

APPROVED AS TO IMPACT ON STATE FACILITIES AND CONFORMANCE WITH APPLICABLE STATE STANDARDS AND PRACTICES AND THAT TECHNICAL OVERSIGHT WAS PERFORMED.

DATE SIGNED

LICENSE Exp DATE

REGISTRATION No.

CALTRANS DESIGN OVERSIGHT APPROVAL
YESSUF TEGEGNE

CONSULTANT DESIGN MANAGER
STEVEN B. FRIESEN, PE

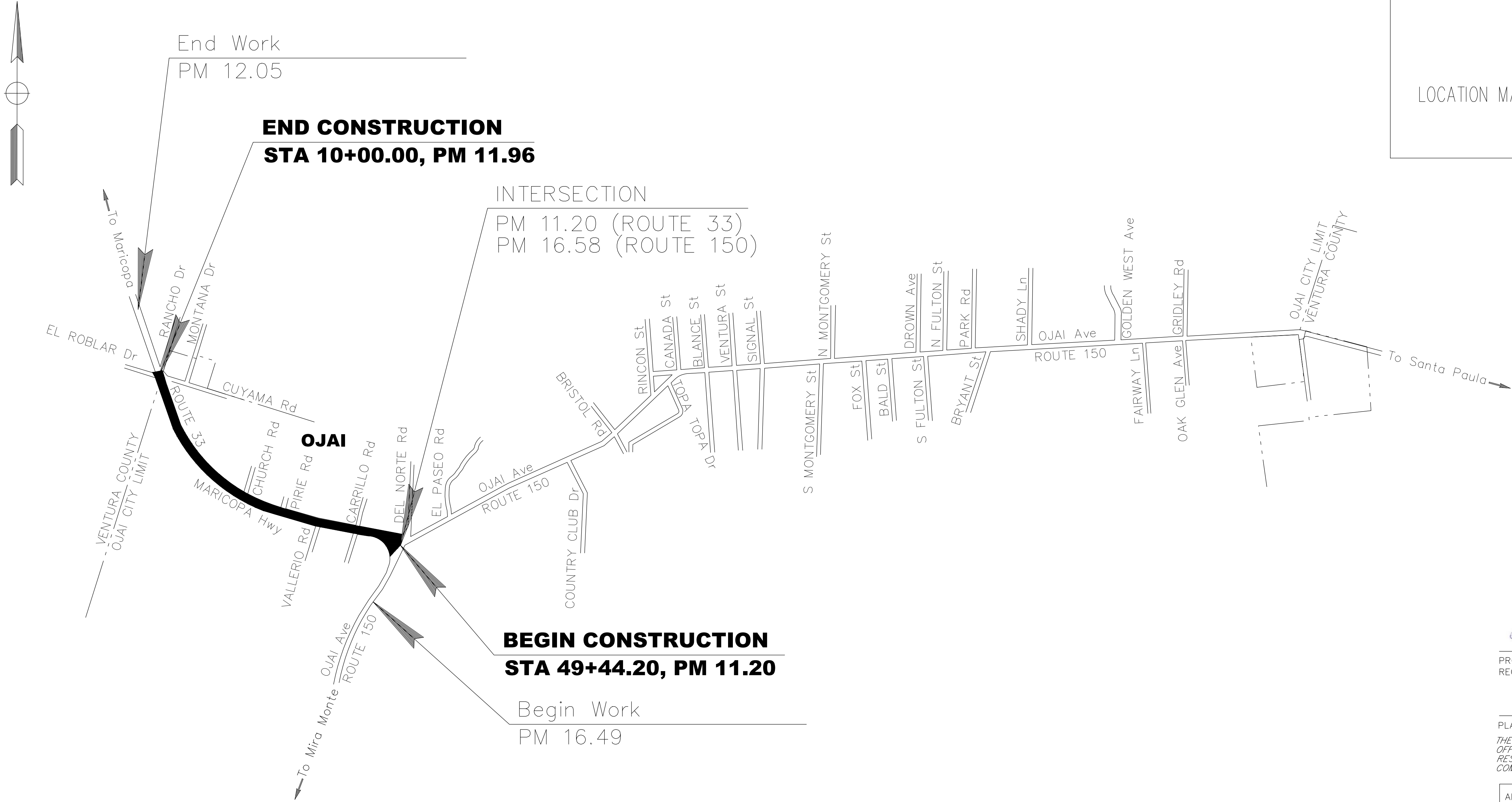
INDEX OF PLANS

SHEET NO.	DESCRIPTION
—	CALTRANS TITLE SHEET
1	TITLE SHEET
2	CONSTRUCTION NOTES, STRIPING NOTES, DISPOSITION NOTES, LEGEND, ABBREVIATIONS
3	TYPICAL SECTIONS
4–10	MARICOPA HIGHWAY IMPROVEMENTS
11	CURB RAMP CONSTRUCTION DETAILS
12	DRAINAGE DETAILS AND PROFILES
13	CONSTRUCTION DETAILS
14–15	PAVEMENT DELINEATION AND SIGNAGE
16–25	REVISED STANDARD PLANS

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

PROJECT PLANS FOR CONSTRUCTION ON
STATE HIGHWAY
IN VENTURA COUNTY
IN THE CITY OF OJAI
ON ROUTE 33 FROM JUNCTION ROUTE 150 TO EL ROBLAR DRIVE
PHASE 1

TO BE SUPPLEMENTED BY STANDARD PLANS DATED 2022



PROJECT ENGINEER
REGISTERED CIVIL ENGINEER

DATE
02/23/2024

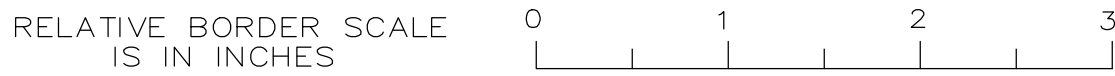
PLANS APPROVAL DATE
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

REGISTERED PROFESSIONAL ENGINEER
STEVEN B. FRIESEN
No. 42110
Exp. 03/31/2026
CIVIL
STATE OF CALIFORNIA

ALTA PLANNING + DESIGN 617 W. 7TH STREET, SUITE 1103 LOS ANGELES, CA 90017	
CITY OF OJAI 401 S. VENTURA STREET OJAI, CA 93023	
CONTRACT No.	07-35780
PROJECT ID	0717000164

THE CONTRACTOR SHALL POSSESS THE CLASS (OR CLASSES)
OF LICENSE AS SPECIFIED IN THE "NOTICE TO BIDDERS."

NO SCALE



USERNAME => \$USER
DGN FILE => \$REQUEST

UNIT 1818 PROJECT NUMBER & PHASE 07170001641

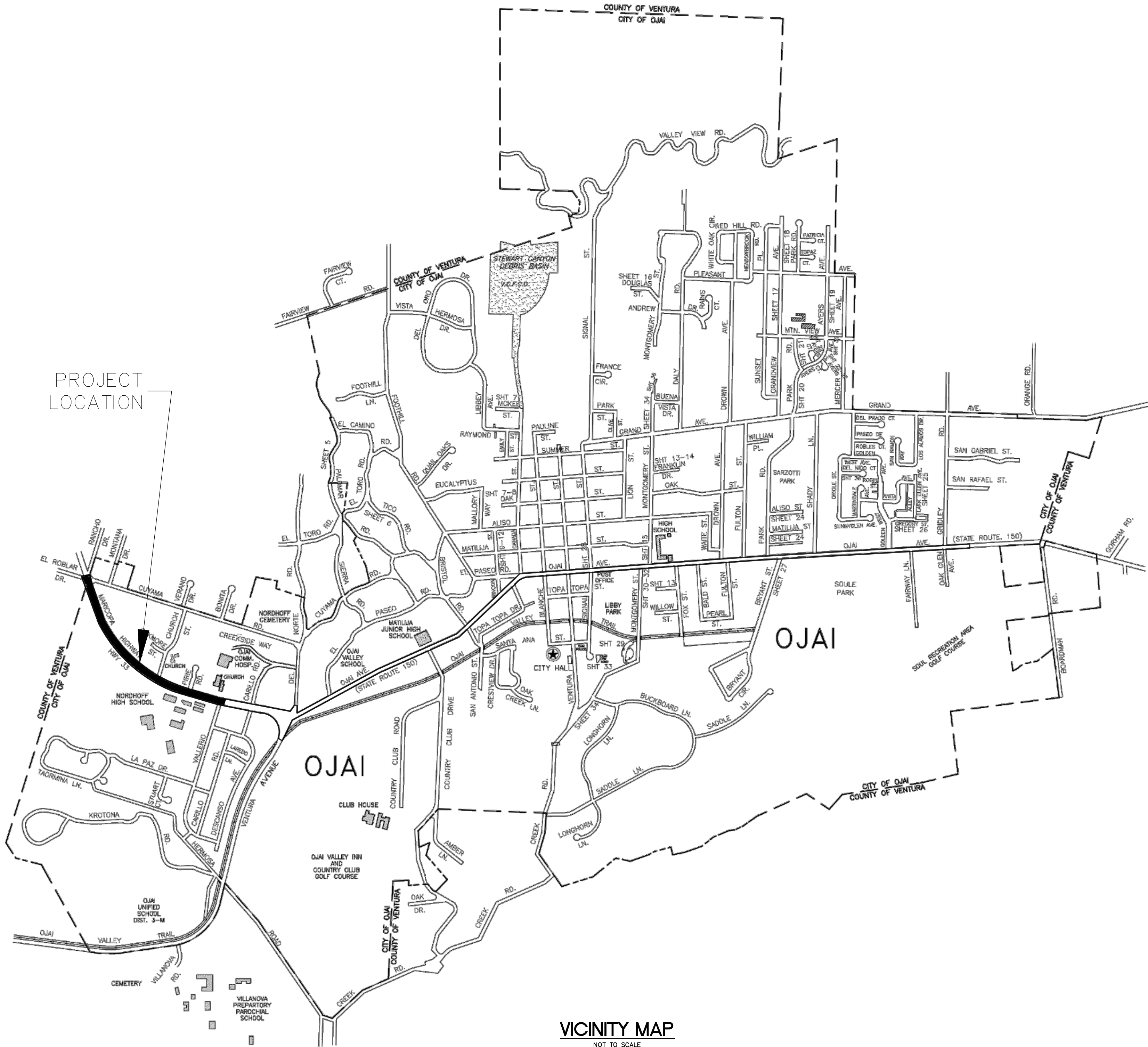
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TIME PLOTTED => \$TIME

LAST REVISION
00-00-00

SR 150 AND SR 33 PEDESTRIAN AND BICYCLE SAFETY IMPROVEMENTS

GENERAL CONSTRUCTION NOTES:

- WORK WITHIN STATE R/W SHALL COMPLY WITH CALTRANS 2022 STANDARD PLANS AND SPECIFICATIONS, EXCEPT AS OTHERWISE STATED IN THE CONTRACT PLANS AND SPECIFICATION. IN ADDITION TO THE CALTRANS STANDARD SPECIFICATIONS, THE PROJECT SHALL ALSO COMPLY WITH STANDARD PLANS, REVISED STANDARD PLANS, REVISED STANDARD SPECIFICATIONS AND SPECIAL PROVISIONS.
- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THE STATE OF CALIFORNIA DIVISION OF INDUSTRIAL SAFETY.
- CONTRACTOR SHALL POSSESS A CONTRACTOR'S LICENSE OF A TYPE THAT IS APPROPRIATE FOR THE WORK AND SHALL FURNISH EVIDENCE OF THE SAME AT THE TIME THE CONTRACT IS AWARDED.
- CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTION SITE SAFETY. CONSTRUCTION EQUIPMENT AND MATERIALS ON SITE SHALL BE USED IN SUCH MANNER AS TO AVOID CREATING A PUBLIC NUISANCE. THE CONTRACTOR MAY SELECT THEIR DESIRED STAGING AREA AND SHALL OBTAIN APPROVAL BY THE CITY FOR THEIR PROPOSED STAGING AREA PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR WILL BE RESPONSIBLE FOR REPAIRING THE SELECTED CONSTRUCTION STAGING AREA. ANY DAMAGE TO LANDSCAPE, IRRIGATION, OR OTHER EXISTING SITE AMENITY THAT IS CAUSED A RESULT OF THE PROJECT CONSTRUCTION PROCEDURES WITHIN THE STAGING AREA OR SURROUNDING AREAS ADJACENT TO THE PROJECT SITE SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
- CONTRACTOR MUST NOTIFY UNDERGROUND SERVICE ALERT TWO (2) FULL DAYS IN ADVANCE OF COMMENCING CONSTRUCTION AT 811. NO WORK SHALL BE DONE ON THE SITE UNTIL DIGALERT IS NOTIFIED OF INTENTIONS TO GRADE OR EXCAVATE.
- CONTRACTOR SHALL PROVIDE SCHEDULE WITHIN 7 DAYS OF NOTICE TO PROCEED THAT INCLUDES ADEQUATE UTILITY NOTIFICATIONS, AND UPDATE AS NECESSARY AS CHANGES OCCUR.
 - CITY OF OJAI – GREG GRANT: (805)646-5581 EXT. 251
 - AT&T – MICHELLE CURAMEN: (310)538-7437
 - CASITAS MUNICIPAL WATER DISTRICT – GUSTAVO MURO: (805)649-2251
 - CHARTER – ROCIO YANES: (951)406-1607
 - MEINERS OAKS WATER DISTRICT – MIKE HOLLEBRANDS: (805)646-2297
 - SOCAL GAS – MARICRUZ DE LA TORRE: (818)701-2539
 - SOCAL EDISION – KIM GURULE: (714)796-9932
 - OJAI VALLEY SANITARY DISTRICT – LIZ DUBRIN: (805)646-5548
 - VENTURA COUNTY TRANSPORTATION DEPT. – APRIL HERNANDEZ: (805)654-5171
 - VENTURA RIVER WATER DISTRICT – BERT RAPP: (805)646-3403
- THE EXISTENCE, LOCATION, AND CHARACTERISTICS OF UNDERGROUND AND ABOVE GROUND UTILITY INFORMATION SHOWN ON THESE PLANS HAVE BEEN OBTAINED FROM A REVIEW OF AVAILABLE RECORD DATA. NO REPRESENTATION IS MADE AS TO THE ACCURACY OR COMPLETENESS OF SAID INFORMATION. THE CONTRACTOR SHALL CONFIRM EXISTING CONDITIONS PRIOR TO BEGINNING WORK PER PHASE. IF CONDITIONS DIFFER FROM THOSE SHOWN ON THE PLANS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND SHALL NOT BEGIN CONSTRUCTION UNTIL THE CHANGED CONDITIONS HAVE BEEN EVALUATED. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONARY MEASURES NECESSARY TO PROTECT THE UTILITY LINE SHOWN AND ANY OTHER IN SERVICE LINES NOT ON RECORD OR NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL POTHOLE ANY QUESTIONABLE UTILITIES PRIOR TO WORK TO CONFIRM DEPTH.
- PROTECT EXISTING UTILITIES IN PLACE AND DROP, ADJUST, OR RELOCATE FOR FINAL SURFACE ELEVATIONS. CONTRACTOR SHALL COORDINATE ANY UTILITY ADJUSTMENT WITH THE PERSPECTIVE UTILITY AGENCY.
- CONTRACTOR SHALL MAINTAIN A COMPLETE AND ACCURATE RECORD OF ALL CHANGES OR CONSTRUCTION FROM THAT SHOWN IN THESE PLANS AND SPECIFICATIONS FOR THE PURPOSE OF PROVIDING A BASIS FOR RECORD DRAWINGS. NO CHANGES SHALL BE MADE WITHOUT PRIOR WRITTEN APPROVAL OF THE ENGINEER OF RECORD.
- WORK DONE IN CONFLICT OF THESE PLANS WITHOUT APPROVAL BY THE CITY AND CALTRANS WILL BE SUBJECT TO REJECTION.
- CONTRACTOR SHALL FURNISH ONE COMPLETE SET OF RECORD DRAWINGS. CHANGES TO CONSTRUCTION SHALL BE CLEARLY DELINEATED IN RED INK ON THE RECORD DRAWINGS. THE LOCATION, CHARACTER AND DEPTH OF EXISTING UTILITIES ENCOUNTERED DURING CONSTRUCTION SHALL ALSO BE SHOWN ON THE RECORD DRAWINGS.
- ALL DAMAGE CAUSED TO PUBLIC AND PRIVATE STREETS, INCLUDING HAUL ROUTES, ALLEYS, SIDEWALKS, CURBS OR STREET FURNISHINGS, OR TO PRIVATE PROPERTY SHALL BE REPAIRED AT THE SOLE EXPENSE OF THE CONTRACTOR TO THE CITY'S SATISFACTION.
- DIMENSIONED DISTANCES SHALL TAKE PRECEDENCE OVER SCALED DISTANCES.
- ALL CONCRETE FOR REMOVE AND REPLACE CONSTRUCTION ACTIVITIES MUST BE SAWCUT TO THE NEAREST COLD AND/OR SCORE JOINT. CONCRETE AND EXISTING IMPROVEMENTS TO REMAIN MUST BE PROTECTED IN PLACE.
- DUGOUT AREAS (PAVEMENT AREAS TO BE REMOVED AND REPLACED) SHALL BE MARKED IN THE FIELD BY THE CITY. THE CONTRACTOR SHALL ONLY REMOVE WHAT CAN BE REPLACED THAT SAME DAY.
- EXCAVATION WITHIN THE STREETS SHALL BE BACKFILLED AND PAVED THE SAME DAY, OR MUST BE COVERED WITH TRAFFIC-RATED, NONSKID SURFACED STEEL PLATES.
- CONTRACTOR IS RESPONSIBLE FOR ALL TRAFFIC CONTROL MEASURES. ALL TRAFFIC CONTROL PLANS AND DEVICES SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (CALTRANS). IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE SAFE TRAFFIC CONTROL MEASURES IN AND AROUND THE CONSTRUCTION SITE(S).
- CONTRACTOR MUST REPLACE ALL PAVEMENT MARKINGS (STRIPING, LEGENDS, STOP BARS, ETC) WITHIN LIMITS OF WORK, AND OUTSIDE OF LIMITS SHOULD THE PAVEMENT MARKINGS BE DAMAGED BY CONSTRUCTION ACTIVITIES. PAVEMENT MARKINGS (STRIPING, LEGENDS, STOP BARS, ETC) MUST MATCH EXISTING UNLESS OTHERWISE SHOWN ON PLAN OR DIRECTED BY THE CITY. ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC.
- CURB RETURNS, SPANDRELS, AND GUTTER SHALL BE POURED MONOLITHICALLY. USE DRILL AND BOND WITH #6 DEFORMED BARS 30 INCHES LONG TO TIE SPANDREL WITH THE EXISTING CROSS GUTTER PAVEMENT. SEE 2022 STANDARD PLAN P15 FOR CONCRETE PAVEMENT TIE BAR DETAILS.
- ALL MINOR CONCRETE (RAMPS, SIDEWALKS, DRIVEWAYS, CURBS, AND GUTTERS) WITHIN CALTRANS R/W SHALL BE PLACED ON TOP OF 0.35' AB, CLASS III. THIS BASE MAY BE WAIVED PROVIDED THE NATIVE SOIL HAS A MINIMUM SAND EQUIVALENT VALUE OF 20 AS DETERMINED BY CALIFORNIA TEST METHOD 217F.
- ALL CONCRETE CURB AND GUTTER, PAVEMENT WITH LESS THAN 1% GRADE SHALL BE WATER TESTED PRIOR TO FINAL ACCEPTANCE TO ENSURE POSITIVE DRAINAGE WITHOUT LOW SPOTS. IF ANY AREAS ARE IDENTIFIED WHERE PONDING OCCURS, THE CONTRACTOR SHALL REMOVE AND REPLACE THOSE IMPROVEMENTS AT THEIR EXPENSE.
- CONTRACTOR MUST AT ALL TIMES DURING CONSTRUCTION PROVIDE ACCESS FOR VEHICLES, CUSTOMERS AND BUSINESSES, AND SHALL NOTIFY THE APPROPRIATE EMERGENCY AND COMMUNITY SERVICE AGENCIES 48 HOURS PRIOR TO THE START OF CONSTRUCTION.
- VEHICULAR ACCESS TO DRIVEWAYS SHALL BE MAINTAINED TO THE PROPERTY LINE EXCEPT WHEN NECESSARY CONSTRUCTION PRECLUDES SUCH ACCESS FOR REASONABLE PERIODS OF TIME AS APPROVED BY THE ENGINEER. STEEL PLATES SHALL BE USED IN ORDER TO MAINTAIN ACCESS WHILE WORK HAS NOT BEEN COMPLETED.
- ANY LANE CLOSURE RESULTING IN THE REDUCTION OF THE AVAILABLE WIDTH OF TRAVELED WAY (IN DIRECTION OF TRAVEL) TO 20 FEET OR LESS, AND ANY DETOURS, SHALL BE REPORTED BY THE RESIDENT ENGINEER, TO THE STATEWIDE CONSTRUCTION LIAISON (SCL); (FAX: 916-322-4081) AT LEAST 15 DAYS IN ADVANCE OF THE PLANNED CLOSURE, PER CALTRANS' CONSTRUCTION MANUAL (CCM), SECTION 3-703A (1) DATED JUNE 2013. THE RESIDENT ENGINEER IS ALSO RESPONSIBLE TO NOTIFY THE SCL (BY ABOVE MENTIONED FAX) OF ANY CHANGES TO THE VERTICAL CLEARANCES (IF ANY) AT LEAST 15 DAYS PRIOR TO OPENING THE ROADWAY TO MOTORISTS PER ABOVE MENTIONED CCM SECTION.
- PEDESTRIAN WALKWAYS MUST BE MAINTAINED WITH SAFETY FENCING OR BARRIER SEPARATION FROM ADJACENT EXCAVATION WHEN SAID EXCAVATION IS LEFT UNMANNED. ALL TRENCHES DEEPER THAN FIVE FEET SHALL BE PROTECTED BY COVERING AND/ OR APPROVED FENCING AT ALL TIMES EXCEPT WHERE WORK IS IN PROGRESS AND WORKERS ARE CONTINUOUSLY PRESENT. ONE SIDEWALK ON EITHER SIDE OF STREET MUST REMAIN OPEN FOR PEDESTRIAN AND ADA ACCESS AT ALL TIMES AN SHALL BE COORDINATED PER EACH PHASE.
- CONTRACTOR SHALL PREVENT SEDIMENT, DEBRIS, ASPHALT, AND ANY OTHER MATERIALS FROM ENTERING THE STORM DRAIN OR ANY RECEIVING WATER. ALL STORM DRAIN INLETS SHALL BE COVERED WITH GEOFABRIC AND GRAVEL BAGS AND SHALL BE PLACED PER NPDES/ CONTRACTOR'S SWPPP.
- WHERE AREAS USE COLD PLANE AND OVERLAY STRATEGY, ANY EXISTING AC REMAIN IN PLACE AFTER SHALL BE AT LEAST 0.15' THICK FOR STABILITY.
- AFTER MILLING, PRIOR TO OVERLAY, REPAIR THE LOCALIZED FAILED AREAS AND REPLACE WITH NEW HMA-A, AND SEAL ALL EXPOSED CRACKS GREATER THAN 1/8" TO 1" WIDE WITH HOT APPLIED ASPHALT SEALANT. (SEE DETAIL A ON SHEET XX)
- THE MINIMUM REPLACED THICKNESS OF HMA-A OR RHMA-G IS 0.15'.
- THE MAXIMUM THICKNESS FOR RHMA-G IS 0.20'.
- THE PERFORMANCE GRADE OF ASPHALT BINDER FOR HMA-A SHALL BE PG 64-10 AND PG 64-16 FOR RHMA-G.
- RHMA-G LAYER SHALL ONLY BE PLACED OVER A MINIMUM 0.15' OF EXISTING AC OR NEW HMA AND NOT DIRECTLY ON TOP OF AN AGGREGATE BASE.



SHEET INDEX

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BENCHMARK AND BASIS OF BEARING

HORIZONTAL AND VERTICAL CONTROL WAS PROVIDED BY CALTRANS DISTRICT 7 TO ALTA PLANNING AND DESIGN AS PART OF CALTRANS SURVEY REQUEST SR 19-175.

HORIZONTAL DATUM: NAD83, ZONE V, US SURVEY FEET, EPOCH 1991.35.

BASIS OF HORIZONTAL CONTROL:

THE ADJUSTED POSITIONS AND ELLIPSOID HEIGHTS AT STATIONS 2198, 2200, 2201, AND 2202 FROM SR-19-175 WERE HELD FIXED AS THE BASIS OF COORDINATES FOR THE HORIZONTAL CONTROL AND VERTICAL DATUM.

STATION # / PID	LATITUDE	LONGITUDE	ELLIPSOID HEIGHT
2198 (EW5415)	34-22-48.26628	119-18-17.11225	214.864
2200 (EW7855)	34-27-48.61188	119-17-03.49421	760.521
2201 (EW6861)	34-26-10.81245	119-12-05.44355	1161.599
2202	34-27-15.24851	119-13-19.09954	700.858

(STATION 2202 – COUNTY OF VENTURA – PUBLIC WORKS AGENCY BRASS DISC STAMPED 83-2 1970)

BASIS OF VERTICAL DATUM:

VERTICAL VALUES SHOWN HEREON ARE BASED UPON NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).



CITY OF OJAI

DEPARTMENT OF PUBLIC WORKS

TITLE SHEET VICINITY MAP, SHEET INDEX

APPROVED BY	CITY ENGINEER	DATE
APPROVED BY	PUBLIC WORKS DIRECTOR	DATE
SCALE	HORIZ. NO SCALE VERT. NO SCALE	SHEET 01 OF 25
DRAWN BY	TA	DRAWING NUMBER
CHECKED BY	VH/ SF	TTL-01

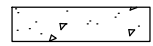

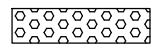
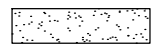


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CONSTRUCTION NOTES:

- ①
- CONSTRUCT 0.33' PCC SIDEWALK OVER 0.35' AB (CLASS 3) PER CALTRANS STD. PLAN A88A.
- ①A
- CONSTRUCT 0.33' PCC CLASS I BIKE PATH OVER 0.35' AB (CLASS 3) PER CALTRANS STD. PLAN A88A.
CONSTRUCT MINOR PCC (0.33' FOR RESIDENTIAL/ 0.50' COMMERCIAL) DRIVEWAY (CASE PER PLAN) OVER 0.35' AB (CLASS 3) PER CALTRANS STD. PLAN A87A.
- ②
- CONSTRUCT 0.33' MINOR PCC CURB RAMP (CASE PER PLAN) OVER 0.35' AB (CLASS 3) PER CALTRANS STD. PLAN A88A & A88B.
- ④
- CONSTRUCT 0.80' JPCP CROSS GUTTER OVER 1.00' AB (CLASS 3) PER DETAIL 2 ON SHEET 13.
- ⑤
- CONSTRUCT 6" CONCRETE CURB PER CALTRANS STD. PLAN A87A TYPE A1-6.
- ⑥
- CONSTRUCT 6" CONCRETE CURB AND GUTTER PER CALTRANS STD. PLAN A87A TYPE A2-6.
- ⑦
- CONSTRUCT 0.33' STABILIZED DECOMPOSED GRANITE (DG) SIDEWALK PER CALTRANS STD. PLAN A88A.
- ⑪
- CONSTRUCT INLET DEPRESSION PER CALTRANS STD. PLAN D78B.
- ⑪6
- CONSTRUCT 0.30' HMA-A (PG 64-10) OVER 0.50' LCB OVER 0.85' AB (CLASS 3).
- ⑪7
- SAWCUT AND REMOVE 1.85' AC, BASE, SUBBASE, AND/OR SUBGRADE OF THE EXISTING PAVEMENT.
- ⑪9
- CONSTRUCT 8" CONCRETE CURB PER CALTRANS STD. PLAN A87A TYPE A1-8.
- ⑪21
- CONSTRUCT DRAINAGE INLET (TYPE PER PLAN) PER CALTRANS STD. PLAN D72A & D72B (SEE SHEET 12 FOR MORE DETAILS).
- ⑪23
- CONSTRUCT CONCRETE COLLAR PER DETAIL 3 ON SHEET 55.
- ⑪24
- INSTALL RECTANGULAR RAPID FLASHING BEACON AND SIGNS PER CALTRANS STD. PLAN ES-7J (TYPE 1A).
- ⑪26
- CONSTRUCT 8" CONCRETE CURB AND GUTTER PER CALTRANS STD. PLAN A87A TYPE A2-8.
- ⑪33
- FURNISH AND INSTALL 24" RCP (1500-D) PIPE.













HATCH / LINE LEGEND





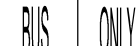

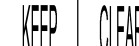

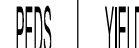









— — —	CENTERLINE
— — — —	EXISTING R/W
— — — — —	PROPOSED R/W
— — —	SAWCUT LINE
— o —	DAYLIGHT LINE
— G —	EXISTING GAS (SCG)
— SD —	EXISTING STORM DRAIN (CITY OF OJAI)
— W —	EXISTING WATER (CASITAS)
— W (PROP) —	PROPOSED WATER (CASITAS)
— W (ABAN) —	ABANDONED WATER (CASITAS)
— SS —	EXISTING SANITARY SEWER (OVSD)
— T —	EXISTING TELECOMMUNICATION (CHARTER)
— OHT —	EXISTING OVERHEAD TELEPHONE (CHARTER)
— E —	EXISTING ELECTRICAL (SCE)
— COM —	EXISTING COMMUNICATION (AT&T)
	PORTLAND CEMENT CONCRETE
	AC
	DETECTABLE WARNING SURFACE
	DECOMPOSED GRANITE (DG)

CALTRANS STANDARD PLANS

A3A	ABBREVIATIONS (SHEET 1 OF 3)
A3B	ABBREVIATIONS (SHEET 2 OF 3)
A3C	ABBREVIATIONS (SHEET 3 OF 3)
A10A	LEGEND – LINES AND SYMBOLS (SHEET 1 OF 5)
A10B	LEGEND – LINES AND SYMBOLS (SHEET 2 OF 5)
A10C	LEGEND – LINES AND SYMBOLS (SHEET 3 OF 5)
A10D	LEGEND – LINES AND SYMBOLS (SHEET 4 OF 5)
A10E	LEGEND – LINES AND SYMBOLS (SHEET 5 OF 5)
RSP A20A	PAVEMENT MARKERS AND TRAFFIC LINES – TYPICAL DETAILS
A20B	PAVEMENT MARKERS AND TRAFFIC LINES – TYPICAL DETAILS
RSP A20D	PAVEMENT MARKERS AND TRAFFIC LINES – TYPICAL DETAILS
RSP A20E	TRAFFIC LINES – TYPICAL DETAILS FOR CONTRAST STRIPING
A24A	PAVEMENT MARKINGS – ARROWS
A24B	PAVEMENT MARKINGS – ARROWS AND SYMBOLS
A24C	PAVEMENT MARKINGS – SYMBOLS AND NUMERALS
A24D	PAVEMENT MARKINGS – WORDS
RSP A24E	PAVEMENT MARKINGS – WORDS
A24F	PAVEMENT MARKINGS – CROSSWALKS
RSP A24G	PAVEMENT MARKINGS – YIELD LINES, LIMIT LINES, AND WRONG WAY DETAILS
A87A	CURBS AND DRIVEWAYS
A88A	CURB RAMP DETAILS
A88B	CURB RAMP AND ISLAND PASSAGEWAY DETAILS
D72A	CIP DRAINAGE INLETS – TYPES OS, OL, AND GOL
D78A	GUTTER DEPRESSIONS
D79	PRECAST REINFORCED CONCRETE PIPE – DIRECT DESIGN METHOD
D79A	PRECAST REINFORCED CONCRETE PIPE – DIRECT DESIGN METHOD
ES-7J	ELECTRICAL SYSTEMS (FLASHING BEACON ON A TYPE 1, TYPE 15-FBS AND TYPE 40 STANDARD)
RSP T1A	TEMPORARY CRASH CUSHION, SAND FILLED (UNIDIRECTIONAL)
RSP T1B	TEMPORARY CRASH CUSHION, SAND FILLED (BIDIRECTIONAL)
RSP T2	TEMPORARY CRASH CUSHION, SAND FILLED (SHOULDER INSTALLATIONS)
T3A	TEMPORARY RAILING (TYPE K)
T3B	TEMPORARY RAILING (TYPE K)
T9	TRAFFIC CONTROL SYSTEM TABLES FOR LANE AND RAMP CLOSURES
T11	TRAFFIC CONTROL SYSTEM FOR LANE CLOSURE ON MULTILANE CONVENTIONAL HIGHWAYS
T11A	TRAFFIC CONTROL SYSTEM FOR CHANGEABLE LANE CLOSURE ON MULTILANE CONVENTIONAL HIGHWAYS AND EXPRESSWAYS
T12	TRAFFIC CONTROL SYSTEM FOR HALF ROAD CLOSURE ON MULTILANE CONVENTIONAL HIGHWAYS AND EXPRESSWAYS
T13	TRAFFIC CONTROL SYSTEM WITH REVERSIBLE CONTROL ON TWO LANE CONVENTIONAL HIGHWAYS AND EXPRESSWAYS
T19	TRAFFIC CONTROL SYSTEM – CONSTRUCTION WORK ZONE SPEED LIMIT REDUCTION ON CONVENTIONAL HIGHWAYS
T20	TRAFFIC CONTROL SYSTEM – CONSTRUCTION WORK ZONE SPEED LIMIT REDUCTION DETAILS
T21	TRAFFIC CONTROL SYSTEM – CONSTRUCTION WORK ZONE SPEED LIMIT REDUCTION TWENTY-FOUR HOURS A DAY 7 DAYS A WEEK (24/7)
T30	TEMPORARY PEDESTRIAN ACCESS ROUTES – TYPICAL SIDEWALK CLOSURE AND PEDESTRIAN DETOUR
T32	TEMPORARY PEDESTRIAN ACCESS ROUTES – TYPICAL SIDEWALK/ CROSSWALK CLOSURE AND PEDESTRIAN DETOUR
T62	TEMPORARY WATER POLLUTION CONTROL DETAILS (TEMPORARY DRAINAGE INLET PROTECTION)
T64	TEMPORARY WATER POLLUTION CONTROL DETAILS (TEMPORARY DRAINAGE INLET PROTECTION)
RS1	ROADSIDE SIGNS – TYPICAL INSTALLATION DETAILS NO. 1
RS2	ROADSIDE SIGNS – WOOD POST – TYPICAL INSTALLATION DETAILS NO. 2
RS4	ROADSIDE SIGNS – TYPICAL INSTALLATION DETAILS NO. 4

STRIPING/MARKING LEGEND






STRIPING LEGEND					
	Detail 12	6" Dashed White Lane Line		Detail 40	6" Dashed White Ext. Lane Line
	Detail 22	6" Solid Yellow Double Center Line		Detail 41	6" Solid Yellow Ext. Center Line
	Detail 25	6" Solid Yellow Left Edge Line			
	Detail 27B	6" Solid Right Edge Line			
	Detail 27C	6" Dashed Right Edge Ext. Line			
	Detail 29	6" Solid Yellow Median Island Lines			
	Detail 32	6" Yellow Two Way Left Turn Lines			
	Detail 38	8" Solid White Channelizing Line			
	Detail 39	6" Solid White Bike Lane Line			
	Detail 39A	6" Dashed White Bike Lane Line			

MARKING LEGEND					
	A24D	Stop, Slow Legend		A24A	Bike Lane Arrow
	A24D	School Crossing Legend		A24C	Bike Lane Symbol W/ Person
	RSP A24E	Bus, Only Legend		A24A	Type IV Arrow (Left & Right)
	RSP A24E	Keep, Clear Legend		A24A	Type VII Arrow (Thru & Right)
	A24D	Ped, Yield Legend		A24A	Type I Arrow (10')
	RSP A24G	Yield Markers		A24C	Sharrow Marking
	RSP A24G	Limit Line (Stop Line)		A24B	Type III (B) Arrow
	RSP A24E	Bike Legend		A24A	Type VI Arrow (Right)
	A24D	Speed Limit Legend		A24F	Continental Crosswalk
	A24D	Bike Loop Detector Symbol		A90B	Parking Stall Markings

SIGNAGE AND STRIPING NOTES:

1.
- DETAIL NUMBERS (SEE CALTRANS STD PLANS RSP A20A, A20B, RSP A20D, A24A, A24B, A24C, A24D, RSP A24E, A24F, RSP A24G).
2.
- ALL PAVEMENT STRIPES SHALL BE THERMOPLASTIC AND PAVEMENT MARKINGS SHALL BE PRE-FORMED THERMOPLASTIC MARKINGS, PER CALTRANS STANDARD PLANS AND SPECIFICATIONS.
3.
- ALL SIGNS, POSTS, AND ANCHORS SHALL BE PER CALTRANS STANDARD PLANS AND SPECIFICATIONS.
4.
- ALL EXISTING NO PARKING RED CURB WILL BE RESTRIPED.
5.
- ALL LANE LINES ALONG MARICOPA HIGHWAY SHALL HAVE BLACK CONTRAST PER CALTRANS REVISED STD PLAN A20E (OPTION 2).
6.
- ALL EDGE AND FOG LINES LINES ALONG MARICOPA HIGHWAY SHALL HAVE BLACK CONTRAST ON BOTH SIDES PER CALTRANS REVISED STD PLAN A20E (OPTION 1).
7.
- PARKING STALL MARKINGS SHALL HAVE A MINIMUM OF 1' X 1' MARKING PER CA MUTCD FIG 3B-21(CA).

DISPOSITION NOTES

	PROTECT IN PLACE (ITEM AS INDICATED)
	REMOVE (ITEM AS INDICATED)
	RELOCATE BY OTHERS (ITEM AS INDICATED)
	ADJUST TO GRADE BY OTHERS (ITEM AS INDICATED)
	MODIFY (ITEM AS INDICATED)

ABBREVIATIONS

AB	– AGGREGATE BASE
ABAN	– ABANDONED
AC	– ASPHALT CONCRETE
AVE	– AVENUE
BC	– BEGIN CURVE
BCR	– BEGIN CURB RETURN
BEG	– BEGIN
BRG	– BEARING
BW	– BACK OF WALK
C&G	– CURB & GUTTER
CB	– CATCH BASIN
CALTRANS	– CALIFORNIA DEPARTMENT OF TRANSPORTATION
CL	– CENTERLINE
CF	– CURB FACE
DG	– DECOMPOSED GRANITE
DR	– DRIVE
DWY	– DRIVEWAY
EC	– END OF CURVE
ECR	– END CURB RETURN
EG	– EXISTING GRADE
EXIST, EX	– EXISTING
FH	– FIRE HYDRANT
FL	– FLOW LINE
FS	– FINISHED SURFACE
GM	– GAS METER
GV	– GAS VALVE
HMA-A	– HOT MIX ASPHALT, TYPE A
Hwy	– HIGHWAY
INV	– INVERT
JPCP	– JOINTED PLAIN CONCRETE PAVEMENT
L	– LENGTH
LCB	– LEAN CONCRETE BASE
LIP	– LIP OF GUTTER
LP	– LAMP POST, STREET LIGHT
LT	– LEFT (DIRECTION)
LN	– LANE
LTP	– LEFT TURN POCKET
MAX	– MAXIMUM
MB	– MAILBOX
MH	– MANHOLE

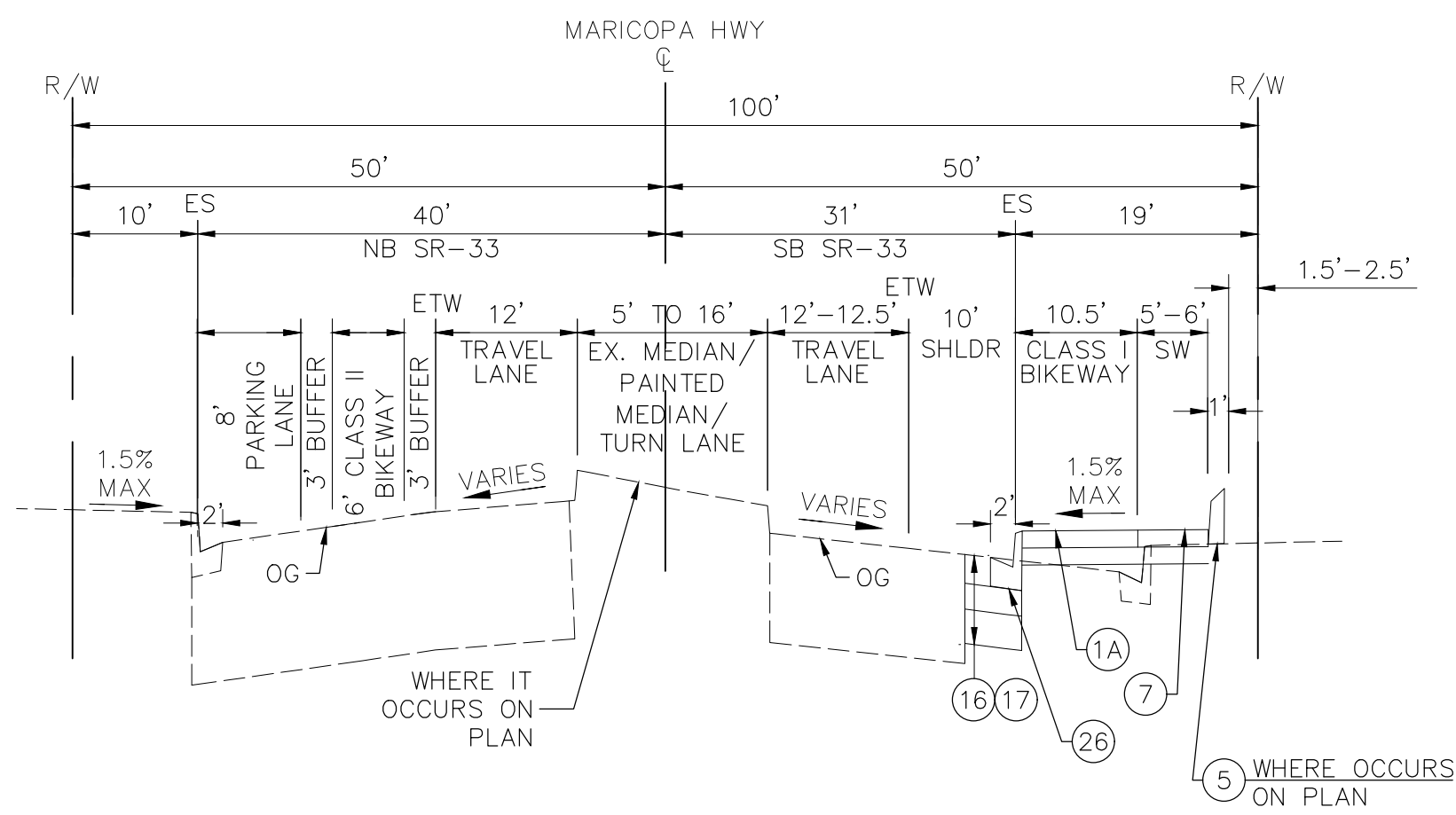
MOD	– MODIFIED
N	– NORTH
N'LY	– NORTHERLY
NO.	– NUMBER
PB	– PULLBOX
PCC	– PORTLAND CEMENT CONCRETE
PC	– POINT OF CURVE
PP	– POWER POLE
PRC	– POINT OF REVERSE CURVE
PROP	– PROPOSED
PVI	– POINT OF VERTICAL INTERSECTION
R&D	– REMOVE AND DISPOSE
R&R	– REMOVE AND RESET
RD	– ROAD
RET	– RETAIN
RRFB	– RECTANGULAR RAPID FLASHING BEACON
RSP	– REVISED STANDARD PLANS
RT	– RIGHT (DIRECTION)
R/W	– RIGHT OF WAY
S	– SOUTH
S'LY	– SOUTHERLY
SPPWC	– STANDARD PLANS FOR PUBLIC WORKS CONSTRUCTION

ST	– STREET
STA	– STATION
STD	– STANDARD
SW	– SIDEWALK
TC	– TOP OF CURB
TS	– TRAFFIC SIGNAL
TYP.	– TYPICAL
UB	– UTILITY BOX
VC	– VERTICAL CURVE
W	– WIDTH
WM	– WATER METER
WV	– WATER VALVE
®	– AT

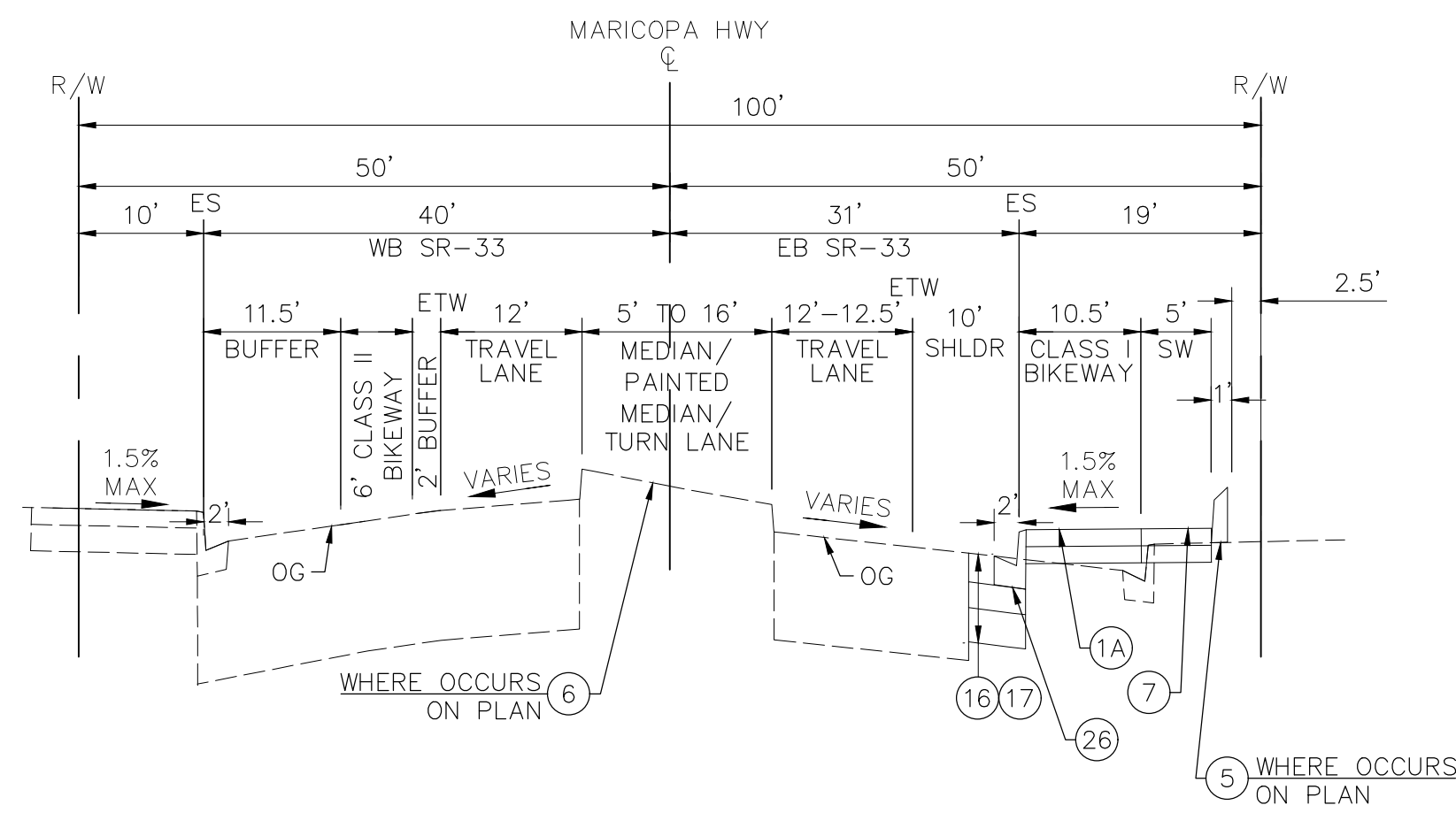


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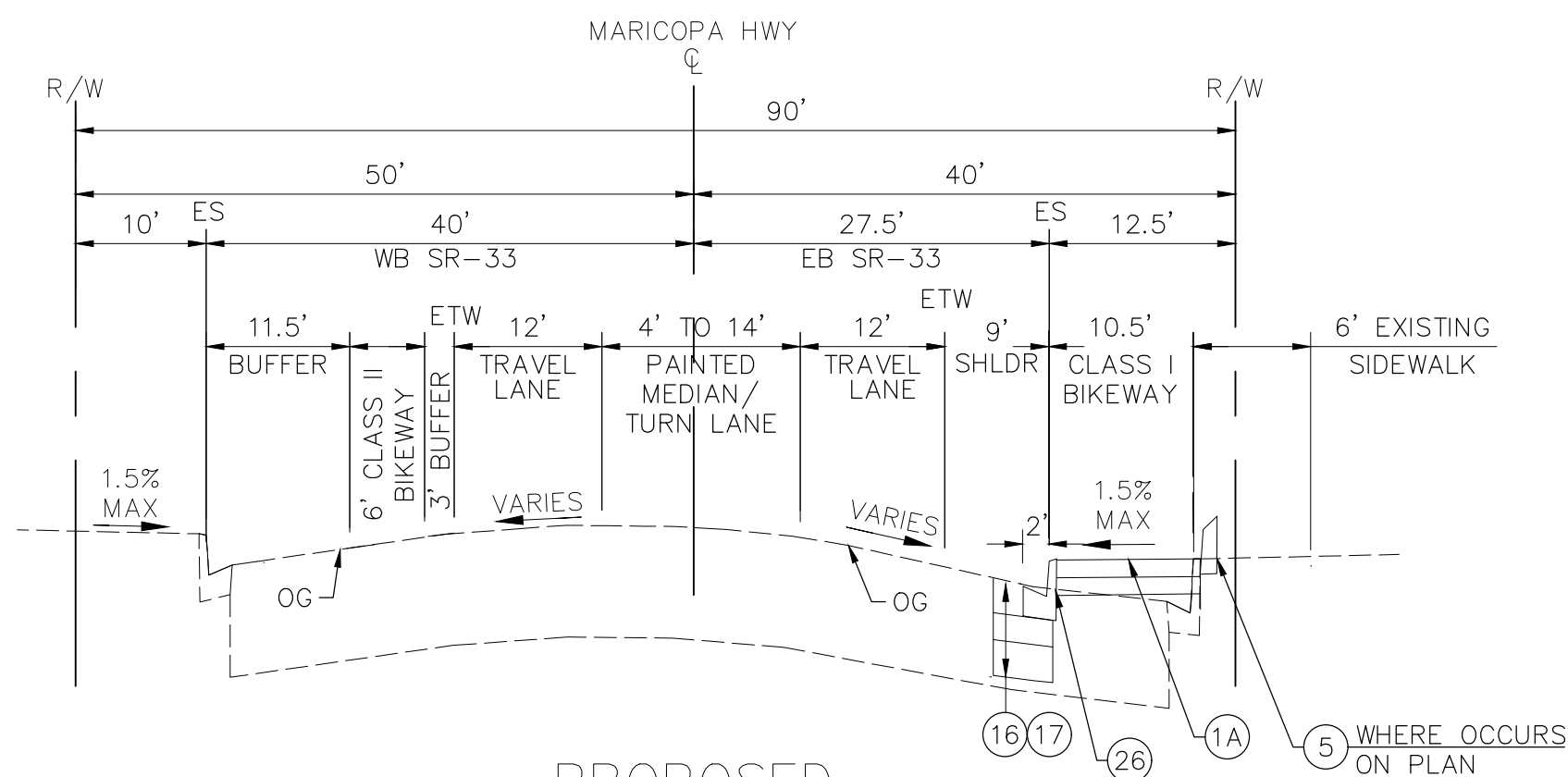
REVISIONS				CITY OF OJAI DEPARTMENT OF PUBLIC WORKS	
MARK	DATE	DESCRIPTION	BY	SR 150 AND SR 33 PEDESTRIAN AND BICYCLE SAFETY IMPROVEMENTS	
APPROVAL RECOMMENDED BY				APPROVED BY	
				CITY ENGINEER R.C.E. XX-XXX	DATE
				APPROVED BY	
				PUBLIC WORKS DIRECTOR	DATE
SCALE		HORIZ. _____	VERT. _____	SHEET	02 OF 25
DRAWN BY		TA		DRAWING NUMBER	GEN-01
CHECKED BY		VH/ SF			



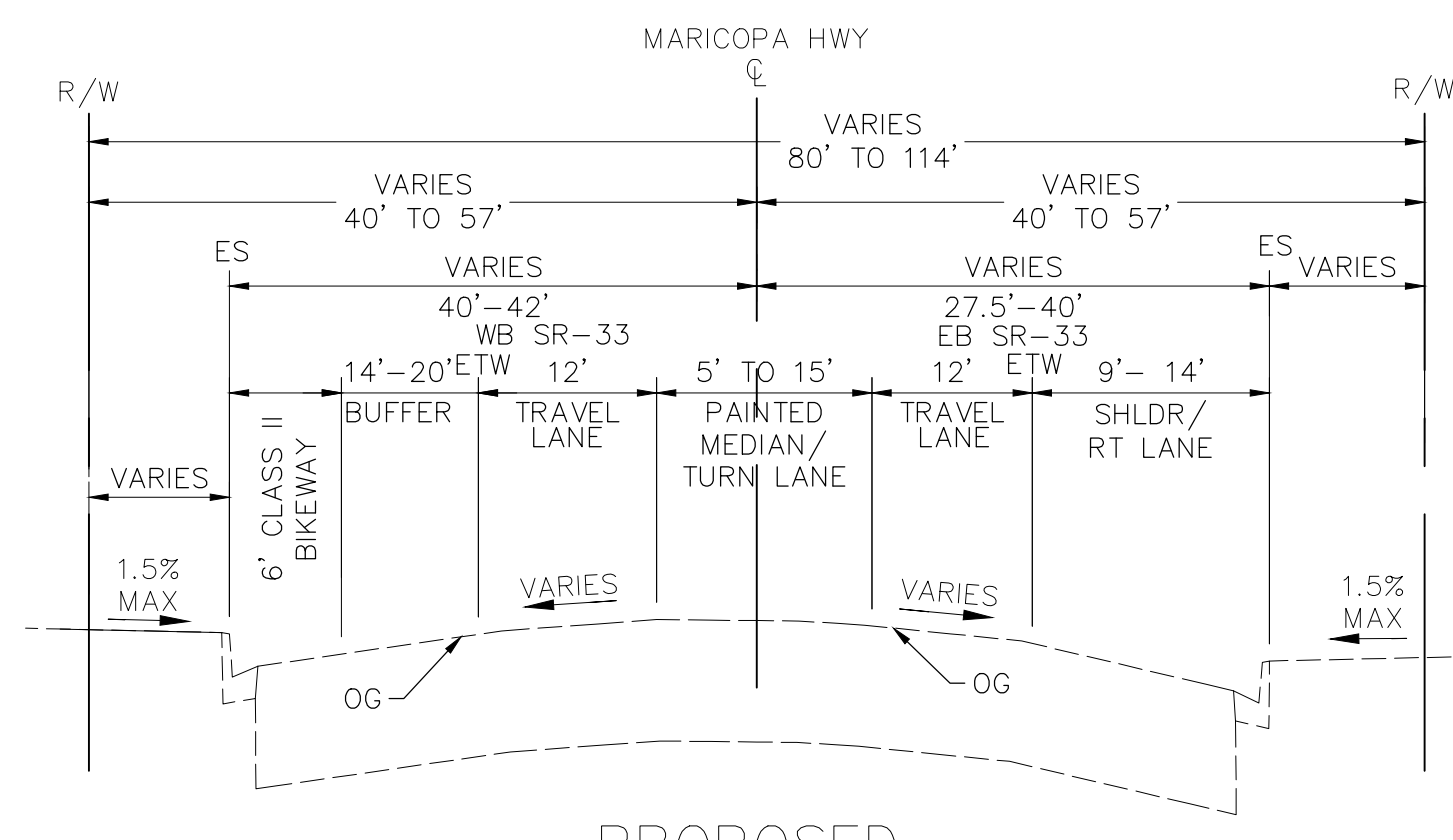
PROPOSED
MARICOPA HWY
STA 10+00 TO STA 34+00



PROPOSED
MARICOPA HWY
STA 34+00 TO STA 38+50



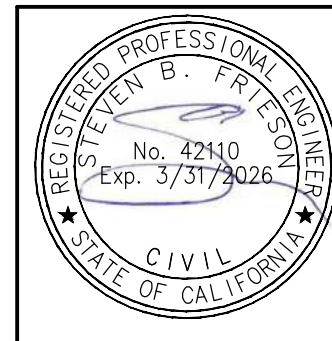
PROPOSED
MARICOPA HWY
STA 38+50 TO STA 39+92



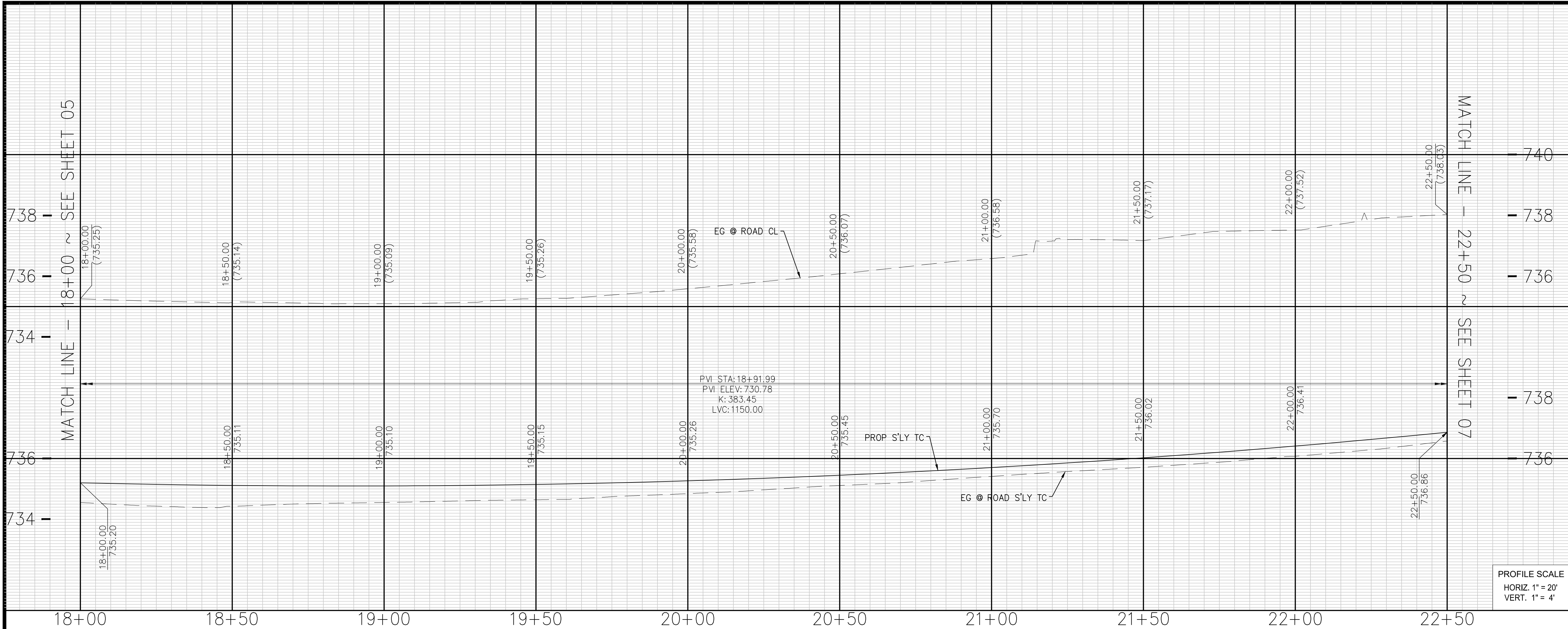
PROPOSED
MARICOPA HWY
STA 43+50 TO STA 49+00

CONSTRUCTION NOTES:

- 1 CONSTRUCT 0.33' PCC SIDEWALK OVER 0.35' AB (CLASS 3) PER CALTRANS STD. PLAN A88A.
- 1A CONSTRUCT 0.33' PCC CLASS I BIKE PATH OVER 0.35' AB (CLASS 3) PER CALTRANS STD. PLAN A88A.
- 5 CONSTRUCT 6" CONCRETE CURB PER CALTRANS STD. PLAN A87A TYPE A1-6.
- 6 CONSTRUCT 6" CONCRETE CURB AND GUTTER PER CALTRANS STD. PLAN A87A TYPE A2-6.
- 7 CONSTRUCT 0.33' STABILIZED DECOMPOSED GRANITE (DG) SIDEWALK PER CALTRANS STD. PLAN A88A.
- 16 CONSTRUCT 0.50' HMA-A (PG 64-10) OVER 0.50' LCB OVER 0.85' AB (CLASS 3).
- 17 SAWCUT AND REMOVE 1.85' AC, BASE, SUBBASE, AND/OR SUBGRADE OF THE EXISTING PAVEMENT.
- 26 CONSTRUCT 8" CONCRETE CURB AND GUTTER PER CALTRANS STD. PLAN A87A TYPE A2-8.



REVISIONS				CITY OF OJAI DEPARTMENT OF PUBLIC WORKS	
MARK	DATE	DESCRIPTION	BY	SR 150 AND SR 33 PEDESTRIAN AND BICYCLE SAFETY IMPROVEMENTS	
				APPROVED BY _____ CITY ENGINEER R.C.E. XX-XXX DATE _____	
				APPROVED BY _____ PUBLIC WORKS DIRECTOR DATE _____	
APPROVAL RECOMMENDED BY			2/23/2024	SCALE HORIZ. _____ VERT. _____	SHEET 03 OF 25
STEVEN B. FRIESON R.C.E. 42110			DATE	DRAWN BY TA	DRAWING NUMBER DET-01
				CHECKED BY VH/ SF	



CONSTRUCTION NOTES:

- CONSTRUCT 0.33' PCC CLASS 1 BIKE PATH OVER 0.35' AB (CLASS 3) PER CALTRANS STD. PLAN A88A.
- CONSTRUCT 6" CONCRETE CURB PER CALTRANS STD. PLAN A87A TYPE A1-6.
- CONSTRUCT 6" CONCRETE CURB AND GUTTER PER CALTRANS STD. PLAN A87A TYPE A2-6.
- CONSTRUCT 0.33' STABILIZED DECOMPOSED GRANITE (DG) SIDEWALK PER CALTRANS STD. PLAN A88A.
- CONSTRUCT INLET DEPRESSION PER CALTRANS STD. PLAN D78B.
- CONSTRUCT 0.50' HMA-A (PG 64-10) OVER 0.50' LCB OVER 0.85' AB (CLASS 3).
- SAWCUT AND REMOVE 1.85' AC, BASE, SUBBASE, AND/OR SUBGRADE OF THE EXISTING PAVEMENT.
- CONSTRUCT DRAINAGE INLET (TYPE PER PLAN) PER CALTRANS STD. PLAN D72A & D72B (SEE SHEET 13 FOR MORE DETAILS).
- CONSTRUCT CONCRETE COLLAR PER DETAIL 3 ON SHEET 55.
- FURNISH AND INSTALL 24" RCP (1500-D) PIPE.

DISPOSITION NOTES

- [A] PROTECT IN PLACE (ITEM AS INDICATED)
[B] REMOVE (ITEM AS INDICATED)

HATCH / LINE LEGEND

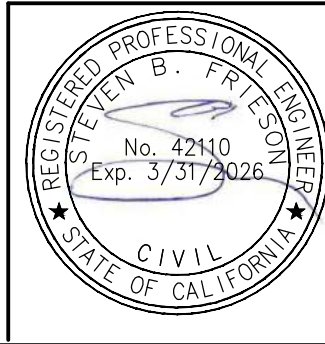
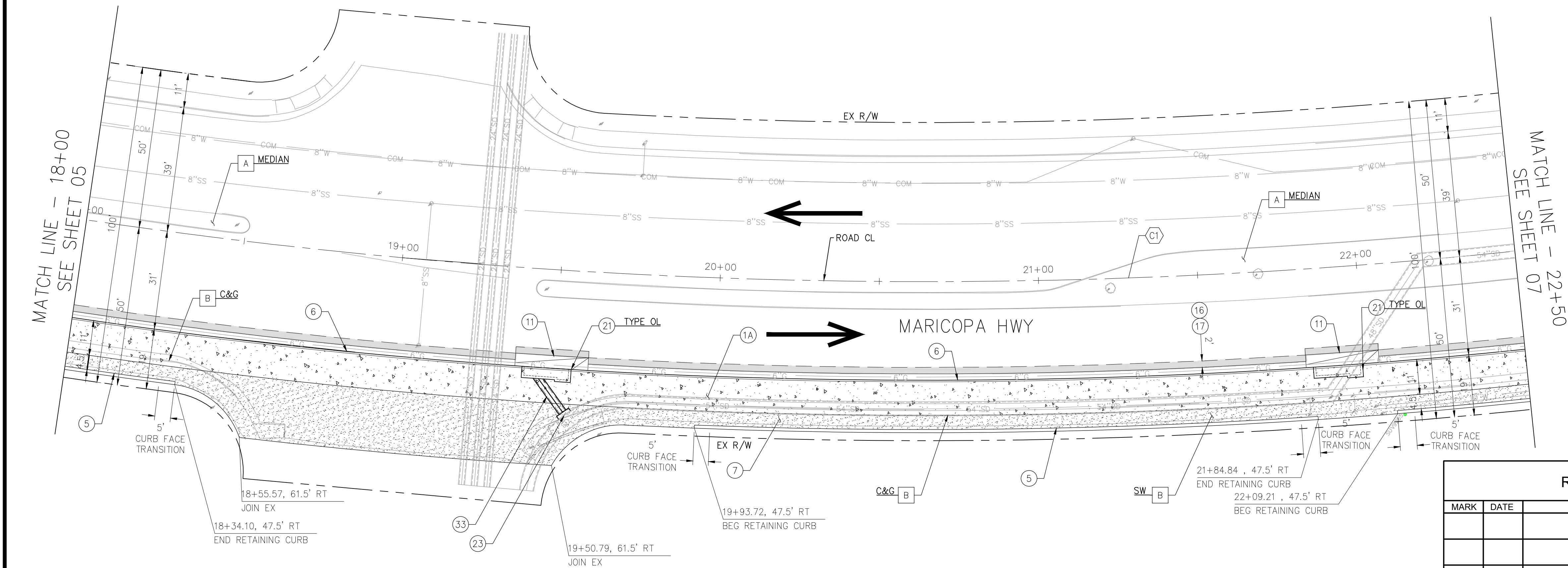
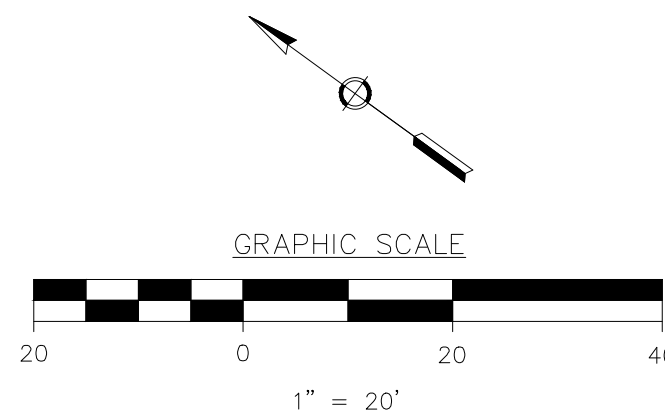
---	CENTERLINE	---	EXISTING COMMUNICATION (AT&T)
---	EXISTING R/W	---	EXISTING STORM DRAIN (CITY OF OJAI)
---	EXISTING GAS (SCG)	---	PORTLAND CEMENT CONCRETE
---	EXISTING WATER (CASITAS)	---	AC
---	EXISTING SANITARY SEWER (OVSD)	---	DECOMPOSED GRANITE (DG)
---		---	TRAVEL DIRECTION

LINE / CURVE TABLE

#	RADIUS	LENGTH	DELTA/BRG	TANGENT
C1	1800.00'	1737.04'	55° 17' 30"	942.85'

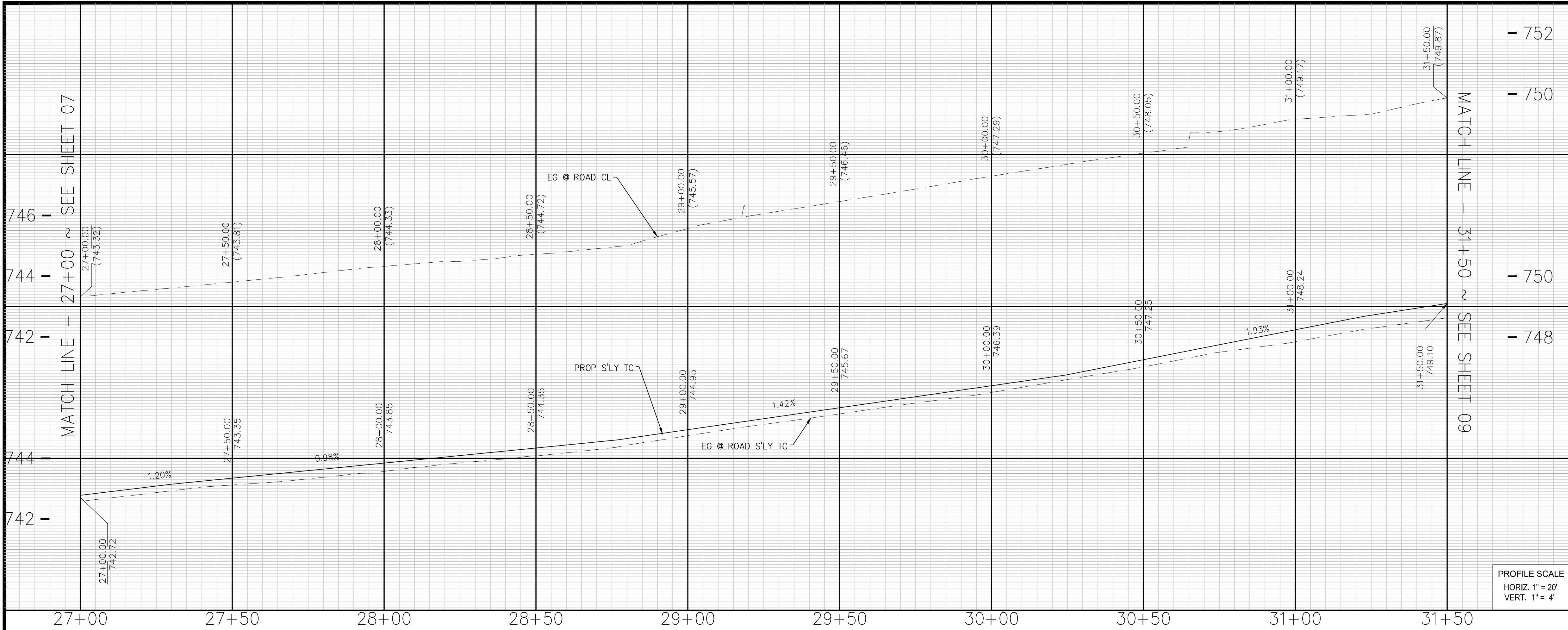
GENERAL NOTES

- THE EXISTENCE, LOCATION, AND CHARACTERISTICS OF UNDERGROUND AND ABOVE GROUND UTILITY INFORMATION SHOWN ON THESE PLANS HAVE BEEN OBTAINED FROM A REVIEW OF AVAILABLE RECORD DATA. NO REPRESENTATION IS MADE AS TO THE ACCURACY OR COMPLETENESS OF SAID INFORMATION. THE CONTRACTOR SHALL CONFIRM EXISTING CONDITIONS PRIOR TO BEGINNING WORK PER PHASE.
- PROTECT IN PLACE ALL UTILITIES ENCOUNTERED. DAMAGED UTILITY FACILITIES SHALL BE REPAIRED AT NO ADDITIONAL COST.
- PROTECT IN PLACE ALL EXISTING CURB AND GUTTER, STREET LIGHT POLES, STREET SIGNS, DRIVEWAYS, AND EXISTING IMPROVEMENTS IN THE ROADWAY AND PARKWAY UNLESS OTHERWISE SPECIFIED.
- SEE SHEET 11 FOR CURB RAMP AND DRIVEWAY DETAILS.
- ALL EXISTING IMPROVEMENTS WHICH ARE DAMAGED OR DESTROYED DURING THE COURSE OF CONSTRUCTION SHALL BE REPLACED OR REPAIRED TO ITS ORIGINAL CONDITION AND TO THE SATISFACTION OF THE ENGINEER BY AND AT THE EXPENSE OF THE CONTRACTOR.



REVISIONS			
MARK	DATE	DESCRIPTION	BY
APPROVAL RECOMMENDED BY			
STEVEN B. FRIESON R.C.E. 42110		2/24/2024 DATE	

CITY OF OJAI DEPARTMENT OF PUBLIC WORKS			
SR 150 AND SR 33 PEDESTRIAN AND BICYCLE SAFETY IMPROVEMENTS			
APPROVED BY		CITY ENGINEER R.C.E. XX-XXX DATE	
APPROVED BY		PUBLIC WORKS DIRECTOR DATE	
SCALE	HORIZ. 1" = 20'	SHEET	06 OF 25
DRAWN BY	TA	DRAWING NUMBER	RD-03
CHECKED BY	VH/ SF		



CONSTRUCTION NOTES:

- (1A) CONSTRUCT 0.33' PCC CLASS 1 BIKE PATH OVER 0.35' AB (CLASS 3) PER CALTRANS STD. PLAN A88A.
(2) CONSTRUCT MINOR PCC (0.33' FOR RESIDENTIAL/ 0.50' COMMERCIAL) DRIVEWAY (CASE PER PLAN) OVER 0.35' AB (CLASS 3) PER CALTRANS STD. PLAN A87A.
(3) CONSTRUCT 0.33' MINOR PCC CURB RAMP (CASE PER PLAN) OVER 0.35' AB (CLASS 3) PER CALTRANS STD. PLAN A88A & A88B.
(5) CONSTRUCT 6" CONCRETE CURB PER CALTRANS STD. PLAN A87A TYPE A1-6.
(6) CONSTRUCT 6" CONCRETE CURB AND GUTTER PER CALTRANS STD. PLAN A87A TYPE A2-6.
(7) CONSTRUCT 0.33' STABILIZED DECOMPOSED GRANITE (DG) SIDEWALK PER CALTRANS STD. PLAN A88A.
(11) CONSTRUCT INLET DEPRESSION PER CALTRANS STD. PLAN D78B.
(16) CONSTRUCT 0.50' HMA-A (PG 64-10) OVER 0.50' LCB OVER 0.85' AB (CLASS 3).
(17) SAWCUT AND REMOVE 1.85' AC, BASE, SUBBASE, AND/OR SUBGRADE OF THE EXISTING PAVEMENT.
(21) CONSTRUCT DRAINAGE INLET (TYPE PER PLAN) PER CALTRANS STD. PLAN D72A & D72B (SEE SHEET 42 FOR MORE DETAILS).

DISPOSITION NOTES

- A PROTECT IN PLACE (ITEM AS INDICATED)
B REMOVE (ITEM AS INDICATED)
C RELOCATE BY OTHERS (ITEM AS INDICATED)
D ADJUST TO GRADE BY OTHERS (ITEM AS INDICATED)

HATCH / LINE LEGEND

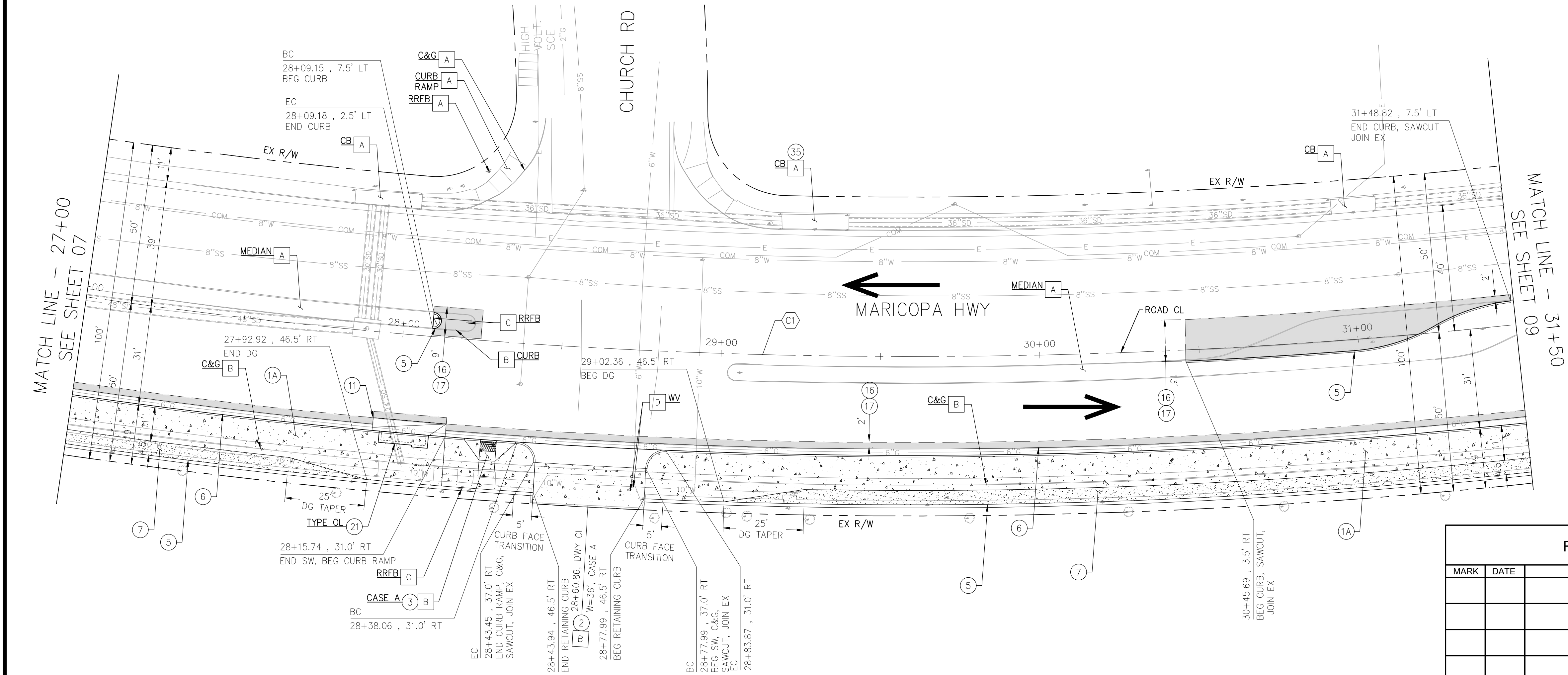
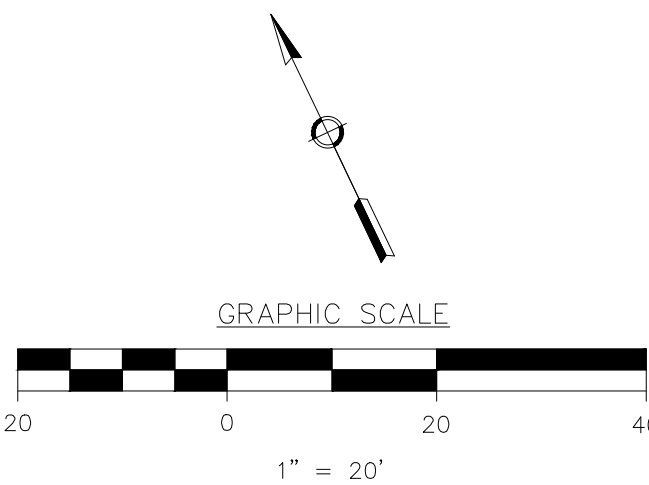
- CENTERLINE
--- EXISTING R/W
--- SAWCUT LINE
--- PORTLAND CEMENT CONCRETE
--- AC
--- DECOMPOSED GRANITE (DG)
--- G --- EXISTING GAS (SCG)
--- SD --- EXISTING STORM DRAIN (CITY OF OJAI)
--- W --- EXISTING WATER (CASITAS)
--- SS --- EXISTING SANITARY SEWER (OVSD)
--- COM --- EXISTING COMMUNICATION (AT&T)
--- E --- EXISTING ELECTRICAL (SCE)
--- TRAVEL DIRECTION

LINE / CURVE TABLE

#	RADIUS	LENGTH	DELTA/BRG	TANGENT
C1	1800.00'	1737.04'	55° 17' 30"	942.85'

GENERAL NOTES

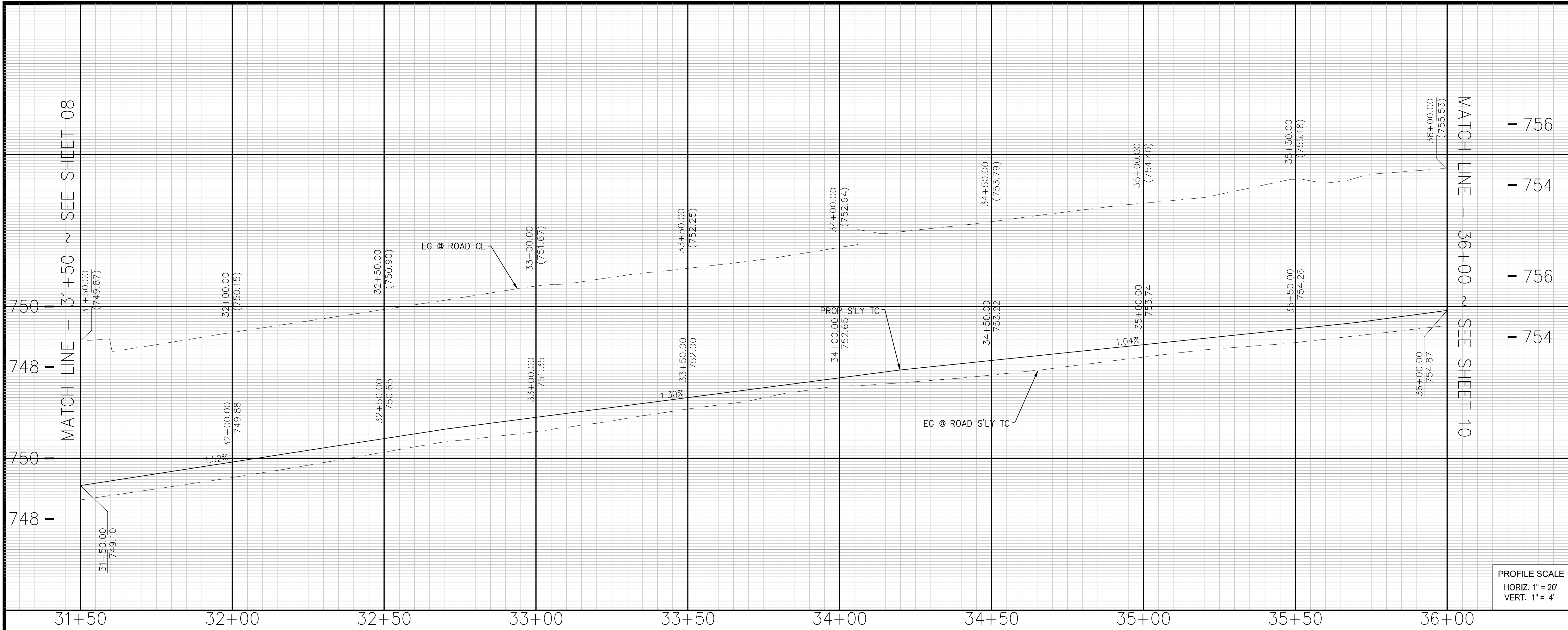
1. THE EXISTENCE, LOCATION, AND CHARACTERISTICS OF UNDERGROUND AND ABOVE GROUND UTILITY INFORMATION SHOWN ON THESE PLANS HAVE BEEN OBTAINED FROM A REVIEW OF AVAILABLE RECORD DATA. NO REPRESENTATION IS MADE AS TO THE ACCURACY OR COMPLETENESS OF SAID INFORMATION. THE CONTRACTOR SHALL CONFIRM EXISTING CONDITIONS PRIOR TO BEGINNING WORK PER PHASE.
2. PROTECT IN PLACE ALL UTILITIES ENCOUNTERED. DAMAGED UTILITY FACILITIES SHALL BE REPAIRED AT NO ADDITIONAL COST.
3. PROTECT IN PLACE ALL EXISTING CURB AND GUTTER, STREET LIGHT POLES, STREET SIGNS, DRIVEWAYS, AND EXISTING IMPROVEMENTS IN THE ROADWAY AND PARKWAY UNLESS OTHERWISE SPECIFIED.
4. SEE SHEET 11 FOR CURB RAMP AND DRIVEWAY DETAILS.
5. ALL EXISTING IMPROVEMENTS WHICH ARE DAMAGED OR DESTROYED DURING THE COURSE OF CONSTRUCTION SHALL BE REPLACED OR REPAIRED TO ITS ORIGINAL CONDITION AND TO THE SATISFACTION OF THE ENGINEER BY AND AT THE EXPENSE OF THE CONTRACTOR.



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STEVEN B. FRIESON R.C.E. 42110		2/10/2024	DATE

CITY OF OJAI DEPARTMENT OF PUBLIC WORKS	
SR 150 AND SR 33 PEDESTRIAN AND BICYCLE SAFETY IMPROVEMENTS	
APPROVED BY	DATE
CITY ENGINEER R.C.E. XX-XXX	
APPROVED BY	DATE
PUBLIC WORKS DIRECTOR	
SCALE	SHEET
HORIZ. 1" = 20' VERT.	08 OF 25
DRAWN BY	DRAWING NUMBER
TA	RD-05
CHECKED BY	VH/ SF



CONSTRUCTION NOTES:

- CONSTRUCT 0.33' PCC CLASS I BIKE PATH OVER 0.35' AB (CLASS 3) PER CALTRANS STD. PLAN A88A.
- CONSTRUCT 0.33' MINOR PCC CURB RAMP (CASE PER PLAN) OVER 0.35' AB (CLASS 3) PER CALTRANS STD. PLAN A88A & A88B.
- CONSTRUCT 6" CONCRETE CURB PER CALTRANS STD. PLAN A87A TYPE A1-6.
- CONSTRUCT 6" CONCRETE CURB AND GUTTER PER CALTRANS STD. PLAN A87A TYPE A2-6.
- CONSTRUCT 0.33' STABILIZED DECOMPOSED GRANITE (DG) SIDEWALK PER CALTRANS STD. PLAN A88A.
- CONSTRUCT 0.50' HMA-A (PG 64-10) OVER 0.50' LCB OVER 0.85' AB (CLASS 3).
- SAWCUT AND REMOVE 1.85' AC, BASE, SUBBASE, AND/OR SUBGRADE OF THE EXISTING PAVEMENT.

DISPOSITION NOTES

- A** PROTECT IN PLACE (ITEM AS INDICATED) **C** RELOCATE BY OTHERS (ITEM AS INDICATED)
- B** REMOVE (ITEM AS INDICATED)

HATCH / LINE LEGEND

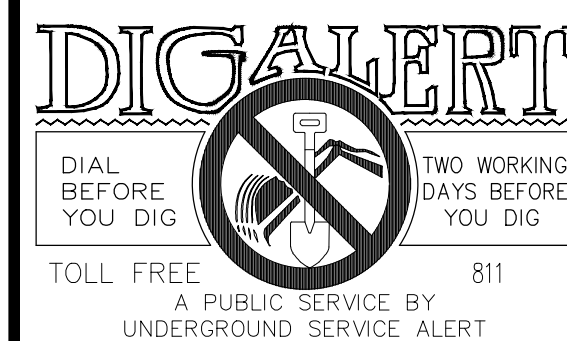
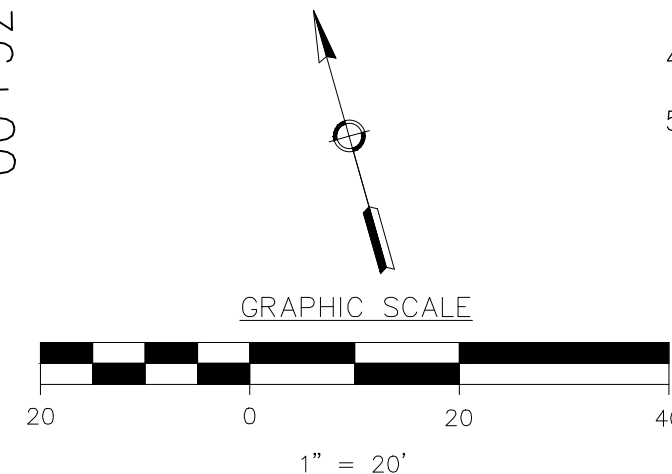
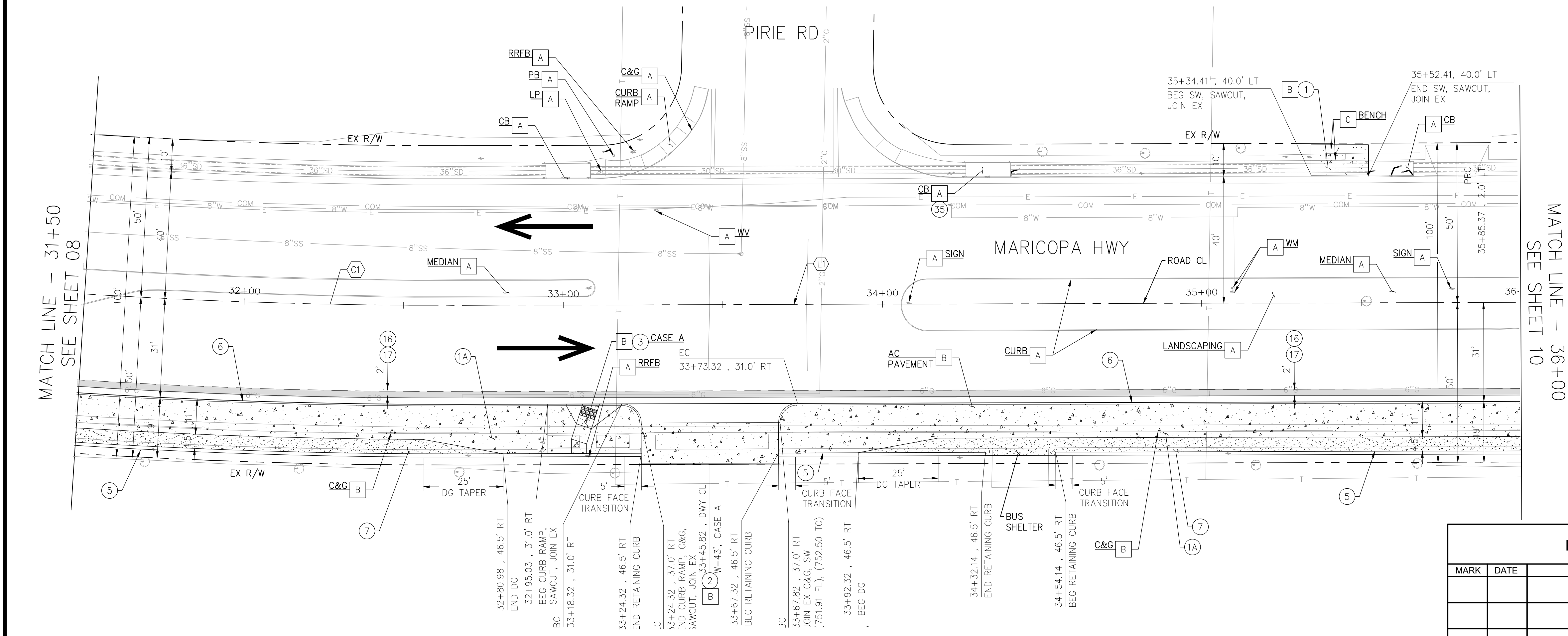
- CENTERLINE
--- EXISTING R/W
--- SAWCUT LINE
--- PORTLAND CEMENT CONCRETE
--- DECOMPOSED GRANITE (DG)
--- TRAVEL DIRECTION
- G --- EXISTING GAS (SCG)
--- SD --- EXISTING STORM DRAIN (CITY OF OJAI)
--- W --- EXISTING WATER (CASITAS)
--- SS --- EXISTING SANITARY SEWER (OVSD)
--- COM --- EXISTING COMMUNICATION (AT&T)
--- E --- EXISTING ELECTRICAL (SCE)
--- T --- EXISTING TELECOMMUNICATION (CHARTER)

LINE / CURVE TABLE

#	RADIUS	LENGTH	DELTA/BRG	TANGENT
C1	1800.00'	1737.04'	55° 17' 30"	942.85'
L1	-	546.54'	S 74° 18' 42" E	-

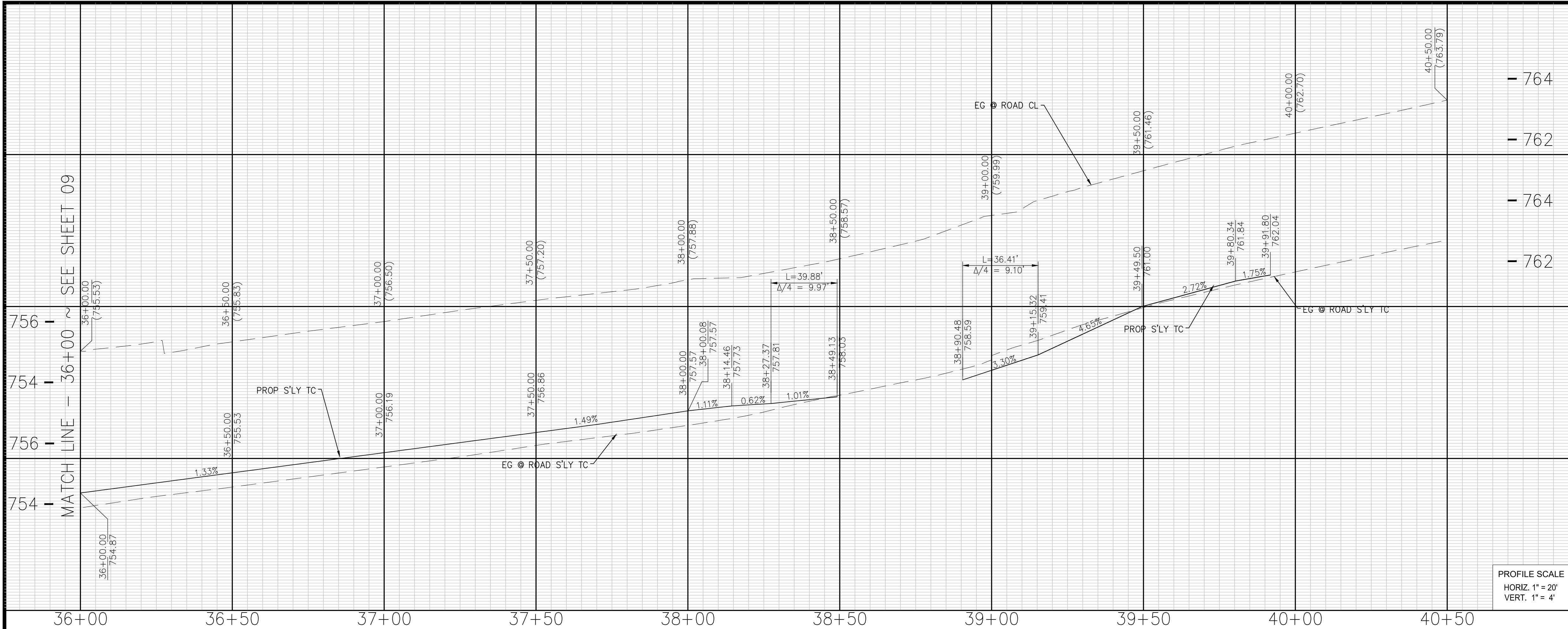
GENERAL NOTES

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- PROTECT IN PLACE ALL UTILITIES ENCOUNTERED. DAMAGED UTILITY FACILITIES SHALL BE REPAIRED AT NO ADDITIONAL COST.
- PROTECT IN PLACE ALL EXISTING CURB AND GUTTER, STREET LIGHT POLES, STREET SIGNS, DRIVEWAYS, AND EXISTING IMPROVEMENTS IN THE ROADWAY AND PARKWAY UNLESS OTHERWISE SPECIFIED.
- SEE SHEET 11 FOR CURB RAMP AND DRIVEWAY DETAILS.
- ALL EXISTING IMPROVEMENTS WHICH ARE DAMAGED OR DESTROYED DURING THE COURSE OF CONSTRUCTION SHALL BE REPLACED OR REPAIRED TO ITS ORIGINAL CONDITION AND TO THE SATISFACTION OF THE ENGINEER BY AND AT THE EXPENSE OF THE CONTRACTOR.



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REVISIONS				CITY OF OJAI DEPARTMENT OF PUBLIC WORKS	
MARK	DATE	DESCRIPTION	BY	SR 150 AND SR 33 PEDESTRIAN AND BICYCLE SAFETY IMPROVEMENTS	
				APPROVED BY _____ CITY ENGINEER R.C.E. XX-XXX _____ DATE _____	
				APPROVED BY _____ PUBLIC WORKS DIRECTOR _____ DATE _____	
				SCALE HORIZ. 1" = 20' VERT. _____	
APPROVAL RECOMMENDED BY				SHEET	09 OF 25
STEVEN B. FRIESON R.C.E. 42110			DATE	DRAWING NUMBER	RD-06



- CONSTRUCTION NOTES:
- CONSTRUCT 0.33' PCC SIDEWALK OVER 0.35' AB (CLASS 3) PER CALTRANS STD. PLAN A88A.
 - CONSTRUCT 0.33' PCC CLASS 1 BIKE PATH OVER 0.35' AB (CLASS 3) PER CALTRANS STD. PLAN A88A.
 - CONSTRUCT MINOR PCC (0.33' FOR RESIDENTIAL/ 0.50' COMMERCIAL) DRIVEWAY (CASE PER PLAN) OVER 0.35' AB (CLASS 3) PER CALTRANS STD. PLAN A87A.
 - CONSTRUCT 0.33' MINOR PCC CURB RAMP (CASE PER PLAN) OVER 0.35' AB (CLASS 3) PER CALTRANS STD. PLAN A88A & A88B.
 - CONSTRUCT 0.80' JPCP CROSS GUTTER OVER 1.00' AB (CLASS 3) PER DETAIL 2 ON SHEET 13.
 - CONSTRUCT 6" CONCRETE CURB PER CALTRANS STD. PLAN A87A TYPE A1-6.
 - CONSTRUCT 6" CONCRETE CURB AND GUTTER PER CALTRANS STD. PLAN A87A TYPE A2-6.
 - CONSTRUCT 0.33' STABILIZED DECOMPOSED GRANITE (DG) SIDEWALK PER CALTRANS STD. PLAN A88A.
 - CONSTRUCT 0.50' HMA-A (PG 64-10) OVER 0.50' LCB OVER 0.85' AB (CLASS 3).
 - SAWCUT AND REMOVE 1.85' AC, BASE, SUBBASE, AND/OR SUBGRADE OF THE EXISTING PAVEMENT.

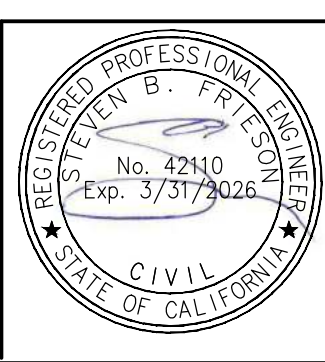
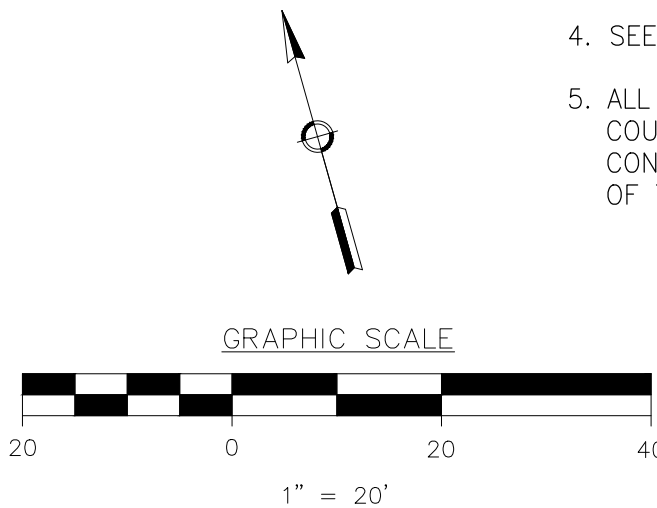
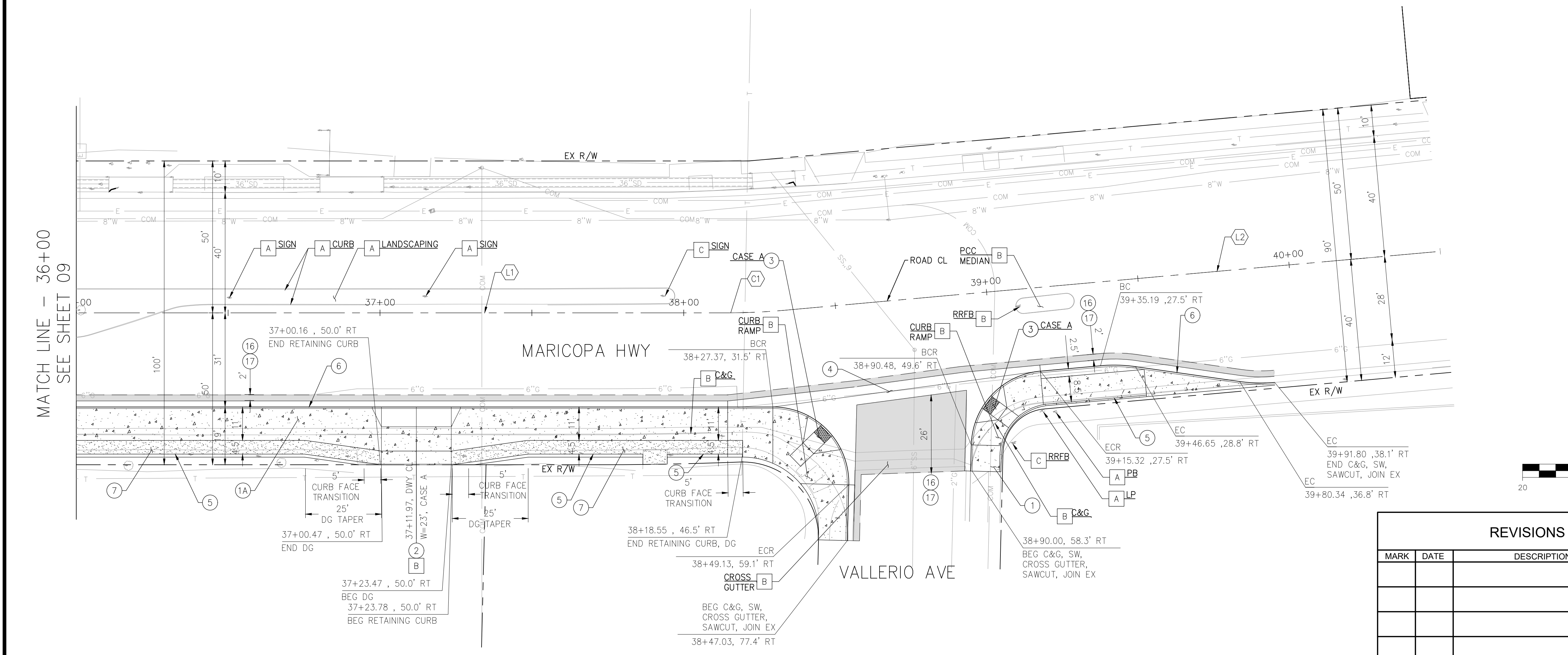
- DISPOSITION NOTES
- | | |
|---|---|
| A PROTECT IN PLACE (ITEM AS INDICATED) | C RELOCATE BY OTHERS (ITEM AS INDICATED) |
| B REMOVE (ITEM AS INDICATED) | |

- HATCH / LINE LEGEND
- | | |
|--------------------------|--|
| --- CENTERLINE | —G— EXISTING GAS (SCG) |
| --- EXISTING R/W | —SD— EXISTING STORM DRAIN (CITY OF OJAI) |
| --- SAWCUT LINE | —W— EXISTING WATER (CASITAS) |
| PORTLAND CEMENT CONCRETE | —SS— EXISTING SANITARY SEWER (OVSD) |
| AC | —COM— EXISTING COMMUNICATION (AT&T) |
| DECOMPOSED GRANITE (DG) | —E— EXISTING ELECTRICAL (SCE) |
| | —T— EXISTING TELECOMMUNICATION (CHARTER) |

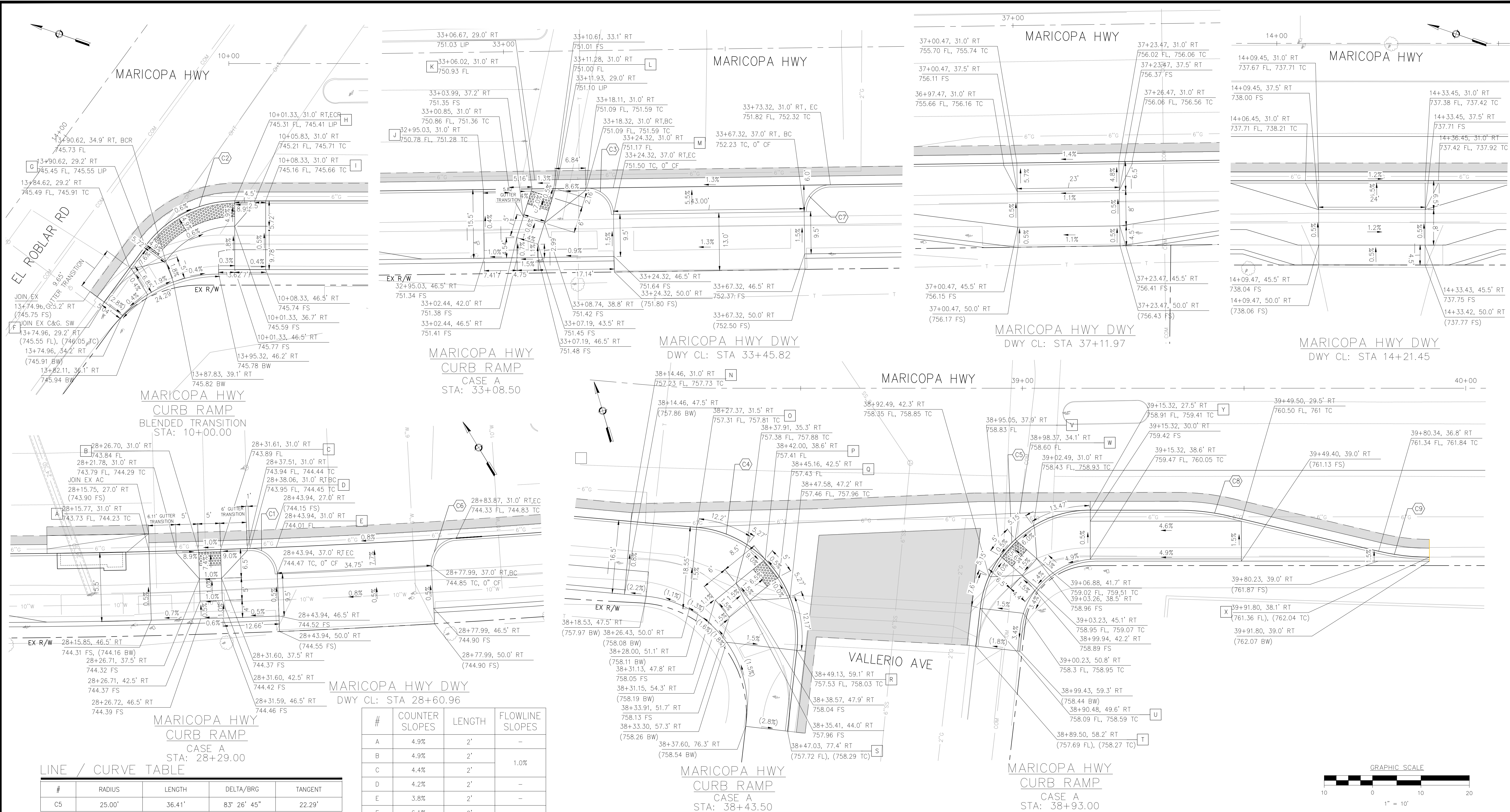
LINE / CURVE TABLE

#	RADIUS	LENGTH	DELTA/BRG	TANGENT
C1	200.00'	17.92'	5° 08' 00"	8.97'
L1	—	546.54'	S 74° 18' 42" E	—
L2	—	720.85'	S 79° 26' 42" E	—

- GENERAL NOTES
- THE EXISTENCE, LOCATION, AND CHARACTERISTICS OF UNDERGROUND AND ABOVE GROUND UTILITY INFORMATION SHOWN ON THESE PLANS HAVE BEEN OBTAINED FROM A REVIEW OF AVAILABLE RECORD DATA. NO REPRESENTATION IS MADE AS TO THE ACCURACY OR COMPLETENESS OF SAID INFORMATION. THE CONTRACTOR SHALL CONFIRM EXISTING CONDITIONS PRIOR TO BEGINNING WORK PER PHASE.
 - PROTECT IN PLACE ALL UTILITIES ENCOUNTERED. DAMAGED UTILITY FACILITIES SHALL BE REPAIRED AT NO ADDITIONAL COST.
 - PROTECT IN PLACE ALL EXISTING CURB AND GUTTER, STREET LIGHT POLES, STREET SIGNS, DRIVEWAYS, AND EXISTING IMPROVEMENTS IN THE ROADWAY AND PARKWAY UNLESS OTHERWISE SPECIFIED.
 - SEE SHEET 11 FOR CURB RAMP AND DRIVEWAY DETAILS.
 - ALL EXISTING IMPROVEMENTS WHICH ARE DAMAGED OR DESTROYED DURING THE COURSE OF CONSTRUCTION SHALL BE REPLACED OR REPAIRED TO ITS ORIGINAL CONDITION AND TO THE SATISFACTION OF THE ENGINEER BY AND AT THE EXPENSE OF THE CONTRACTOR.



REVISIONS				CITY OF OJAI DEPARTMENT OF PUBLIC WORKS	
MARK	DATE	DESCRIPTION	BY	SR 150 AND SR 33 PEDESTRIAN AND BICYCLE SAFETY IMPROVEMENTS	
				APPROVED BY _____ CITY ENGINEER R.C.E. XX-XXX DATE _____	
				APPROVED BY _____ PUBLIC WORKS DIRECTOR DATE _____	
APPROVAL RECOMMENDED BY				SCALE HORIZ. 1" = 20' VERT. _____	SHEET 10 OF 25
STEVEN B. FRIESON R.C.E. 42110			2/10/2024 DATE	DRAWN BY TA CHECKED BY VH/ SF	DRAWING NUMBER RD-07



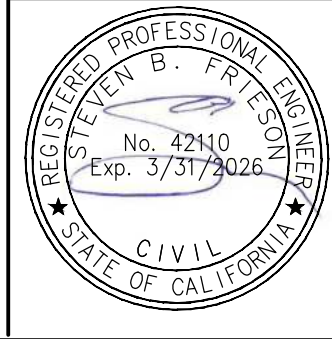
LINE / CURVE TABLE				
#	RADIUS	LENGTH	DELTA/BRG	TANGENT
C5	25.00'	36.41'	83° 26' 45"	22.29'

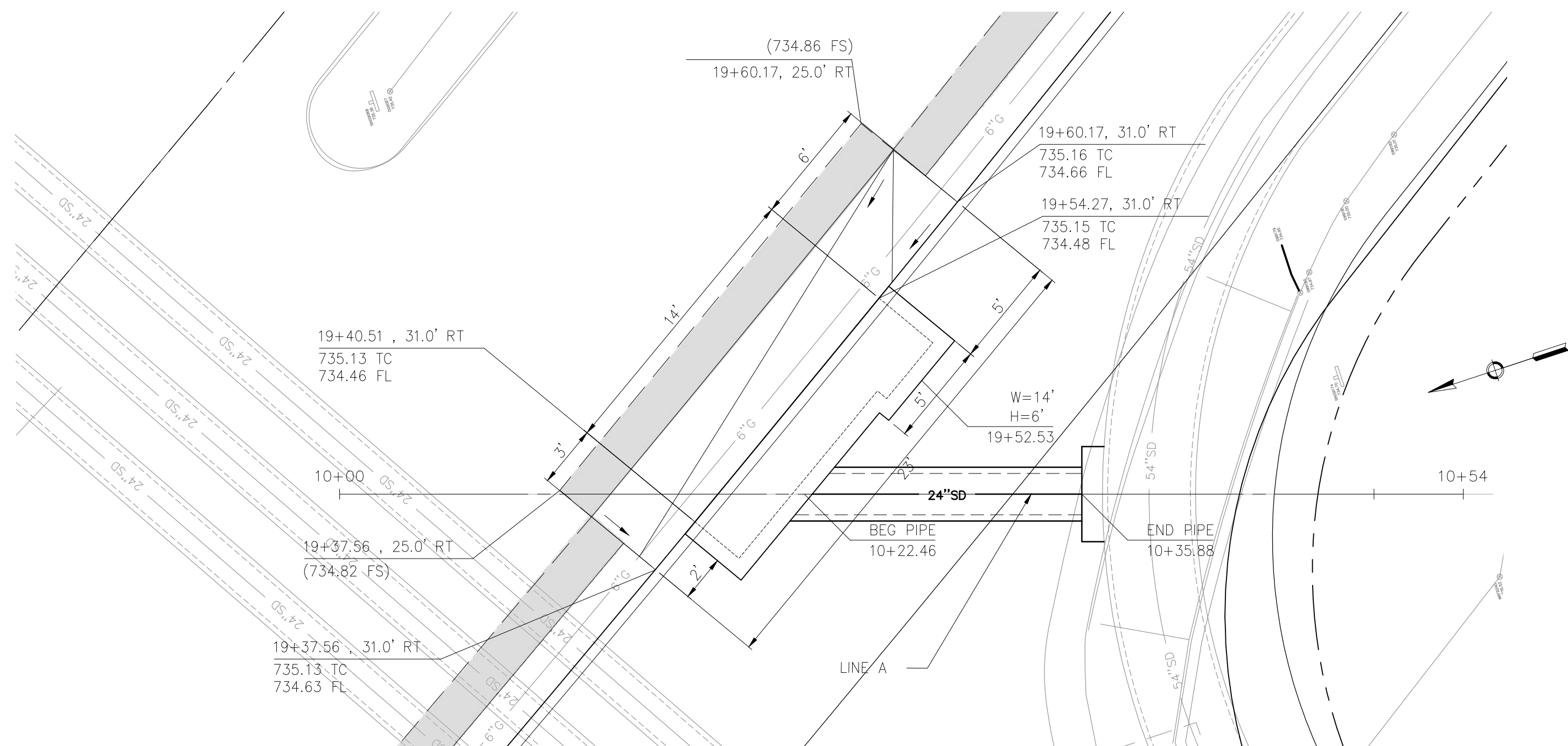
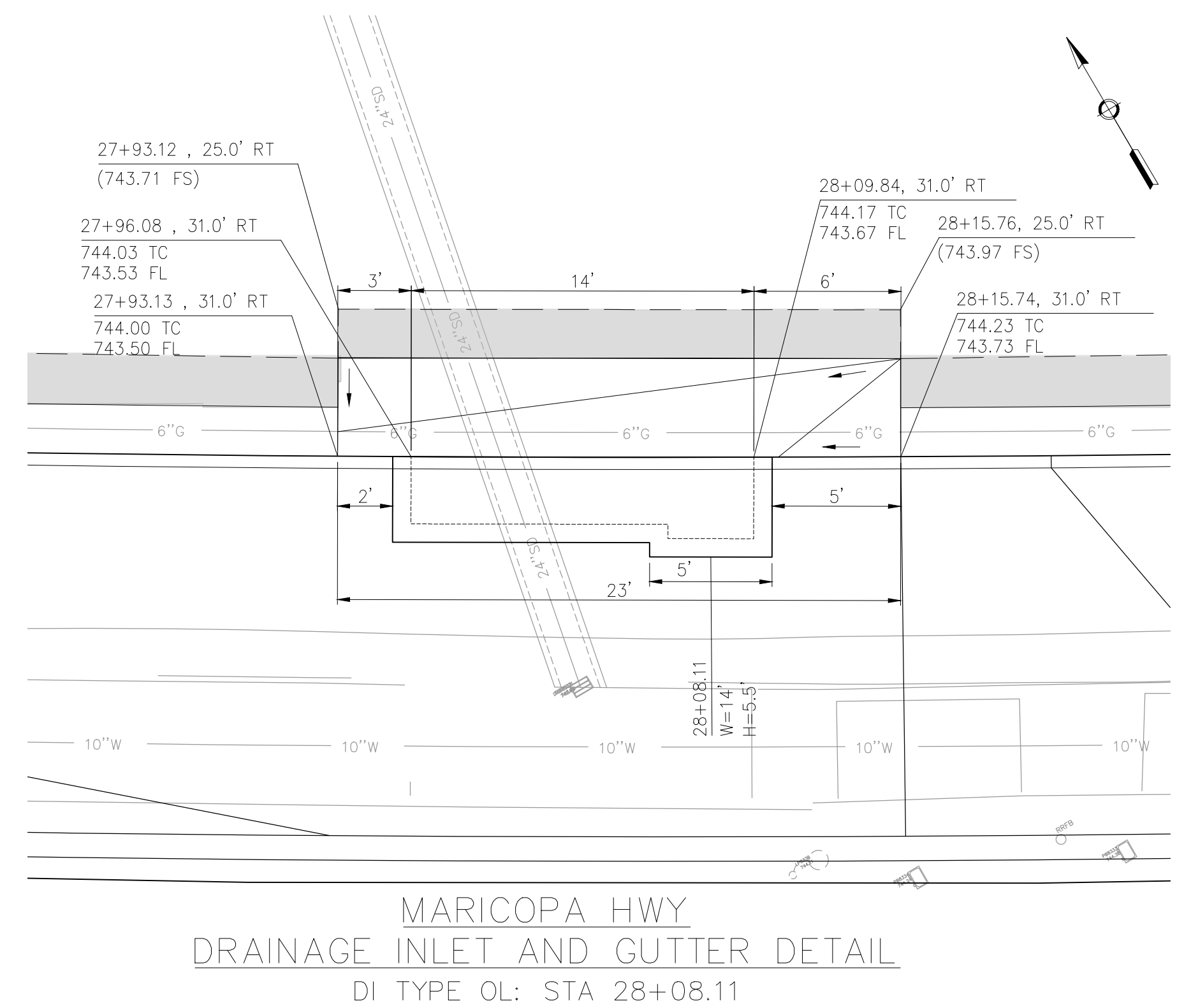
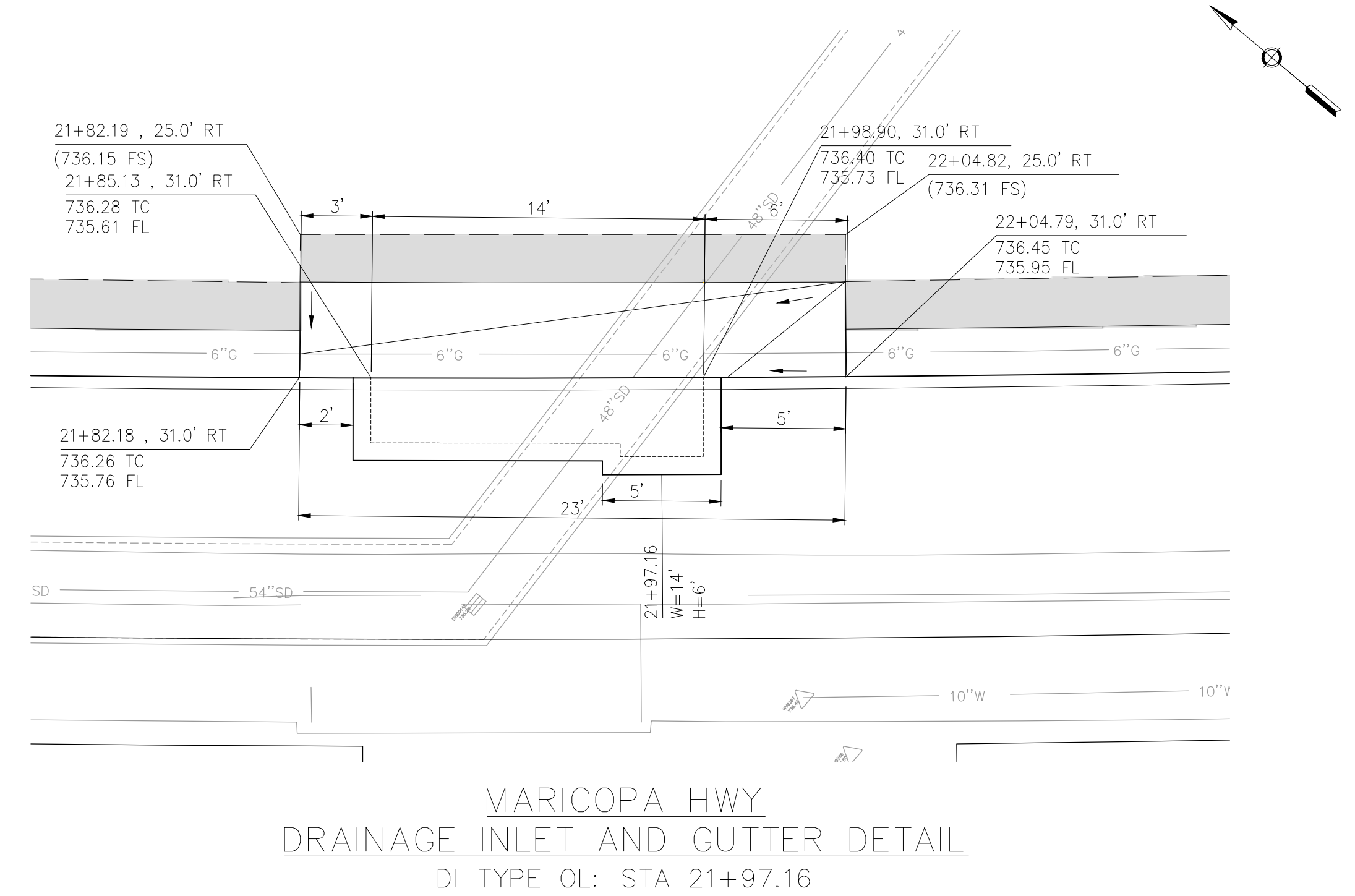
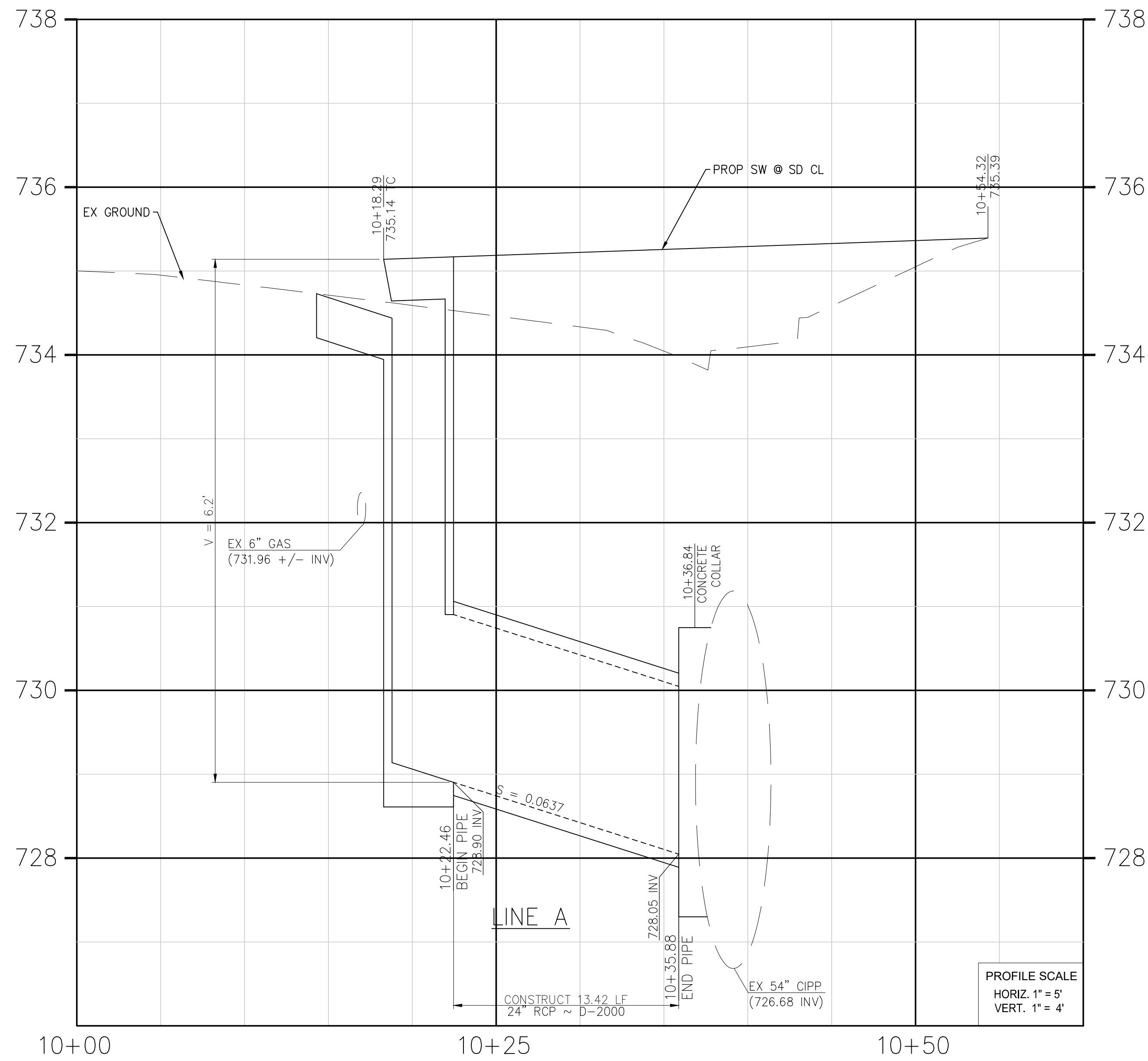
#	COUNTER SLOPES	LENGTH	FLOWLINE SLOPES
A	4.9%	2'	1.0%
B	4.9%	2'	
C	4.4%	2'	
D	4.2%	2'	
E	3.8%	2'	1.3%
F	6.1%	2'	
G	5.0%	2'	
H	5.0%	2'	
I	6.5%	2'	0.6%
J	5.0%	2'	
K	4.8%	2.1'	
L	4.8%	2.1'	
M	5.3%	2'	0.5%
N	8.5%	2'	
O	10.5%	3.7'	
P	5%	2'	
Q	5%	2'	-
R	7.0%	2'	
S	0.2%	2'	

#	COUNTER SLOPES	LENGTH	FLOWLINE SLOPES
T	8.1%	2'	-
U	5.0%	2'	0.5%
V	5.0%	2'	
W	4.2%	2'	-
X	12.3%	2'	-
Y	%	2'	-

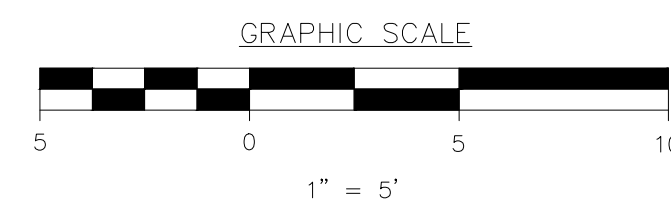
REVISIONS			
MARK	DATE	DESCRIPTION	BY
APPROVAL RECOMMENDED BY		2/9/2024	DATE
STEVEN B. FRIESON R.C.E. 42110			

CITY OF OJAI				
DEPARTMENT OF PUBLIC WORKS				
SR 150 AND SR 33 PEDESTRIAN AND BICYCLE SAFETY IMPROVEMENTS				
APPROVED BY		CITY ENGINEER R.C.E. XX-XXX		
DATE		DATE		
APPROVED BY		PUBLIC WORKS DIRECTOR		
DATE		DATE		
SCALE	HORIZ. 1" = 10'	SHEET 11 OF 25	DRAWING NUMBER CD-02	
VERT.				
DRAWN BY	TA	DRAWING NUMBER		
CHECKED BY	VH/ SF			





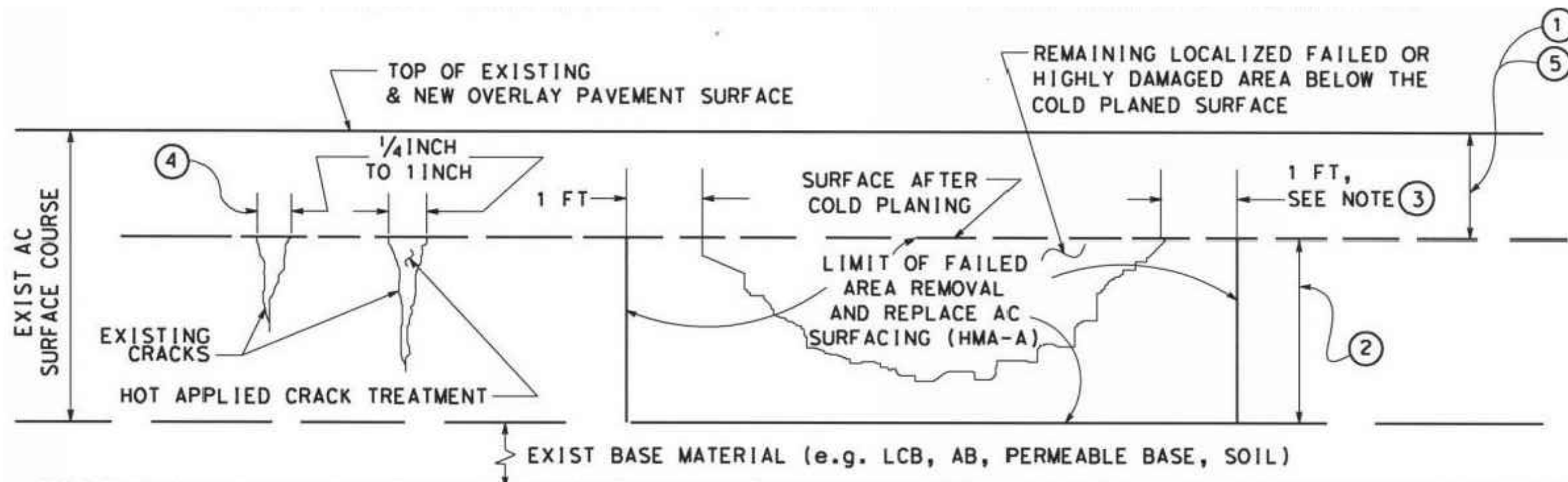
MARICOPA HWY
DRAINAGE INLET AND GUTTER DETAIL
DI TYPE OL: STA 19+52.53



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				APPROVED BY _____ DATE _____	
				CITY ENGINEER R.C.E. XX-XXX	
				APPROVED BY _____ DATE _____	
				PUBLIC WORKS DIRECTOR	
APPROVAL RECOMMENDED BY		2/11/2024		SCALE HORIZ. 1" = 20' VERT. _____	SHEET 12 OF 25
STEVEN B. FRIESON R.C.E. 42110		DATE		DRAWN BY TA	DRAWING NUMBER CD-02
				CHECKED BY	VH/ SF



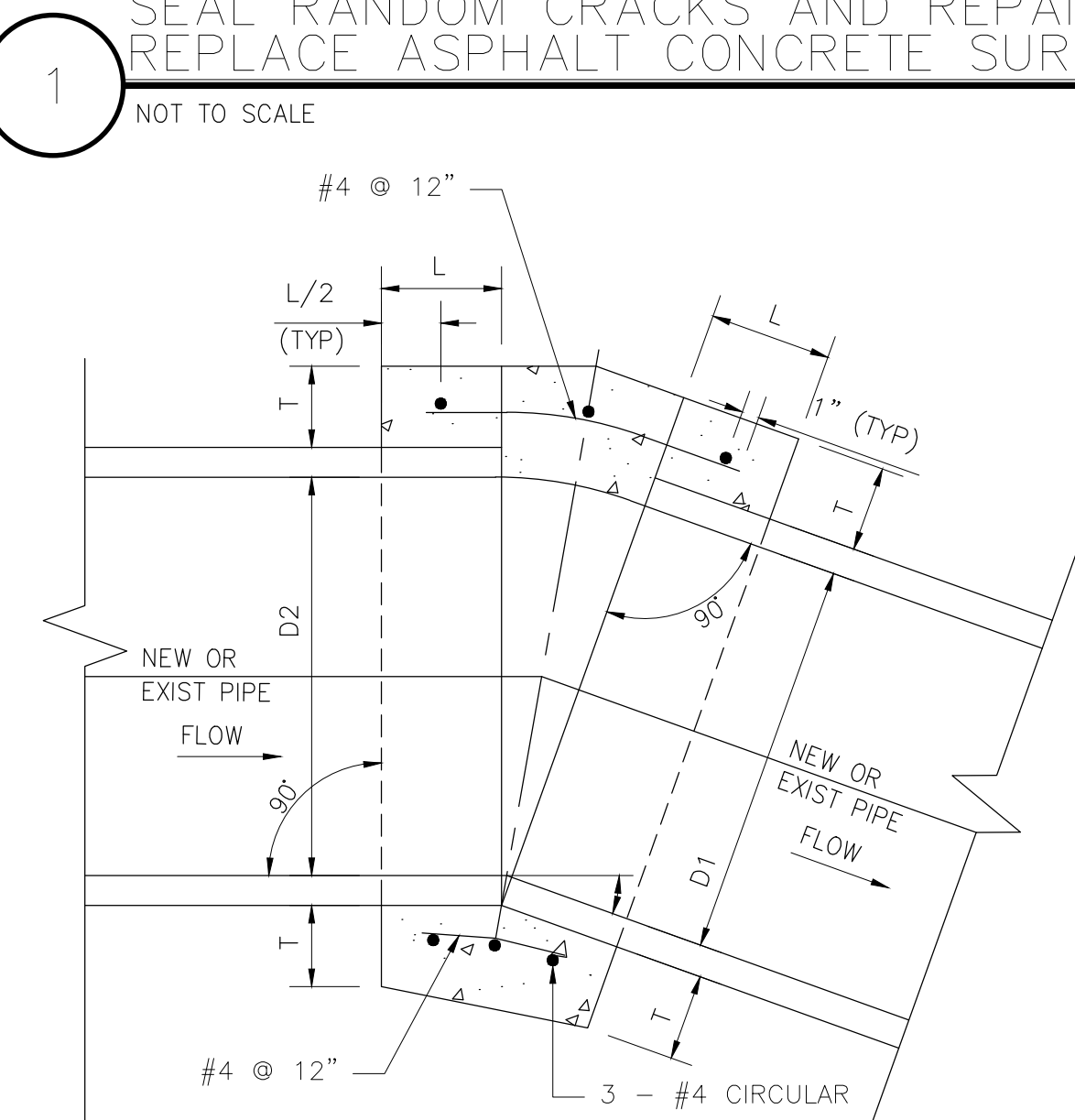


- NOTES:
- 1 COLD PLANE THE PLANNED THICKNESS OF EXISTING AC PAVEMENT. LEAVE AT LEAST THE BOTTOM 0.15' OF THE EXISTING AC SURFACE COURSE INTACT FOR STABILITY. OTHERWISE, REMOVE AND REPLACE THE ENTIRE SURFACE COURSE'S THICKNESS.
 - 2 REMOVE AND REPLACE WITH AC SURFACING (HMA-A) FOR THE ENTIRE DEPTH OF THE AC COURSE. IF THE FAILED AREA REACHES INTO THE BASE MATERIAL, THEN REPLACE THE BASE IN KIND PRIOR TO THE REPLACEMENT OF THE AC SURFACING (HMA-A).
 - 3 EXTEND AT LEAST 1 FOOT INTO THE "GOOD" PAVEMENT SURROUNDING THE AREA TO BE REPLACED.
 - 4 SEAL ALL CRACKS THAT ARE 1/4 INCH TO 1 INCH WIDTH WITH HOT APPLIED CRACK TREATMENT.
 - 5 OVERLAY WITH THE PLANNED THICKNESS OF HMA OR RHMA-G AFTER CRACK TREATMENT HAS BEEN APPLIED FOR THE EXISTING CRACKS AND LOCALIZED FAILED AREAS HAVE BEEN REPAIRED.

REFERENCES:

- FOR 1: 2017 HDM 635.2(5).
FOR 3: Maintenance's "APPENDIX B" Guidelines for repairing Localized Areas of Distress in AC Pavements.
FOR 4: 2018 Standard Specifications Section 37-6.03, 39-3.02, and SSP 37-6_A10-19-18_2018.

DETAIL A – FOR COLD PLANE AND OVERLAY
SEAL RANDOM CRACKS AND REPAIR FAILED AREAS
REPLACE ASPHALT CONCRETE SURFACING (HMA-A)

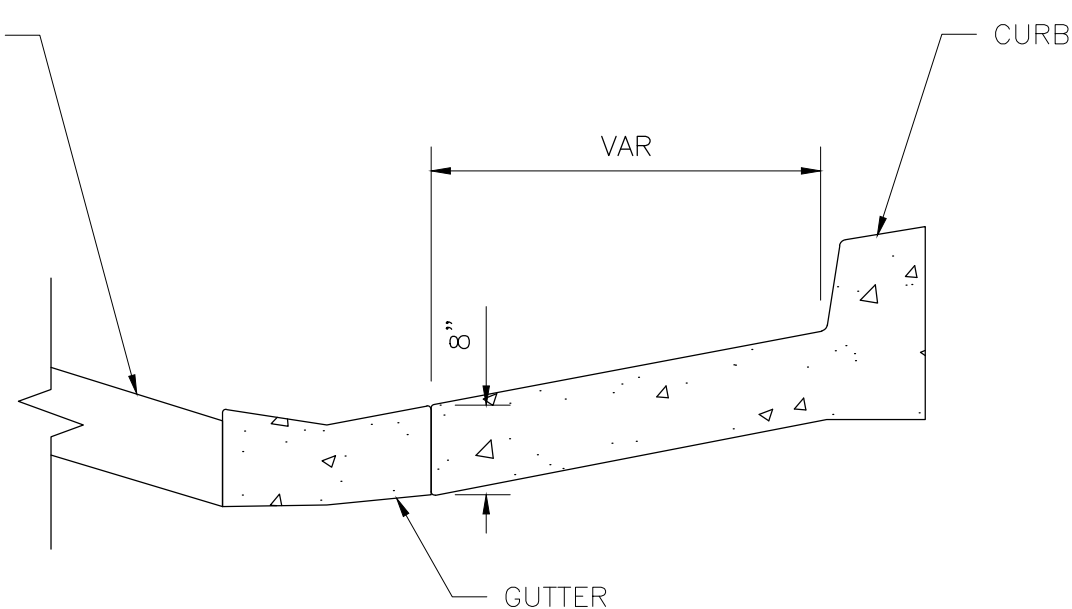


D	L	T
12"	12"	4"
18"	12"	5"
24"	12"	6"
30"	18"	7"
36"	18"	9"

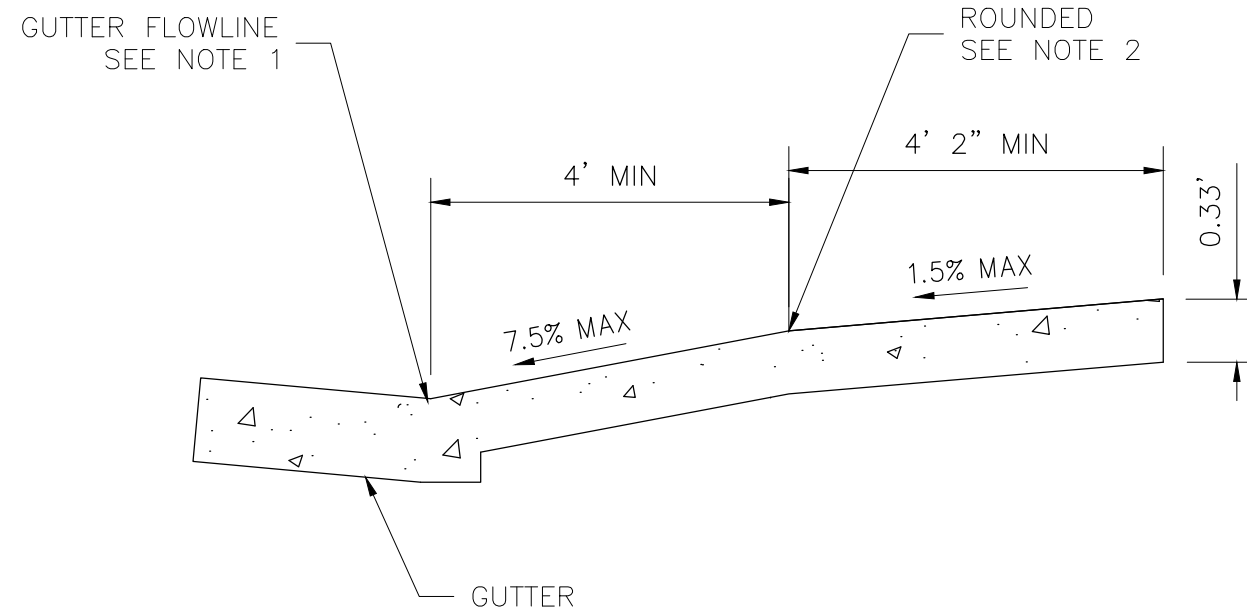
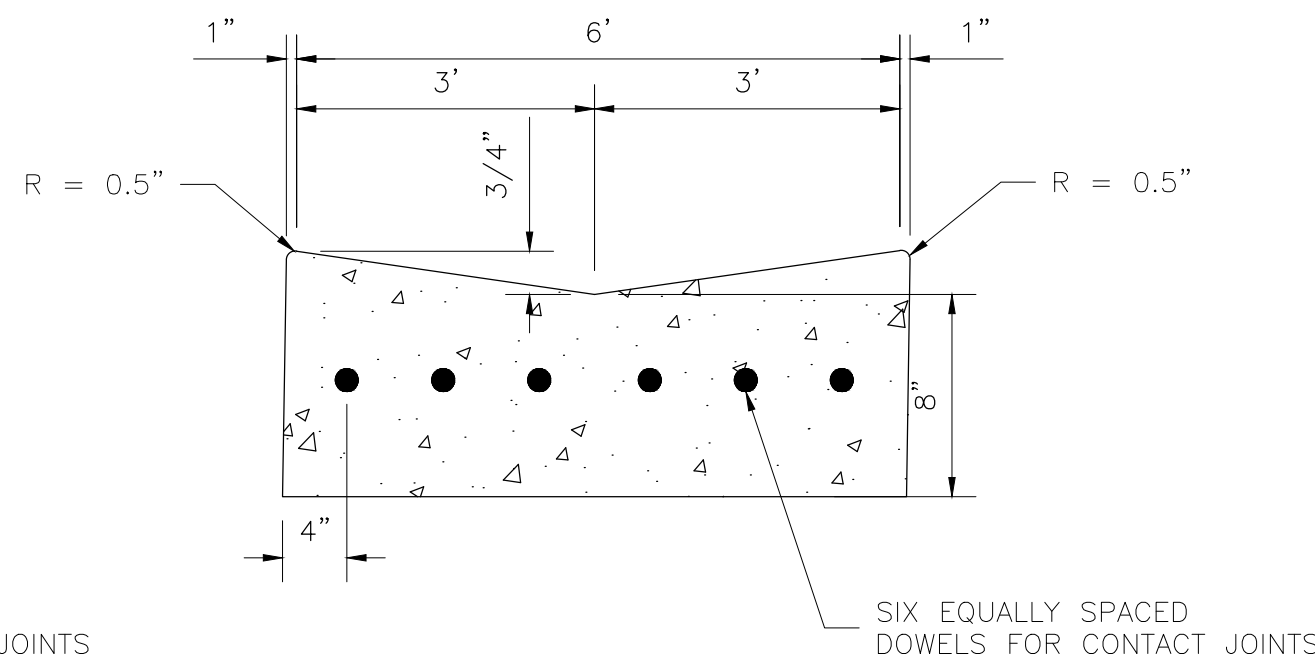
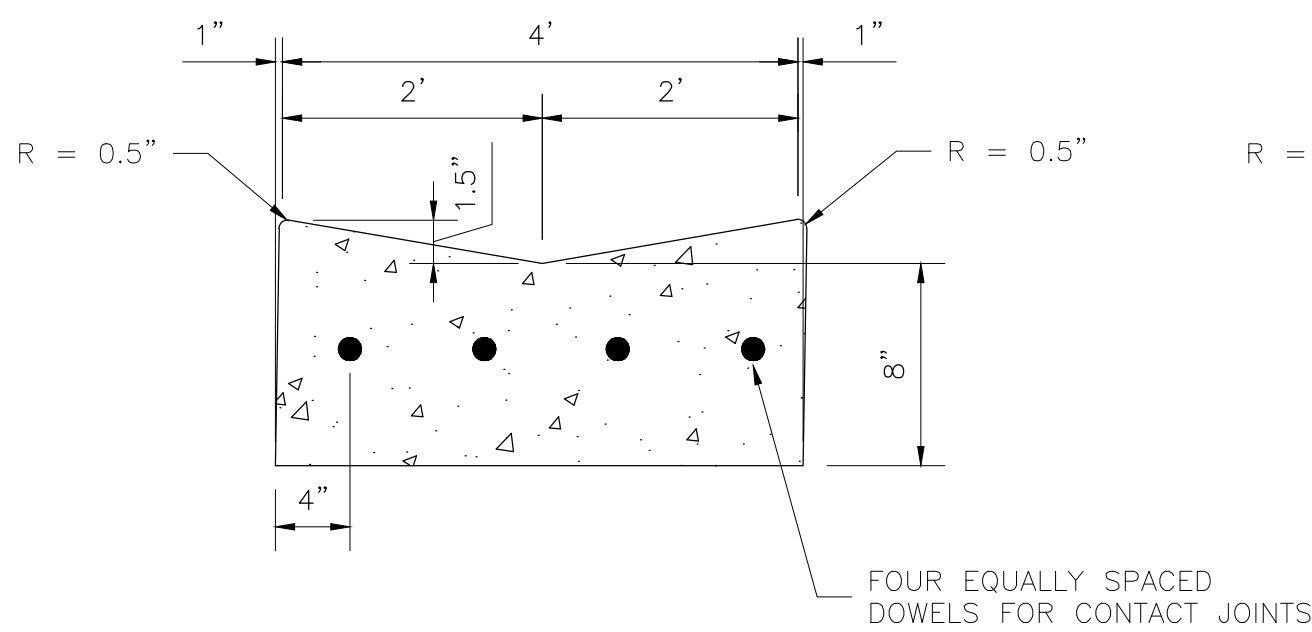
CONCRETE NOTES:

1. CONCRETE SHALL BE 560-C-3250.
2. A CONCRETE COLLAR IS REQUIRED WHERE THE CHANGE IN GRADE EXCEEDS 10%.
3. CONCRETE COLLAR SHALL NOT BE USED FOR A SIZE CHANGE ON THE MAIN LINE.
4. CONNECTOR PIPES OF DIFFERENT DIAMETERS ARE JOINED WITH A CONCRETE COLLAR. L AND T SHALL BE THOSE OF THE LARGER PIPE. D=D1 OR D2. WHICHEVER IS GREATER.
5. WHEN D1 IS EQUAL TO OR LESS THAN D2, JOIN INVERTS AND WHEN D1 IS GREATER THAN D2, JOIN SOFFITS.
6. FOR PIPE SIZE NOT LISTED USE NEXT SIZE LARGER.
7. REINFORCEMENT SHALL CONFORM TO ASTM A 615 GRADE 40.
8. WHERE REINFORCING IS REQUIRED THE DIAMETER OF THE CIRCULAR TIES SHALL BE D+ (2X WALL THICKNESS) + T.
9. REINFORCING SHALL BE USED WHERE THE PIPE DIAMETER IS GREATER THAN 21" AND ON ALL PIPES WHERE THE SPACES BETWEEN THE EXTREME OUTER ENDS IS 3" OR LARGER.

REFER TO ROAD TYPICAL SECTIONS FOR PAVEMENT DEPTHS



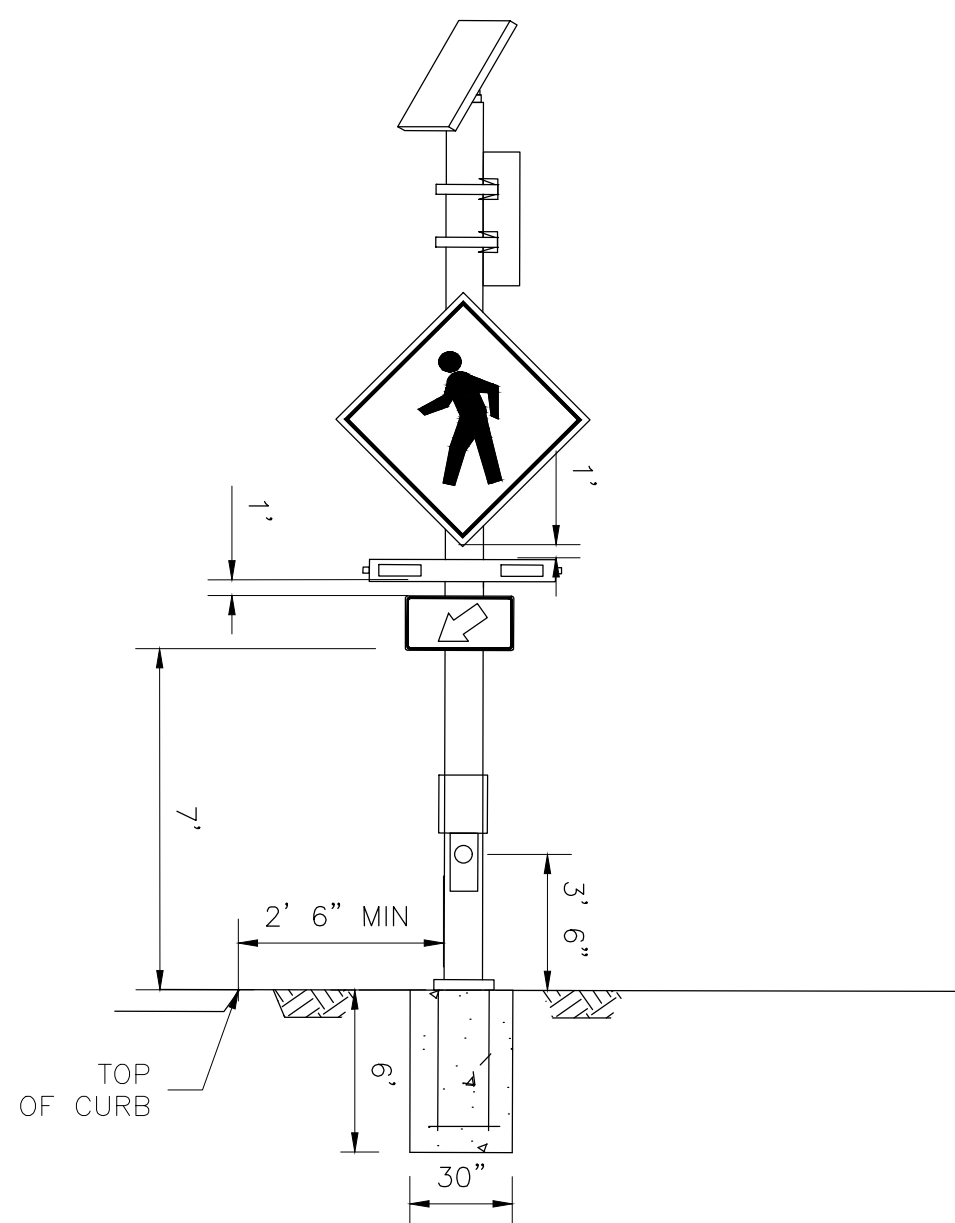
4 CROSS AND LONGITUDINAL GUTTER
NOT TO SCALE



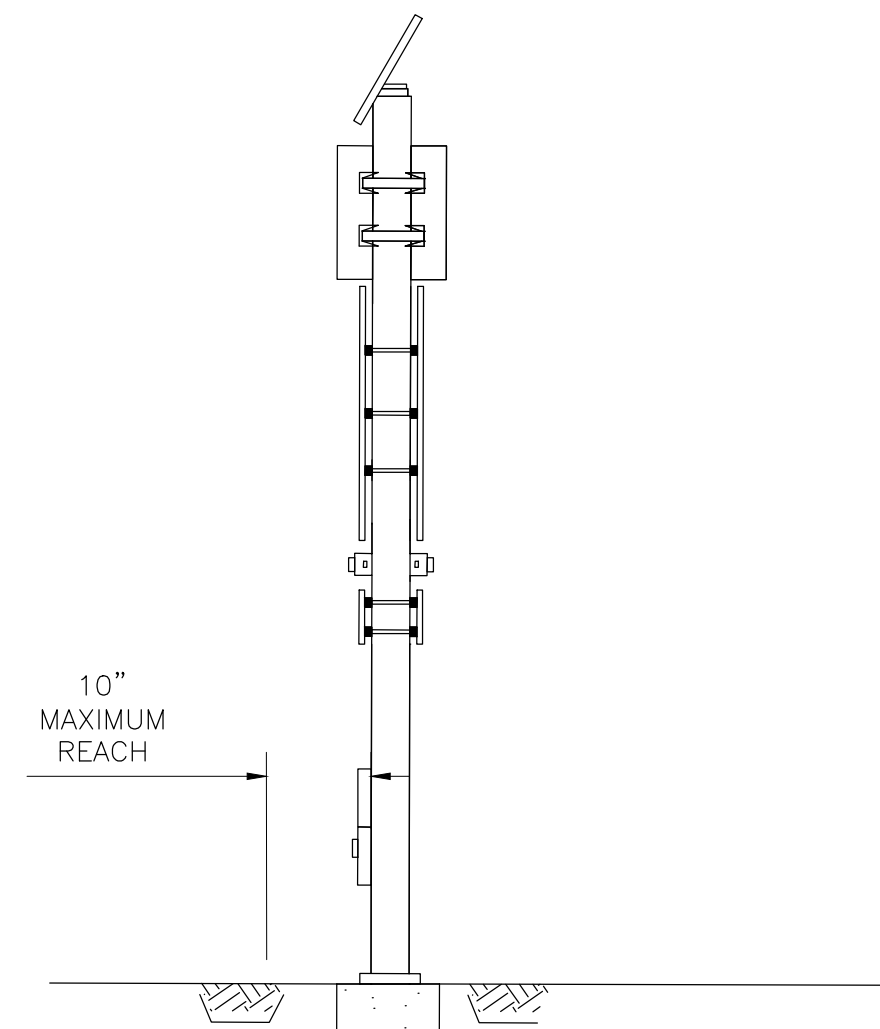
BIKE RAMP NOTES:

1. COUNTER SLOPES OF ADJOINING GUTTERS AND ROAD SURFACES IMMEDIATELY ADJACENT TO AND WITHIN 24 INCHES OF THE BIKE RAMP SHALL NOT BE STEEPER THAN 1:20 (5.0%). GUTTER PAN SLOPE SHALL NOT EXCEED 1" OF DEPTH FOR EACH 2'-0" OF WIDTH.
2. TRANSITION FROM BIKE RAMPS AND LANDING TO WALKS, GUTTERS, OR STREETS SHALL BE FLUSH (NO LIP) AND FREE OF ABRUPT CHANGES.
3. SIDEWALK AND RAMP THICKNESS, SHALL BE 0.33'.

2 BIKE RAMP DETAIL
NOT TO SCALE

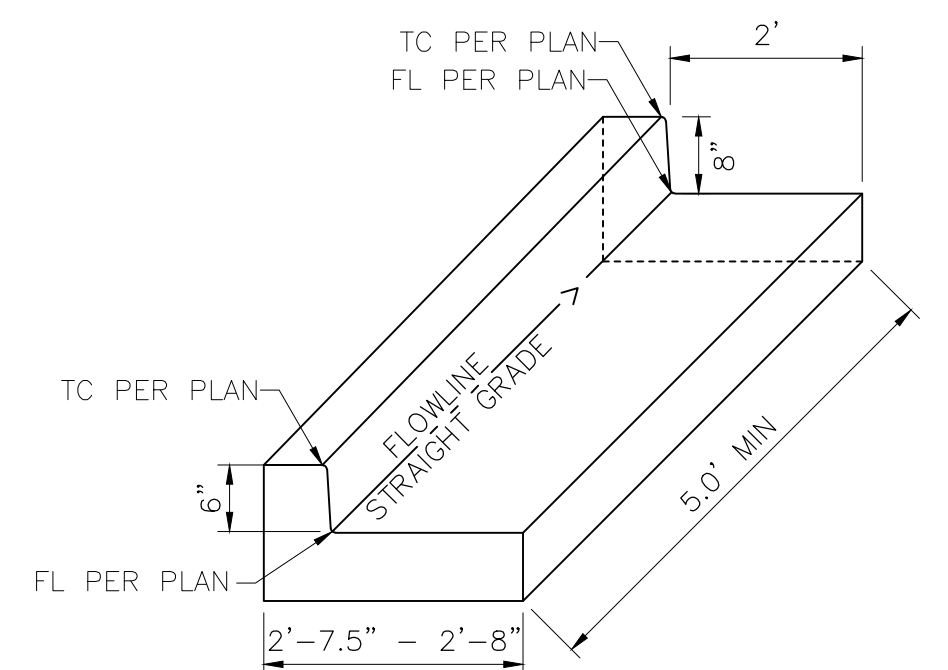
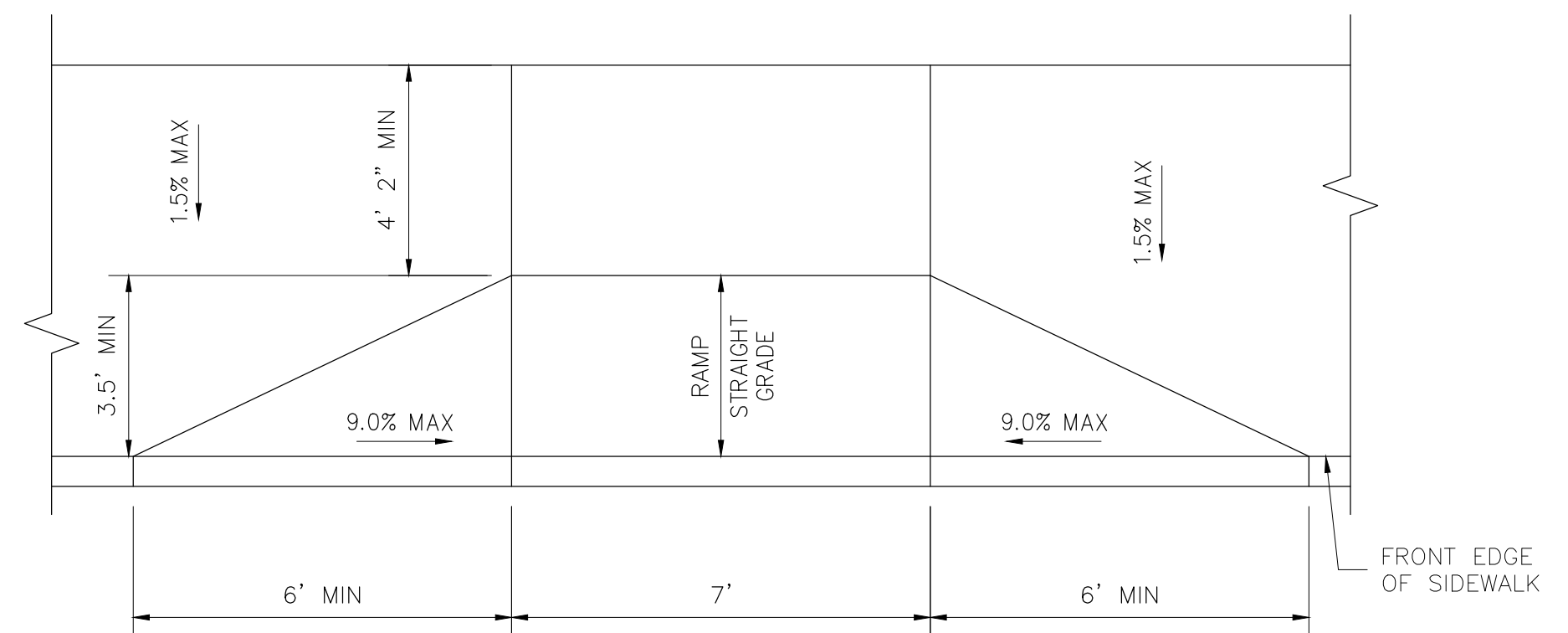


5 RECTANGULAR RAPID FLASHING BEACON
NOT TO SCALE

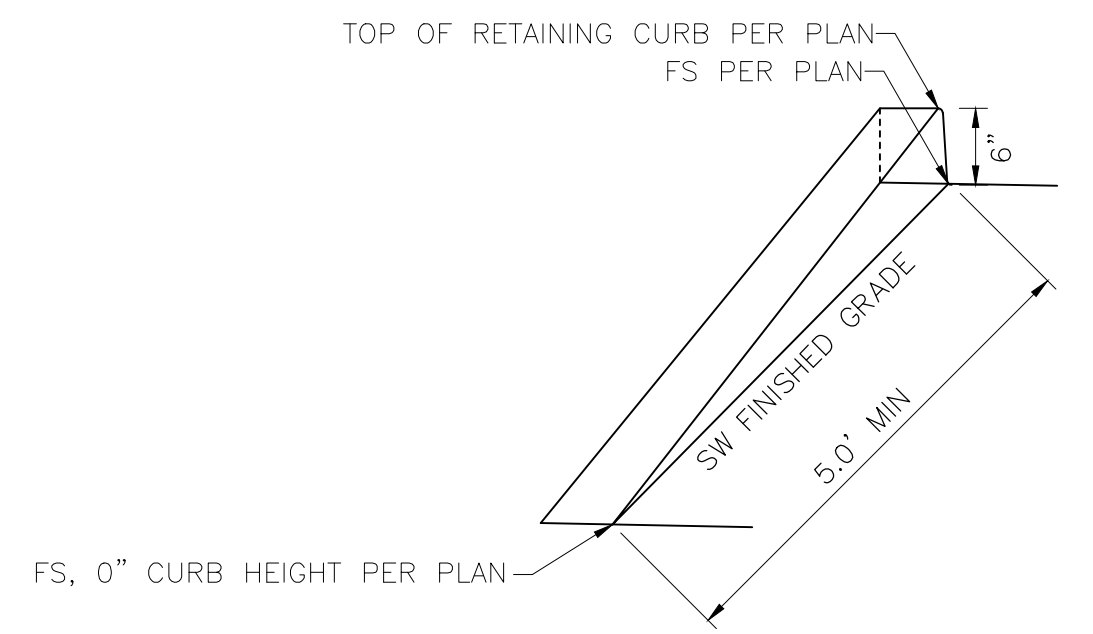


NOTES:

1. POLE CAP REQUIRED FOR AC POWERED UNITS



6 CURB TRANSITION
NOT TO SCALE

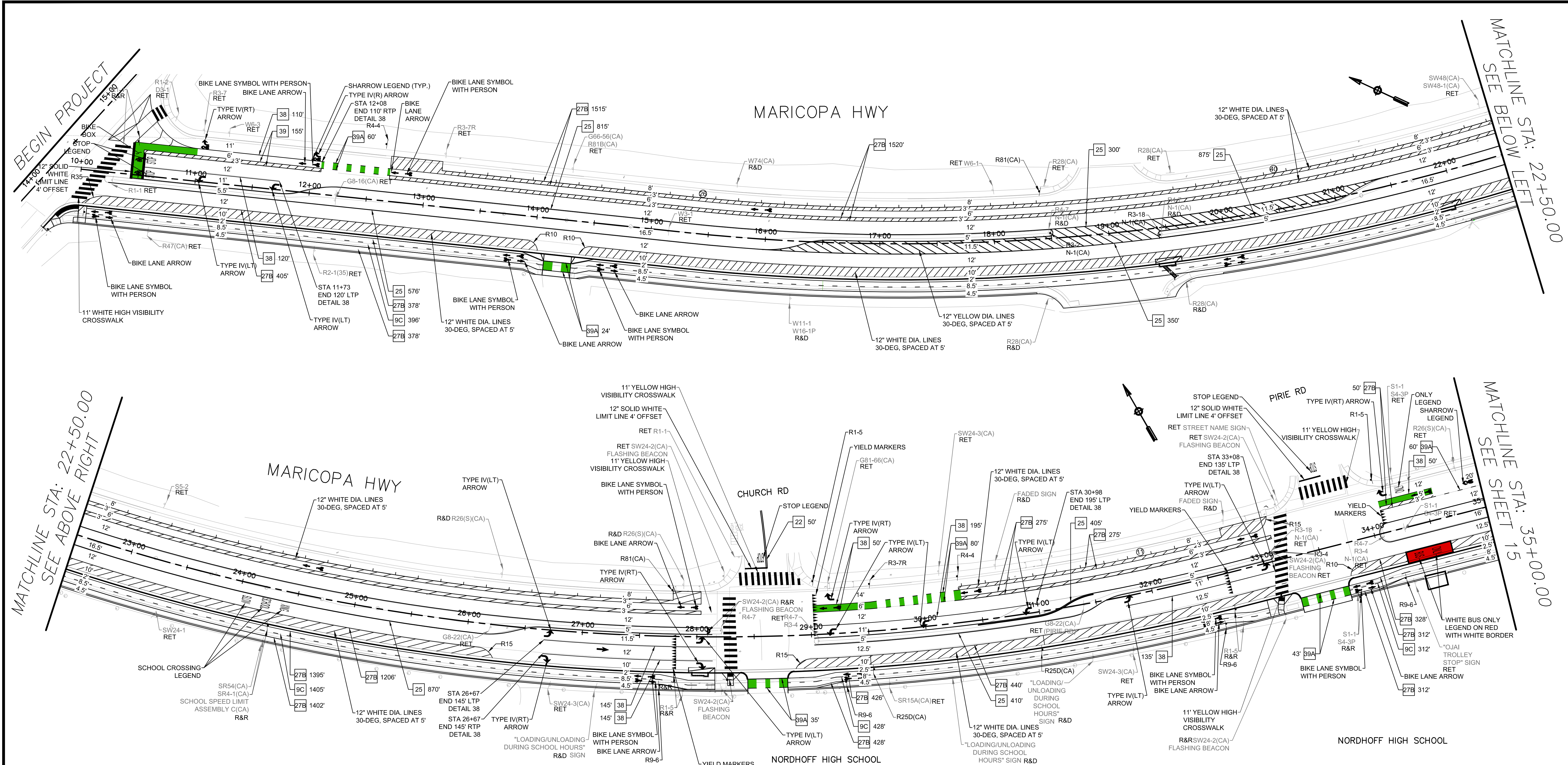


7 CURB FACE TRANSITION
NOT TO SCALE



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				APPROVED BY CITY ENGINEER R.C.E. XX-XXX	
				APPROVED BY PUBLIC WORKS DIRECTOR	
APPROVAL RECOMMENDED BY		11/3/2023		SCALE HORIZ. _____ VERT. _____	SHEET 13 OF 25
STEVEN B. FRIESON R.C.E. 42110		DATE		DRAWN BY TA	DRAWING NUMBER DET-01
				CHECKED BY VH/ SF	








SIGNAGE AND STRIPING NOTES:

1. DETAIL NUMBERS (SEE CALTRANS STD PLANS RSP A20A, A20B, RSP A20D, A24A, A24B, A24C, A24D, RSP A24E, A24F, RSP A24G).
2. ALL PAVEMENT STRIPES SHALL BE THERMOPLASTIC AND PAVEMENT MARKINGS SHALL BE PRE-FORMED THERMOPLASTIC MARKINGS, PER CALTRANS STANDARD PLANS AND SPECIFICATIONS.
3. ALL SIGNS, POSTS, AND ANCHORS SHALL BE PER CALTRANS STANDARDS PLANS AND SPECIFICATIONS.

4. ALL EXISTING NO PARKING RED CURB WILL BE RESTRIPTED.
5. ALL LANE LINES ALONG MARICOPA HIGHWAY SHALL HAVE BLACK CONTRAST PER CALTRANS STD PLAN A20E (OPTION 2).
6. ALL EDGE AND FOG LINES ALONG MARICOPA HIGHWAY SHALL HAVE BLACK CONTRAST PER CALTRANS STD PLAN A20E (OPTION 1).
7. PARKING STALL MARKINGS SHALL HAVE A MINIMUM OF 1' X 1' MARKING PER CA MUTCD FIG 3B-21 (CA).

STRIPING LEGEND					
<div>12</div>	Detail 12	6" Dashed White Lane Line	<div>40</div>	Detail 40	6" Dashed White Ext. Lane Line
<div>22</div>	Detail 22	6" Solid Yellow Double Center Line	<div>41</div>	Detail 41	6" Solid Yellow Ext. Center Line
<div>25</div>	Detail 25	6" Solid Yellow Left Edge Line	<div>9C</div>	CAMUTCD	6" Dashed White Shared Use Centerline
<div>27B</div>	Detail 27B	6" Solid Right Edge Line			
<div>27C</div>	Detail 27C	6" Dashed Right Edge Ext. Line			
<div>29</div>	Detail 29	6" Solid Yellow Median Island Lines			
<div>32</div>	Detail 32	6" Yellow Two Way Left Turn Lines			
<div>38</div>	Detail 38	8" Solid White Channelizing Line			
<div>39</div>	Detail 39	6" Solid White Bike Lane Line			
<div>39A</div>	Detail 39A	6" Dashed White Bike Lane Line			

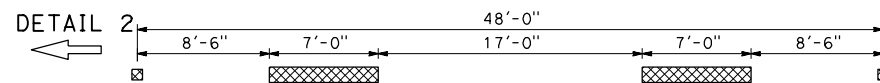
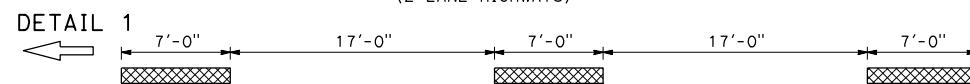
MARKING LEGEND							
<div>STOP</div>	<div>SLOW</div>	A24D	Stop, Slow Legend		<div>↑</div>	A24A	Bike Lane Arrow
<div>SCHOOL</div>	<div>XING</div>	A24D	School Crossing Legend		<div></div>	A24C	Bike Lane Symbol W/ Person
<div>BUS</div>	<div>ONLY</div>	RSP A24E	Bus, Only Legend		<div></div>	A24A	Type IV Arrow (Left & Right)
<div>KEEP</div>	<div>CLEAR</div>	RSP A24E	Keep, Clear Legend		<div></div>	A24A	Type VII Arrow (Thru & Right)
<div>PEDS</div>	<div>YIELD</div>	A24D	Ped, Yield Legend		<div>↑</div>	A24A	Type I Arrow (10')
<div>▼▼▼</div>		RSP A24G	Yield Markers		<div></div>	A24C	Sharrow Marking
<div>—</div>		RSP A24G	Limit Line (Stop Line)		<div></div>	A24B	Type III (B) Arrow
<div>YIELD</div>		RSP A24E	Bike Legend		<div></div>	A24A	Type VI Arrow (Right)
<div>30</div>		A24D	Speed Limit Legend			A24F	Continental Crosswalk
<div>—4—</div>		A24D	Bike Loop Detector Symbol			A90B	Parking Stall Markings

REVISIONS				CITY OF OJAI DEPARTMENT OF PUBLIC WORKS			
MARK	DATE	DESCRIPTION	BY	SR 150 AND SR 33 PEDESTRIAN AND BICYCLE SAFETY IMPROVEMENTS			
				APPROVED BY: CITY ENGINEER R.C.E. 17100			
				APPROVED BY: PUBLIC WORKS DIRECTOR			
APPROVAL RECOMMENDED BY:				SCALE	HORIZ. 1" = 40'	SHEET 14 OF 25	
R.C.E.				DRAWN BY	ALTA	DRAWING NUMBER	SS-01
				CHECKED BY	ALTA		



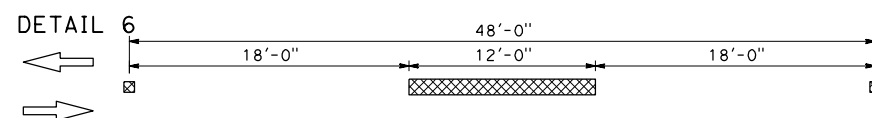
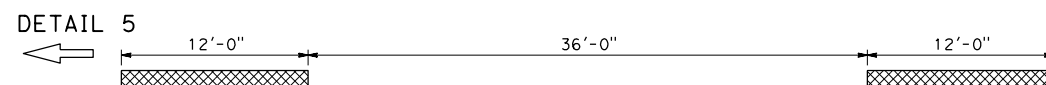
CENTERLINES

(2 LANE HIGHWAYS)



~~DETAIL 3~~ DETAIL 3 DELETED

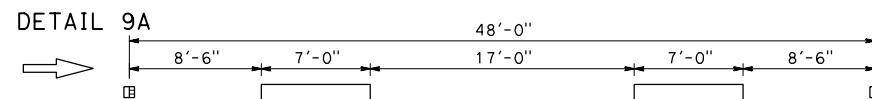
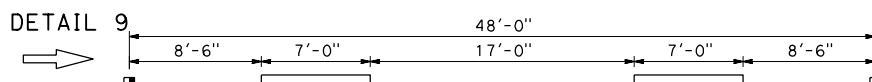
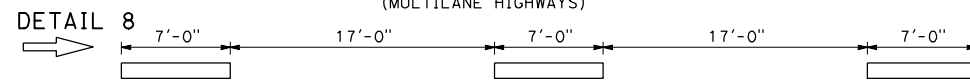
~~DETAIL 4~~ DETAIL 4 DELETED



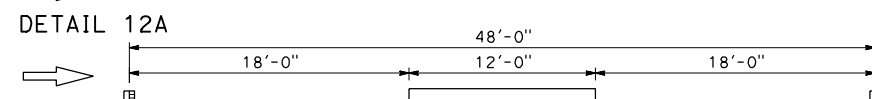
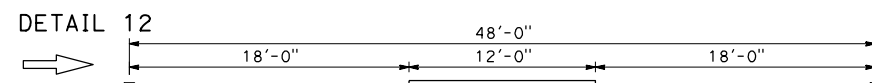
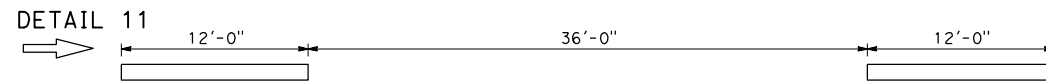
~~DETAIL 7~~ DETAIL 7 DELETED

LANE LINES

(MULTILANE HIGHWAYS)



~~DETAIL 10~~ DETAIL 10 DELETED



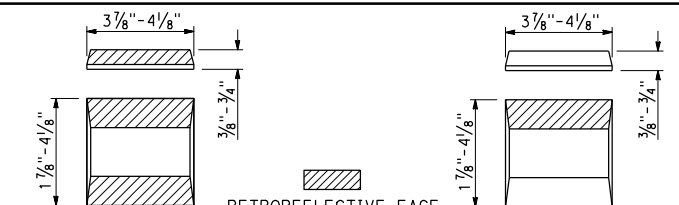
~~DETAIL 13~~ DETAIL 13 DELETED

~~DETAIL 14~~ DETAIL 14 DELETED

~~DETAIL 14A~~ DETAIL 14A DELETED

LINES:

6" WHITE
6" YELLOW

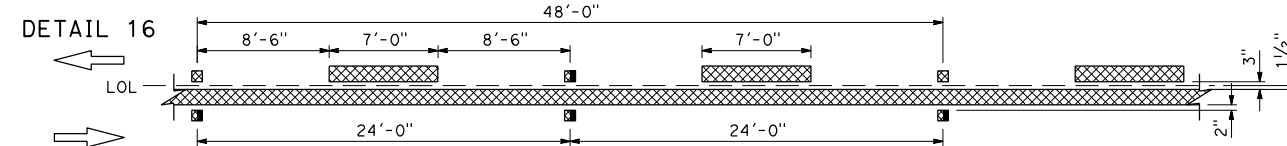
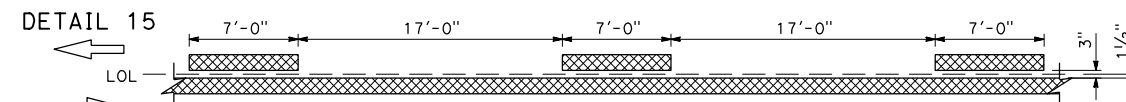


TYPE C AND TYPE D

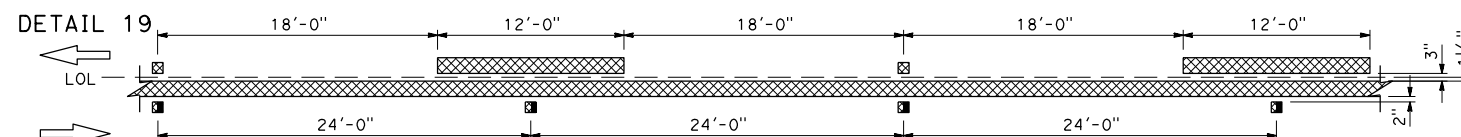
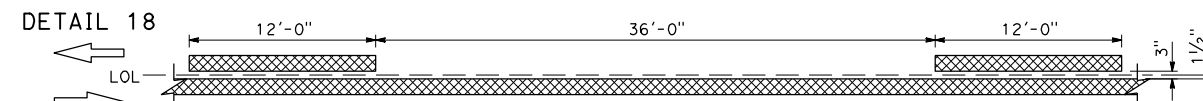
TYPE G AND TYPE H

MARKER DETAILS

NO PASSING ZONES - ONE DIRECTION

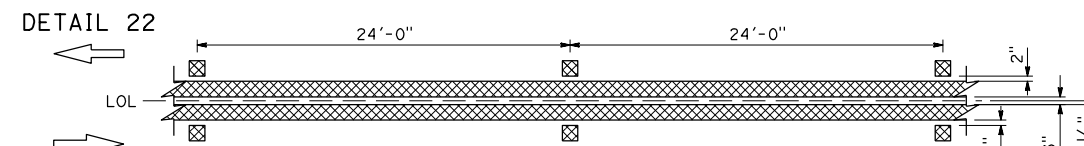
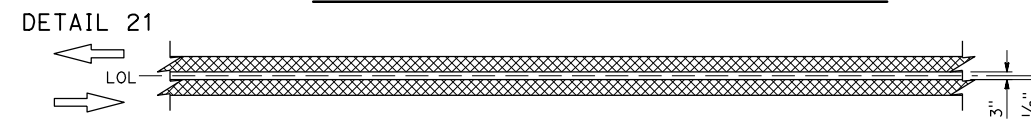


~~DETAIL 17~~ DETAIL 17 DELETED



~~DETAIL 20~~ DETAIL 20 DELETED

NO PASSING ZONES - TWO DIRECTION



~~DETAIL 23~~ DETAIL 23 DELETED

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKERS AND TRAFFIC LINES TYPICAL DETAILS

NO SCALE

RSP A20A DATED OCTOBER 21, 2022 SUPERSEDES STANDARD PLAN A20A
DATED AUGUST 1, 2022 - PAGE 12 OF THE STANDARD PLANS BOOK DATED 2022.

REVISED STANDARD PLAN RSP A20A

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	33,150	11.20/11.96	16	25
<div>Lee Jay Haber REGISTERED CIVIL ENGINEER</div> <div>October 21, 2022 PLANS APPROVAL DATE</div> <div>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</div> <div>Lee Jay Haber No. C49132 Exp. 9-30-24 CIVIL STATE OF CALIFORNIA</div>					

TO ACCOMPANY PLANS DATED _____

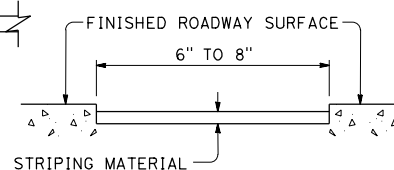
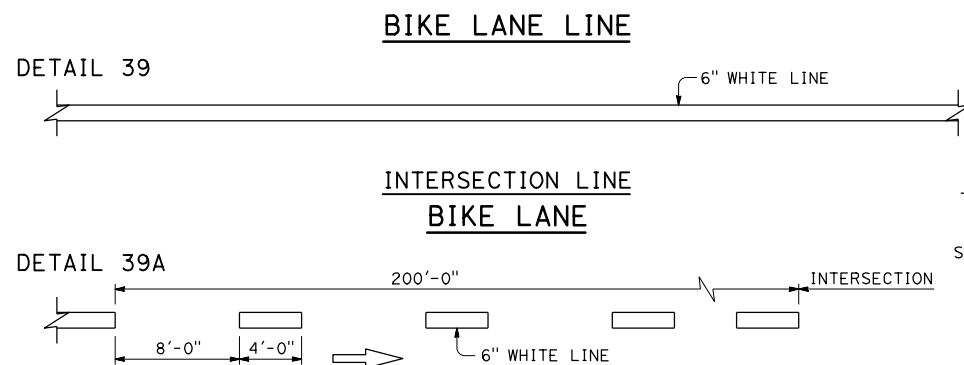
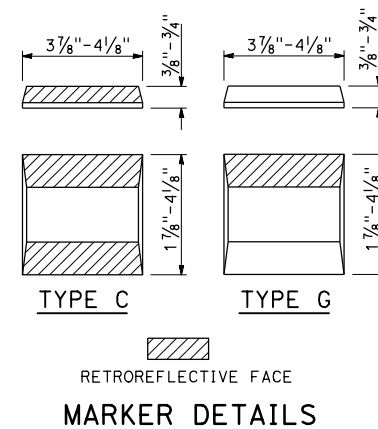
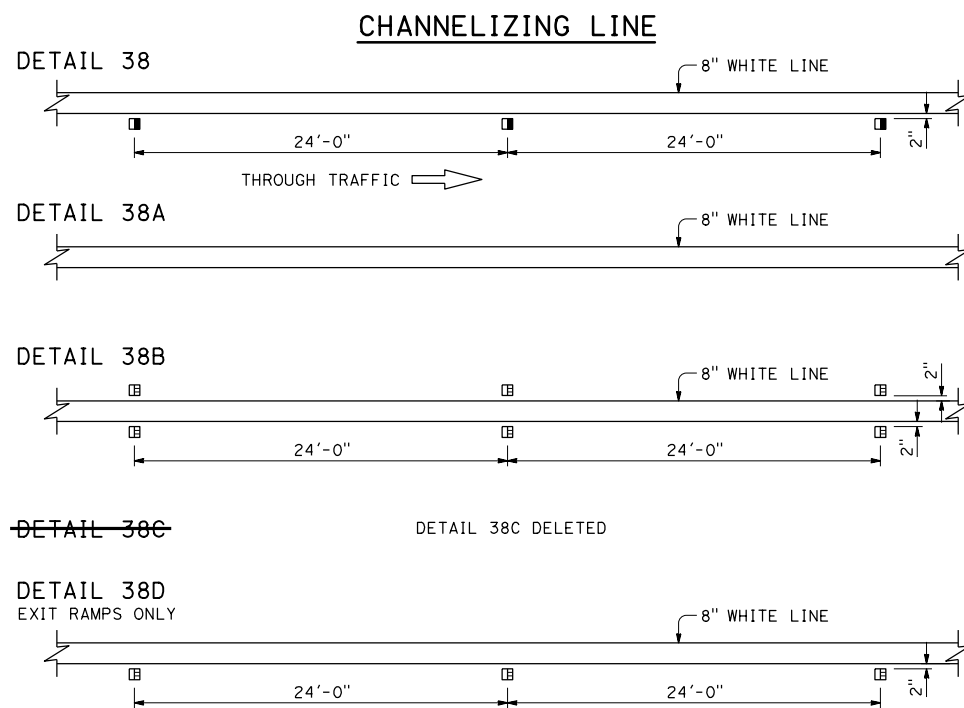
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	33,150	11.20/11.96	17	25

Lee Jay Haber
REGISTERED CIVIL ENGINEER

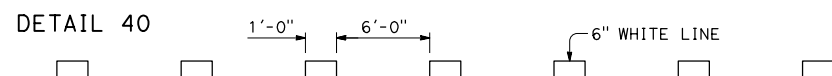
October 21, 2022
PLANS APPROVAL DATE

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COPIES OF THIS PLAN SHEET.

REGISTERED PROFESSIONAL ENGINEER
Lee Jay Haber
No. C49132
Exp. 9-30-24
CIVIL
STATE OF CALIFORNIA

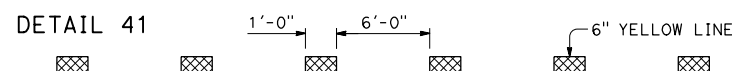


LANE LINE EXTENSIONS THROUGH INTERSECTIONS



~~DETAIL 40A~~ DETAIL 40A DELETED

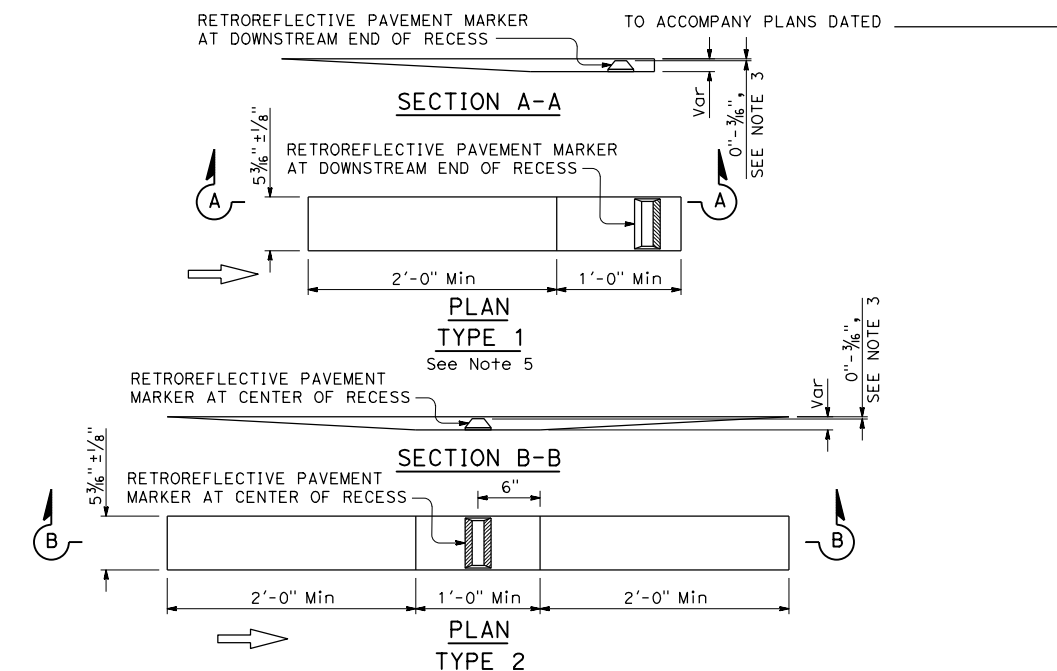
CENTERLINE EXTENSIONS THROUGH INTERSECTIONS



~~DETAIL 41A~~ DETAIL 41A DELETED

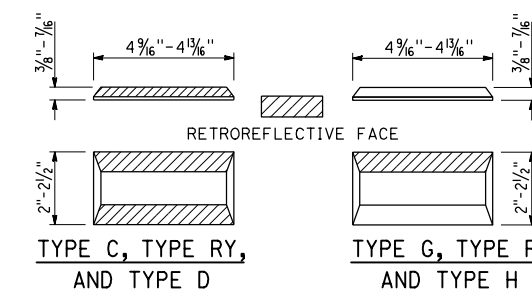
LEGEND:

- TYPE C RED-CLEAR RETROREFLECTIVE MARKER
- TYPE G ONE-WAY CLEAR RETROREFLECTIVE MARKER
- 6" YELLOW LINE



RECESS DETAIL FOR RETROREFLECTIVE PAVEMENT MARKER

See Note 4



RETROREFLECTIVE PAVEMENT MARKER FOR RECESSED INSTALLATION

See Notes 1 and 2

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

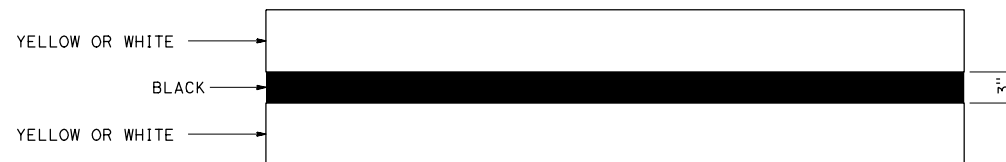
PAVEMENT MARKERS AND TRAFFIC LINES
TYPICAL DETAILS
NO SCALE

RSP A20D DATED OCTOBER 21, 2022 SUPERSEDES STANDARD PLAN A20D
DATED AUGUST 1, 2022 - PAGE 15 OF THE STANDARD PLANS BOOK DATED 2022.

REVISED STANDARD PLAN RSP A20D

2022 REVISED STANDARD PLAN RSP A20D

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	33,150	11.20/11.96	18	25
<i>Lee Jay Haber</i> REGISTERED CIVIL ENGINEER					
October 21, 2022 PLANS APPROVAL DATE					
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.					



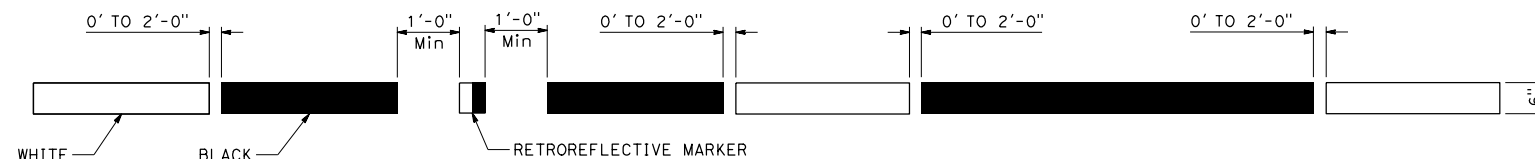
TYPICAL DOUBLE STRIPE CONTRAST DETAIL

NOTES:

1. See Revised Standard Plans RSP A20A, RSP A20D, RSP A20F, and Standard Plans A20B and A20C for traffic lines typical details.
2. Detail 9 Traffic stripe shown. See project plans for traffic stripe details.



OPTION 1
TYPICAL LANE LINE OR RIGHT EDGE LINE CONTRAST DETAIL



OPTION 2
TYPICAL LANE LINE CONTRAST DETAIL
See Note 2

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
**TRAFFIC LINES
TYPICAL DETAILS
FOR CONTRAST STRIPING**
NO SCALE

RSP A20E DATED OCTOBER 21, 2022 SUPERSEDES STANDARD PLAN A20E
DATED AUGUST 1, 2022 - PAGE 16 OF THE STANDARD PLANS BOOK DATED 2022.

REVISED STANDARD PLAN RSP A20E

2022 REVISED STANDARD PLAN RSP A20E

PREFERENTIAL LANE LINES

DETAIL 42



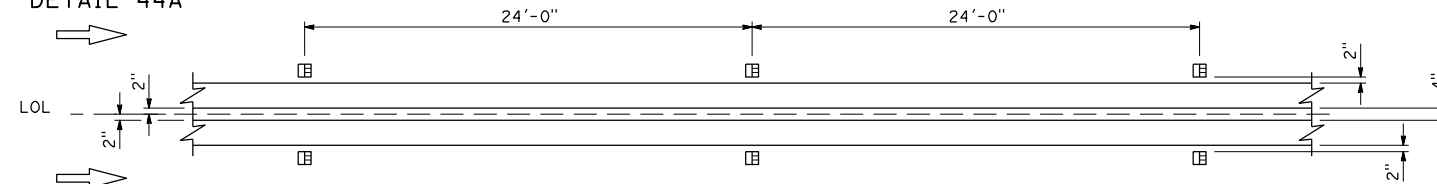
~~DETAIL 43~~

DETAIL 43 DELETED

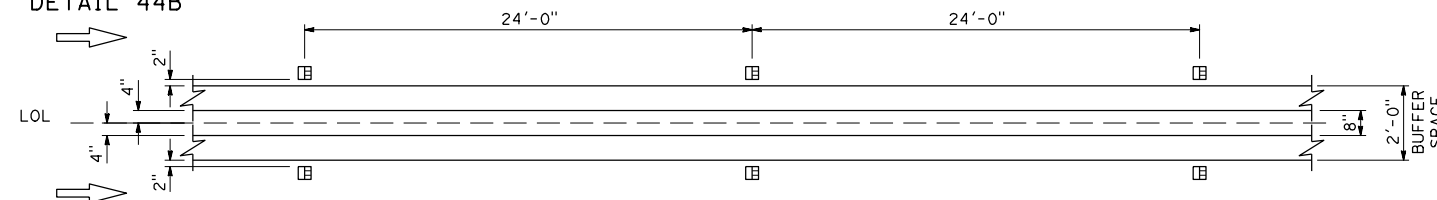
~~DETAIL 43A~~

DETAIL 43A DELETED

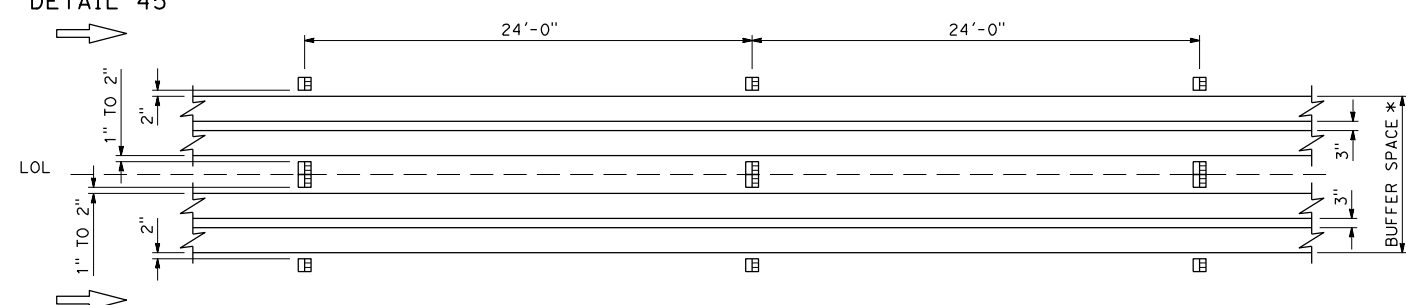
DETAIL 44A



DETAIL 44B





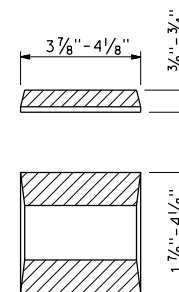
DETAIL 45



* See pavement delineation plan for dimension.

LEGEND:

-  TYPE C RED-CLEAR RETROREFLECTIVE MARKER
-  8" WHITE LINE



 RETROREFLECTIVE FACE

TYPE C

MARKER DETAILS

PAVEMENT MARKERS AND TRAFFIC LINES TYPICAL DETAILS

NO SCALE

RSP A20F DATED OCTOBER 21, 2022 SUPERSEDES STANDARD PLAN A20F
DATED AUGUST 1, 2022 - PAGE 17 OF THE STANDARD PLANS BOOK DATED 2022.

REVISED STANDARD PLAN RSP A20F

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	33,150	11.20/11.96	19	25
<div>Lee Jay Haber REGISTERED CIVIL ENGINEER</div> <div>October 21, 2022 PLANS APPROVAL DATE</div> <div>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</div>					
<div>Lee Jay Haber REGISTERED PROFESSIONAL ENGINEER No. C49132 Exp. 9-30-24 CIVIL STATE OF CALIFORNIA</div>					

TO ACCOMPANY PLANS DATED _____

2022 REVISED STANDARD PLAN RSP A20F

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
07	VEN	33,150	11.20/11.96	20	25

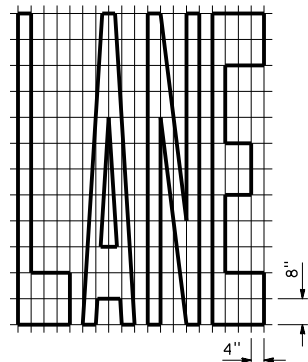
Lee Jay Haber
REGISTERED CIVIL ENGINEER

October 21, 2022
PLANS APPROVAL DATE

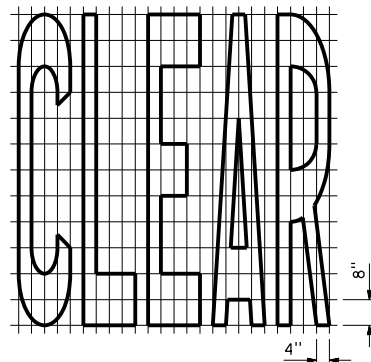
Lee Jay Haber
No. C49132
Exp. 9-30-24
CIVIL
STATE OF CALIFORNIA

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OR AGENTS SHALL NOT BE RESPONSIBLE FOR
THE ACCURACY OR COMPLETENESS OF SCANNED
COPIES OF THIS PLAN SHEET.

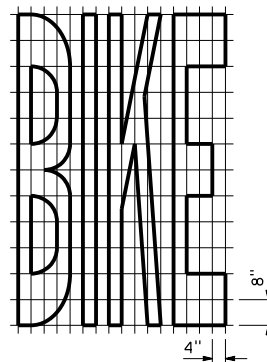
TO ACCOMPANY PLANS DATED _____



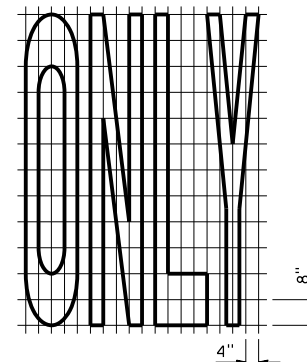
A=24 SQFT



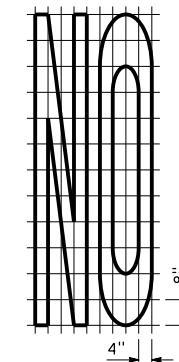
A=27 SQFT



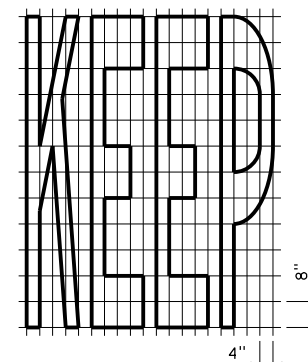
A=21 SQFT



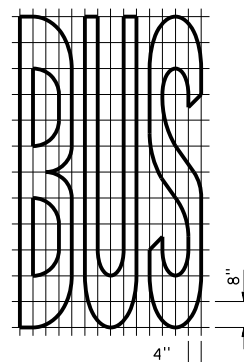
A=22 SQFT



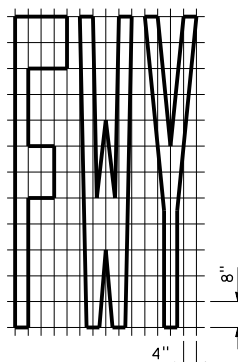
A=14 SQFT



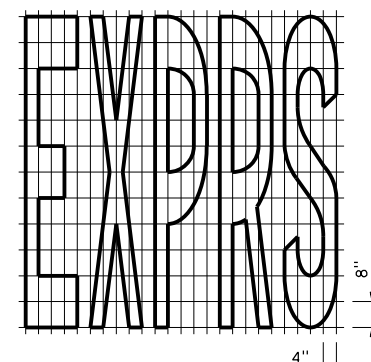
A=24 SQFT



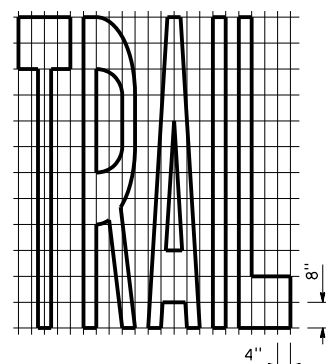
A=20 SQFT



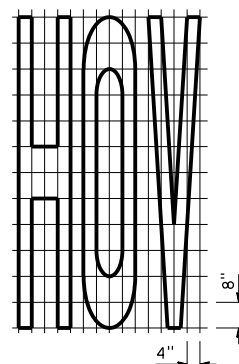
A=16 SQFT



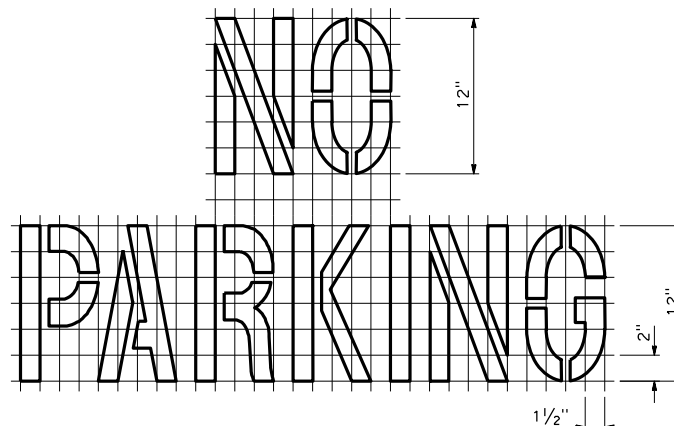
A=30 SQFT



A=23 SQFT



A=18 SQFT



A=2 SQFT

See Notes 5 and 6

NOTES:

1. If a message consists of more than one word, it must read "UP", i.e., the first word must be nearest the driver.
2. The space between words must be at least four times the height of the characters for low speed roads, but not more than ten times the height of the characters. The space may be reduced appropriately where there is limited space because of local conditions.
3. Minor variations in dimensions may be accepted by the Engineer.
4. Portions of a letter, number, or symbol may be separated by connecting segments not to exceed 2" in width.
5. The words "NO PARKING" pavement marking is to be used for parking facilities. For typical locations of markings, see Standard Plans A90A and A90B.
6. The words "NO PARKING", shall be painted in white letters no less than 1'-0" high on a contrasting background and located so that it is visible to traffic enforcement officials.

WORD MARKINGS			
ITEM	SQFT	ITEM	SQFT
LANE	24	NO	14
CLEAR	27	BIKE	21
KEEP	24	BUS	20
HOV	18	ONLY	22
TRAIL	23	FWY	16
EXPRS	30		

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS WORDS

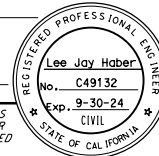
NO SCALE

RSP A24E DATED OCTOBER 21, 2022 SUPERSEDES STANDARD PLAN A24E
DATED AUGUST 1, 2022 - PAGE 23 OF THE STANDARD PLANS BOOK DATED 2022.

REVISED STANDARD PLAN RSP A24E


2022 REVISED STANDARD PLAN RSP A24E

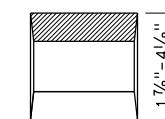
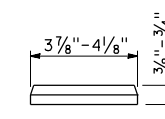
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	33,150	11.20/11.96	21	25

<i>Lee Haber</i> REGISTERED CIVIL ENGINEER		
October 21, 2022 PLANS APPROVAL DATE		
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TO ACCOMPANY PLANS DATED _____

LEGEND:

 TYPE R ONE-WAY
RED RETROREFLECTIVE MARKER



TYPE R

MARKER DETAILS

 RETROREFLECTIVE FACE ON BACKSIDE

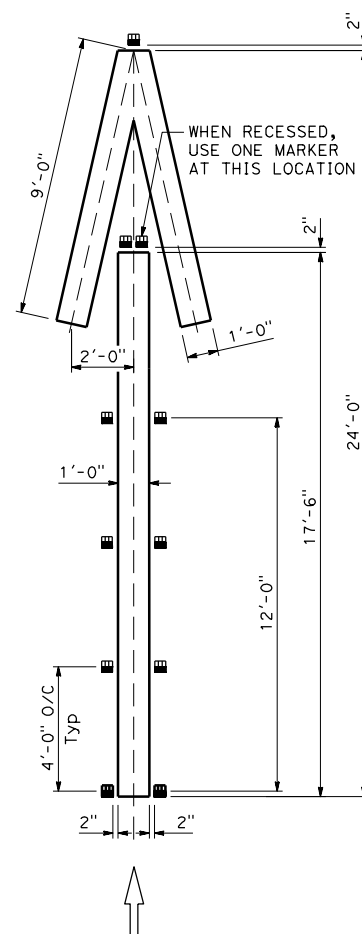
STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS YIELD LINES, LIMIT LINES, AND WRONG WAY DETAILS

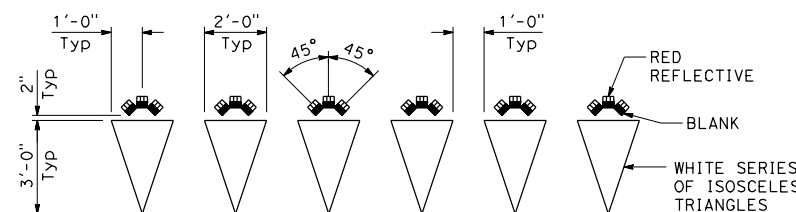
NO SCALE

RSP A24G DATED OCTOBER 21, 2022 SUPERSEDES STANDARD PLAN A24G
DATED AUGUST 1, 2022 - PAGE 25 OF THE STANDARD PLANS BOOK DATED 2022.

REVISED STANDARD PLAN RSP A24G

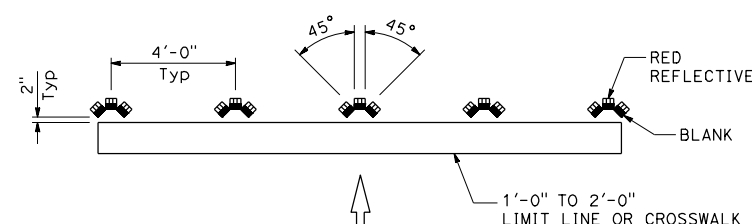


TYPE I ARROW AT EXIT RAMP



YIELD LINE AT EXIT RAMP

(Markers are not recessed)

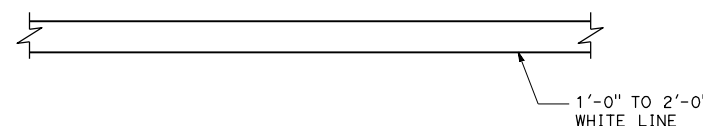


LIMIT LINE (STOP LINE) AT EXIT RAMP

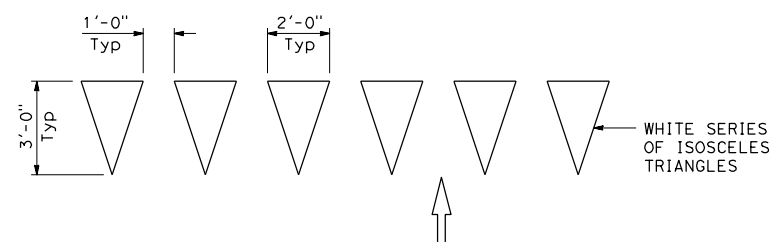
(Markers are not recessed)

NOTE:

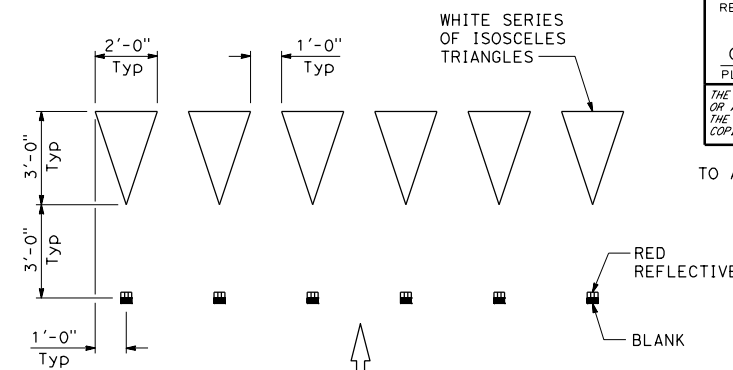
- If there is crosswalk at the end of the exit ramp, place Type R markers in front of the first line for wrong way vehicle that travels up the ramp with the red reflective side facing the intersection.



LIMIT LINE (STOP LINE)

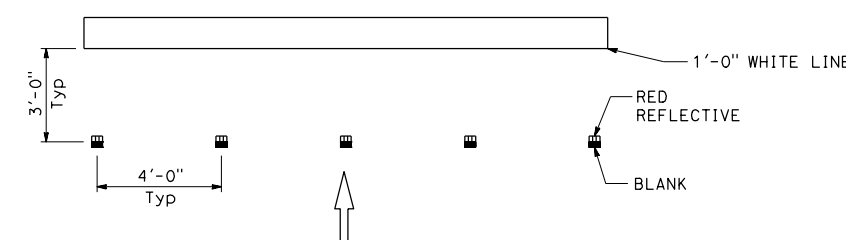


YIELD LINE



YIELD LINE AT EXIT RAMP

(Markers are recessed)



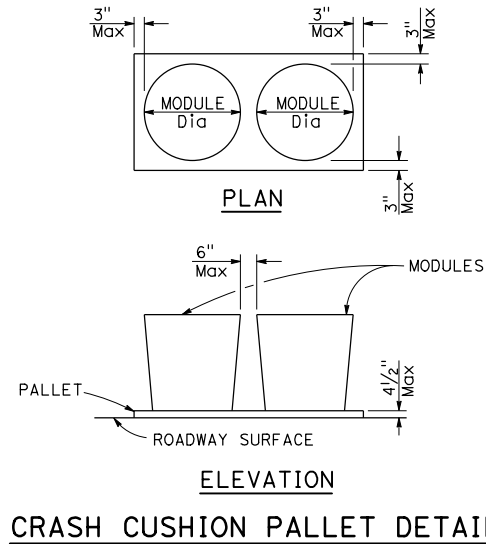
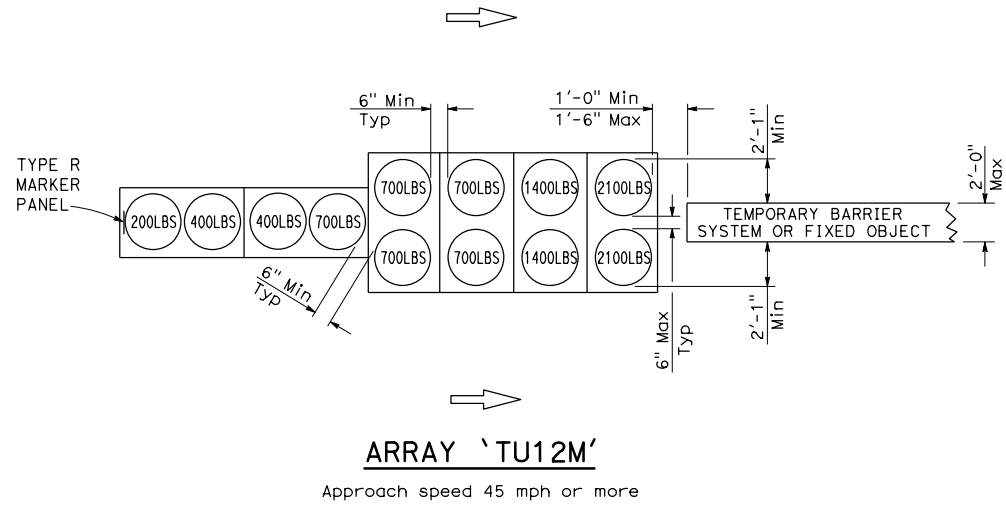
LIMIT LINE (STOP LINE) AT EXIT RAMP

(Markers are recessed)

2022 REVISED STANDARD PLAN RSP A24G

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	33,150	11.20/11.96	22	25
<div>Mark Ballentine REGISTERED CIVIL ENGINEER</div> <div>October 21, 2022 PLANS APPROVAL DATE</div> <div>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</div> <div>REGISTERED PROFESSIONAL ENGINEER Mark Ballentine No. C64101 Exp. 09-30-24 CIVIL STATE OF CALIFORNIA</div>					

TO ACCOMPANY PLANS DATED _____



CRASH CUSHION PALLET DETAIL

NOTES:

1. (XXX) Indicates sand filled module location and weight of sand in pounds for each module. Module spacing is based on the greater diameter of the module.
2. All sand weights are nominal. Sand must contain no more than 7 percent water.
3. Refer to Standard Plan A73B for marker details.
4. Approach speeds indicated conform to MASH criteria.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
**TEMPORARY CRASH CUSHION,
SAND FILLED
(UNIDIRECTIONAL)**
NO SCALE

RSP T1A DATED OCTOBER 21, 2022 SUPERSEDES STANDARD PLAN T1A
DATED AUGUST 1, 2022 - PAGE 300 OF THE STANDARD PLANS BOOK DATED 2022.

REVISED STANDARD PLAN RSP T1A

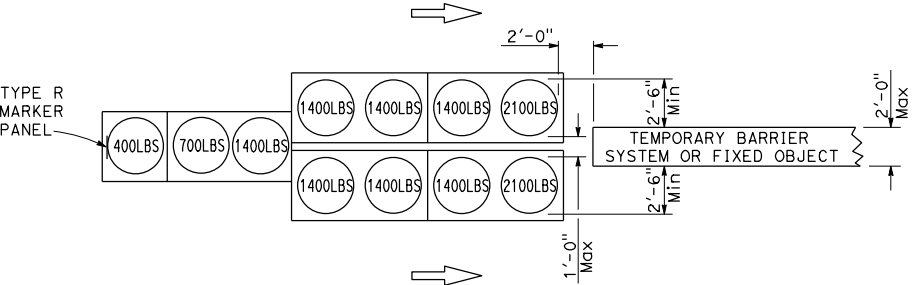
2022 REVISED STANDARD PLAN RSP T1A

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	33,150	11.20/11.96	23	25
<div>Mark Ballentine REGISTERED CIVIL ENGINEER</div> <div>October 21, 2022 PLANS APPROVAL DATE</div> <div>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</div> <div><div>REGISTERED PROFESSIONAL ENGINEER</div><div>Mark Ballentine No. C64101 Exp. 09-30-24 CIVIL STATE OF CALIFORNIA</div></div>					

TO ACCOMPANY PLANS DATED _____

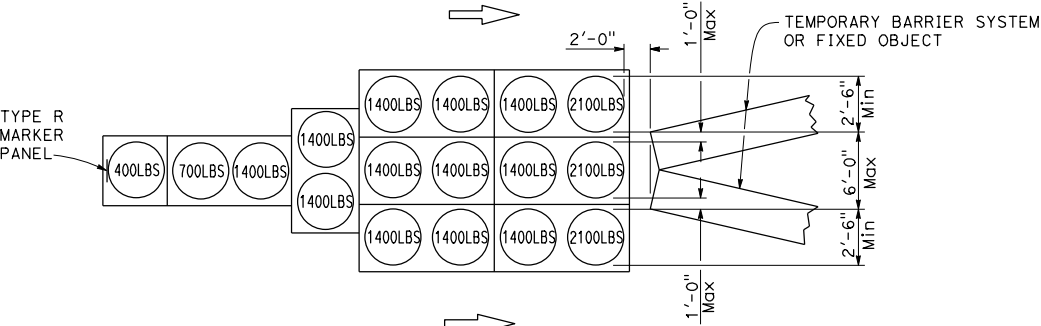
NOTES:

1. (XXX) Indicates sand filled module location and weight of sand in pounds for each module. Module spacing is based on the greater diameter of the module.
2. All sand weights are nominal. Sand must contain no more than 7 percent water.
3. Refer to Standard Plan A73B for marker details.
4. Approach speeds indicated conform to NCHRP Report 350 criteria.



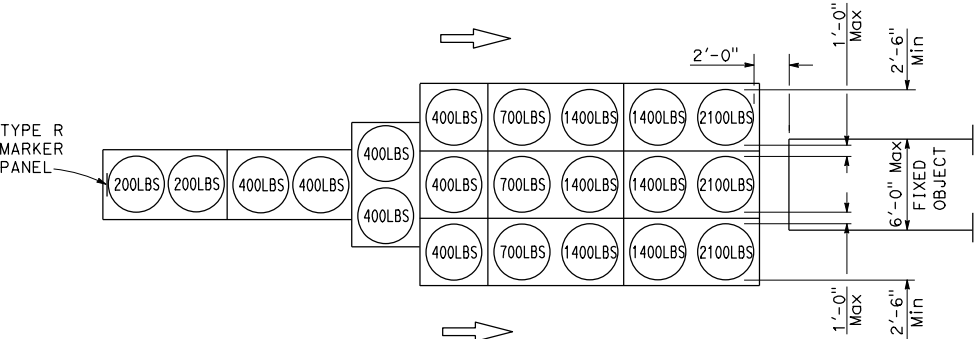
ARRAY 'TU11'

Approach speed less than 45 mph



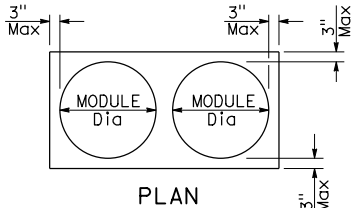
ARRAY 'TU17'

Approach speed less than 45 mph

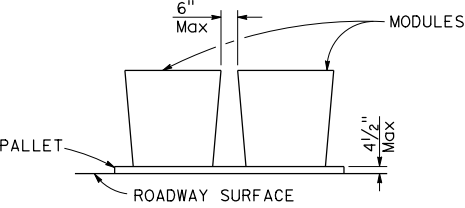


ARRAY 'TU21'

Approach speed 45 mph or more



PLAN



ELEVATION

CRASH CUSHION PALLET DETAIL

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
**TEMPORARY CRASH CUSHION,
SAND FILLED
(UNIDIRECTIONAL)**
NO SCALE

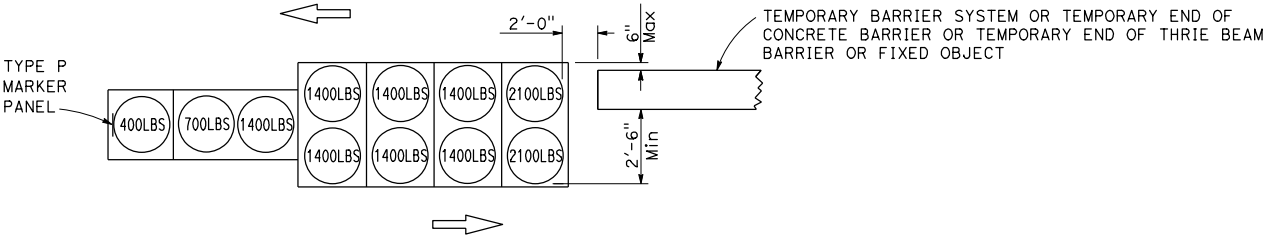
RSP T1A1 DATED OCTOBER 21, 2022 SUPPLEMENTS THE STANDARD PLANS BOOK DATED 2022.

REVISED STANDARD PLAN RSP T1A1

2022 REVISED STANDARD PLAN RSP T1A1

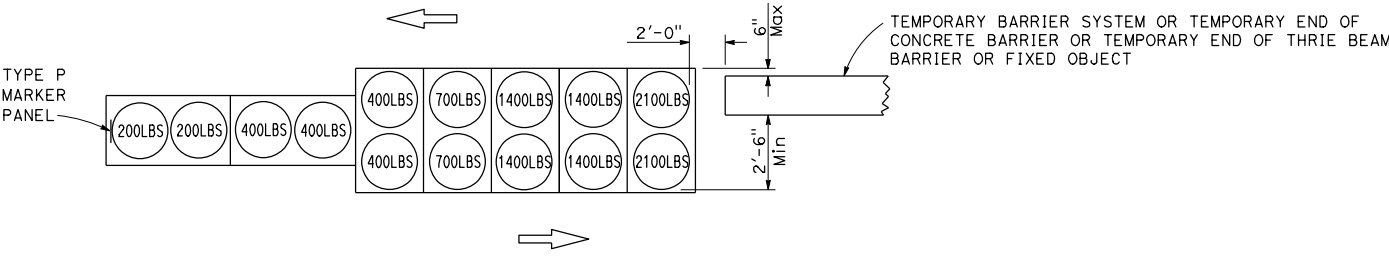
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	33,150	11.20/11.96	24	25
<div>Mark Ballentine REGISTERED CIVIL ENGINEER</div> <div>October 21, 2022 PLANS APPROVAL DATE</div> <div>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</div> <div>REGISTERED PROFESSIONAL ENGINEER Mark Ballentine No. C64101 Exp. 09-30-24 CIVIL STATE OF CALIFORNIA</div>					

TO ACCOMPANY PLANS DATED _____



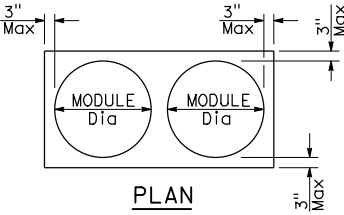
ARRAY 'TB11'

Approach speed less than 45 mph

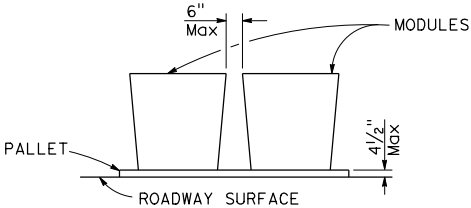


ARRAY 'TB14'

Approach speed 45 mph or more



PLAN



ELEVATION

CRASH CUSHION PALLET DETAIL

NOTES:

1. (xxx) Indicates sand filled module location and weight of sand in pounds for each module. Module spacing is based on the greater diameter of the modules.
2. All sand weights are nominal. Sand must contain no more than 7 percent water.
3. Refer to Standard Plan A73B for marker details.
4. Approach speeds indicated conform to NCHRP Report 350 criteria.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

**TEMPORARY CRASH CUSHION,
SAND FILLED
(BIDIRECTIONAL)**

NO SCALE

RSP T1B DATED OCTOBER 21, 2022 SUPERSEDES STANDARD PLAN T1B
DATED AUGUST 1, 2022 - PAGE 301 OF THE STANDARD PLANS BOOK DATED 2022.

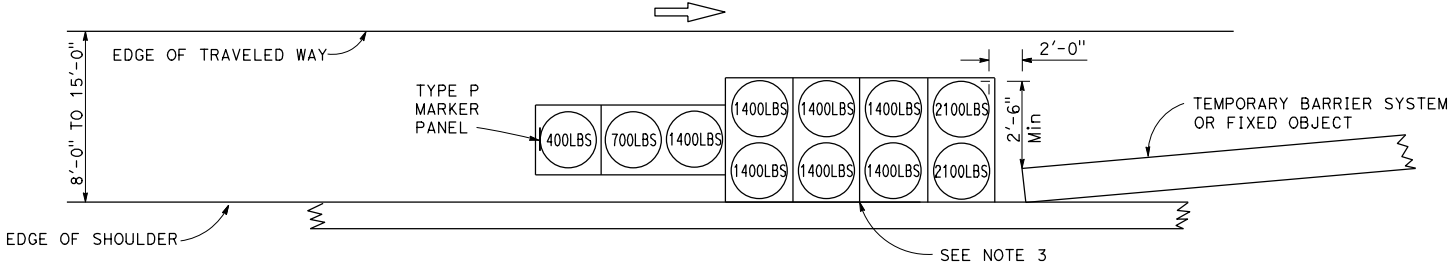
REVISED STANDARD PLAN RSP T1B

2022 REVISED STANDARD PLAN RSP T1B

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	33,150	11.20/11.96	25	25
<div>Mark Ballentine REGISTERED CIVIL ENGINEER</div> <div>October 21, 2022 PLANS APPROVAL DATE</div> <div>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</div> <div><div>REGISTERED PROFESSIONAL ENGINEER</div><div>Mark Ballentine No. C64101 Exp. 09-30-24 CIVIL STATE OF CALIFORNIA</div></div>					

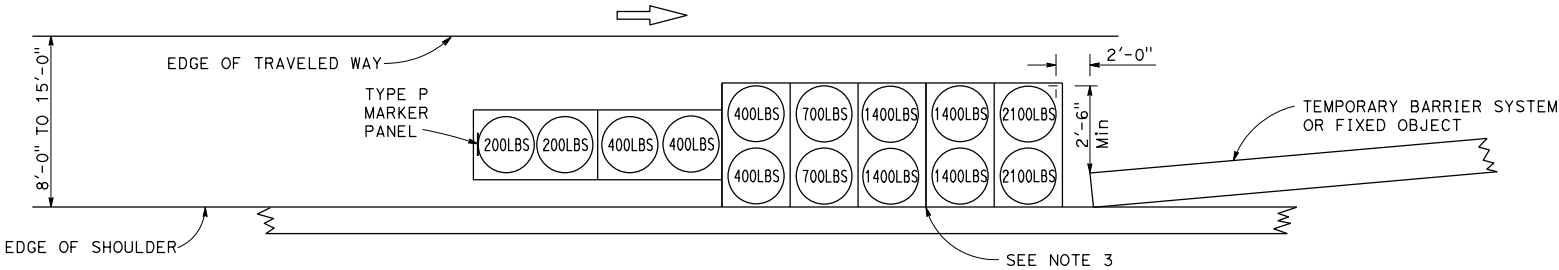
TO ACCOMPANY PLANS DATED _____

2022 REVISED STANDARD PLAN RSP T2



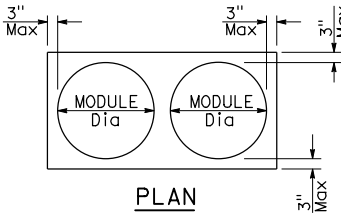
ARRAY 'TS11'

Approach speed less than 45 mph,
See Note 6

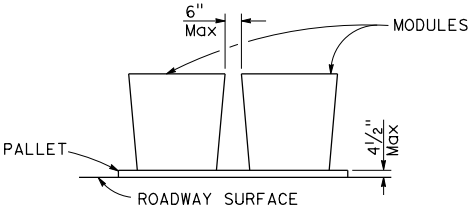


ARRAY 'TS14'

Approach speed 45 mph or more,
See Note 6



PLAN



ELEVATION

CRASH CUSHION PALLET DETAIL

NOTES:

1. (xxx) Indicates sand filled module location and weight of sand in pounds for each module. Module spacing is based on the greater diameter of the module.
2. All sand weights are nominal. Sand must contain no more than 7 percent water.
3. The temporary crash cushion arrays shown on this plan shall be used only in locations where there will be traffic on one side of the temporary crash cushion array.
4. Arrays for median shoulders shall conform to details shown on this plan for outside shoulders.
5. Refer to Standard Plan A73B for marker details.
6. For shoulder widths less than 8'-0", appropriate approved crash cushion protection, other than sand filled modules, shall be provided at fixed objects and at approach ends of temporary railing. The specific type of crash cushion shall be as shown on the project plans or as specified in the Special Provisions, or if not shown on the project plans or specified in the Special Provisions, shall be as approved by the Engineer.
7. Approach speeds indicated conform to NCHRP Report 350 criteria.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

**TEMPORARY CRASH CUSHION,
SAND FILLED
(SHOULDER INSTALLATIONS)**

NO SCALE

RSP T2 DATED OCTOBER 21, 2022 SUPERSEDES STANDARD PLAN T2
DATED AUGUST 1, 2022 - PAGE 302 OF THE STANDARD PLANS BOOK DATED 2022.

REVISED STANDARD PLAN RSP T2