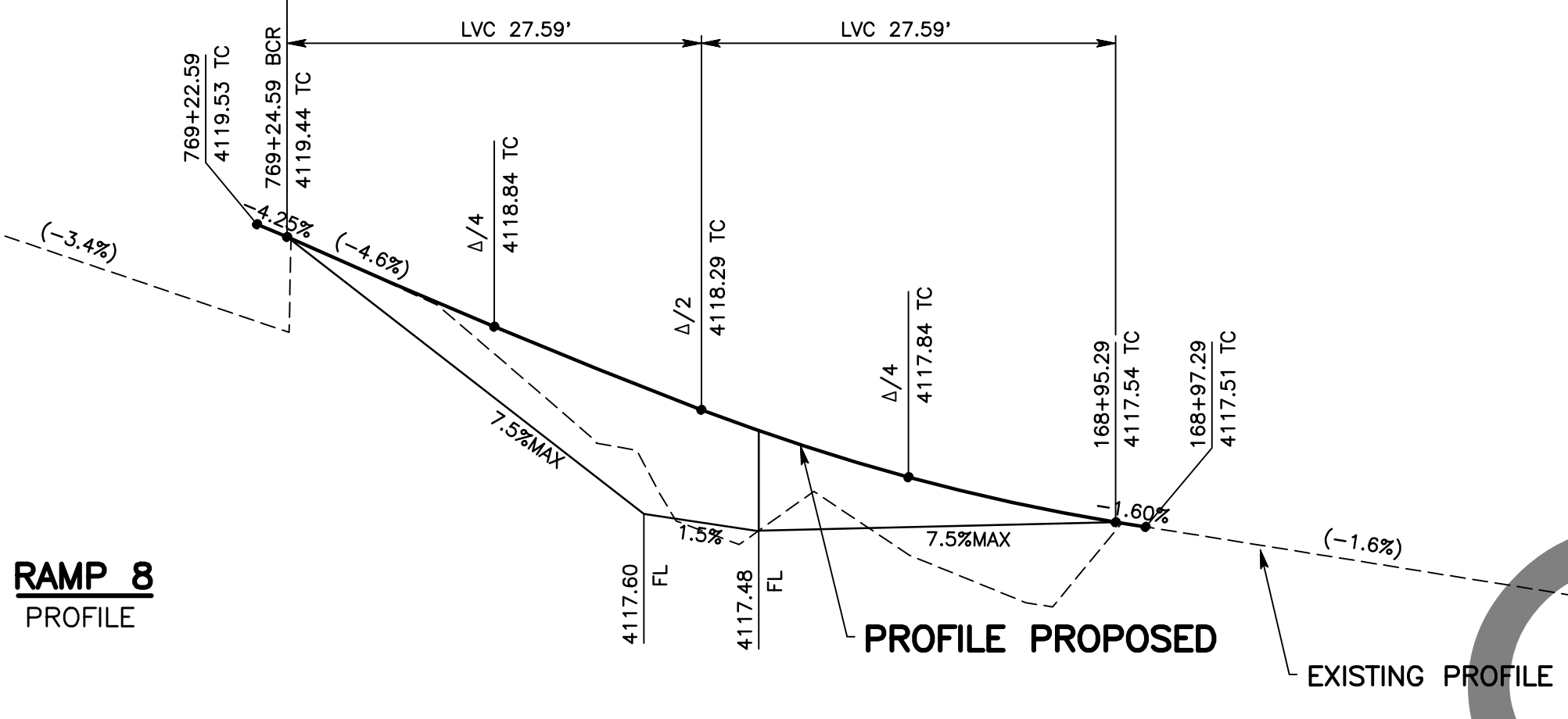
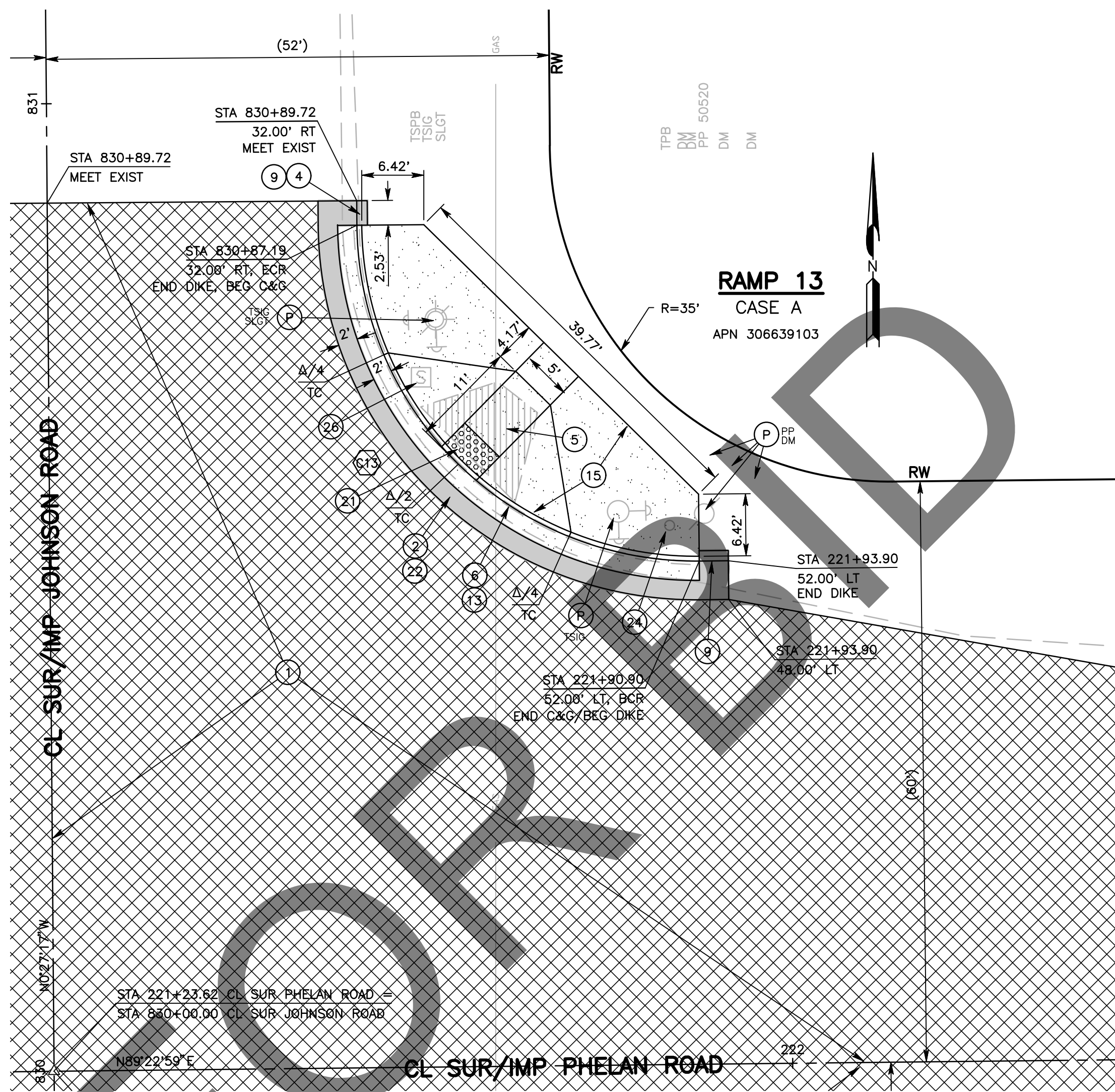
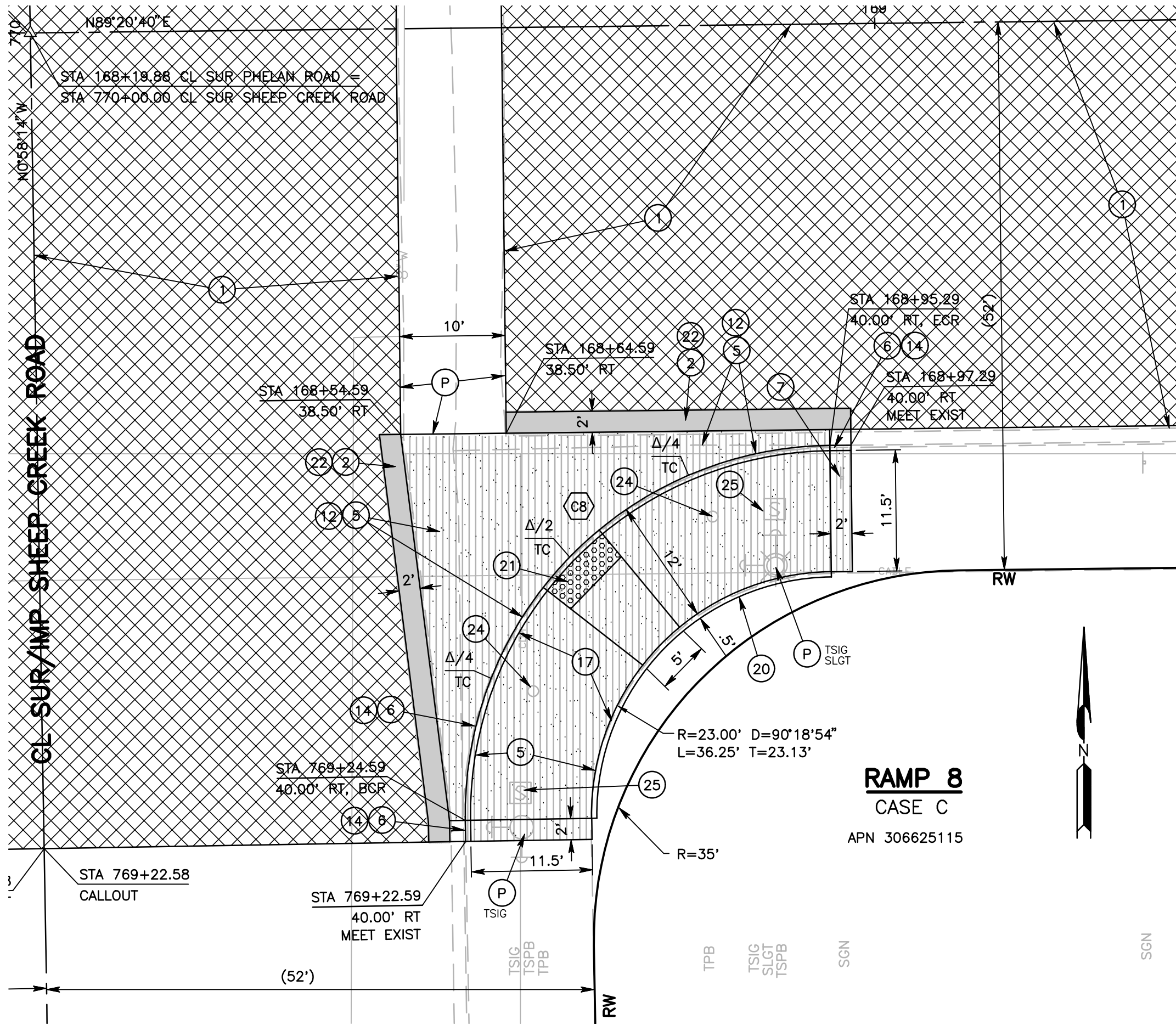
FILE NO. 651850-013

FIELD CHANGES	
MARK	CHANGES
	NO CHANGES
	RESIDENT ENGINEER
	DATE



SAN BERNARDINO COUNTY DEPARTMENT OF PUBLIC WORKS			
DESIGNED BY:	DRAWN BY:	CHECKED BY:	RECOMMENDED BY:
CBB	CBB	IU	<i>Chris Nguyen</i> 6/28/2024
APPROVED BY:			DATE
<i>Don Johnson</i> 6/28/2024			7/3/2024
SUPERVISING PROJECT MANAGER		DEPUTY DIRECTOR	

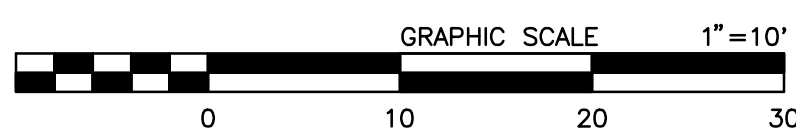
PHELAN ROAD RAMP DETAILS PHELAN AREA RAMP 1, RAMP 6 AND RAMP 7				
J.L. REF.	W.O. NO.	PLAN SCALE	SHT. NO.	TOT. SHT'S.
	H15269	1" = 10'	23	43



- CONSTRUCTION NOTES:**
- U UTILITIES TO BE RESET BY OTHERS (SEE NOTE U OF GENERAL NOTES ON THIS SHEET)
 - P PROTECT IN PLACE
 - 1 COLD PLANE (0.25" THK) EXISTING ASPHALT CONCRETE PAVEMENT AND PLACE (0.20" THK) ASPHALT CONCRETE TYPE G, 3/4" AG, 76-22 PM RHMA OVER TACK COAT OVER RUBBERIZED CHIP SEAL AS SAMI
 - 2 SAWCUT AND REMOVE EXISTING ASPHALT CONCRETE AND NATURAL GROUND TO A DEPTH OF 0.5'.
 - 4 SAWCUT AND REMOVE EXISTING ASPHALT CONCRETE DIKE
 - 5 SAWCUT AND REMOVE EXISTING CONCRETE SURFACING, RAMP, SIDEWALK, CROSS GUTTER AND SPANDREL
 - 6 SAWCUT AND REMOVE EXISTING CURB OR CURB AND GUTTER
 - 7 REMOVE AND/OR RELOCATE TRAFFIC SIGN PER TRAFFIC PLANS AND SPECIAL PROVISIONS
 - 9 PLACE ASPHALT CONCRETE DIKE PER COUNTY STD DWG 117 (MODIFIED 0" TO 6" HEIGHT)
 - 12 CONSTRUCT SPANDREL PER COUNTY STD 119
 - 13 CONSTRUCT 8" CURB AND GUTTER PER CALTRANS STD A87A TYPE A2
 - 14 CONSTRUCT 8" CURB AND GUTTER PER COUNTY STD DWG 115
 - 15 CONSTRUCT SIDEWALK AND RAMP PER CALTRANS STD AB8A CASE A
 - 17 CONSTRUCT SIDEWALK AND RAMP PER CALTRANS STD AB8A CASE C
 - 20 INSTALL 6" RETAINING CURB PER CALTRANS STD AB8A
 - 21 PLACE DETECTABLE WARNING SURFACE PER CALTRANS STD AB8A
 - 22 PLACE (0.20" THK) ASPHALT CONCRETE TYPE G, 3/4" AG, 76-22 PM RHMA OVER (0.30" THK) ASPHALT CONCRETE TYPE A, 3/4" AG, PG 70-10 HMA OVER COMPACTED NATIVE SOIL
 - 24 RELOCATE TRAFFIC PUSH BUTTON POLE
 - 25 ADJUST TO GRADE UTILITY/TRAFFIC PULL BOX
 - 26 RELOCATE UTILITY/TRAFFIC PULL BOX

TC RETURN DATA				
NO.	R	Δ	L	T
CB	35.00'	90°18'54"	55.17'	35.19'
C13	35.00'	90°09'42"	55.08'	35.10'

RAMP 9, RAMP 10, RAMP 11 AND RAMP 12 TO BE CONSTRUCTED IN FUTURE PHELAN ROAD PROJECT



MARK	CHANGES	RESIDENT ENGINEER	DATE
	NO CHANGES		

FIELD CHANGES

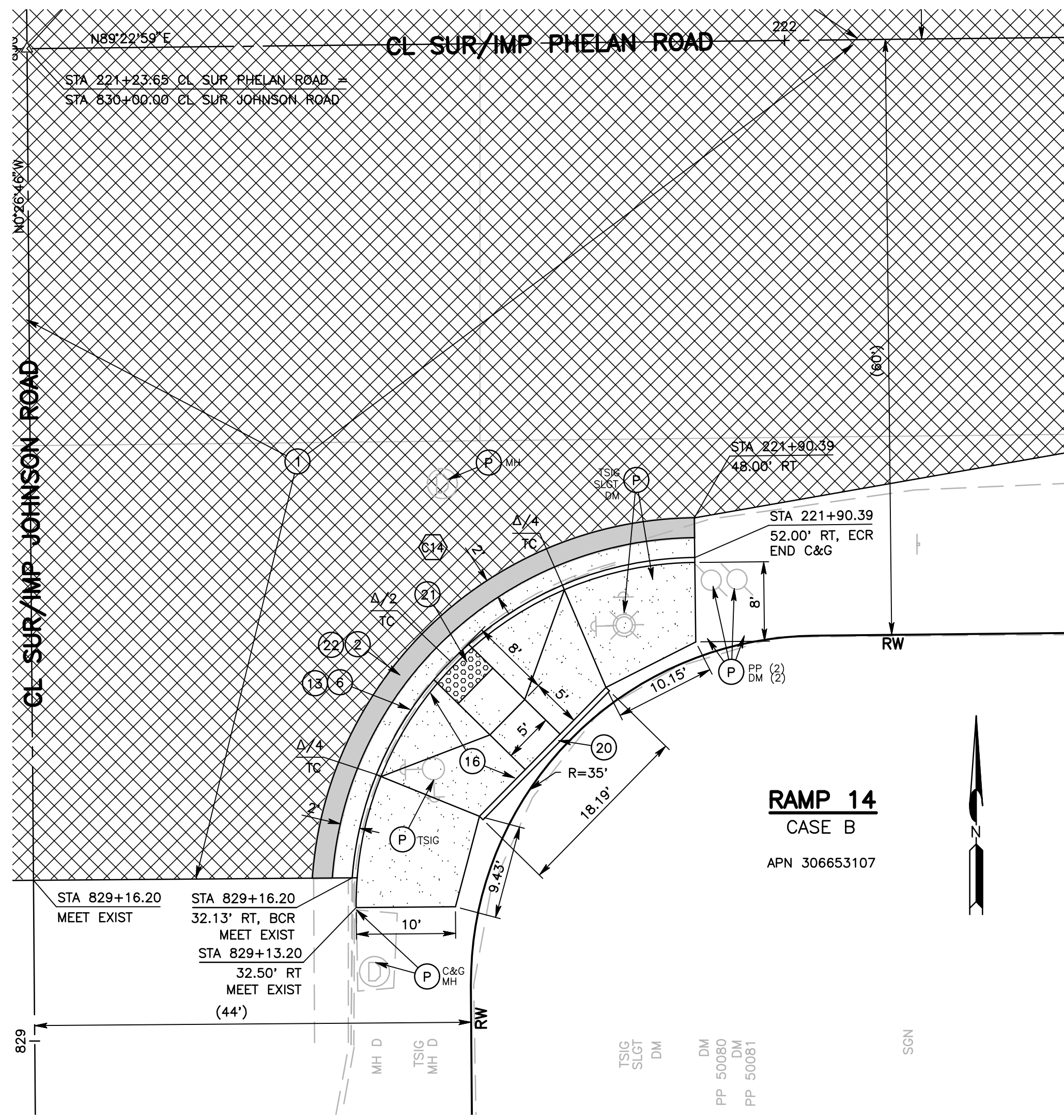


SAN BERNARDINO COUNTY DEPARTMENT OF PUBLIC WORKS			
DESIGNED BY:	DRAWN BY:	CHECKED BY:	RECOMMENDED BY:
CBB	CBB	IU	<i>Chris Nguyen</i> 6/28/2024
APPROVED BY: <i>Don Johnson</i> 6/28/2024			
DON JOHNSON SUPERVISING PROJECT MANAGER		MERVAT N. MIKHAIL, P.E. DEPUTY DIRECTOR	

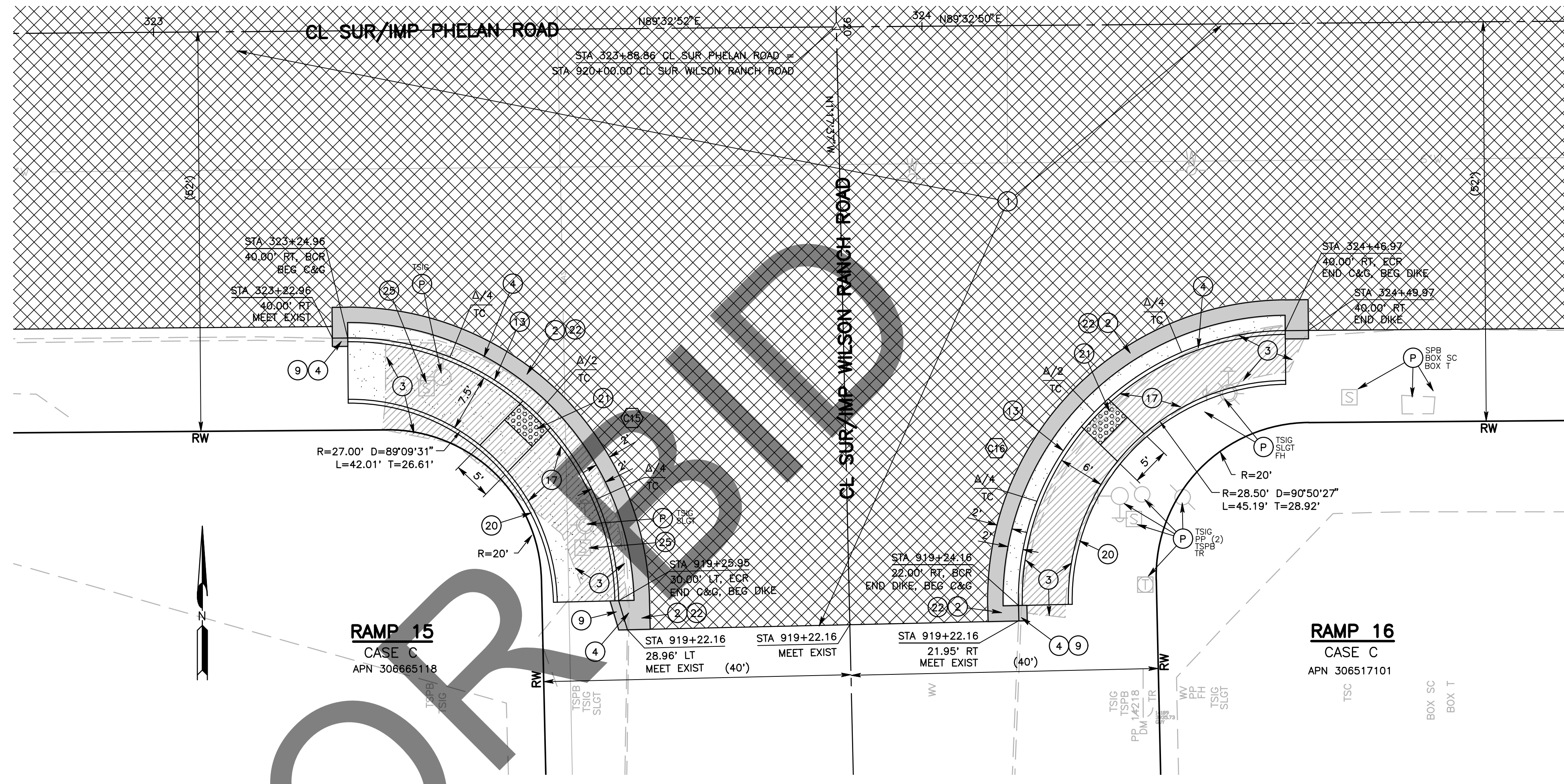
PHELAN ROAD RAMP DETAILS PHELAN AREA RAMP 8 AND RAMP 13				
J.L. REF.	W.O. NO.	PLAN SCALE	SHT. NO.	TOT. SHT'S.
	H15269	1"=10'	24	43

MARK	REVISIONS	DATE

MARK	REVISIONS	DATE

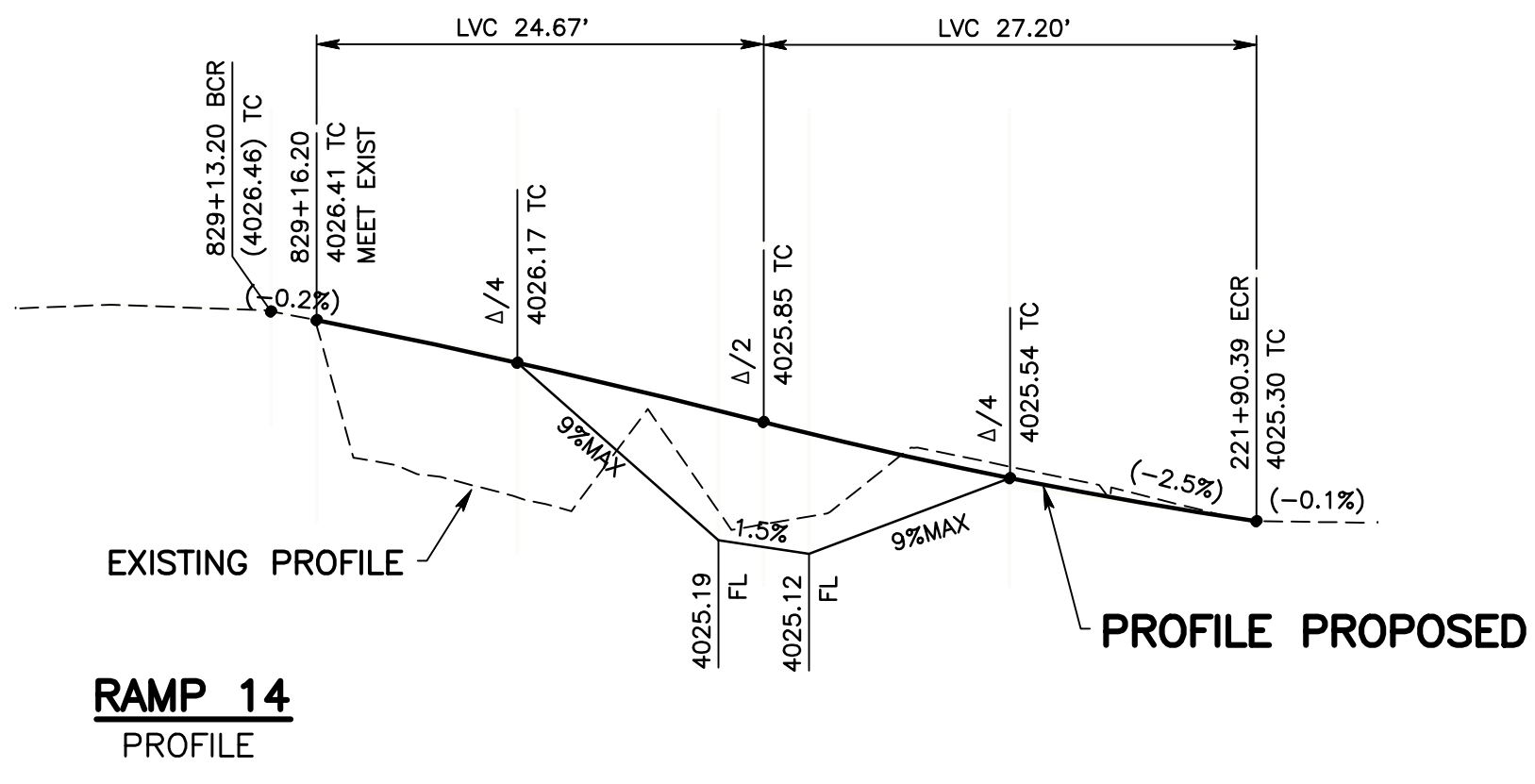


RAMP 14
CASE B
APN 306653107

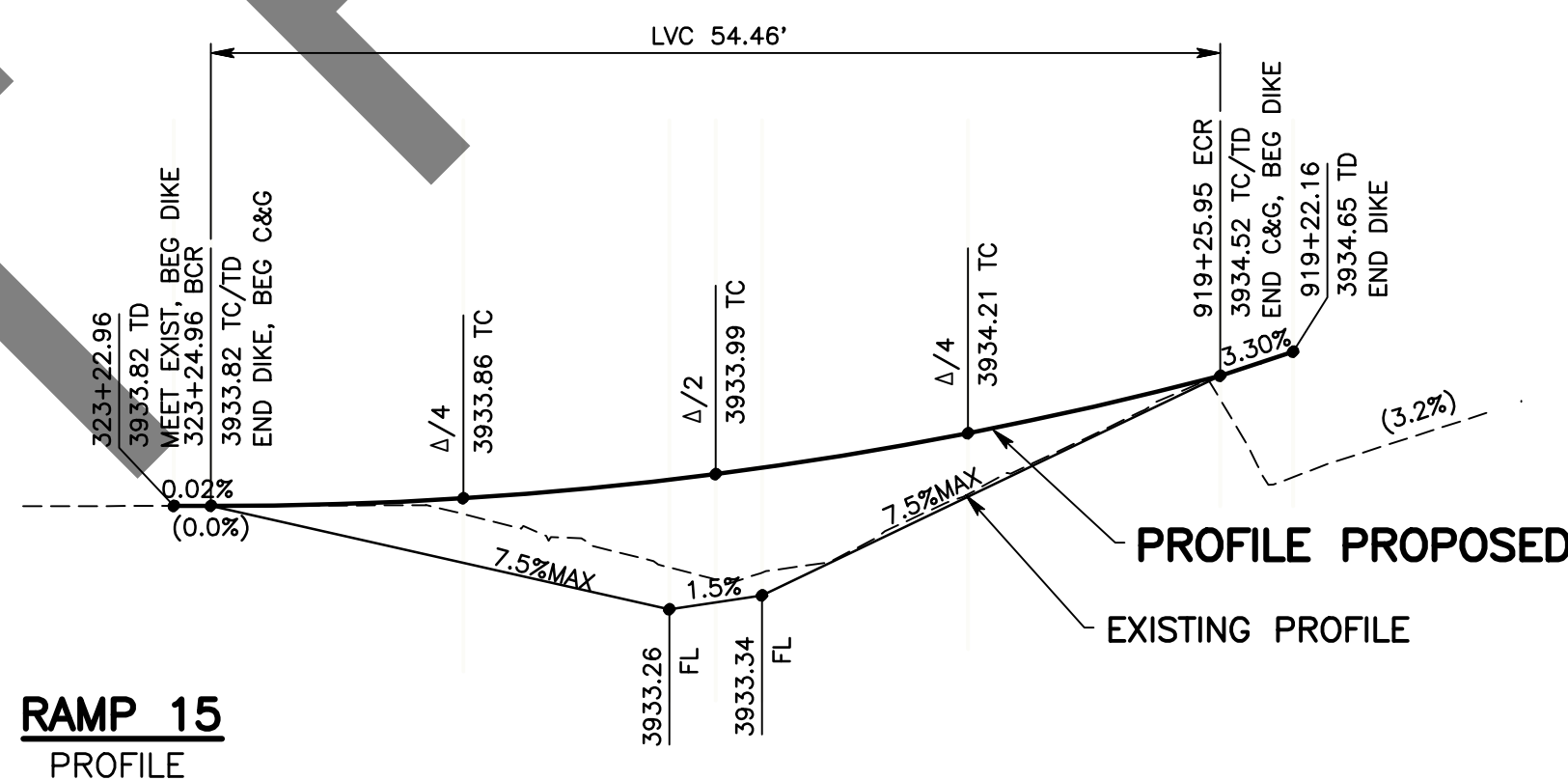


RAMP 15
CASE C
APN 306665118

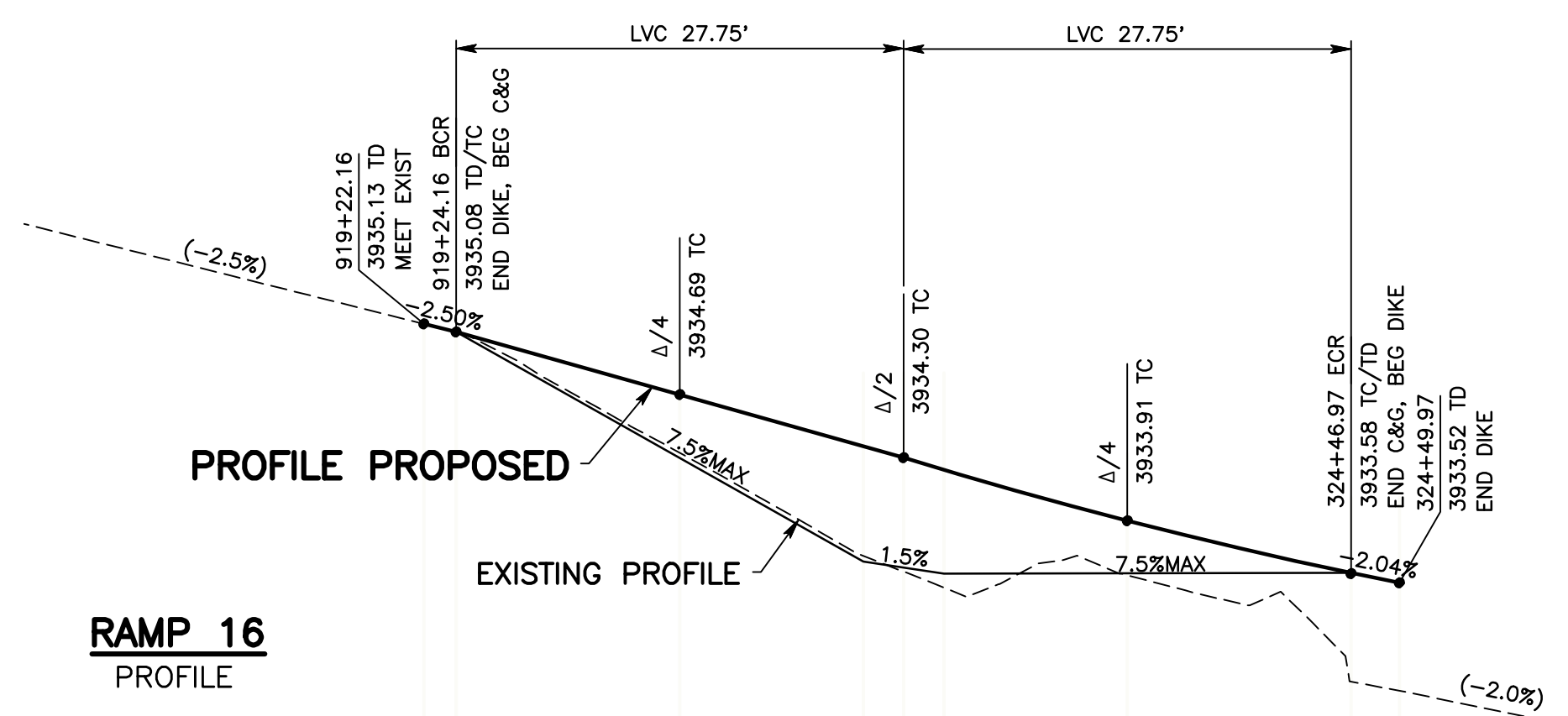
RAMP 16
CASE C
APN 306517101



RAMP 14
PROFILE



RAMP 15
PROFILE

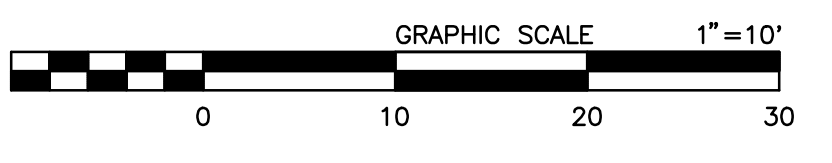


RAMP 16
PROFILE

- CONSTRUCTION NOTES:**
- U UTILITIES TO BE RESET BY OTHERS (SEE NOTE U OF GENERAL NOTES ON THIS SHEET)
 - P PROTECT IN PLACE
 - 1 COLD PLANE (0.25' THK) EXISTING ASPHALT CONCRETE PAVEMENT AND PLACE (0.20' THK) ASPHALT CONCRETE TYPE G, 3/4" AG, 76-22 PM RHMA OVER TACK COAT OVER RUBBERIZED CHIP SEAL AS SAMI
 - 2 SAWCUT AND REMOVE EXISTING ASPHALT CONCRETE AND NATURAL GROUND TO A DEPTH OF 0.5'
 - 3 SAWCUT AND REMOVE ASPHALT CONCRETE SURFACING
 - 4 SAWCUT AND REMOVE EXISTING ASPHALT CONCRETE DIKE
 - 5 SAWCUT AND REMOVE EXISTING CURB OR CURB AND GUTTER
 - 6 PLACE ASPHALT CONCRETE DIKE PER COUNTY STD DWG 117
 - 13 CONSTRUCT 8" CURB AND GUTTER PER CALTRANS STD A87A TYPE A2
 - 16 CONSTRUCT SIDEWALK AND RAMP PER CALTRANS STD AB8A CASE B
 - 17 CONSTRUCT SIDEWALK AND RAMP PER CALTRANS STD AB8A CASE C
 - 20 INSTALL 6" RETAINING CURB PER CALTRANS STD AB8A
 - 21 PLACE DETECTABLE WARNING SURFACE PER CALTRANS STD AB8A
 - 22 PLACE (0.20' THK) ASPHALT CONCRETE TYPE G, 3/4" AG, 76-22 PM RHMA OVER (0.30' THK) ASPHALT CONCRETE TYPE A, 3/4" AG, PG 70-10 HMA OVER COMPACTED NATIVE SOIL
 - 25 ADJUST TO GRADE UTILITY/TRAFFIC PULL BOX

TC RETURN DATA

NO.	R	Δ	L	T
C14	35.00'	84°54'43"	51.87'	32.02'
C15	35.00'	89°09'31"	54.46'	34.49'
C16	35.00'	90°50'27"	55.49'	35.52'



MARK	REVISIONS	DATE

MARK	REVISIONS	DATE

MARK	CHANGES	RESIDENT ENGINEER	DATE
	NO CHANGES		

FIELD CHANGES

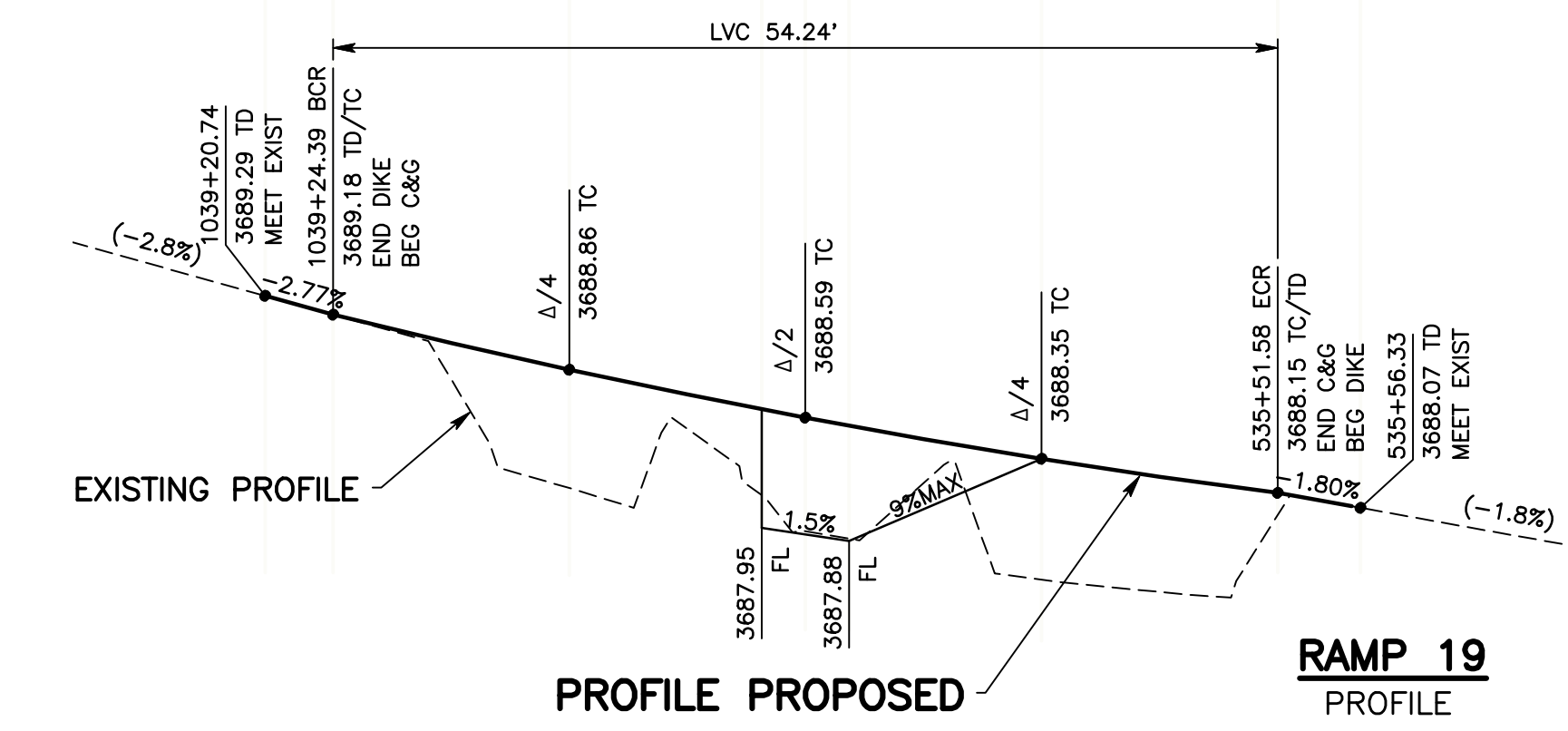
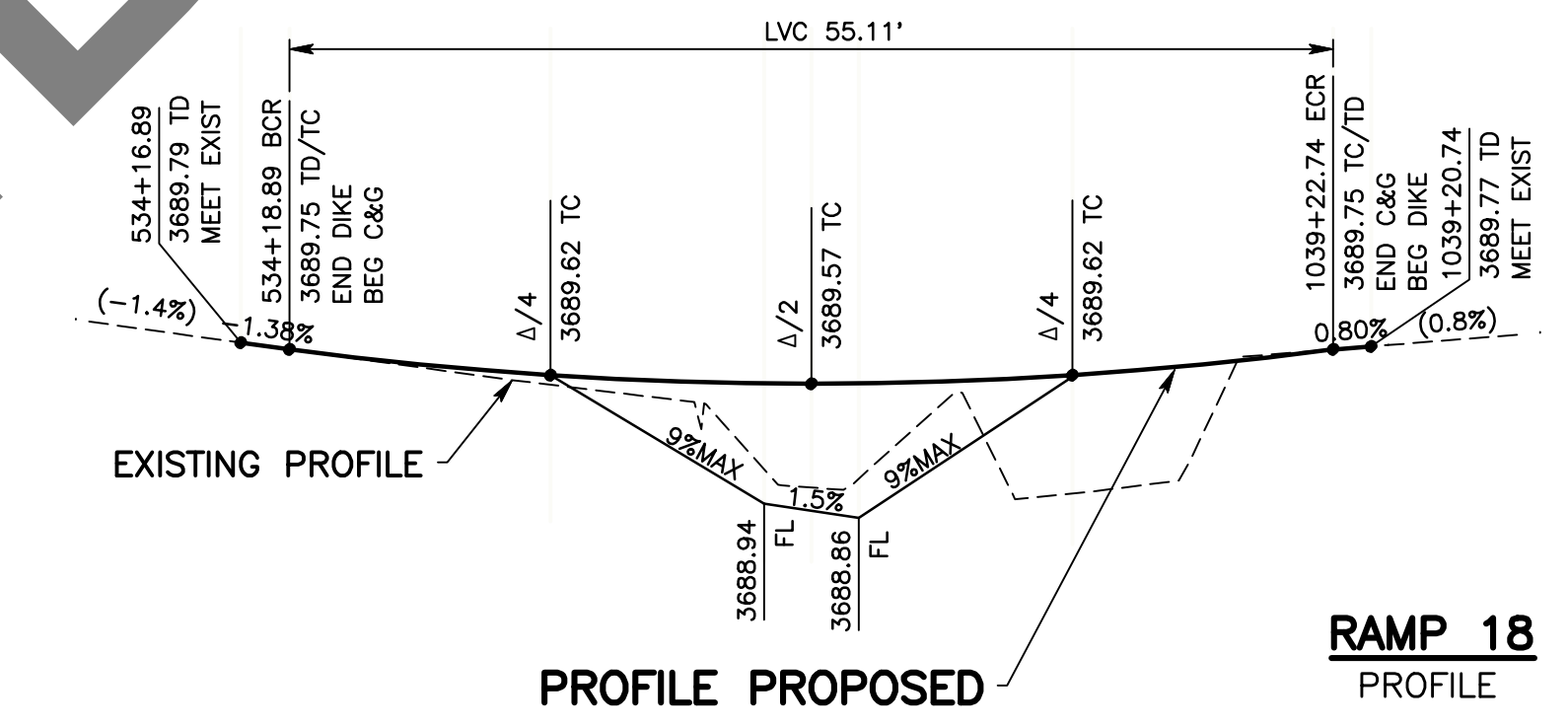
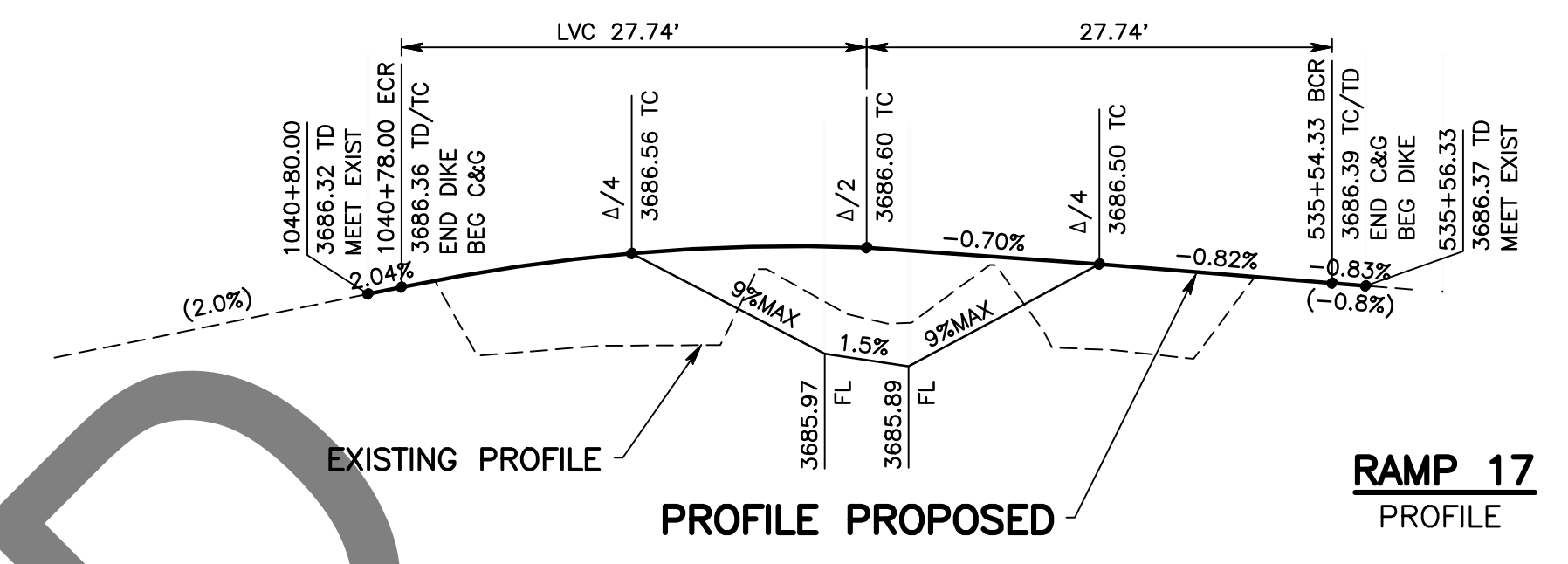
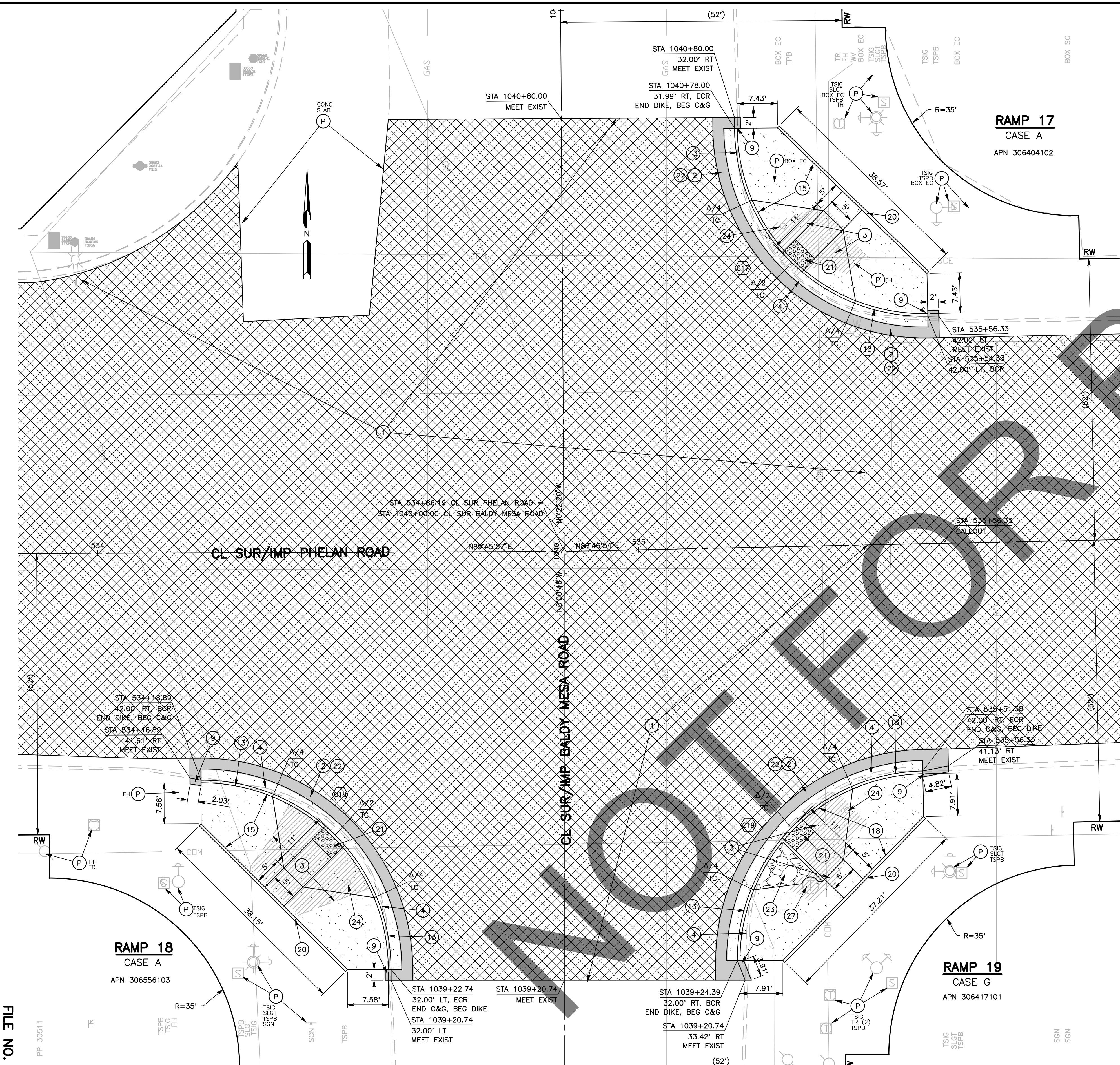


SAN BERNARDINO COUNTY
DEPARTMENT OF PUBLIC WORKS

DESIGNED BY: CBB	DRAWN BY: CBB	CHECKED BY: IU	RECOMMENDED BY: Chris Nguyen, P.E. ENGINEERING MANAGER
APPROVED BY: Don Johnson SUPERVISING PROJECT MANAGER	DATE: 6/28/2024	DATE: 7/3/2024	DATE: 6/28/2024

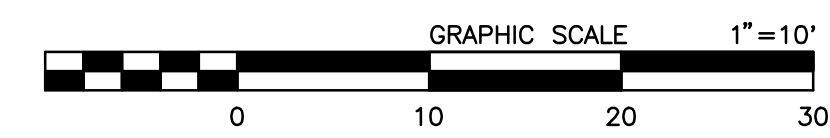
PHELAN ROAD
RAMP DETAILS
PHELAN AREA
RAMP 14, RAMP 15 AND RAMP 16

J.L. REF.	W.O. NO.	PLAN SCALE	SHT. NO.	TOT. SHT'S.
	H15269	1"=10'	25	43



- CONSTRUCTION NOTES:**
- U UTILITIES TO BE RESET BY OTHERS (SEE NOTE U OF GENERAL NOTES ON THIS SHEET)
 - P PROTECT IN PLACE
 - 1 COLD PLANE (0.25' THK) EXISTING ASPHALT CONCRETE PAVEMENT AND PLACE (0.20' THK) ASPHALT CONCRETE TYPE G, 3/4" AG, 76-22 PM RHMA OVER TACK COAT OVER RUBBERIZED CHIP SEAL AS SAMI
 - 2 SAWCUT AND REMOVE EXISTING ASPHALT CONCRETE AND NATURAL GROUND TO A DEPTH OF 0.5'.
 - 3 SAWCUT AND REMOVE EXISTING ASPHALT CONCRETE SURFACING
 - 4 SAWCUT AND REMOVE EXISTING ASPHALT CONCRETE DIKE
 - 9 PLACE ASPHALT CONCRETE DIKE PER COUNTY STD DWG 117
 - 13 CONSTRUCT 8" CURB AND GUTTER PER CALTRANS STD AB7A TYPE A2
 - 15 CONSTRUCT SIDEWALK AND RAMP PER CALTRANS STD AB8A CASE A
 - 18 CONSTRUCT SIDEWALK AND RAMP PER CALTRANS STD AB8A CASE G
 - 20 INSTALL 6" RETAINING CURB PER CALTRANS STD AB8A
 - 21 PLACE DETECTABLE WARNING SURFACE PER CALTRANS STD AB8A
 - 22 PLACE (0.20' THK) ASPHALT CONCRETE TYPE G, 3/4" AG, 76-22 PM RHMA OVER (0.30' THK) ASPHALT CONCRETE TYPE A, 3/4" AG, PG 70-10 HMA OVER COMPACTED NATIVE SOIL
 - 23 PLACE GROUTED ROCK TREATMENT PER SPECIAL DRAWING 1
 - 24 RELOCATE TRAFFIC PUSH BUTTON POLE
 - 27 ADJUST MANHOLE TO GRADE PER COUNTY STD 205

TC RETURN DATA				
NO.	R	Δ	L	T
C17	35.00'	90°50'46"	55.49'	35.52'
C18	35.00'	90°13'17"	55.11'	35.14'
C19	35.00'	88°47'40"	54.24'	34.27'

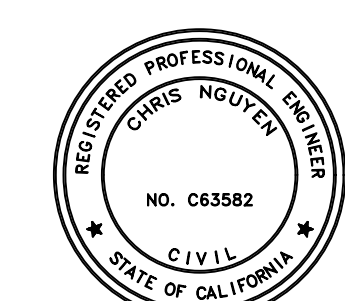


MARK	REVISIONS	DATE

MARK	REVISIONS	DATE

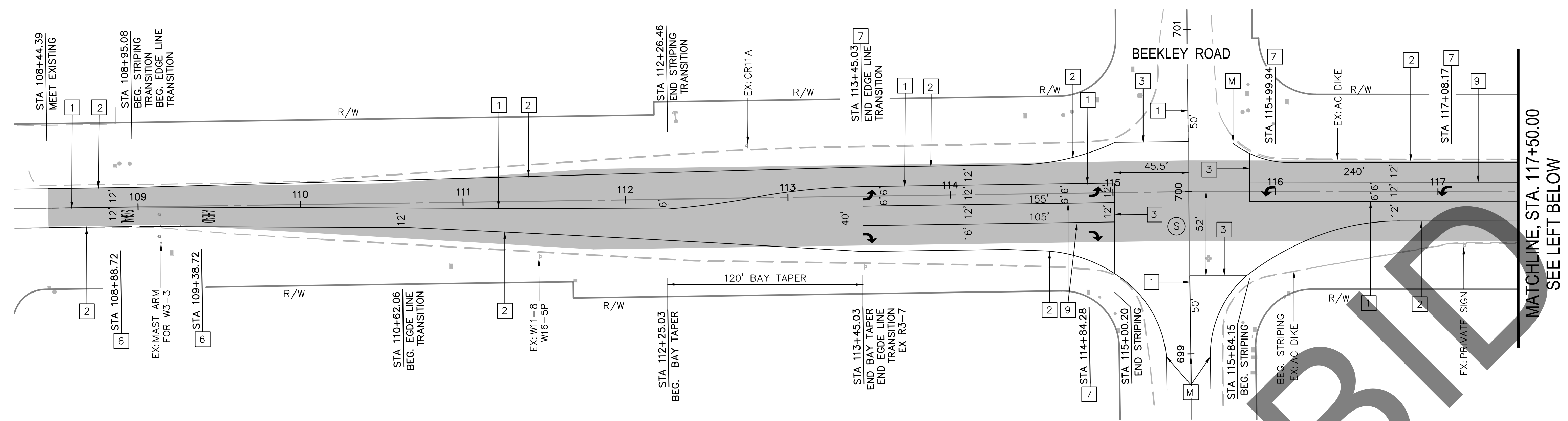
FILE NO. 651850-013

FIELD CHANGES	
MARK	CHANGES
NO CHANGES	RESIDENT ENGINEER DATE



SAN BERNARDINO COUNTY DEPARTMENT OF PUBLIC WORKS			
DESIGNED BY:	DRAWN BY:	CHECKED BY:	RECOMMENDED BY:
CBB	CBB	IU	<i>Chris Nguyen</i> 6/28/2024
APPROVED BY:			DATE
<i>Don Johnson</i> 6/28/2024			7/3/2024
SUPERVISING PROJECT MANAGER		DEPUTY DIRECTOR	

PHELAN ROAD RAMP DETAILS PHELAN AREA RAMP 17, RAMP 18 AND RAMP 19				
J.L. REF.	W.D. NO.	PLAN SCALE	SHT. NO.	TOT. SHT'S.
	H15269	1"=10'	26	43



SAN BERNARDINO COUNTY TRAFFIC CONTROL -GENERAL NOTES

- NOTE 1: ALL SIGNING, STRIPING AND PAVEMENT MARKINGS SHALL BE IN CONFORMANCE WITH THE CALIFORNIA MUTCD LATEST EDITION.
- NOTE 2: ALL STRIPING AND PAVEMENT MARKINGS SHALL BE PAINTED IN CONFORMANCE WITH THE CALTRANS 2018 STANDARD PLANS (DATED MAY 31, 2018).
- NOTE 3: ALL STRIPING (LONG LINE) AND PAVEMENT MARKINGS SHALL BE RETROREFLECTIVE PAINT.
- NOTE 4: ALL SIGNS SHALL BE OF HIGH INTENSITY (FHWA TYPE III/IV) RETROREFLECTIVE SHEETING EXCEPT:
- A. STOP SIGNS SHALL BE DIAMOND GRADE (FHWA TYPE VII IN RURAL SETTINGS AND TYPE IX IN URBAN SETTINGS) RETROREFLECTIVE SHEETING.
 - B. NO PARKING SIGNS SHALL BE OF SUPER ENGINEERING GRADE (FHWA TYPE II) RETROREFLECTIVE SHEETING.
 - C. SCHOOL SIGNS SHALL BE OF DIAMOND GRADE (FHWA TYPE IX) FLUORESCENT YELLOW-GREEN (FYG) RETROREFLECTIVE SHEETING.
 - D. STREET NAME MARKERS SHALL BE OF DIAMOND GRADE (FHWA TYPE IX) RETROREFLECTIVE SHEETING AND CONFORM TO COUNTY STANDARD 303.
 - E. CONSTRUCTION SIGNS SHALL BE OF DIAMOND GRADE (FHWA TYPE IX) FLUORESCENT ORANGE RETROREFLECTIVE SHEETING.
- NOTE 5: ALL DELINEATORS, CHANNELIZERS, AND OBJECT MARKERS SHALL BE OF FHWA TYPE VII RETROREFLECTIVE SHEETING.
- NOTE 6: SIGNS SHALL BE MOUNTED ON METAL POSTS SIMILAR TO COUNTY STANDARDS 303(A) AND 303(B).
- NOTE 7: ALL CONFLICTING STRIPING AND PAVEMENT MARKINGS SHALL BE REMOVED BY THE CONTRACTOR. REMOVAL OF EXISTING TRAFFIC STRIPES AND PAVEMENT MARKINGS SHALL BE BY MECHANICAL MEANS IN CONFORMANCE WITH SCAQMD RULE 1140. PAINTING OVER OR "BLACKING OUT" SHALL NOT BE ACCEPTED. THE CONTRACTOR SHALL OBTAIN APPROVAL FROM THE ENGINEER ON THE FINAL METHOD OF REMOVAL PRIOR TO PERFORMING THE WORK.
- NOTE 8: 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.
- NOTE 9: 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.
- NOTE 10: 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.
- NOTE 11: 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.

SIGNING AND STRIPING CONSTRUCTION NOTES: (THIS SHEET ONLY)

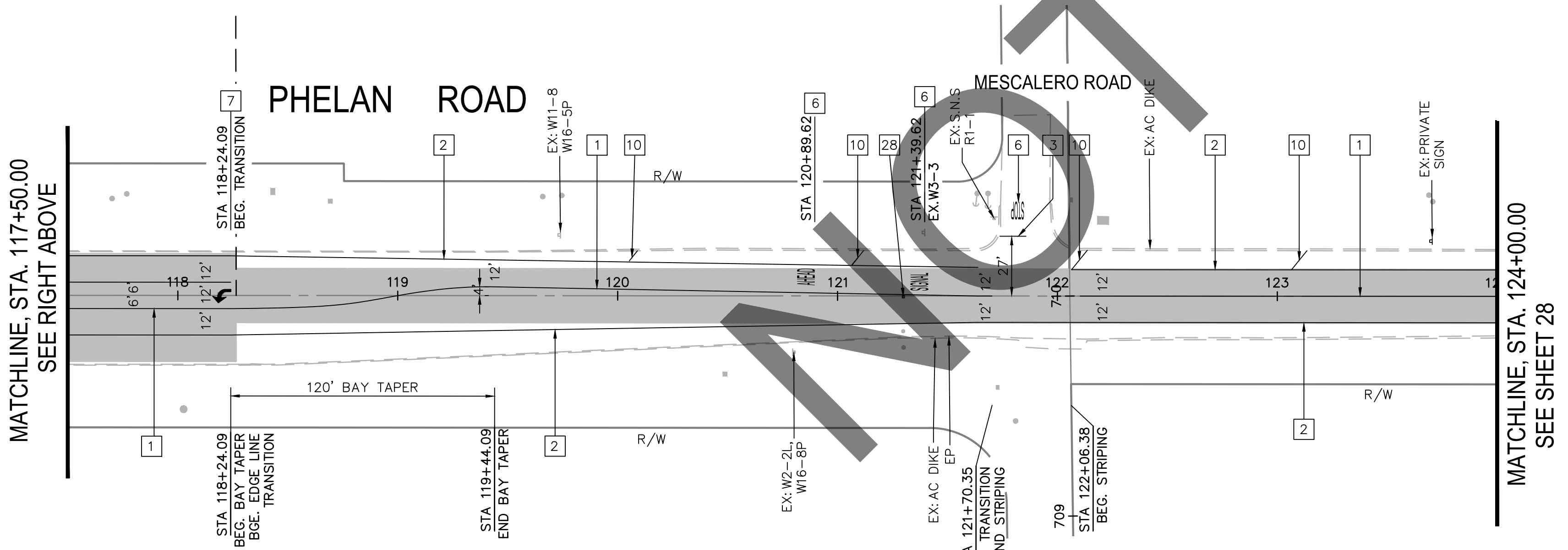
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- 3 PAINT 12-INCH WHITE LIMIT LINE PER CALTRANS 2018 STD. PLAN A24E.
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- 5 PAINT TYPE VI LANE DROP ARROW PAVEMENT MARKING PER CALTRANS 2018 STD. PLAN A24A.
- 6 PAINT WHITE PAVEMENT MARKING LEGEND PER CALTRANS 2018 STD. PLAN A24D, (TYPE PER PLAN).
- 7 PAINT TYPE IV LEFT OR RIGHT TURN ARROW PAVEMENT MARKING PER CALTRANS 2018 STD. PLAN A24A.
- 8 PAINT 6-INCH SOLID WHITE LINE.
- 9 PAINT 8-INCH SOLID WHITE CHANNELIZING LINE PER CALTRANS 2018 STD. PLAN A20D, DETAIL 38.
- 10 PAINT 12-INCH WHITE HATCHING MARKINGS AT 45° AND 100° (OR AS SHOWN) SPACING PER CA MUTCD 2014, SEC.3B.24.
- 11 PAINT 6-INCH DASHED YELLOW LINE PER CALTRANS 2018 STD. PLAN A20A, DETAIL 6.
- 12 PAINT 12-INCH WHITE CHEVRON MARKINGS.
- 13 PAINT 6-INCH DOUBLE-YELLOW MEDIAN ISLAND STRIPE PER CALTRANS 2018 STD. PLAN A20B DETAIL 29.
- 14 PAINT TWO WAY LEFT TURN LANE PER CALTRANS 2018 STD. PLAN A20B, DETAIL 32.
- 15 PAINT 6-INCH DASHED WHITE LINE PER CALTRANS 2018 STD. PLAN A20A, DETAIL 9.
- 16 PAINT 12-INCH SOLID WHITE CROSSWALK PER CALTRANS 2018 STD. PLAN A24F, BASIC AND DETAIL B OF CALTRANS A88A WHERE APPLICABLE.
- 17 PAINT WHITE PAVEMENT MARKING LEGEND PER CALTRANS 2018 STD. PLAN A24C, (TYPE PER PLAN).
- 18 PAINT SOLID YELLOW CROSSWALK PER CALTRANS 2018 STD. PLAN A24F, LADDER.(2FT PAINT,3 FT GAPS)
- 19 PAINT TYPE I ARROW PAVEMENT MARKING PER CALTRANS 2018 STD. PLAN A24A
- 20 PAINT SOLID YELLOW CROSSWALK PER CALTRANS 2018 STD. PLAN A24F, BASIC.
- 21 PAINT WHITE PAVEMENT MARKING LEGEND RAILROAD CROSSING SYMBOL PER CALTRANS 2018 STD. PLAN A24B AND MUTCD 2014, FIGURE 8B-6 (CA).
- 22 NOT USED
- 23 PAINT TYPE VII (R) ARROW PAVEMENT MARKING PER CALTRANS 2018 STD. PLAN A24A.
- 24 NOT USED
- 25 PAINT 8-INCH DASHED WHITE LANE DROP PER CALTRANS 2018 STD. PLAN A20C, DETAIL 37B.
- 26 INSTALL NEW SIGN(S) AS SHOWN ON PLAN AND PER CA MUTCD 2014, FIGURES 2A-2(CA) AND 2A-3.
- 27 NOT USED
- 28 INSTALL FIRE HYDRANT BLUE PAVEMENT MARKER PER CA MUTCD 2014, FIGURE 3B-102 (CA).
- 29 PAINT 6-INCH DASHED WHITE LINE PER CALTRANS 2018 STD. PLAN A20A, DETAIL 12.
- 30 RELOCATE AND INSTALL EXISTING W10-1 SIGN PER CA MUTCD 2014, FIGURES 2A-2(CA), 2A-3 AND 8B-6 (CA).
- 31 ALL EXISTING SIGNS TO BE PROTECTED IN PLACE UNLESS OTHERWISE SPECIFIED.
- 32 NOT USED
- 33 INSTALL TYPE F CHANNELIZER-SURFACE MOUNTED FLEXIBLE BASE PER THE CA MUTCD 2014, FIG 3H-101(CA).
- 34 INSTALL TYPE L-1(CA)0M2-2V OBJECT MARKER PER THE CA MUTCD 2014, FIG 2C-13(CA).

- M MATCH/JOIN EXISTING
 - S SIGNALIZED INTERSECTION
- NOTE: ALL PAVEMENT MARKERS FOR INSTALLATION WITH TRAFFIC STRIPES AND FIRE HYDRANTS SHALL BE RECESSED. RECESSED PAVEMENT MARKERS SHALL BE INSTALLED IN ACCORDANCE WITH CALTRANS STANDARD PLAN A20D, AND AS SPECIFIED IN THE SPECIAL PROVISIONS.

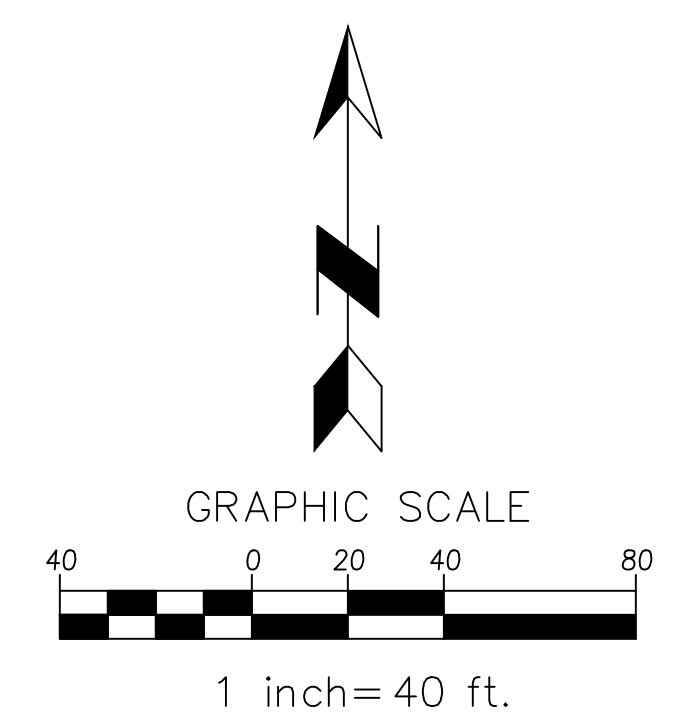
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MARK	REVISIONS	DATE



Underground Service Alert

Call: TOLL FREE 1-800-227-2600

TWO WORKING DAYS BEFORE YOU DIG

MARK CHANGES NO CHANGES

RESIDENT ENGINEER DATE

FIELD CHANGES

SAN BERNARDINO COUNTY
DEPARTMENT OF PUBLIC WORKS

DESIGNED BY: CG/JHC DRAWN BY: CG CHECKED BY: JHC/LL RECOMMENDED BY: ANTHONY PHAM, P.E. DATE: 7/1/2024

APPROVED BY: GRANT MANN, P.E. DATE: 7/3/2024

LEI LL, P.E. SUPERVISING ENGINEER

PHELAN ROAD

SIGNING AND STRIPING PLAN

PHELAN AREA

J.L. REF. J.L.#XXXX	W.O. NO. H15269	PLAN SCALE AS SHOWN	SHT. NO. 27	TOT. SHT'S. 43
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SIGNING AND STRIPING CONSTRUCTION NOTES: (THIS SHEET ONLY)

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- M MATCH/JOIN EXISTING

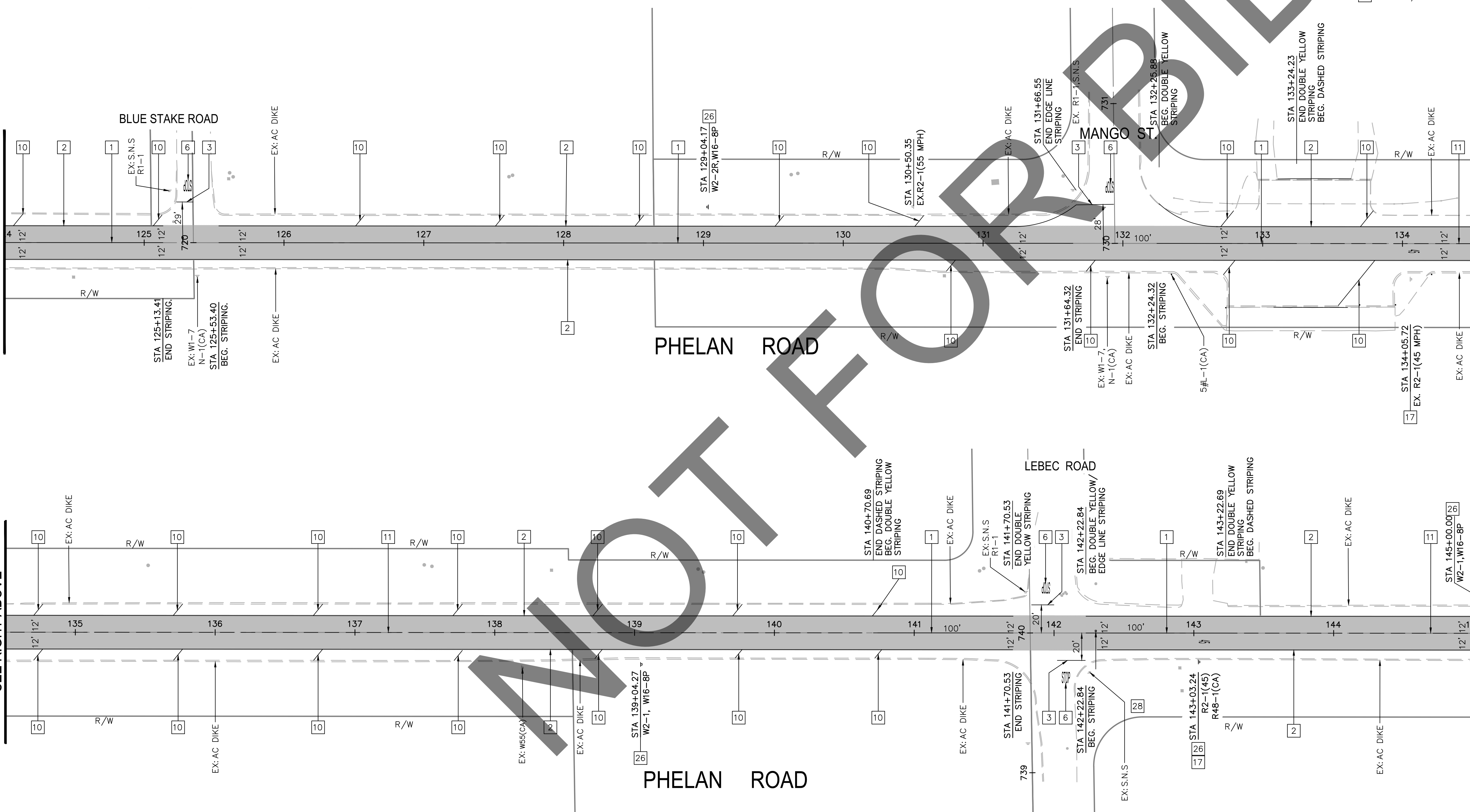
MATCHLINE, STA. 124+00.00
SEE SHEET 27

MATCHLINE, STA. 134+50.00
SEE RIGHT ABOVE

MATCHLINE, STA. 134+50.00
SEE LEFT BELOW

MATCHLINE, STA. 145+00.00
SEE SHEET 29

FILE NO. 651850-013



MARK	REVISIONS	DATE	APPR.

NOTE: ALL PAVEMENT MARKERS FOR INSTALLATION WITH TRAFFIC STRIPES AND FIRE HYDRANTS SHALL BE RECESSED. RECESSED PAVEMENT MARKERS SHALL BE INSTALLED IN ACCORDANCE WITH CALTRANS STANDARD PLAN A20D, AND AS SPECIFIED IN THE SPECIAL PROVISIONS.

Underground Service Alert



Call: TOLL FREE 1-800-227-2600

TWO WORKING DAYS BEFORE YOU DIG

MARK	CHANGES	RESIDENT ENGINEER	DATE
	NO CHANGES		

FIELD CHANGES

REGISTERED PROFESSIONAL ENGINEER

ANTHONY PHAM

C 76378

CIVIL

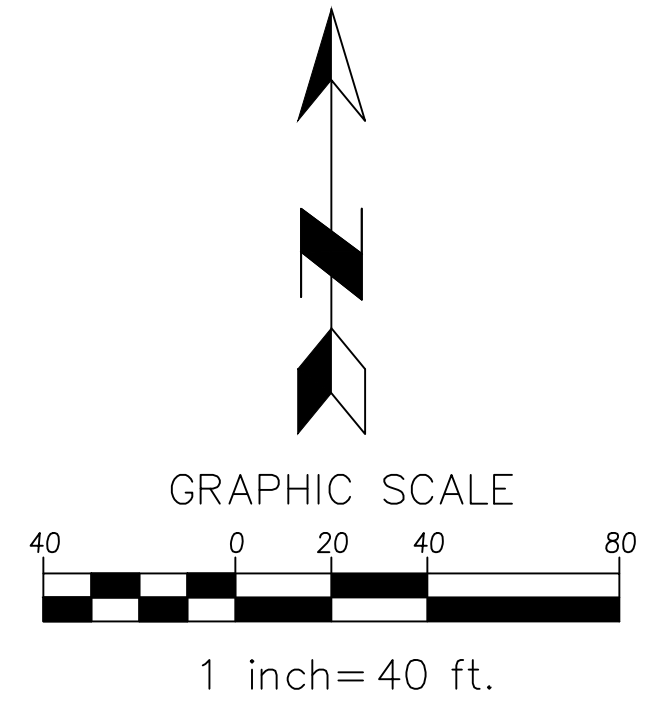
STATE OF CALIFORNIA

SAN BERNARDINO COUNTY
DEPARTMENT OF PUBLIC WORKS

DESIGNED BY: CG/JHC	DRAWN BY: CG	CHECKED BY: JHC/LL	RECOMMENDED BY: ANTHONY PHAM, P.E. ENGINEERING MANAGER, TRAFFIC DIVISION
DATE: 7/2/2024	DATE: 7/2/2024	DATE: 7/3/2024	DATE: 7/1/2024

APPROVED BY: GRANT MANN, P.E. DEPUTY DIRECTOR

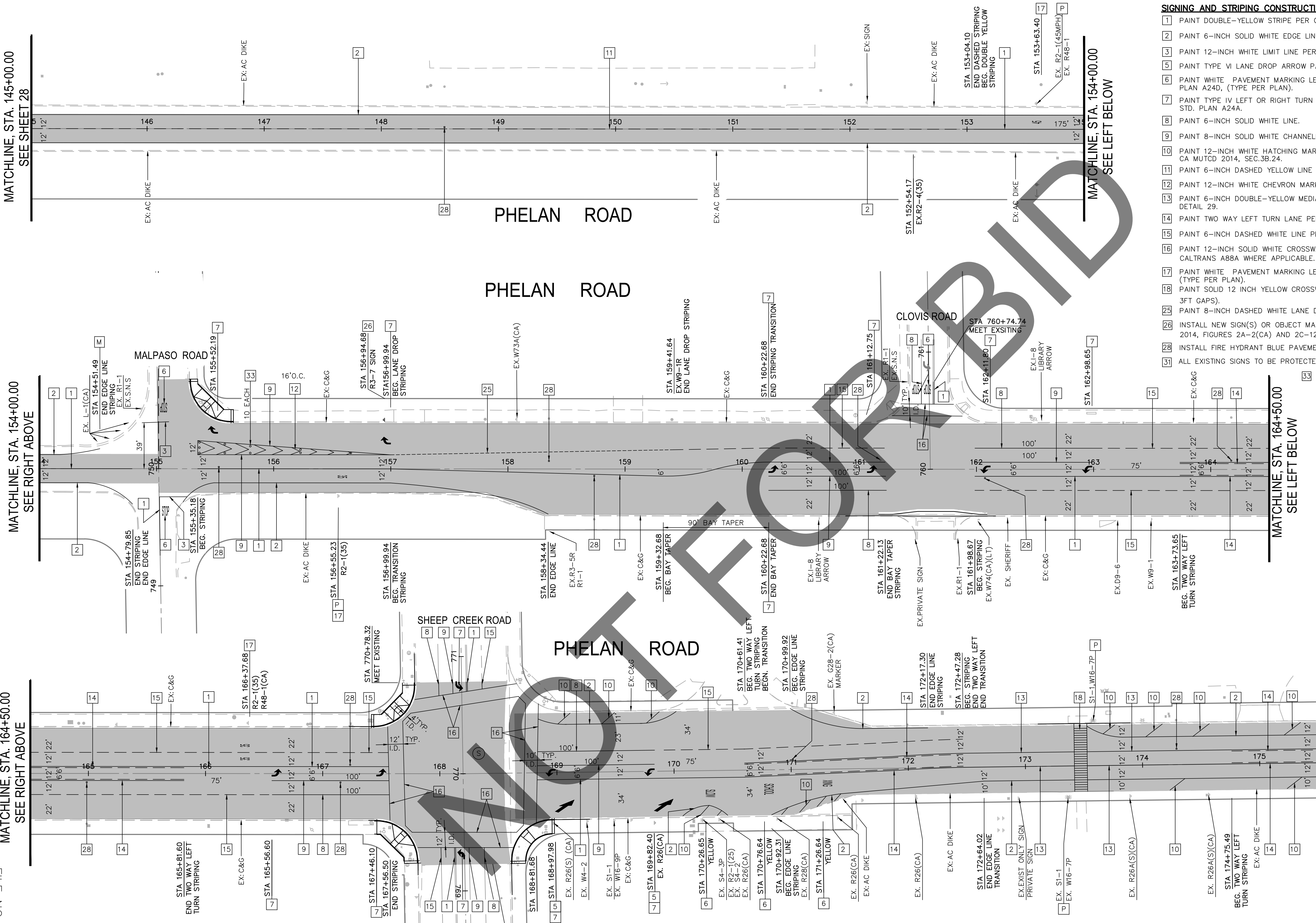
PHELAN ROAD				
SIGNING AND STRIPING PLAN				
PHELAN AREA				
J.L. REF. J.L.#XXXX	W.O. NO. H15269	PLAN SCALE AS SHOWN	SHT. NO. 28	TOT. SHT'S. 43



SIGNING AND STRIPING CONSTRUCTION NOTES: (THIS SHEET ONLY)

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- P PROTECT IN PLACE
- M MATCH/JOIN EXISTING
- S SIGNALIZED INTERSECTION



MATCHLINE, STA. 145+00.00
SEE SHEET 28

MATCHLINE, STA. 154+00.00
SEE RIGHT ABOVE

MATCHLINE, STA. 164+50.00
SEE RIGHT ABOVE

MATCHLINE, STA. 154+00.00
SEE LEFT BELOW

MATCHLINE, STA. 164+50.00
SEE LEFT BELOW

MATCHLINE, STA. 175+00.00
SEE SHEET 30

MARK	REVISIONS	DATE	APPR.

NOTE: ALL PAVEMENT MARKERS FOR INSTALLATION WITH TRAFFIC STRIPES AND FIRE HYDRANTS SHALL BE RECESSED. RECESSED PAVEMENT MARKERS SHALL BE INSTALLED IN ACCORDANCE WITH CALTRANS STANDARD PLAN A20D, AND AS SPECIFIED IN THE SPECIAL PROVISIONS.

Underground Service Alert

 Call: TOLL FREE 1-800-227-2600
 TWO WORKING DAYS BEFORE YOU DIG

MARK	CHANGES	RESIDENT ENGINEER	DATE
	NO CHANGES		

FIELD CHANGES

REGISTERED PROFESSIONAL ENGINEER
 ANTHONY PHAM
 CIVIL
 STATE OF CALIFORNIA
 C 76378

SAN BERNARDINO COUNTY
 DEPARTMENT OF PUBLIC WORKS

DESIGNED BY: CG/JHC	DRAWN BY: CG	CHECKED BY: JHC/LL	RECOMMENDED BY: ANTHONY PHAM, P.E. ENGINEERING MANAGER, TRAFFIC DIVISION
DATE: 7/2/2024	DATE: 7/2/2024	DATE: 7/3/2024	DATE: 7/1/2024

APPROVED BY: LEI LI, P.E. SUPERVISING ENGINEER

PHELAN ROAD
 SIGNING AND STRIPING PLAN
 PHELAN AREA

J.L. REF. J.L.#XXXX	W.O. NO. H15269	PLAN SCALE AS SHOWN	SHT. NO. 29	TOT. SHTS. 43
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