



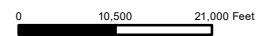
Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community



Ventura County, California
 Resource Management Agency
 GIS Development & Mapping Services
 Map created on 06-08-2021



County of Ventura
 Planning Director Hearing
 PL20-0134
 Exhibit 2 - Land Use Maps



Disclaimer: This Map was created by the Ventura County Resource Management Agency, Mapping Services - GIS which is designed and operated solely for the convenience of the County and related public agencies. The County does not warrant the accuracy of this map nor a decision involving a risk of economic loss or physical injury should be made in reliance thereon.





Ventura County
 Resource Management Agency
 Information Systems GIS Services
 Map created on 06-08-2021
 Source: Pictometry: 2018



**County of Ventura
 Planning Director Hearing
 PL20-0134
 Aerial Photography**




Disclaimer: this map was created by the Ventura County Resource Management Agency Information Systems GIS, which is designed and operated solely for the convenience of the County and related public agencies. The County does not warrant the accuracy of this map and no decision involving a risk of economic loss or physical injury should be made in reliance therein








site

Project: PL20-0134

 **APN: PROJECT SITE**

 **Area Plans**

 **General Plan**

 **Zoning**



Ventura County
Resource Management Agency
Information Systems GIS Services
Map created on 06-08-2021
Source: Pictometry: 2018



**County of Ventura
Planning Director Hearing
General Plan & Zoning Map
PL20-0134**



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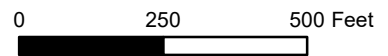
Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), Swisstopo, © OpenStreetMap contributors, and the GIS User Community, Copyright: © 2013 National Geographic Society, i-cubed



County of Ventura
 Resource Management Agency
 GIS Development & Mapping Services
 Map created on 06-08-2021
 Source: Pitav Point U.S.G.S.
 7.5 Minutes Quadrangle
 Contour Interval = 20 ft



**County of Ventura
 Planning Director Hearing
 PL20-0134
 Topo Map**



Disclaimer: This Map was created by the Ventura County Resource Management Agency, Mapping Services - GIS which is designed and operated solely for the convenience of the County and related public agencies. The County does not warrant the accuracy of this map and no decision involving a risk of economic loss or physical injury should be made in reliance thereon.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	Ven	1	28.2		



STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
**PROJECT PLANS FOR CONSTRUCTION ON
STATE HIGHWAY
IN VENTURA COUNTY
ON ROUTE 1 AT WILLOW CREEK BRIDGE**

INDEX OF PLANS

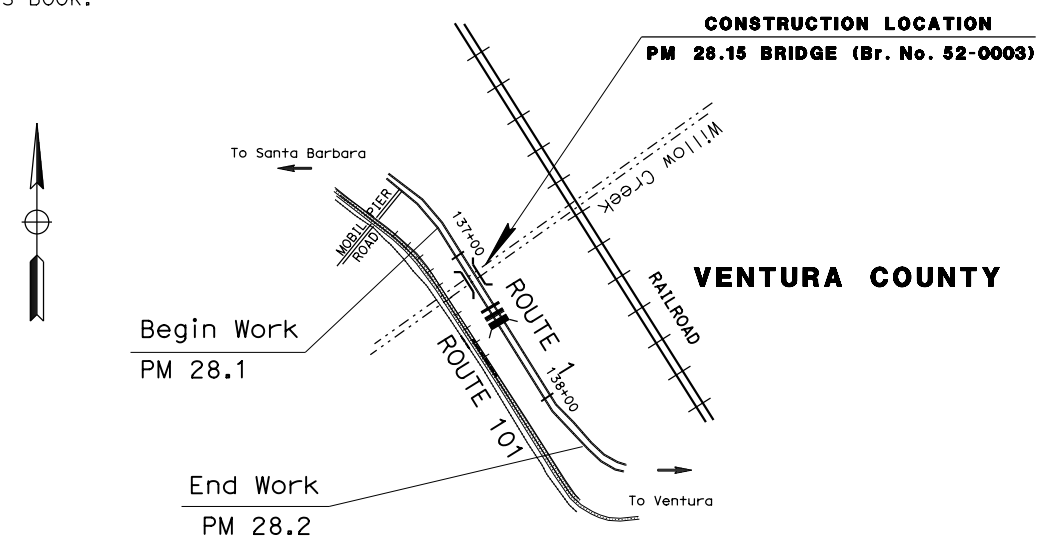
SHEET No.	DESCRIPTION
1	TITLE AND LOCATION MAP
2-4	LAYOUTS
5-6	UTILITY PLAN
7	CONSTRUCTION AREA SIGNS
8-17	STAGE CONSTRUCTION PLANS
18	SUMMARY OF QUANTITIES
19-22	TEMPORARY SIGNAL SYSTEMS
23-29	WIDEN BRIDGE 52-0003 WILLOW CREEK

REVISED STANDARD PLANS

NOTES:

THE STANDARD PLANS LIST APPLICABLE TO THIS CONTRACT IS INCLUDED TO BIDDERS IN THE SPECIAL PROVISIONS BOOK.

TO BE SUPPLEMENTED BY STANDARD PLANS DATED 2018



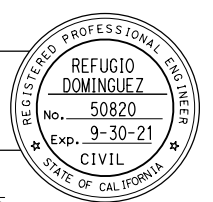
PROJECT MANAGER
JOSEPH KIBE

DESIGN MANAGER
REFUGIO DOMINGUEZ

County of Ventura
Planning Director Hearing
PL20-0134
Exhibit 3 - Project Plans

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

PROJECT ENGINEER _____ DATE _____
REGISTERED CIVIL ENGINEER



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.

CONTRACT No.	07-2965U4
PROJECT ID	0713000099

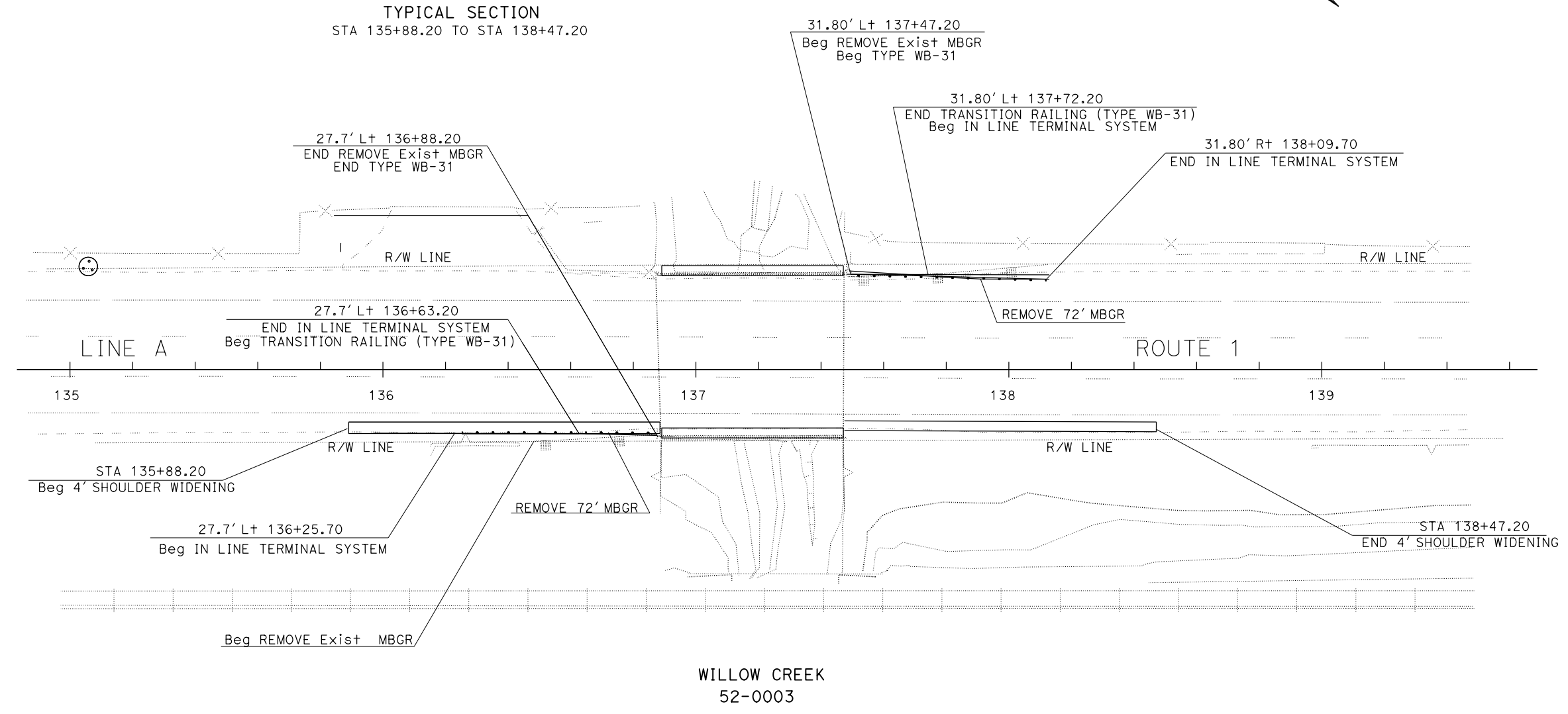
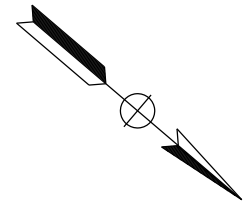
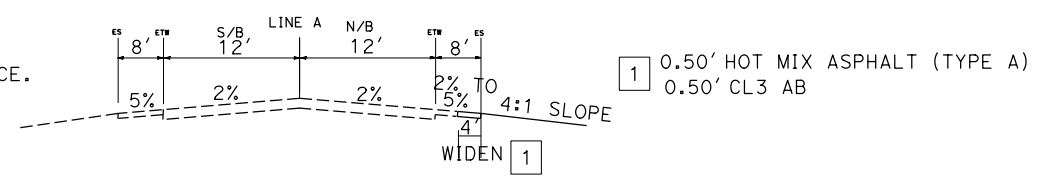
DATE PLOTTED => 14-APR-2021
TIME PLOTTED => 15:05
LAST REVISION
07-20-18

Dist	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA/Ven	1,33	Var		

<i>Refugio Dominguez</i>		REGISTERED CIVIL ENGINEER	DATE
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.

NOTE:
FOR COMPLETE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING, AT THE DISTRICT OFFICE.



WILLOW CREEK
52-0003

LAYOUT PLAN
SCALE: 1"=20'
L-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans OFFICE OF DESIGN C

FUNCTIONAL SUPERVISOR
REFUGIO DOMINGUEZ

CALCULATED-DESIGNED BY
CHECKED BY

MOHAMMAD MOHSENZADEH
ANTHONY HUGHES

REVISED BY
DATE REVISED

NOTES:

1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

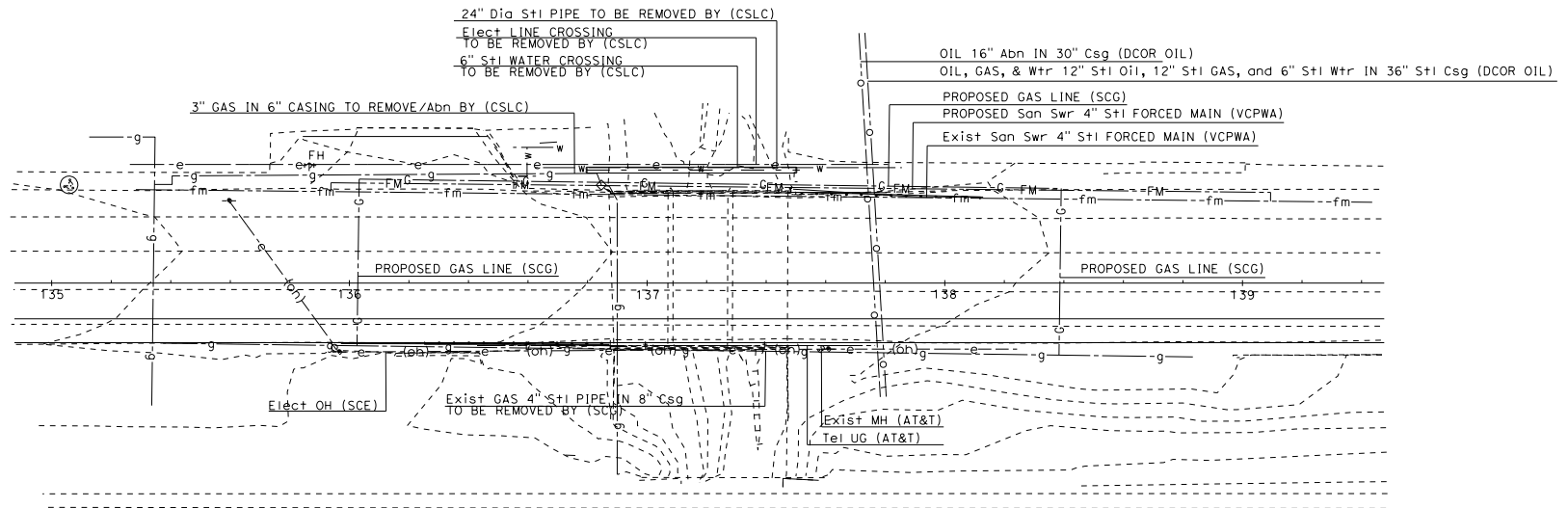
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	VEN	33	1 28.15 15.02 & 16.13		

Richard Lizardi 11/20/20
REGISTERED CIVIL ENGINEER DATE

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
RICHARD LIZARDI
No. C53407
Exp. 6/30/21
CIVIL
STATE OF CALIFORNIA

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.



Br No. 52-0003
WILLOW CREEK
52-0003

County of Ventura
Planning Director Hearing
PL20-0134
Exhibit 3 - Project Plans

THIS PLAN TO BE USED FOR UTILITY INFORMATION ONLY

UTILITY PLAN
SCALE: 1"=20'
U-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Stantec UTILITY ENGINEERING

FUNCTIONAL SUPERVISOR
MIN KIM

CALCULATED-DESIGNED BY
CHECKED BY

REFUGIO DOMINGUEZ
RICHARD LIZARDI

REVISED BY
DATE REVISED

LAST REVISION DATE PLOTTED => 3/2/2021 00-00-00 TIME PLOTTED => 5:59:36 PM

NOTES:

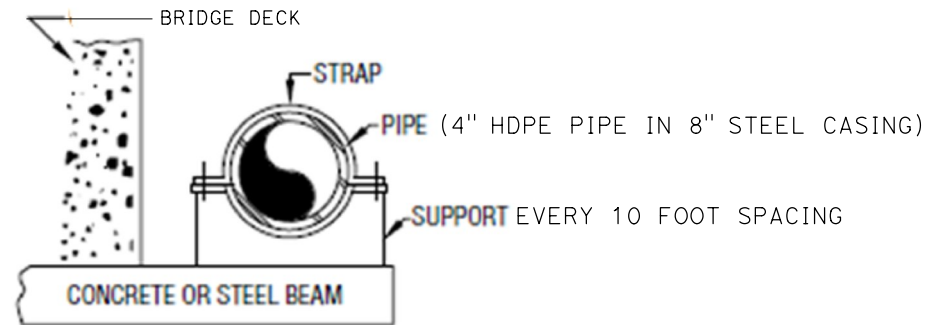
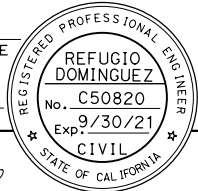
1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
07	VEN	133	28.15 15.82 & 16.13		

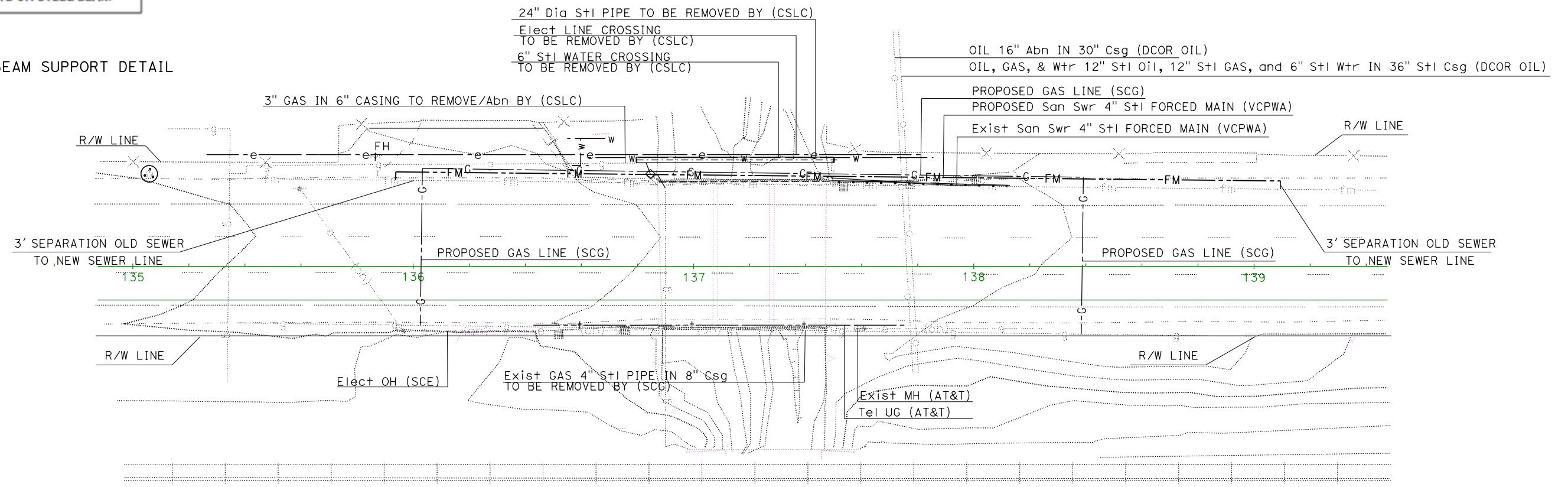
REGISTERED CIVIL ENGINEER DATE _____

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.



BEAM SUPPORT DETAIL



SEWER LINE DETAILS

Br No. 52-0083
WILLOW CREEK
52-0003

SEWER RELOCATION PLAN

- Carrier: 4" HDPE PE4710 DR-11
- Casing: 8" low carbon steel A53 GR B 0.322" thick Epoxy coated or approved equal
 - Every 10 ft interval, provide 2" NPT plugged ports; at 2:00, 6:00, and 10:00 positions (as viewed from casing crossing section) for fill/drain
- Total pipe weight = Casing + Carrier Liquid Full = 28.6 + 25.2 = 54 lb/ft
- Stainless Steel centered & restrained casing spacers (8" wide) with UHMW Polyethylene runners. Cascade Waterworks or approved equal.
 - 5 ft spacing intervals
- Flanged Flex-Tend expansion joint on each end of bridge
 - To protect from HDPE thermal expansion and seismic
- Pipe support spacing:
 - Behind each carrier pipe connection joint
 - At every 10 ft casing interval (i.e. 2 supports per 20 ft pipe length)
- Casing ends sealed using EPDM seamless slip-on style boot seal
 - Use stainless steel worm-screw style band clamps
 - For support install, would it be possible to support the line

THIS PLAN TO BE USED FOR UTILITY INFORMATION ONLY

UTILITY PLAN
SCALE: 1"=20'
U-2

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Utahans UTILITY ENGINEERING

FUNCTIONAL SUPERVISOR
KHAN HOSSAIN

CALCULATED-DESIGNED BY
CHECKED BY

REVISED BY
DATE REVISED

REFUGIO DOMINGUEZ
RICHARD LIZARDI

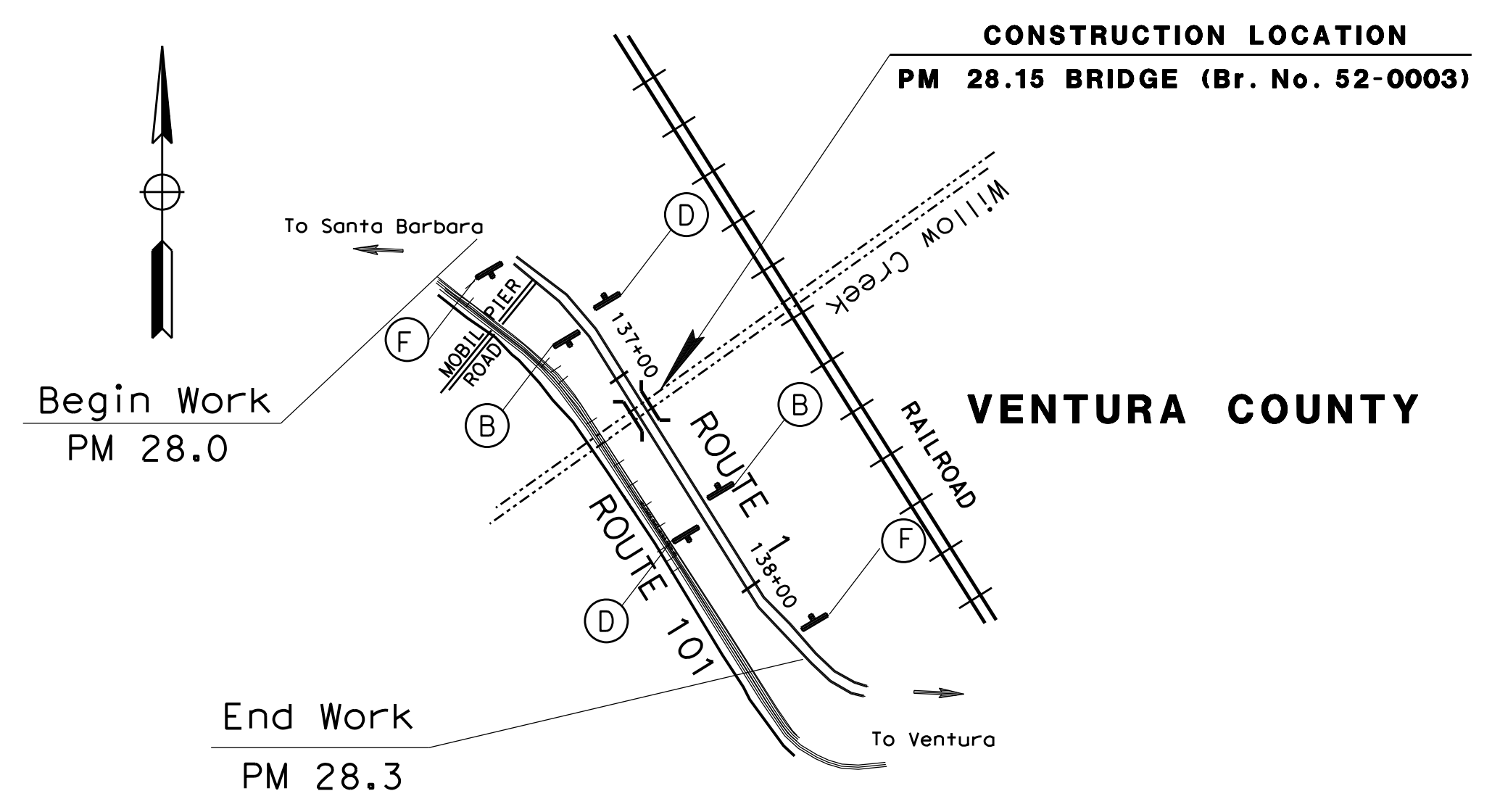
LAST REVISION DATE PLOTTED => 12-APR-2021

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	Ven	33	28.2 15.8,16.1		

Refugio Dominguez X-XX-XX
 REGISTERED CIVIL ENGINEER DATE
 X-XX-XX
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
REFUGIO DOMINGUEZ
 No. C50820
 Exp. 9-30-21
 CIVIL
 STATE OF CALIFORNIA

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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
DESIGN
 FUNCTIONAL SUPERVISOR
 KHAN HOSSAIN
 MOHAMMAD MOHSEENZADEH
 REFUGIO DOMINGUEZ
 REVISOR BY
 DATE REVISOR
 CALCULATED/DESIGNED BY
 CHECKED BY
 USERNAME => \$USER
 DGN FILE => \$REQUEST
 BORDER LAST REVISED 7/2/2010

STATIONARY MOUNTED CONSTRUCTION AREA SIGNS

SIGN No. (X)	SIGN CODE		PANEL SIZE	SIGN MESSAGE	NUMBER OF POSTS AND SIZE	NUMBER OF SIGNS
	FEDERAL	CALIFORNIA				
A	C23		36" x 36"	ROAD WORK AHEAD	1 - 4" x 4"	2
B	C23		48" x 48"	ROAD WORK AHEAD	1 - 4" x 6"	2
C	G20-2		38" x 18"	END ROAD WORK	1 - 4" x 4"	2
D	G20-2		48" x 24"	END ROAD WORK	1 - 4" x 6"	2
E		C40	48" x 48"	TRAFFIC FINES DOUBLED IN CONSTRUCTION ZONE	2 - 4" x 6"	2
F		C40	144" x 60"	TRAFFIC FINES DOUBLED IN CONSTRUCTION ZONE	2 - 6" x 6"	2

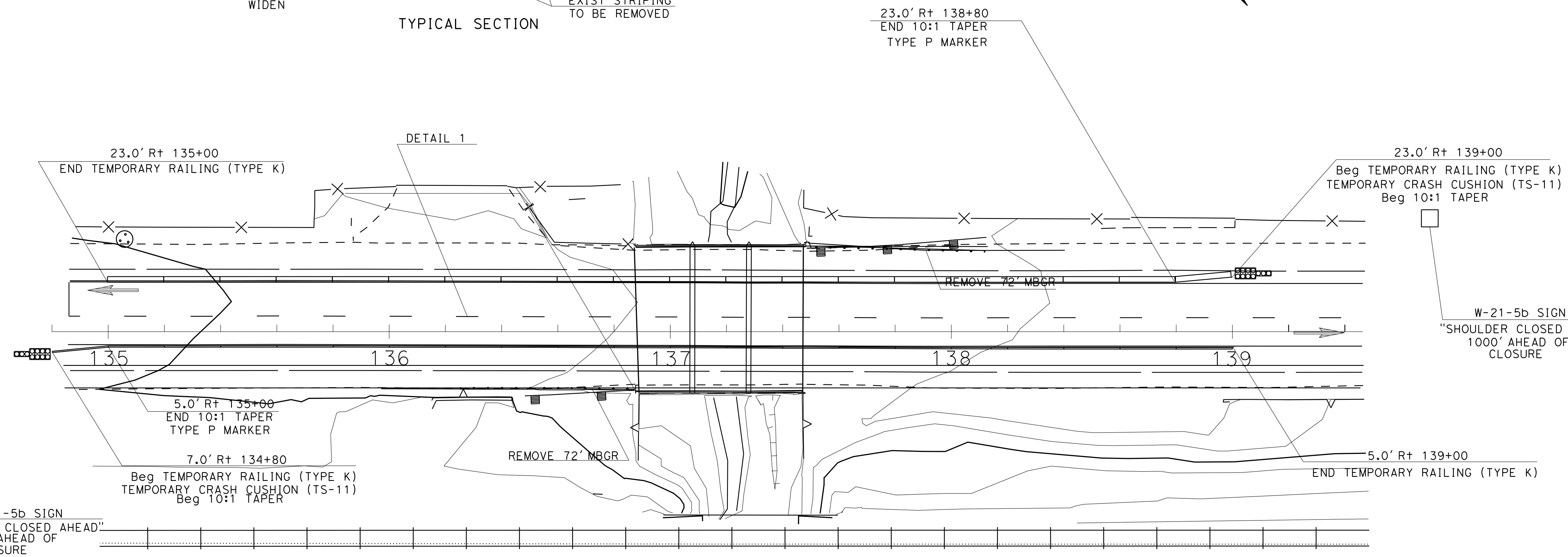
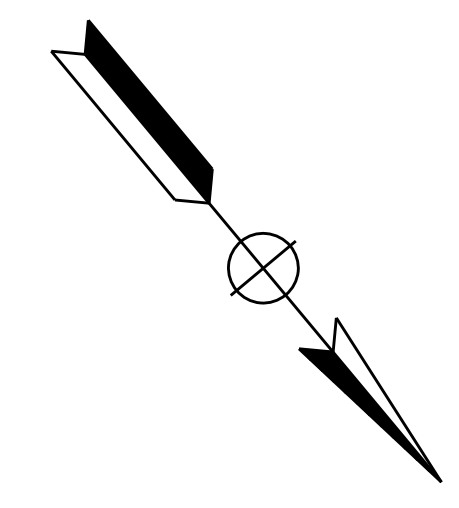
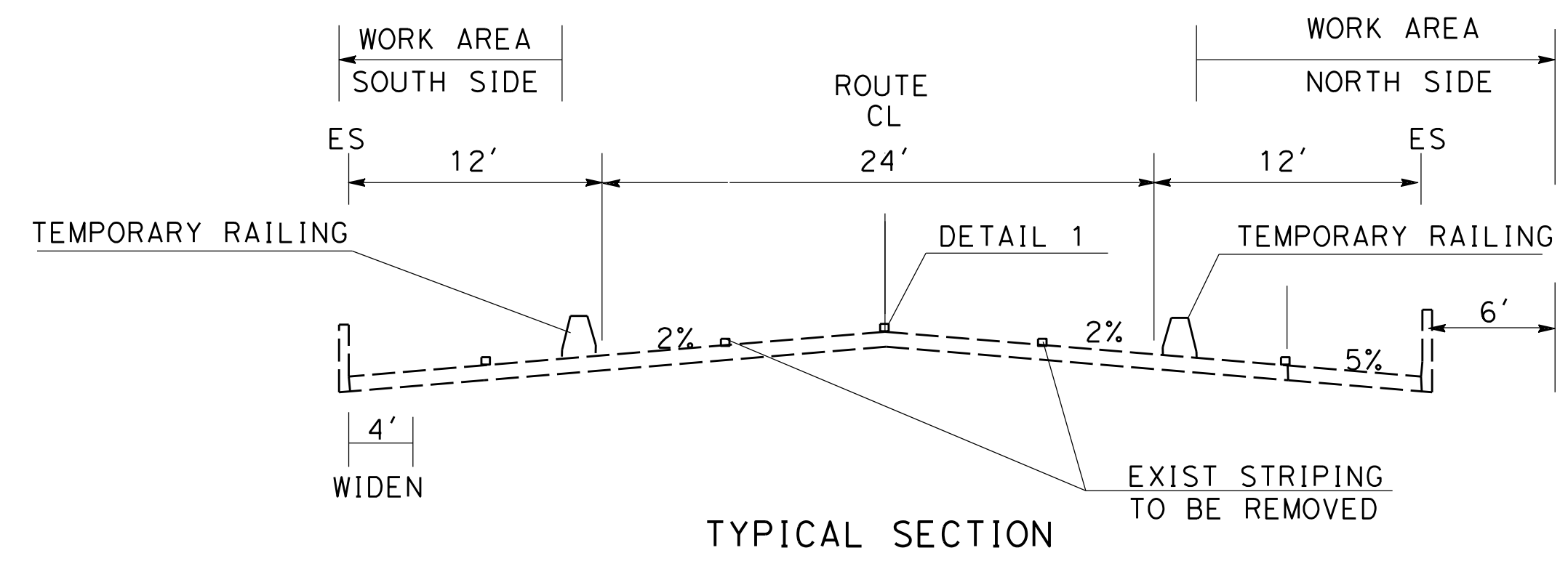
- NOTES:**
- SIGN LOCATIONS SHOWN ARE APPROXIMATE. EXACT LOCATIONS WILL BE DETERMINED BY THE ENGINEER.
 - SIGNS SHALL BE REMOVED WHEN NO LONGER NEEDED.
 - FOR ADDITIONAL CONSTRUCTION AREA SIGNS, SEE TRAFFIC HANDLING PLAN.

APPROVED FOR CONSTRUCTION AREA SIGN WORK ONLY

CONSTRUCTION AREA SIGNS
NO SCALE **CS-1**

LAST REVISION DATE PLOTTED => \$DATE
 00-00-00 TIME PLOTTED => \$TIME

Dist	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	Ven	1,33	28.2 15.8,16.1		
REGISTERED CIVIL ENGINEER			DATE		
PLANS APPROVAL DATE					
<small>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.</small>					



WILLOW CREEK
52-0003

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN
SCALE: 1" = 20'

APPROVE FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING ONLY

TH-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans OFFICE OF DESIGN C

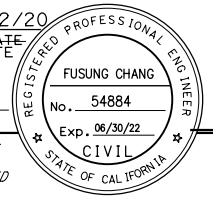
FUNCTIONAL SUPERVISOR
REFUGIO DOMINGUEZ

CALCULATED/DESIGNED BY
CHECKED BY

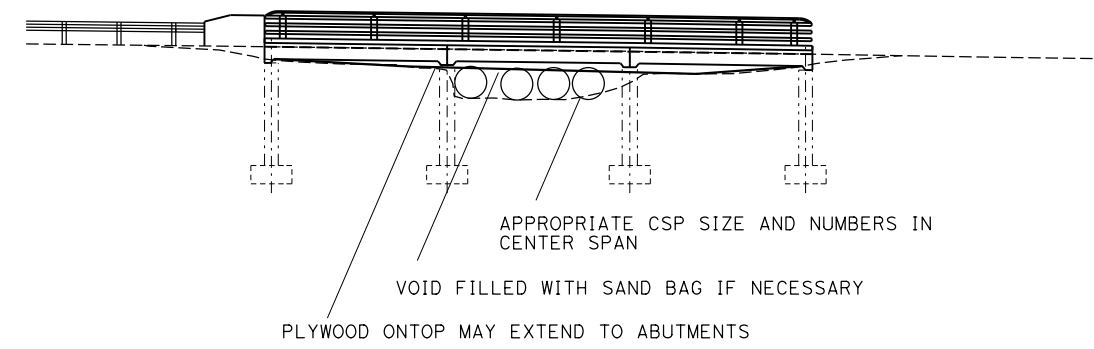
NGUYEN HUA
ANTHONY HUGHES

REVISOR BY
DATE REVISED

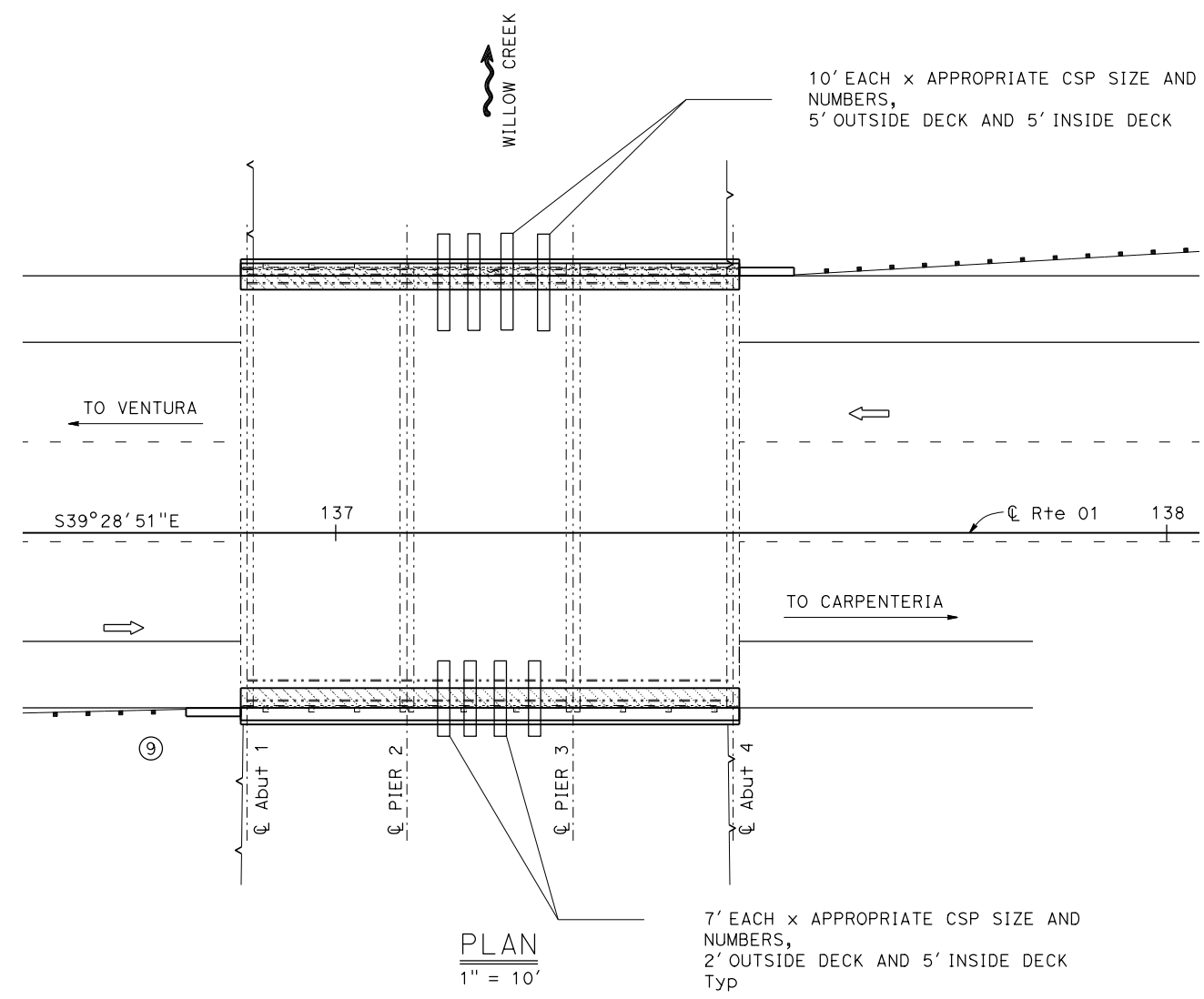
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	Ven	1,33			
			10/02/20	REGISTERED CIVIL ENGINEER DATE	
			10/02/20	REGISTERED CIVIL ENGINEER DATE	
			PLANS APPROVAL DATE		
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NOTE:
THE CONTRACTOR MUST VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.



ELEVATION
1" = 10'



PLAN
1" = 10'

**WILLOW CREEK BRIDGE (WIDEN)
WATER DIVERSION PLAN**

STAGE CONSTRUCTION DETAILS
SCALE 1" = 20'

SCD-5

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
FUNCTIONAL SUPERVISOR: WING Y. LEE
CALCULATED-DESIGNED BY: WING Y. LEE
CHECKED BY: WING Y. LEE
REVISED BY: FUSUNG CHANG
DATE REVISED: WING Y. LEE

FUNCTIONAL SUPERVISOR
 KHAN HOSSAIN

CALCULATED-DESIGNED BY
 CHECKED BY

ANTOINE NADER
 RICKY LEE

REVISED BY
 DATE REVISED

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	Ven	1,33	28.2 15.8/16.1		

Refugio Dominguez X-X-XX
 REGISTERED CIVIL ENGINEER DATE
 X-X-XX
 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.

ROADWAY QUANTITIES

SHEET No.	ROUTE	LINE DESIGNATION	STATION	DIRECTION	TEMPORARY RAILING (TYPE K)		REMOVE MBGR	TRANSITION RAILING (TYPE WB-31)		ALTERNATIVE IN LINE TERMINAL SYSTEM	HOT MIX ASPHALT (TYPE A)	CL3 AB (AGGREGATE BASE)	REMOVE CRASH CUSHION	CHANNELIZERS	ROADWAY EXCAVATION	TREATED WOOD WASTE	60" CORRUGATED METAL PIPE	TEMPORARY COVER	3/4" PLYWOOD *	TYPE P MARKER *	TEMPORARY SILT FENCE	
					LF	EA		LF	EA													EA
L-1	1	LINE A	135+88.20 TO 136+88.20	NB							27	5			10							
L-1	1	LINE A	136+25.70 TO 136+63.20	NB			72		1							650						
L-1	1	LINE A	136+63.20 TO 136+88.20	NB				1														
L-1	1	LINE A	137+47.20 TO 138+47.20	NB							27	5			10							
L-1	1	LINE A	137+47.20 TO 137+72.20	SB			72	1								650						
L-1	1	LINE A	137+72.20 TO 138+09.70	SB					1													
L-2	33	"VEN33_PM15-16"	119+84.10 TO 120+84.10	NB			38	1	1		27	5			12	342						
L-2	33	"VEN33_PM15-16"	120+26.97 TO 121+26.97	SB			78	1	1		27	5			12	711						
L-2	33	"VEN33_PM15-16"	122+56.92 TO 123+56.92	NB			79	1	1		27	5			12	711						
L-2	33	"VEN33_PM15-16"	123+26.00 TO 124+26.00	SB			66	1	1		27	5			12	600						
L-3	33	"VEN33_PM15-16"	136+20.00 TO 137+20.00	SB			13	1	1		27	5	1		12	117						
L-3	33	"VEN33_PM15-16"	136+31.10 TO 137+31.10	NB					1		27	5	1		12							
L-3	33	"VEN33_PM15-16"	137+75.74 TO 138+75.74	SB					1		27	5			12							
L-3	33	"VEN33_PM15-16"	138+00.00 TO 139+00.00	NB			64	1	1		27	5			12	680						
TH-1	1	LINE A		NB	400	22														1		
TH-1	1	LINE A		SB	400	22														1		
TH-2	33	"VEN33_PM15-16"		SB	440	22							10							2		
TH-3	33	"VEN33_PM15-16"		NB	440	22							10							2		
TH-4	33	"VEN33_PM15-16"		NB	380	22							10							2		
TH-5	33	"VEN33_PM15-16"		SB	440	22							10							2		
SCD-1	33	"VEN33_PM15-16"			80											92	50				100	
SCD-2	33	"VEN33_PM15-16"			100											122						
SCD-3	33	"VEN33_PM15-16"			77											134	50				100	
SCD-5	1	LINE A														80	50	600			100	
TOTAL							2557	132	482	10	10	270	50	2	40	116	4460	428	150	600	10	300

* NOTE: TYPE P MARKER NOT A PAY ITEM

SUMMARY OF QUANTITIES Q-1

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No	TOTAL SHEETS
7	VEN	1	28.15		

EXPEDITE

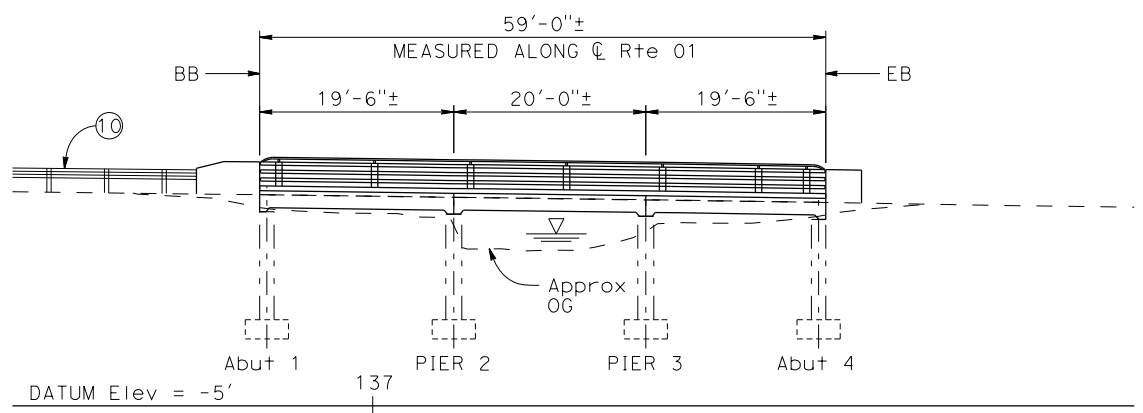
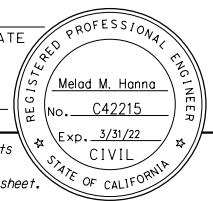
REGISTERED CIVIL ENGINEER DATE _____

PLANS APPROVAL DATE _____

The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

Caltrans District 7
100 S. Main St. Ste. 100
Los Angeles, CA 90012

AECOM
999 W. TOWN & COUNTRY RD.
ORANGE, CA 92868



ELEVATION

1" = 10'

SURVEY CONTROL

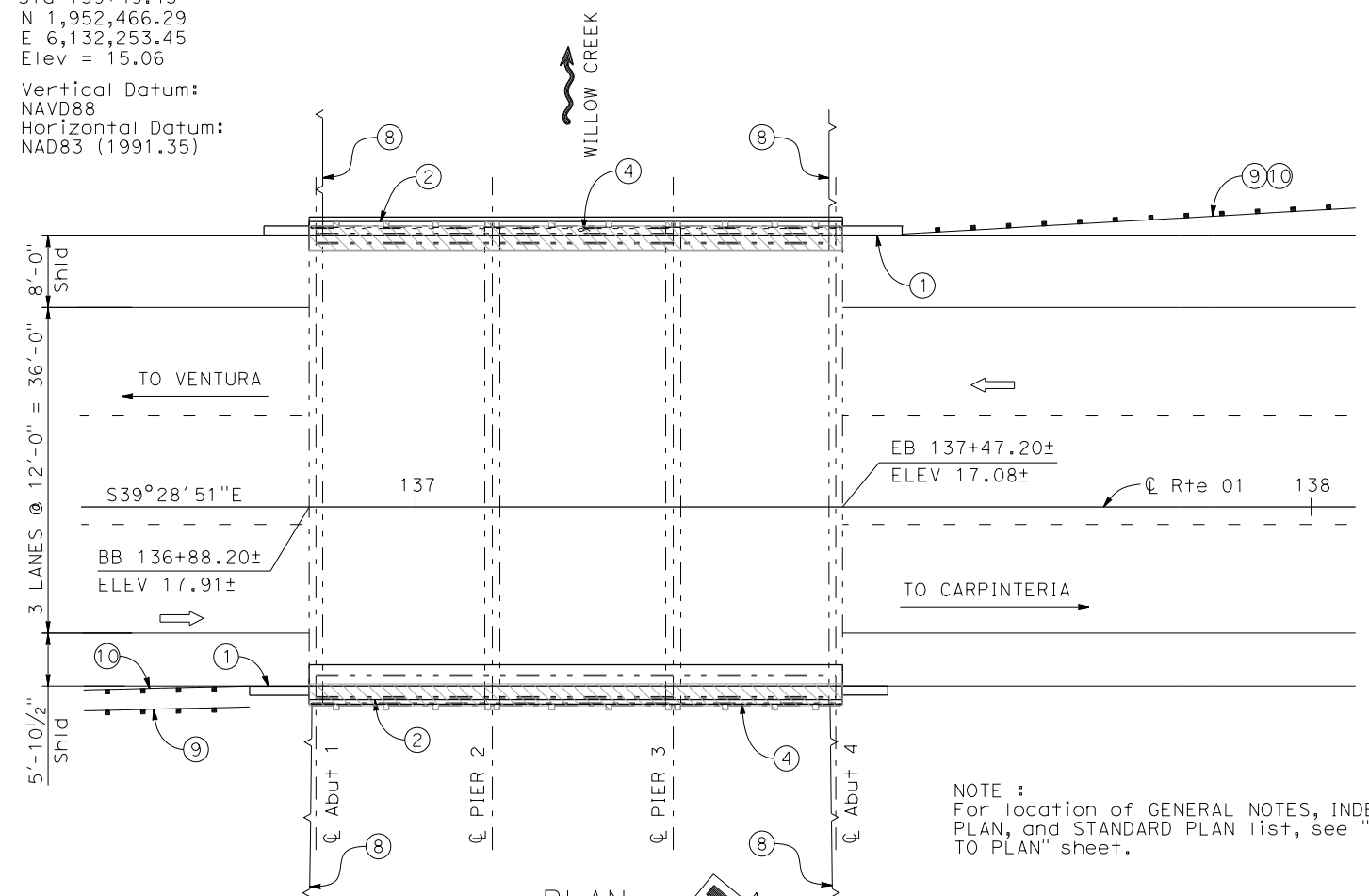
SUHV807
Fnd MAG NAIL FLUSH W/ AC
33.33' Lt "VEN1_PM27-28" LINE, Rte 1
Sta 137+12.86
N 1,952,267.21
E 6,132,383.86
Elev = 17.49

SUHV701 (NOT SHOWN)
Fnd MAG NAIL FLUSH W/ PAINTED MEDIAN
2.45' Lt "VEN1_PM27-28" LINE, Rte 1
Sta 139+49.43
N 1,952,466.29
E 6,132,253.45
Elev = 15.06

Vertical Datum:
NAVD88
Horizontal Datum:
NAD83 (1991.35)

LEGEND:

- Bridge Removal (portion)
- Existing Structure
- * Match Existing Grade and Cross-Slope
- For Water Surface Elevation, see "HYDROLOGIC SUMMARY" on "INDEX TO PLAN" sheet



PLAN

1" = 10'

NOTE:
THE CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.

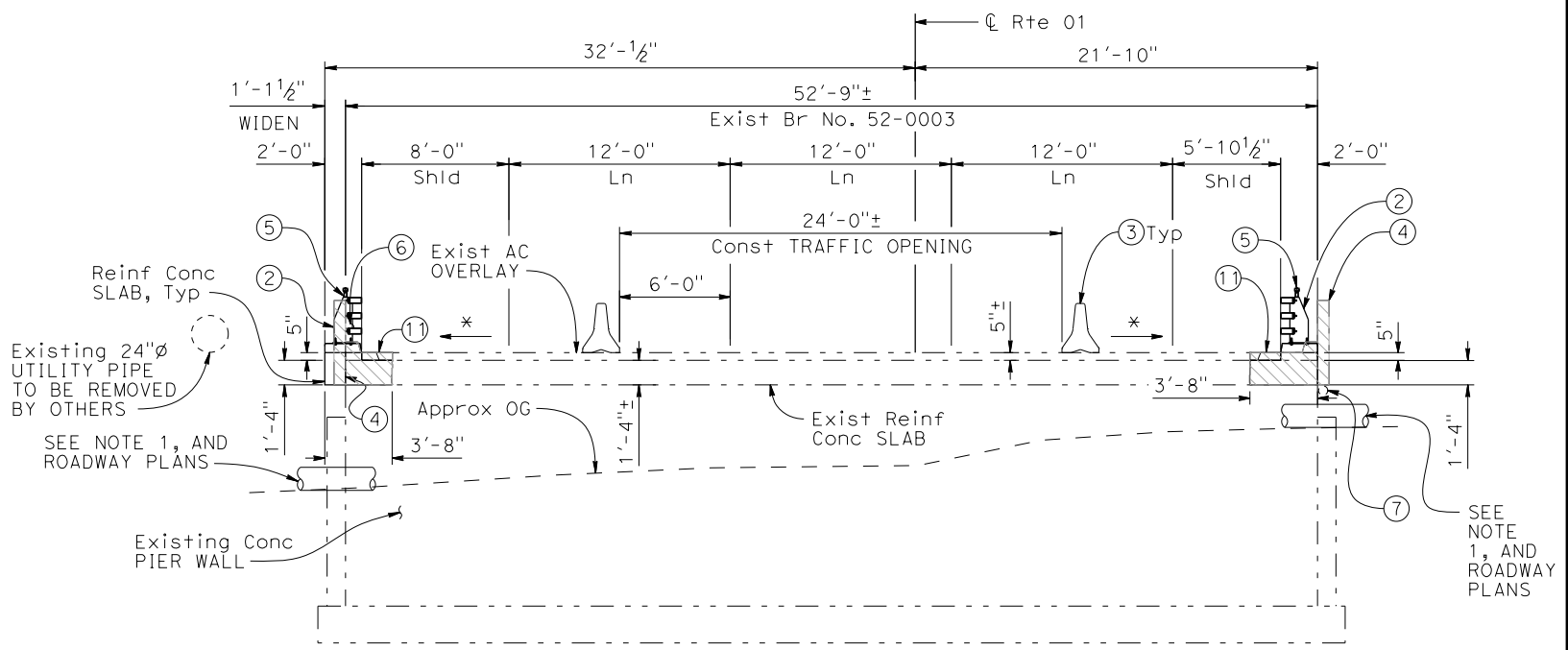
NOTE:
For location of GENERAL NOTES, INDEX TO PLAN, and STANDARD PLAN list, see "INDEX TO PLAN" sheet.

NOTES:

- ① Paint "WILLOW CREEK BRIDGE BRIDGE No. 52-0003 1927"
- ② California ST-75 Bridge Rail
- ③ Temporary Railing Type K, see ROADWAY PLANS
- ④ Remove existing Wood Railing, Concrete Curb and portion of Reinforced Concrete Slab
- ⑤ Tubular Bicycle Railing
- ⑥ Existing sewer line to be relocated, see ROADWAY PLANS and "INDEX TO PLANS" sheet
- ⑦ Existing gas line to be relocated, see ROADWAY PLANS and "INDEX TO PLANS" sheet
- ⑧ Existing Retaining Wall (remove portion), see "RETAINING WALL REMOVAL DETAIL" on "SLAB DETAILS" sheet
- ⑨ Remove existing MBGR, see ROADWAY PLANS
- ⑩ Midwest Guardrail System, see ROADWAY PLANS
- ⑪ AC Overlay

NOTES:

1. Access to the creek bed is restricted to foot traffic only. Debris collecting platform shall span the entire length of bridge and over the water diversion CMP pipe, it shall be designed by the contractor and approved by the Engineer. For limit of debris collecting platform and water diversion plan, see ROADWAY PLANS.



TYPICAL SECTION

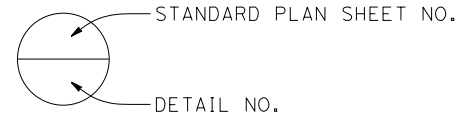
1" = 5'

DAWIT WORKU DESIGN OVERSIGHT -/-/- SIGN OFF DATE	DESIGN	BY M. HANNA	CHECKED S. HILL	LOAD & RESISTANCE FACTOR DESIGN	LIVE LOADING: HL93 W/"LOW-BOY"; PERMIT DESIGN VEHICLE	PREPARED FOR THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	BRIDGE NO.	WILLOW CREEK BRIDGE (WIDEN) GENERAL PLAN	
	DETAILS	BY K. MELGAR	CHECKED S. HILL	LAYOUT	BY K. MELGAR		CHECKED S. HILL		52-0003
	QUANTITIES	BY K. MELGAR	CHECKED Y. YUAN	SPECIFICATIONS	BY L. HIEL	PLANS AND SPECS COMPARED BY L. HIEL	POST MILES	28.15	
DESIGN GENERAL PLAN SHEET (ENGLISH) (REV.7/16/10)						ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	UNIT: PROJECT NUMBER & PHASE: 0719000049/1 CONTRACT NO.: 07-2965U1	REVISION DATES	SHEET 1 OF 7

USERNAME => Kevin.Melgar DATE PLOTTED => 3/29/2021 TIME PLOTTED => 3:41:10 PM

STANDARD PLANS 2018 EDITION

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)
A77U1	MIDWEST GUARDRAIL SYSTEM CONNECTIONS TO BRIDGE RAILINGS WITHOUT SIDEWALKS DETAILS No. 1
A77U2	MIDWEST GUARDRAIL SYSTEM CONNECTIONS TO BRIDGE RAILINGS WITHOUT SIDEWALKS DETAILS No. 2
T3A	TEMPORARY RAILING (TYPE K)



INDEX TO PLANS

SHEET No.	TITLE
1	GENERAL PLAN
2	INDEX TO PLAN
3	SLAB DETAILS
4	BRIDGE RAIL DETAILS No. 1
5	BRIDGE RAIL DETAILS No. 2
6	BRIDGE RAIL DETAILS No. 3
7	BRIDGE RAIL DETAILS No. 4

HYDROLOGIC SUMMARY

Drainage Area: 5.5 mi²

	Design Flood	Base Flood	Overtopping Flood/ Flood of Record
Frequency	100-yr	50-yr	500-yr/500-yr
Discharge	2043 cfs	1520 cfs	-
Water Surface Elevation at Bridge	15.1 ft	14.5 ft	-

Flood plain data are based upon information available when the plans were prepared and are shown to meet federal requirements. The accuracy of said information is not warranted by the State and interested or affected parties should make their own investigation.

SCOUR DATA TABLE

Support Location	Long Term (Degradation and Contraction) Scour Elevation (ft)	Short Term (Local) Scour Depth (ft)
Abut 1	13.1±	1.0
Pier 2	12.7±	4.8
Pier 3	12.4±	4.8
Abut 4	11.6±	1.0

NOTE:

(1) Elevation is based on the Existing Ground Elevation at proposed structure location (from survey data) minus the Degradation and Contraction scour.

(2) Abutment 4 elevation is based on the lowest channel elevation in Span 3.

GENERAL NOTES LOAD AND RESISTANCE FACTOR DESIGN

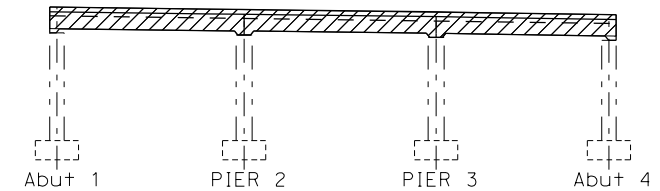
DESIGN: AASHTO LRFD Bridge Design Specifications, Eighth Edition 2017 with California Amendments Preface dated April 2019

DEAD LOAD: Includes 35 psf for future wearing surface

LIVE LOADING: HL93 and permit design load.

REINFORCED CONCRETE: New Construction
 $f_y = 60$ ksi
 $f'_c = 4$ ksi @ 28 days, unless noted otherwise
 $n = 8$

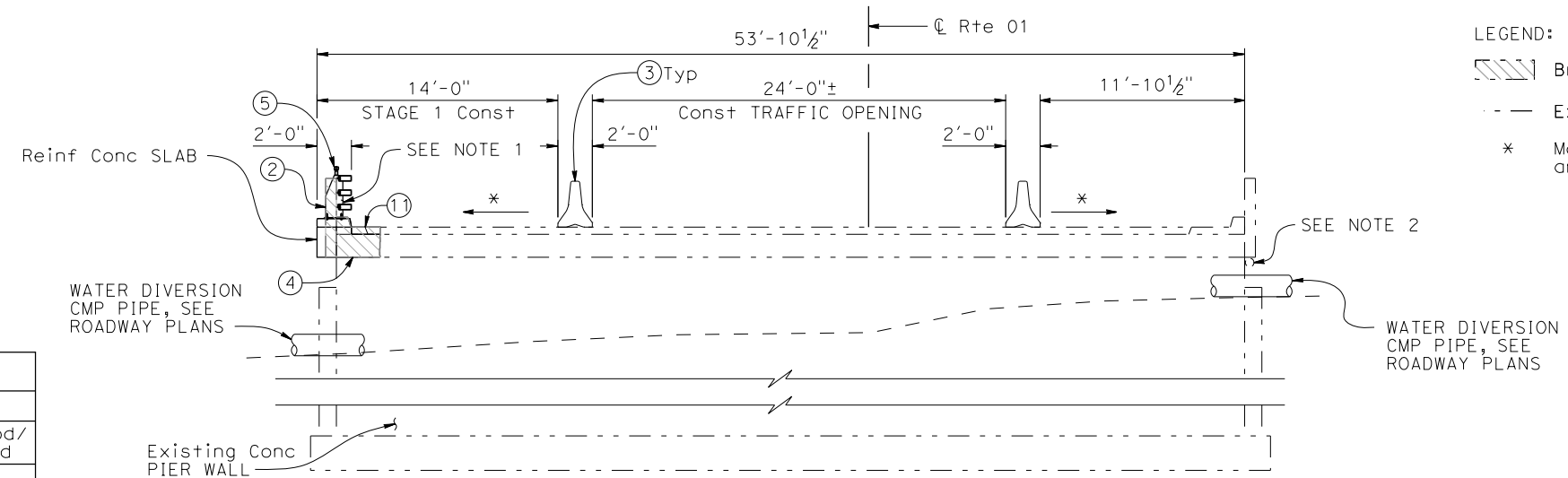
STEEL: Posts and plates- $f_y = 36$ ksi, Rails- $f_y = 46$ ksi,
 Anchor Bolts-Grade 55



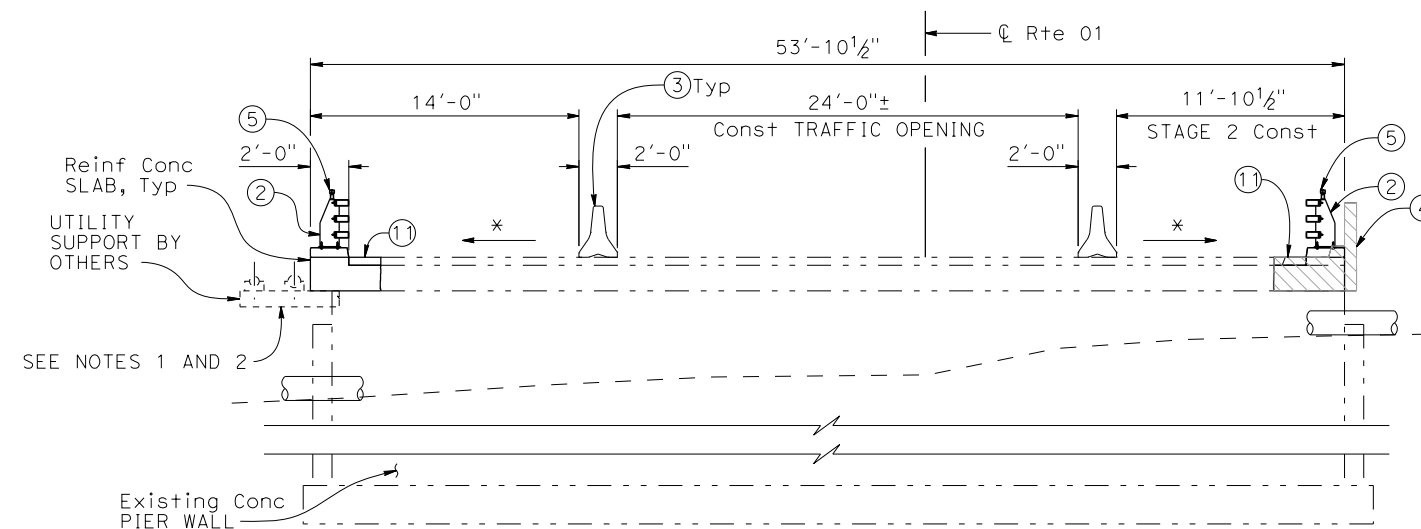
Structural Concrete, Bridge (Polymer Fiber)
 $(f'_c = 4.0$ ksi @ 28 days)

CONCRETE STRENGTH AND TYPE LIMITS

NO SCALE



STAGE 1



STAGE 2

STAGE CONSTRUCTION

1" = 5'

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No	TOTAL SHEETS
7	VEN	1	28.15		

REGISTERED CIVIL ENGINEER DATE _____

PLANS APPROVAL DATE _____

Melad M. Hanna
 No. C42215
 Exp. 3/31/22
 CIVIL
 STATE OF CALIFORNIA

Caltrans District 7
 100 S. Main St. Ste. 100
 Los Angeles, CA 90012

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 ORANGE, CA. 92868

LEGEND:

- Bridge Removal (portion)
- Existing Structure
- * Match Existing Grade and Cross-Slope

NOTES:

- (2) California ST-75 Bridge Rail
- (3) Temporary Railing Type K (bolted to bridge deck at north side of bridge), see ROADWAY PLANS
- (4) Remove existing Wood Railing, Concrete Curb and portion of Reinforced Concrete Slab
- (5) Tubular Bicycle Railing
- (11) Asphalt Paving

NOTES

- 1. For temporary and permanent sewer line relocation, see ROADWAY PLANS.
- 2. Existing gas line is to be relocated by others from the north side of the bridge to the south side. Relocation is to take place after Stage 1 construction is complete and before Stage 2 construction begins.

DAWIT WORKU
 DESIGN OVERSIGHT
 -/-/
 SIGN OFF DATE

DESIGN	BY M. HANNA	CHECKED S. HILL
DETAILS	BY K. MELGAR	CHECKED S. HILL
QUANTITIES	BY K. MELGAR	CHECKED Y. YUAN

PREPARED FOR THE
STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION

MELAD HANNA PROJECT ENGINEER	BRIDGE NO. 52-0003
	POST MILES 28.15

WILLOW CREEK BRIDGE (WIDEN) INDEX TO PLAN

DESIGN DETAIL SHEET (ENGLISH) (REV.7/16/10)

ORIGINAL SCALE IN INCHES
 FOR REDUCED PLANS

0 1 2 3

UNIT: PROJECT NUMBER & PHASE: 0719000049/1 CONTRACT NO.: 07-2965U1

DISREGARD PRINTS BEARING
 EARLIER REVISION DATES

REVISION DATES	SHEET	OF
11/19/20 01/08/21 01/19/21 03/25/21	2	7

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DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No	TOTAL SHEETS
7	VEN	1	28.15		

LEGEND:
 --- Existing Structure
 [Hatched] Bridge removal (portion)

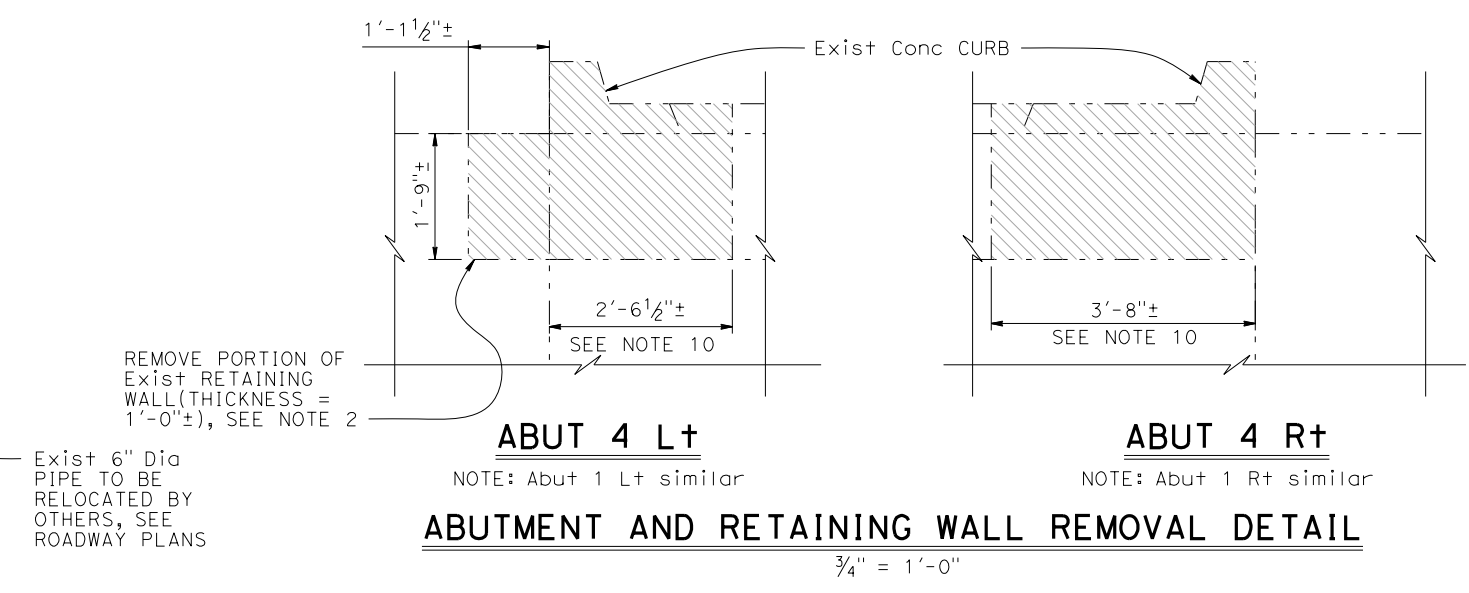
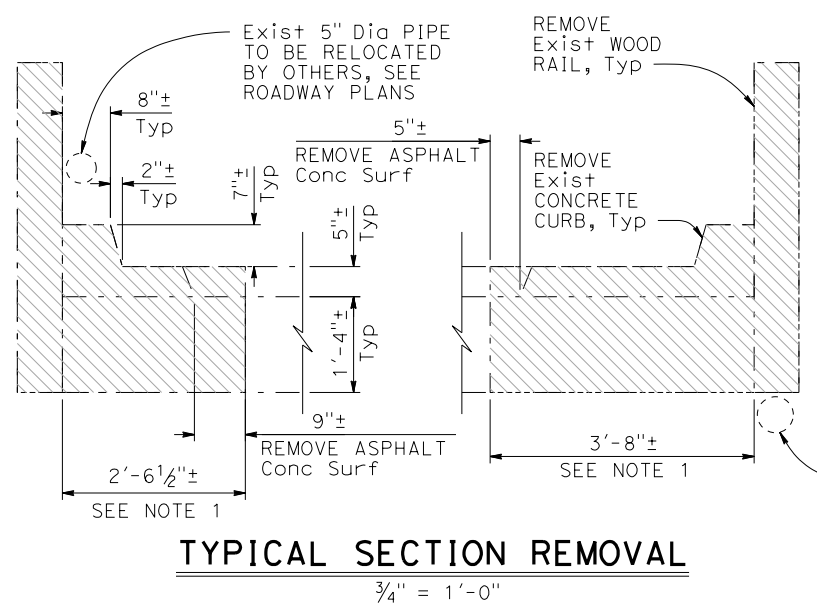
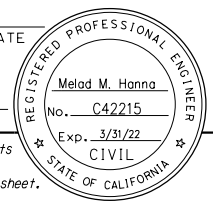
REGISTERED CIVIL ENGINEER DATE _____

PLANS APPROVAL DATE _____

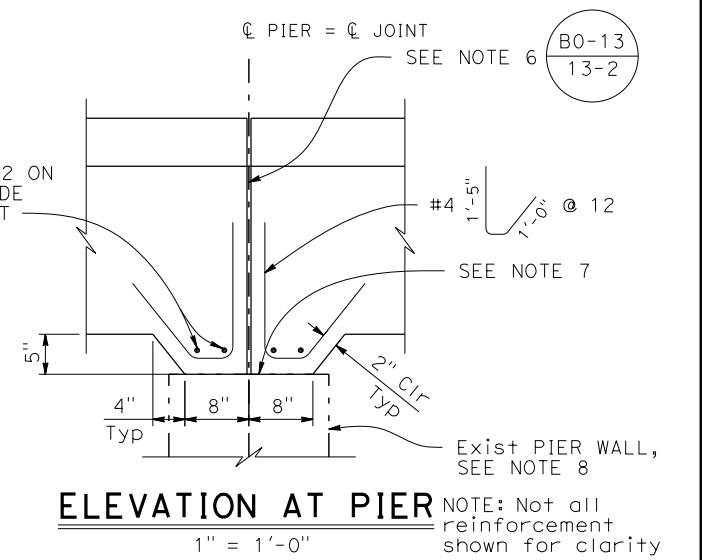
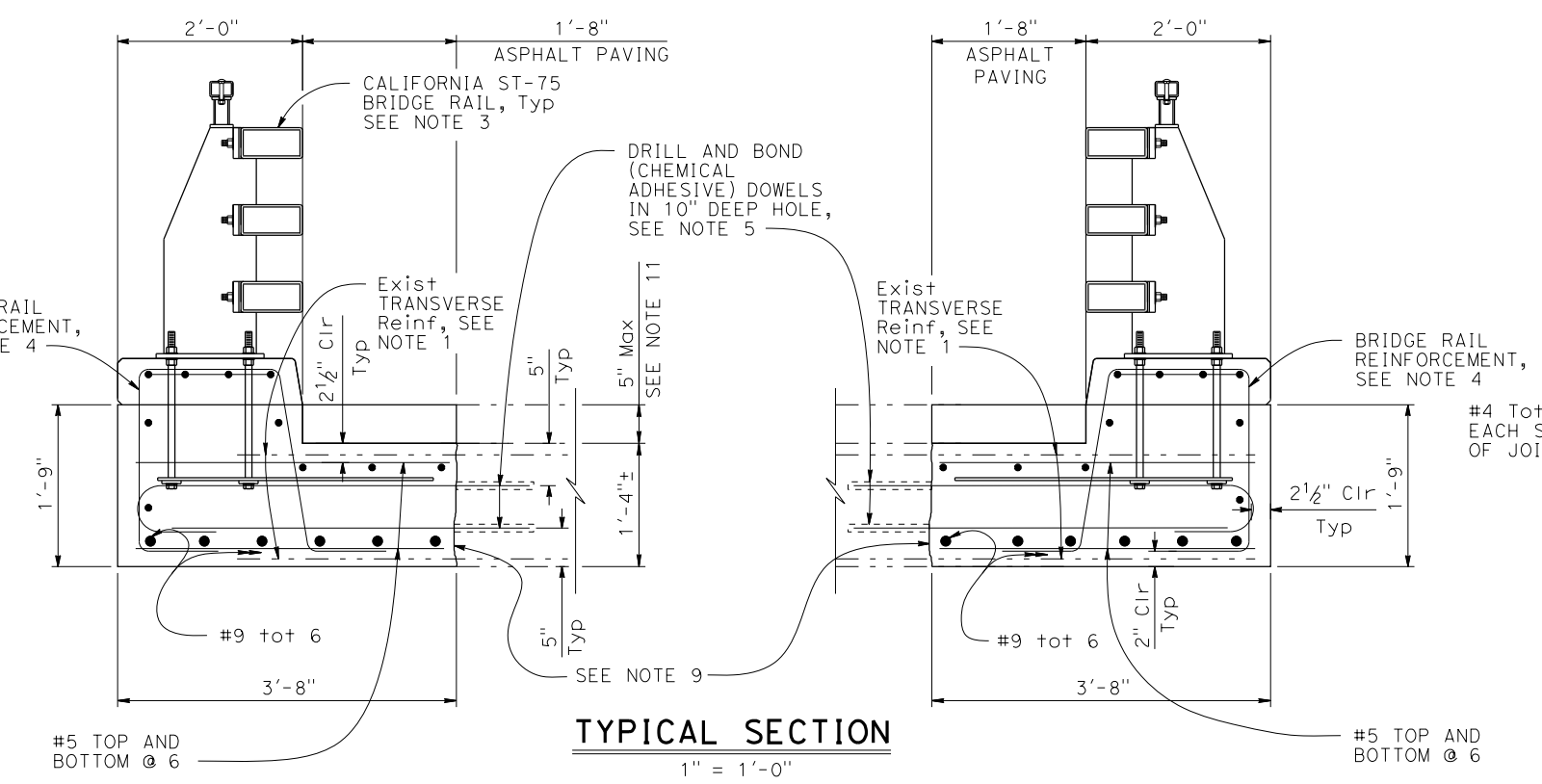
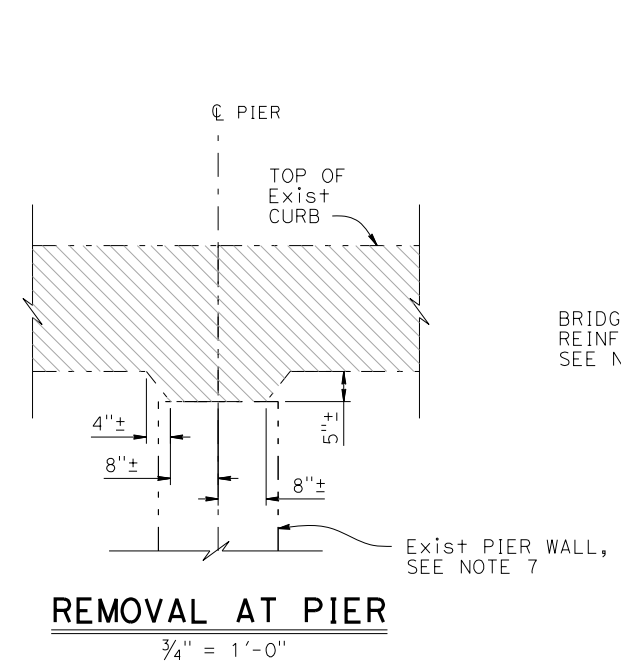
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- NOTES:
- Existing transverse Reinforcement to remain in place. Lap transverse bars with existing reinforcement.
 - Where shown, remove Existing Reinforcement flush with concrete and coat ends with zinc rich Primer.
 - For bridge rail details, see "BRIDGE RAIL DETAILS No. 1", "BRIDGE RAIL DETAILS No. 2", "BRIDGE RAIL DETAILS No. 3", and "BRIDGE RAIL DETAILS No. 4" sheets.
 - For bridge rail reinforcement, see "BRIDGE RAIL DETAILS No. 1" sheet.
 - For drill and bond dowel size, see "SECTION A-A" on "BRIDGE RAIL DETAILS No. 1" sheet.
 - Mandatory joint shall match joint location between existing slabs and shall be filled with 1/2"-thick expanded polystyrene.
 - Line horizontal joint between new slab and existing support with 15 pound construction paper.
 - Pier locations are shown, abutments similar.
 - Roughen existing concrete surface to 1/4" amplitude before placing new concrete.
 - Existing vertical reinforcement to remain in place at abutment.
 - If existing asphalt exceeds 5", slope the new asphalt to 5" maximum at the concrete curb.



NOTE:
 THE CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.

DAWIT WORKU
DESIGN OVERSIGHT
- / - / -
SIGN OFF DATE

DESIGN	BY M. HANNA	CHECKED S. HILL
DETAILS	BY K. MELGAR	CHECKED S. HILL
QUANTITIES	BY K. MELGAR	CHECKED Y. YUAN

PREPARED FOR THE
STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION

MELAD HANNA	BRIDGE NO.
PROJECT ENGINEER	52-0003
	POST MILES
	28.15

WILLOW CREEK BRIDGE (WIDEN)
SLAB DETAILS

DESIGN DETAIL SHEET (ENGLISH) (REV.7/16/10)

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS



UNIT: PROJECT NUMBER & PHASE: 0719000049/1 CONTRACT NO.: 07-2965U1

DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES	SHEET	OF
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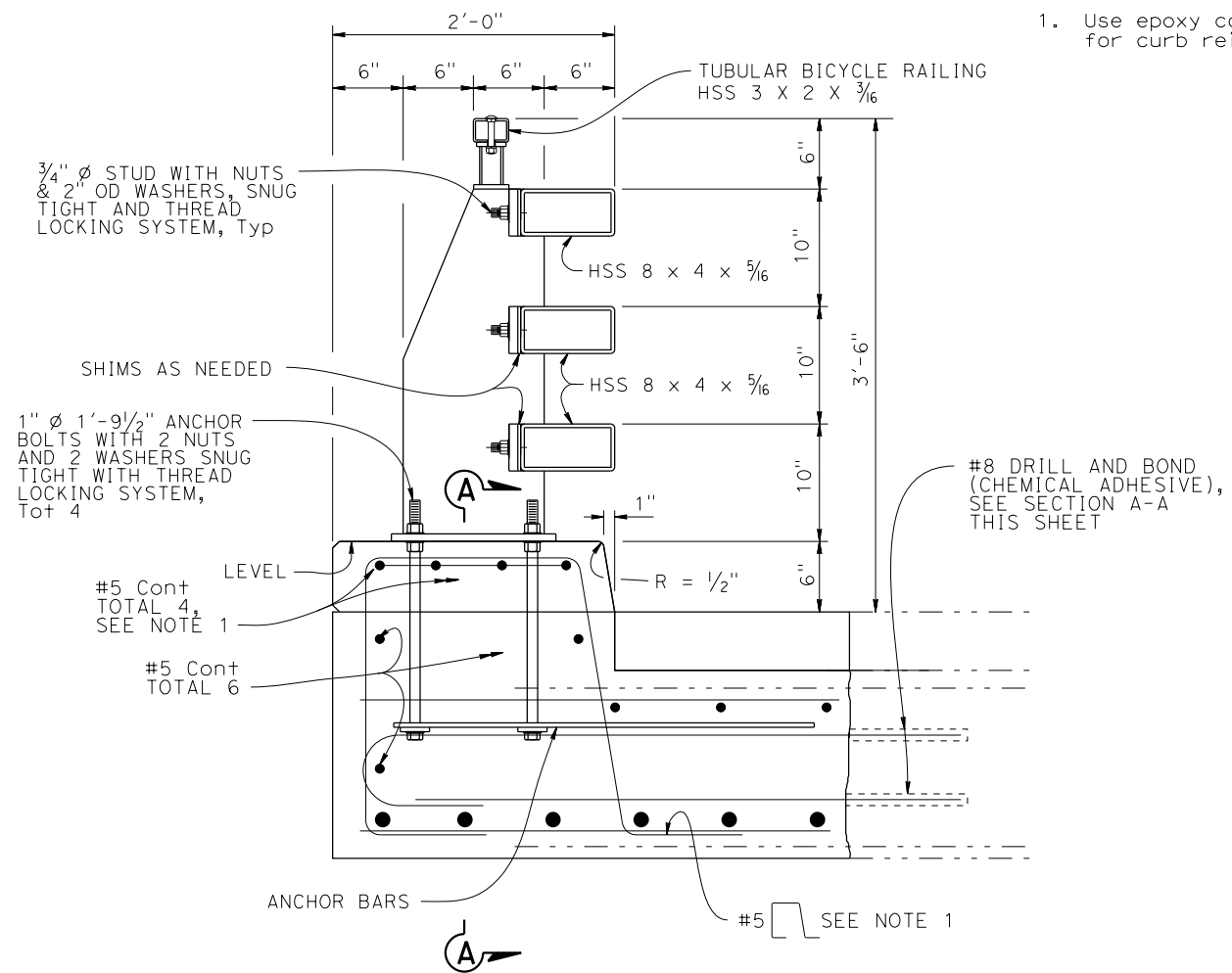
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No	TOTAL SHEETS
7	VEN	1	28.15		

REGISTERED CIVIL ENGINEER DATE _____
 Melad M. Hanna
 No. C42215
 Exp. 3/31/22
 CIVIL
 STATE OF CALIFORNIA

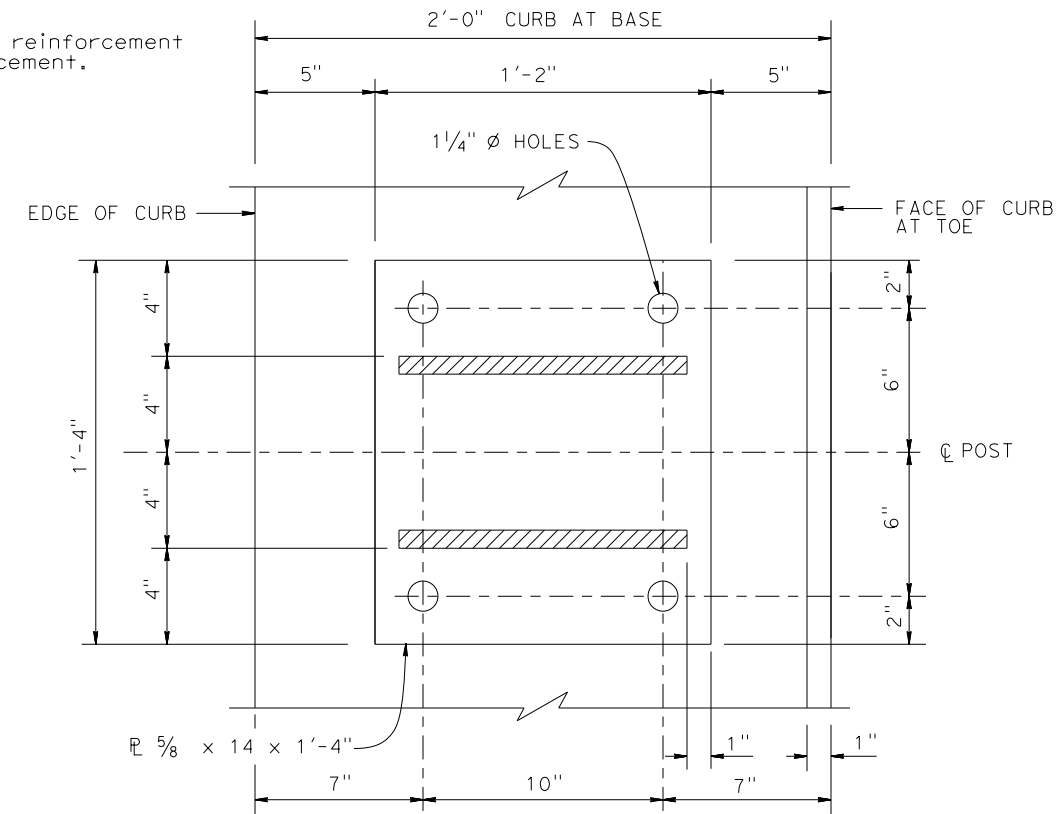
Caltrans District 7
 100 S. Main St. Ste. 100
 Los Angeles, CA 90012

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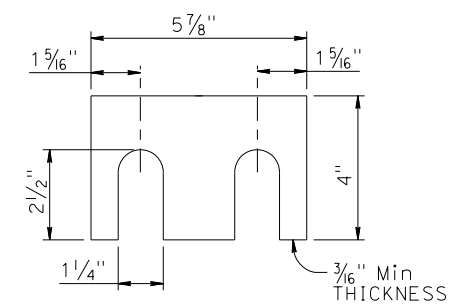
NOTES:
 1. Use epoxy coated reinforcement for curb reinforcement.



PART TYPICAL SECTION
 NO SCALE
 NOTE: LEFT WIDENING SHOWN, RIGHT WIDENING SIMILAR

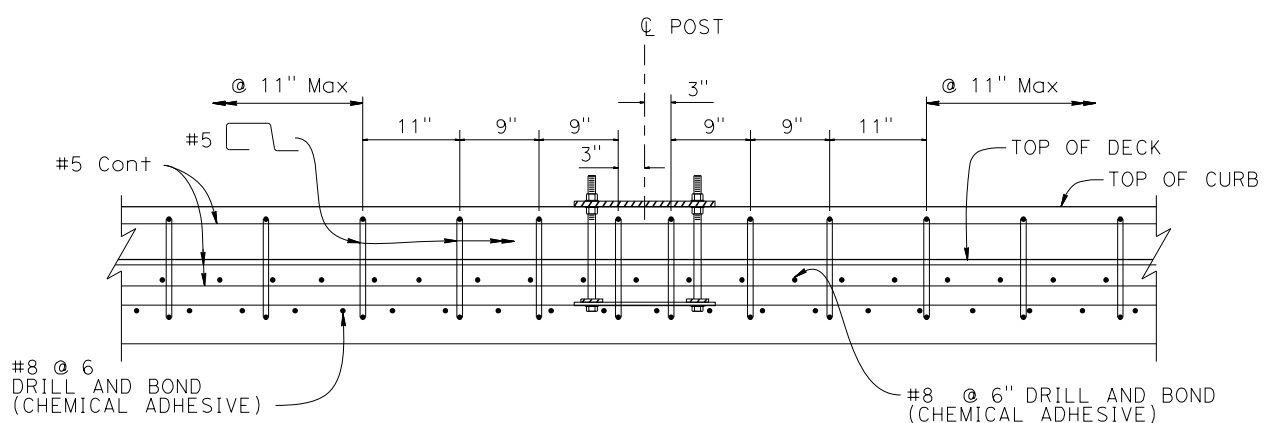


BASE PLATE
 NO SCALE



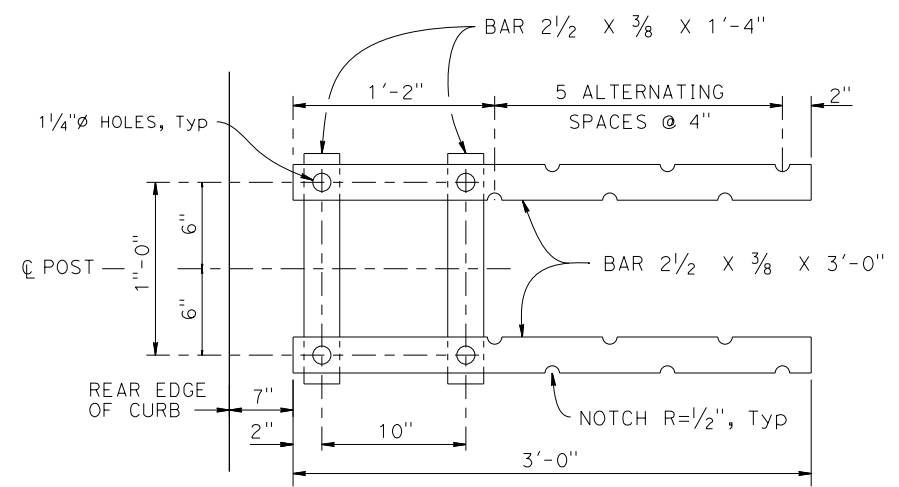
SHIM DETAILS
 NO SCALE

NOTE:
 Shims as needed between posts and HSS rail tubes.

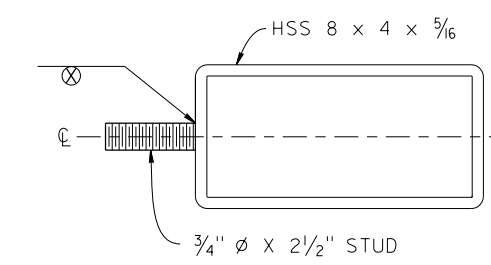


SECTION A-A
 NO SCALE
 NOTE: POST NOT SHOWN FOR CLARITY

NOTE:
 THE CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.



ANCHOR BAR DETAIL
 NO SCALE



RAIL SECTION AT POST
 NO SCALE

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 DESIGN OVERSIGHT
 - / - / -
 SIGN OFF DATE

DESIGN	BY M. HANNA	CHECKED S. HILL
DETAILS	BY K. MELGAR	CHECKED S. HILL
QUANTITIES	BY K. MELGAR	CHECKED Y. YUAN

PREPARED FOR THE
STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION

MELAD HANNA
 PROJECT ENGINEER

BRIDGE NO.	52-0003
POST MILES	28.15

WILLOW CREEK BRIDGE (WIDEN)
CALIFORNIA ST-75 BRIDGE RAIL
BRIDGE RAIL DETAILS No. 1

DESIGN DETAIL SHEET (ENGLISH) (REV.7/16/10)

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS

0 1 2 3

UNIT: PROJECT NUMBER & PHASE: 0719000049/1

CONTRACT NO.: 07-2965U1

DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES	SHEET	OF
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DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No	TOTAL SHEETS
7	VEN	1	28.15		

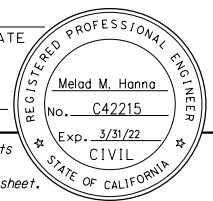
REGISTERED CIVIL ENGINEER DATE _____

PLANS APPROVAL DATE _____

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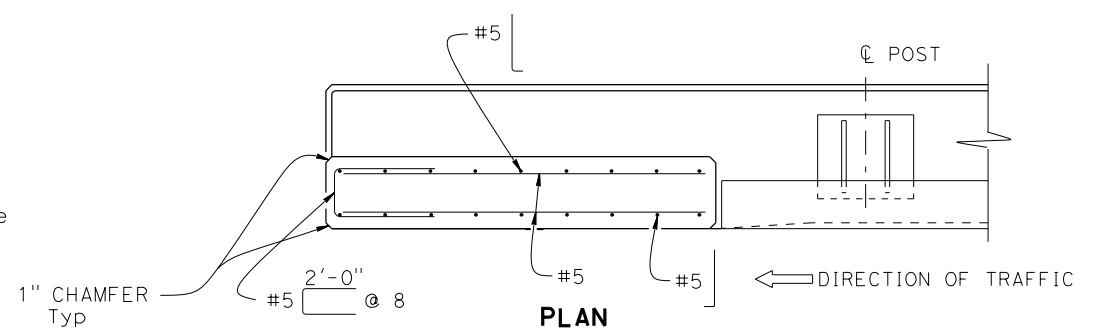
Caltrans District 7
100 S. Main St. Ste. 100
Los Angeles, CA 90012

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ORANGE, CA. 92868

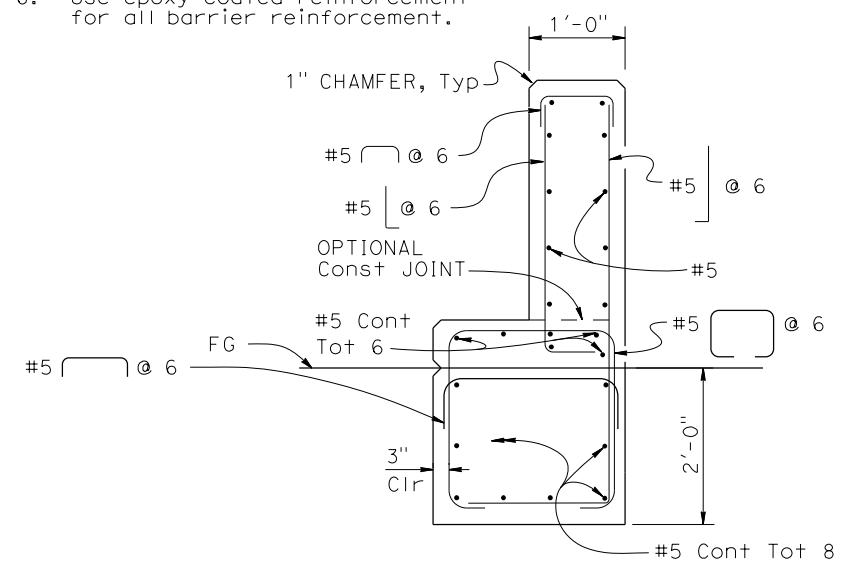


NOTES:

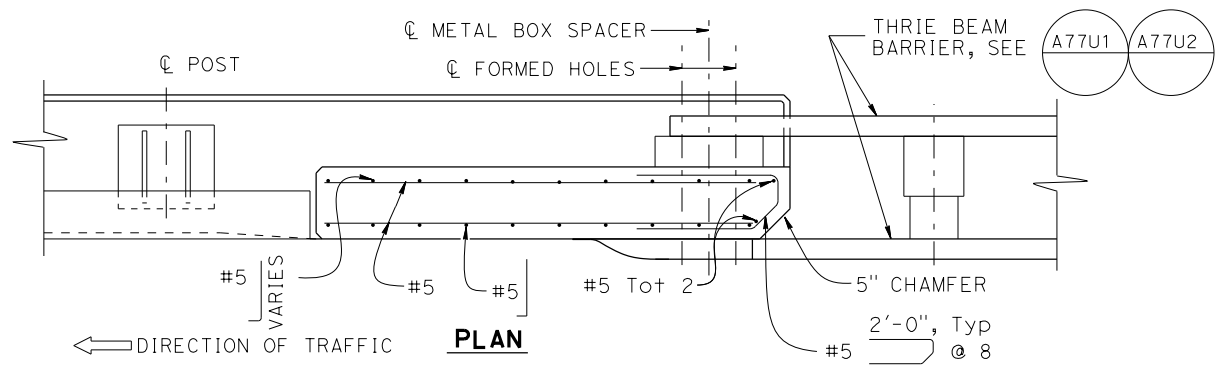
- All horizontal members are parallel to longitudinal profile grade.
- Posts are normal to profile grade of structure.
- Posts are vertical to the transverse cross section.
- If departure end block is within the Clear Recovery Zone (CRZ, 20 feet for conventional highways) of opposing traffic, then use the approach end block at the departure end.
- Hot-dip galvanize all HSS members.
- Use epoxy-coated reinforcement for all barrier reinforcement.



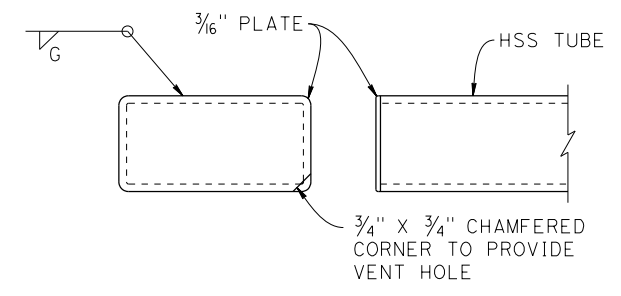
DEPARTURE END BLOCK DETAIL
NO SCALE



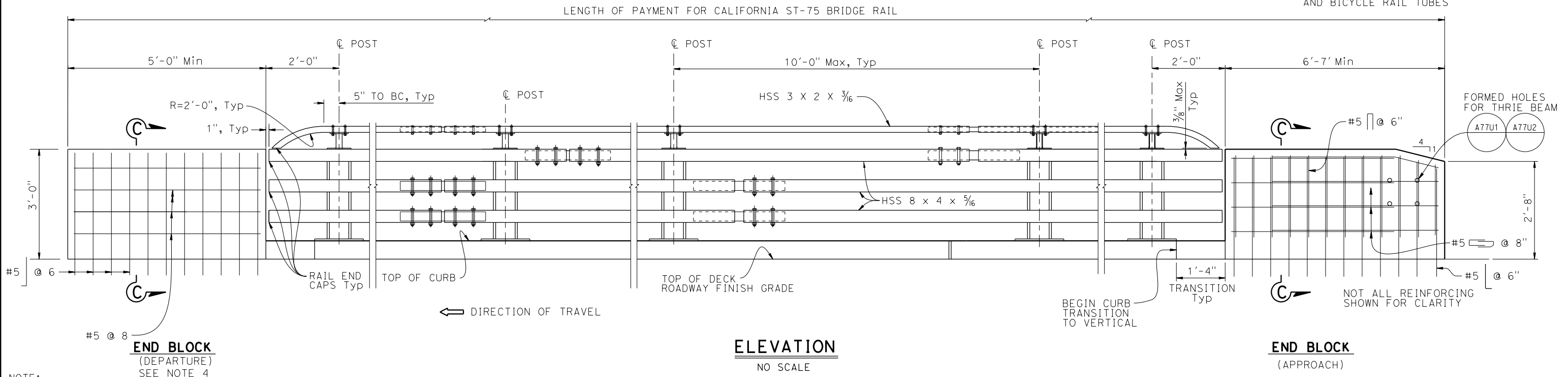
SECTION C-C
NO SCALE



APPROACH TRANSITION BLOCK DETAIL
NO SCALE



RAIL END CAP
NO SCALE
FOR VEHICULAR RAIL TUBES AND BICYCLE RAIL TUBES



ELEVATION
NO SCALE

END BLOCK
(DEPARTURE)
SEE NOTE 4

END BLOCK
(APPROACH)

NOTE:
THE CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.

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DESIGN OVERSIGHT
-/-/
SIGN OFF DATE

DESIGN	BY M. HANNA	CHECKED S. HILL
DETAILS	BY K. MELGAR	CHECKED S. HILL
QUANTITIES	BY K. MELGAR	CHECKED Y. YUAN

PREPARED FOR THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION

MELAD HANNA
PROJECT ENGINEER

BRIDGE NO.	52-0003
POST MILES	28.15

**WILLOW CREEK BRIDGE (WIDEN)
CALIFORNIA ST-75 BRIDGE RAIL
BRIDGE RAIL DETAILS No. 2**

DESIGN DETAIL SHEET (ENGLISH) (REV.7/16/10)

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS

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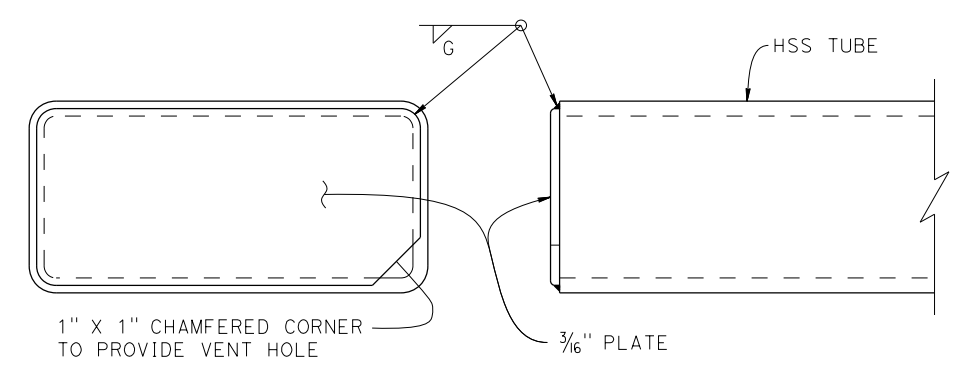
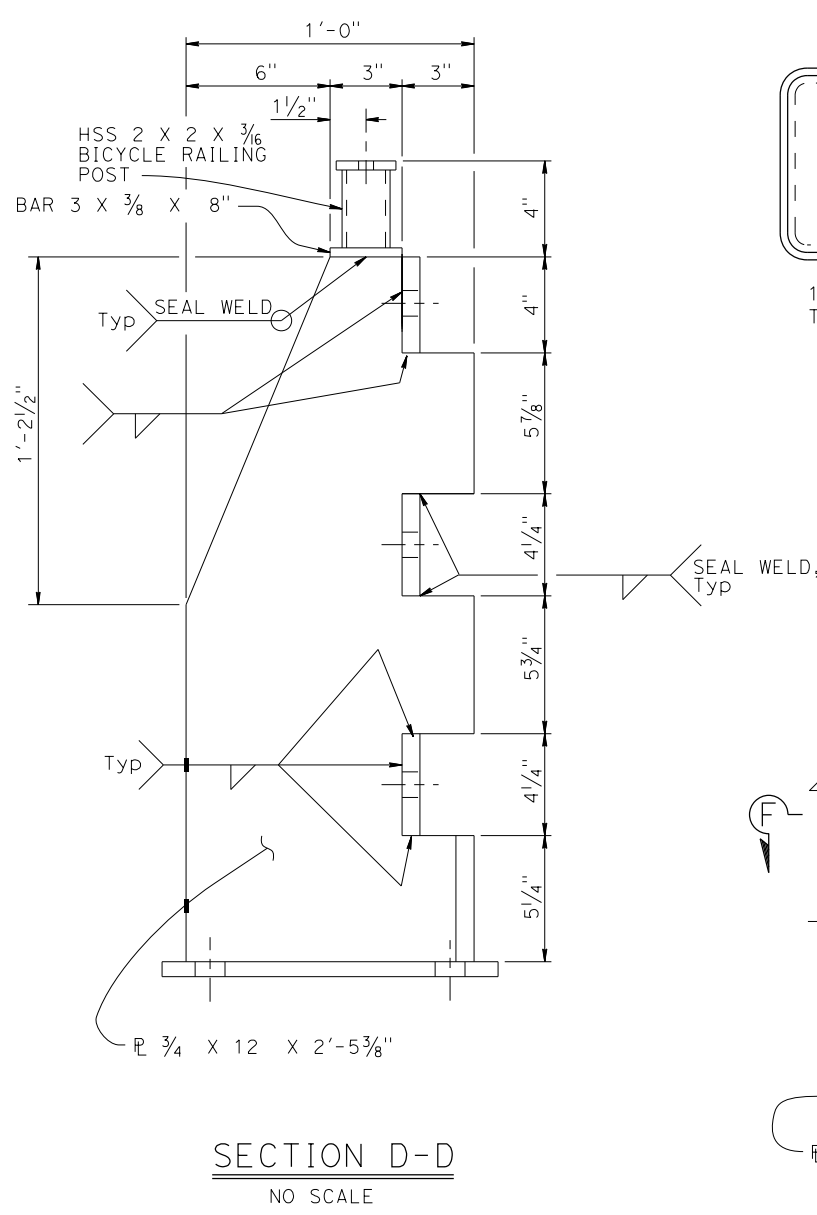
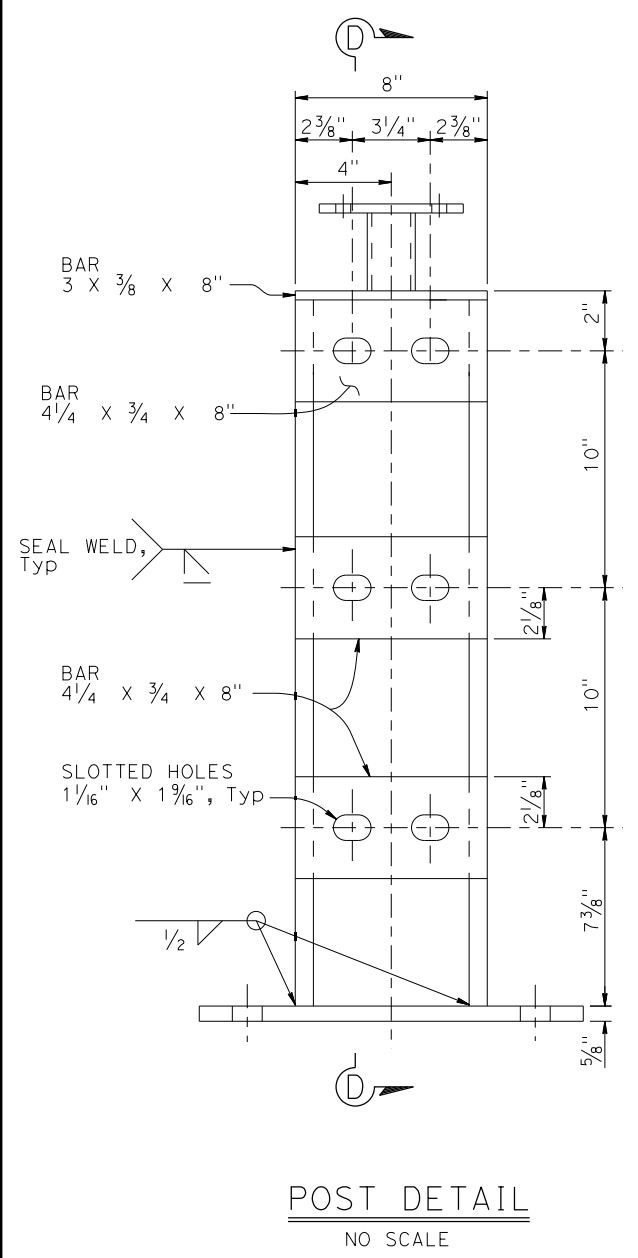
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CONTRACT NO.: 07-2965U1

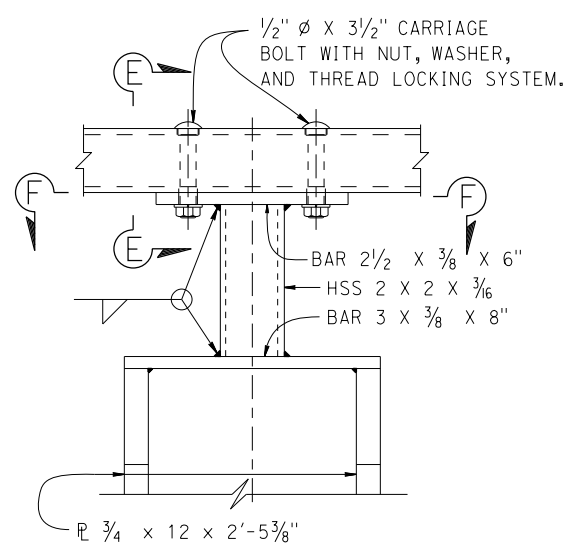
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01/20/20 09/21/20 10/20/20 01/19/21	5	7

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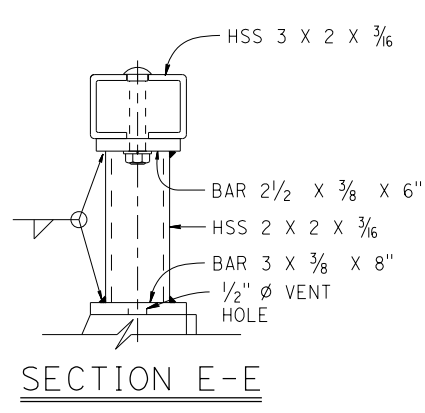
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
7	VEN	1	28.15		
REGISTERED CIVIL ENGINEER		DATE			
PLANS APPROVAL DATE					
<small>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</small>					
<small>THE REGISTERED CIVIL ENGINEER FOR THE PROJECT IS RESPONSIBLE FOR THE SELECTION AND PROPER APPLICATION OF THE COMPONENT DESIGN AND ANY MODIFICATIONS SHOWN.</small>					
Caltrans District 7 100 S. Main St. Ste. 100 Los Angeles, CA 90012					
AECOM 999 W. TOWN & COUNTRY RD. ORANGE, CA. 92868					



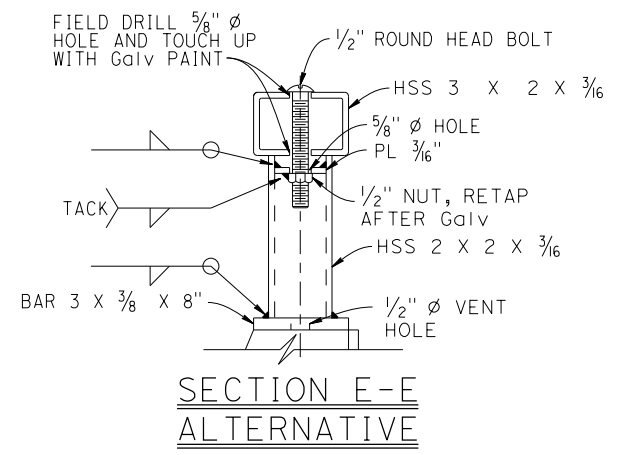
RAIL END CAP
NO SCALE
FOR VEHICULAR RAIL TUBES
AND BICYCLE RAIL TUBES



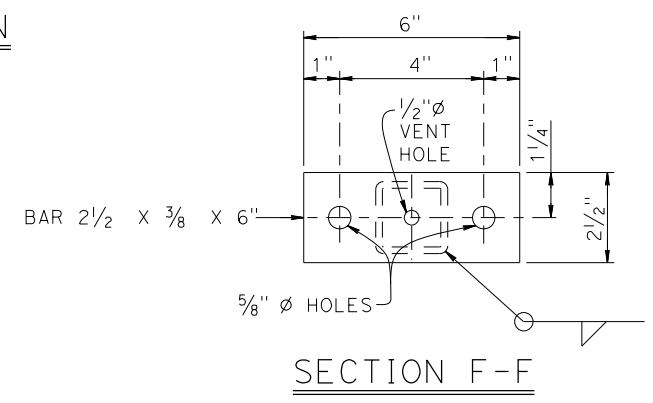
ELEVATION



SECTION E-E



SECTION E-E ALTERNATIVE



SECTION F-F

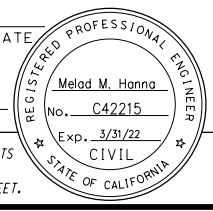
BICYCLE RAILING CONNECTION DETAILS
NO SCALE

- NOTES:
- Hot-dip galvanize all steel post and bicycle railing components. 1

BRIDGE STANDARD DETAILS			1 Note added for galvanization	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES	BRIDGE No.	WILLOW CREEK BRIDGE (WIDEN) CALIFORNIA ST-75 BRIDGE RAIL BRIDGE RAIL DETAILS No. 3					
xs16-116-3	July 2020	52-0003										
FILE NO.	APPROVAL DATE	POST MILE	28.15	UNIT: PROJECT NUMBER & PHASE: 0719000049/1		CONTRACT No.: 07-2965U1	DISREGARD PRINTS BEARING EARLIER REVISION DATES					
<small>Refer to: http://www.dot.ca.gov/hq/esc/techpubs/manual/bridgemanuals/bridge-standard-detail-sheets/index.html</small>		DATE PLOTTED => 3/23/2021	TIME PLOTTED => 11:34:41	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	0	1	2	3	REVISION DATES	SHEET	OF	
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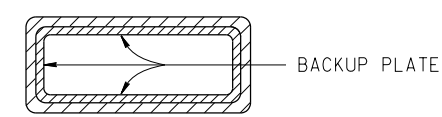
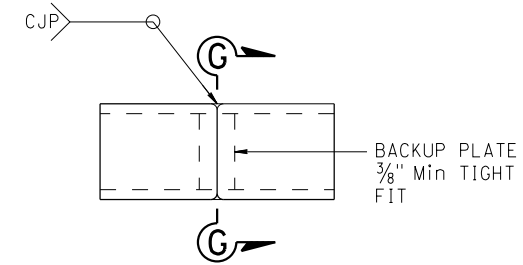
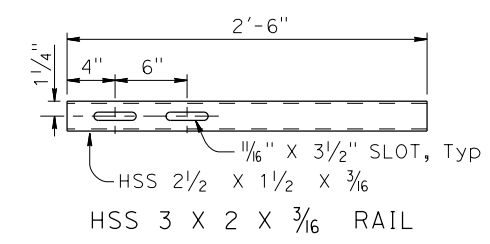
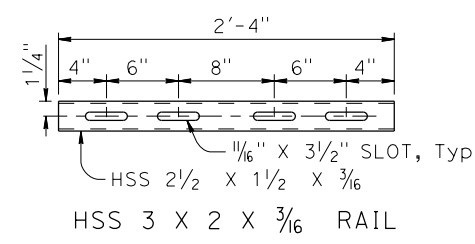
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
7	VEN	1	28.15		

REGISTERED CIVIL ENGINEER DATE _____
 PLANS APPROVAL DATE _____
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THE REGISTERED CIVIL ENGINEER FOR THE PROJECT IS RESPONSIBLE FOR THE SELECTION AND PROPER APPLICATION OF THE COMPONENT DESIGN AND ANY MODIFICATIONS SHOWN.
 Caltrans District 7
 100 S. Main St. Ste. 100
 Los Angeles, CA 90012

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 ORANGE, CA. 92868



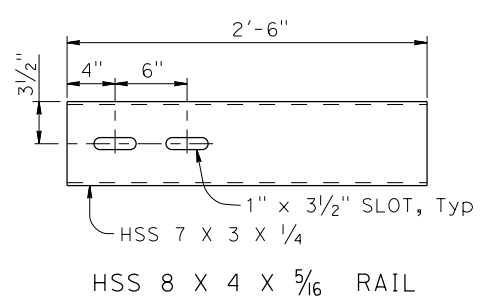
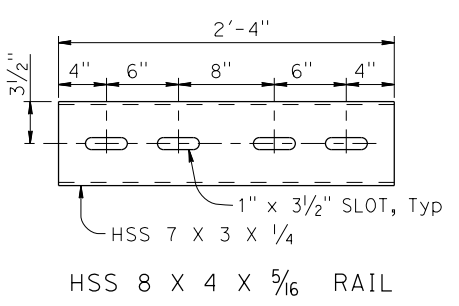
SECTION G-G

ALTERNATE TUBE WELDED STANDARD SPLICE

NO SCALE

NOTES:

1. HS bolts with nut and washers, snug tightened, and thread locking system.
2. Use 1/2"Ø X 3 5/16 BOLTS (HSS 3 X 2 X 3/16)
Use 3/4"Ø X 5 5/16 BOLTS (HSS 8 X 4 X 5/16)
3. Each rail length must be continuous over a minimum of two posts.
4. The fabricator must check that the tubular sleeve splice conform to the dimensions indicated to assure proper clearance.
5. Except for expansion splices, not more than one splice permitted per same side of post.
6. Hot-dip galvanize all splice components. 1



STANDARD SLEEVES DETAILS

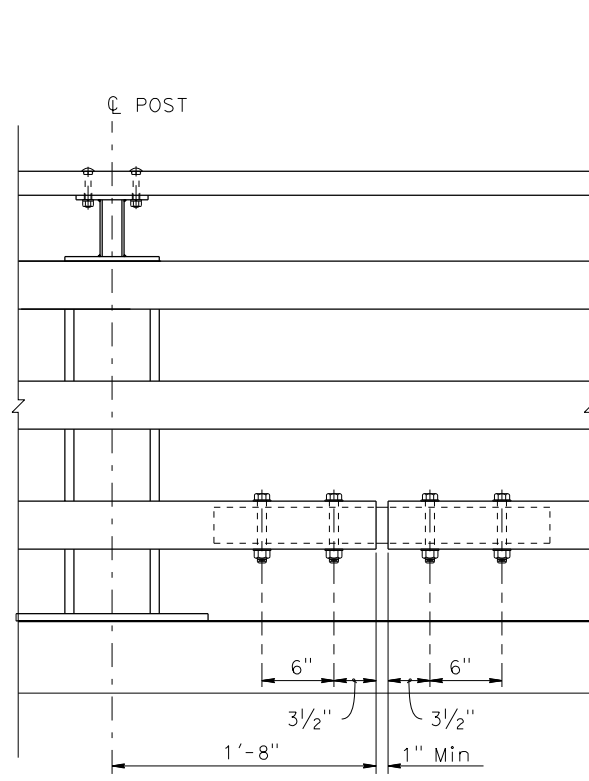
DETAILS

NO SCALE

EXPANSION SLEEVES DETAILS

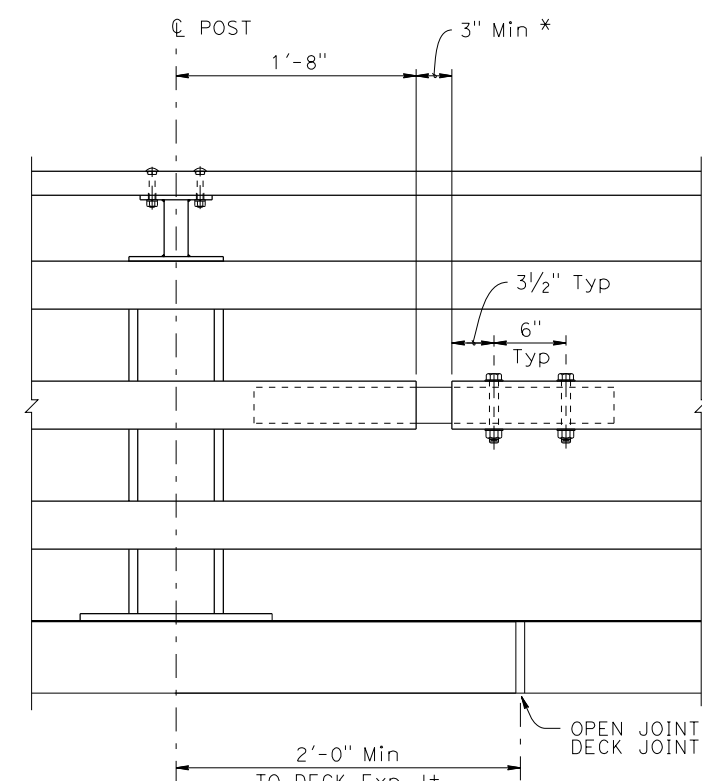
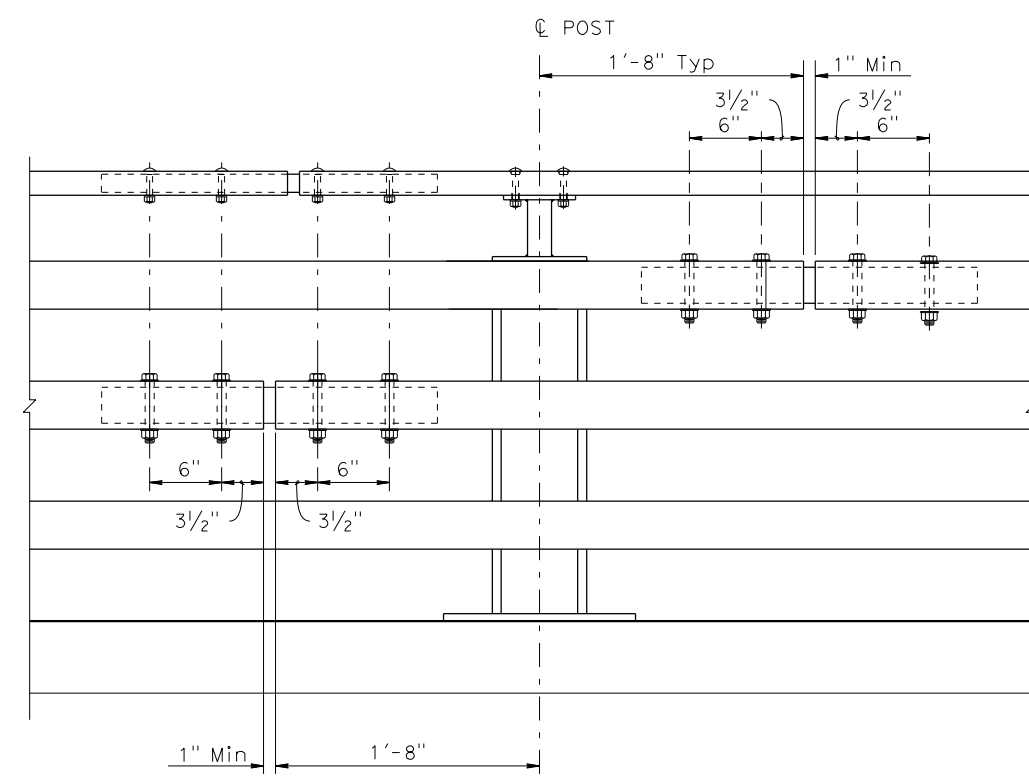
DETAILS

NO SCALE



STANDARD SPLICE

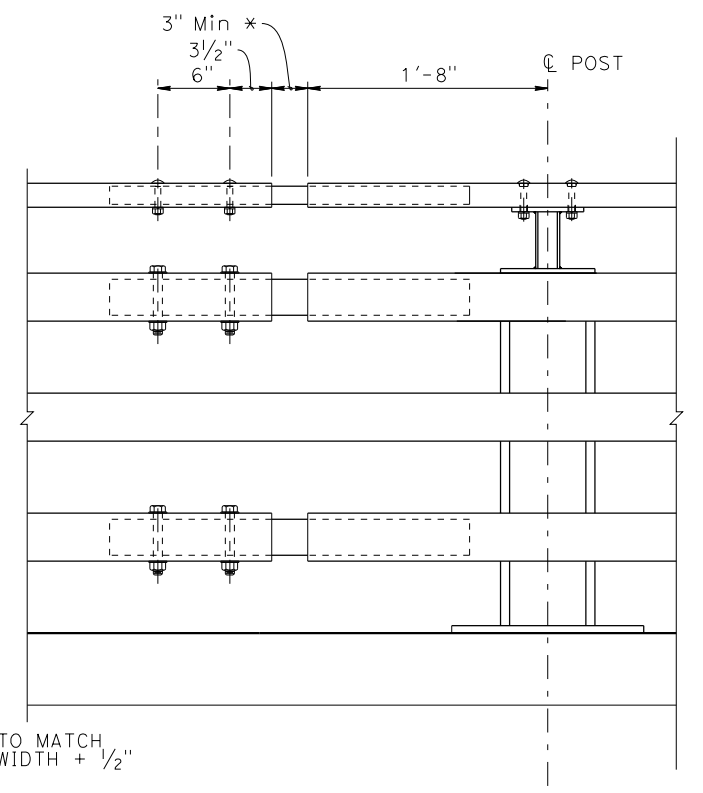
NO SCALE



EXPANSION SPLICE

NO SCALE

* MATCH DECK OR WALL JOINT



EXPANSION SPLICE

NO SCALE

* MATCH DECK OR WALL JOINT

BRIDGE STANDARD DETAILS		
xs16-116-4	July 2020	The components of the Bridge Standard Details have been prepared under the responsible charge of the Technical Owner, a registered civil engineer in the State of California
FILE NO.	APPROVAL DATE	

1 Note added for galvanization

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF ENGINEERING SERVICES

BRIDGE No.	52-0003
POST MILE	28.15

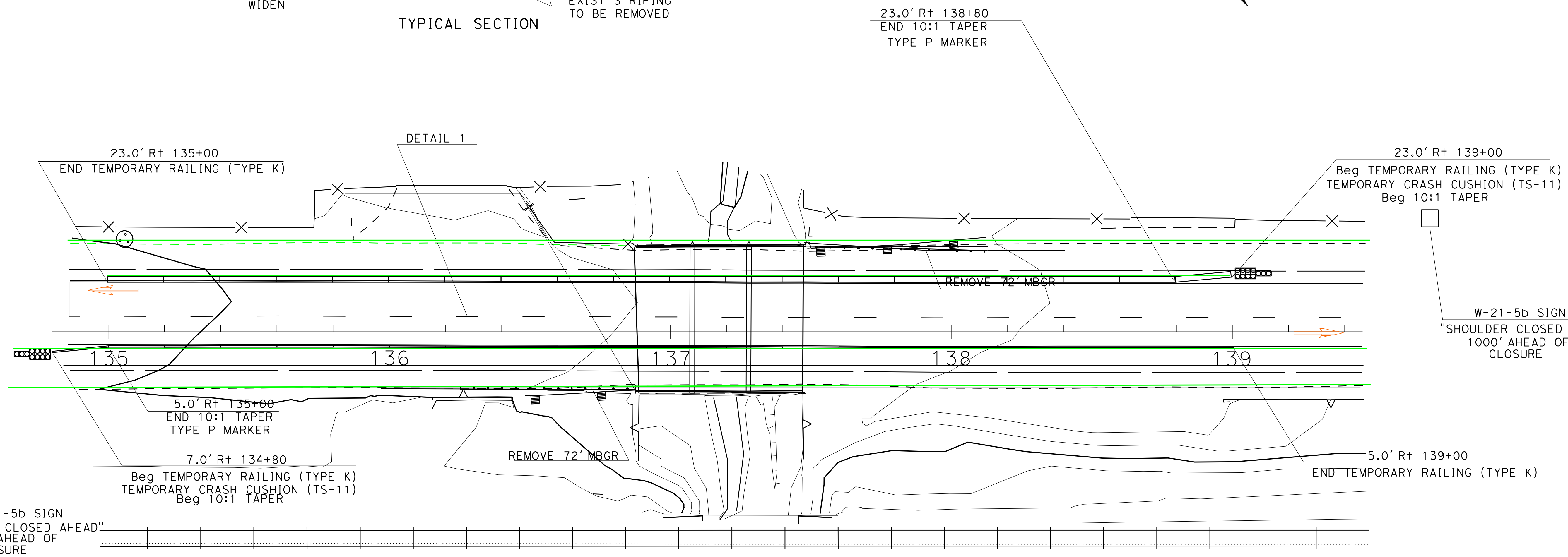
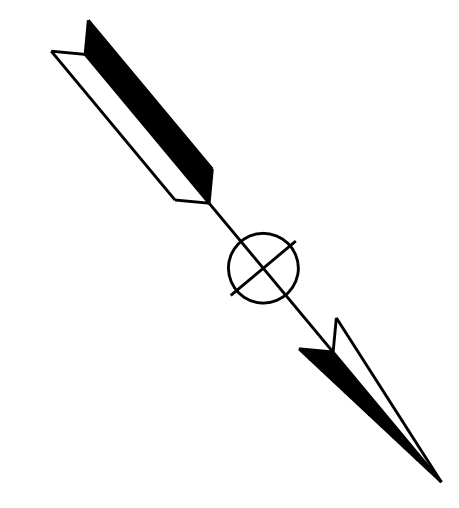
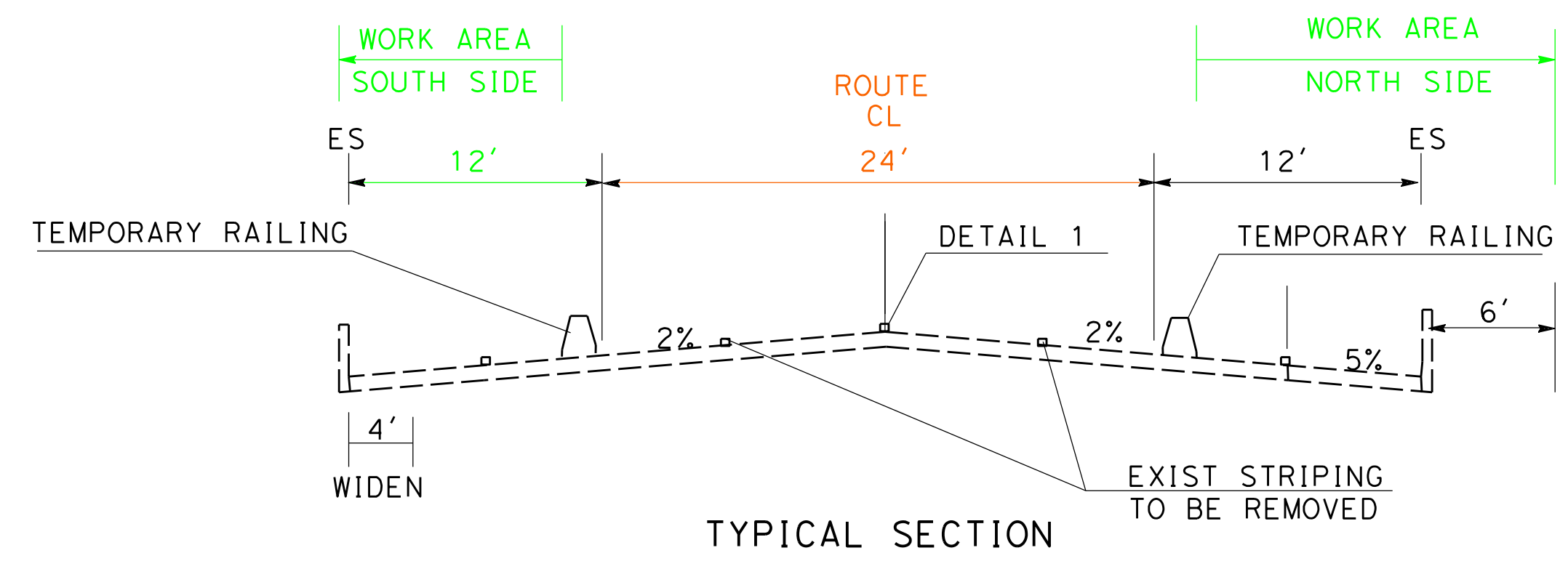
**WILLOW CREEK BRIDGE (WIDEN)
 CALIFORNIA ST-75 BRIDGE RAIL
 BRIDGE RAIL DETAILS No. 4**

Dist	COUNTY	LOCATION CODE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	Ven	1	28.2		

REGISTERED CIVIL ENGINEER	DATE
REFUGIO DOMINGUEZ	
No. 50820	
Exp. 9/30/21	
CIVIL	

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.



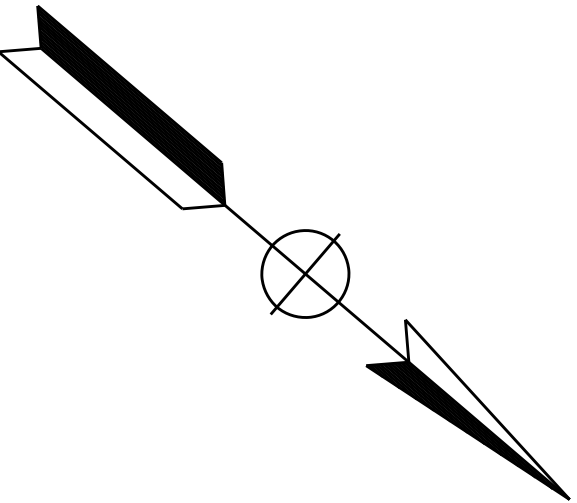
WILLOW CREEK
52-0003

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN
SCALE: 1" = 20'

APPROVE FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING ONLY

TH-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	OFFICE OF DESIGN C
FUNCTIONAL SUPERVISOR	REFUGIO DOMINGUEZ
CALCULATED/DESIGNED BY	CHECKED BY
NGUYEN HUA	ANTHONY HUGHES
REVISOR BY	DATE REVISED



24" Dia S+I PIPE TO BE REMOVED BY (CSLC)

~~Elect LINE CROSSING
TO BE REMOVED BY (CSLC)~~

~~6" S+I WATER CROSSING
TO BE REMOVED BY (CSLC)~~

OIL 16" Abn IN 30" Csg (DCOR OIL)

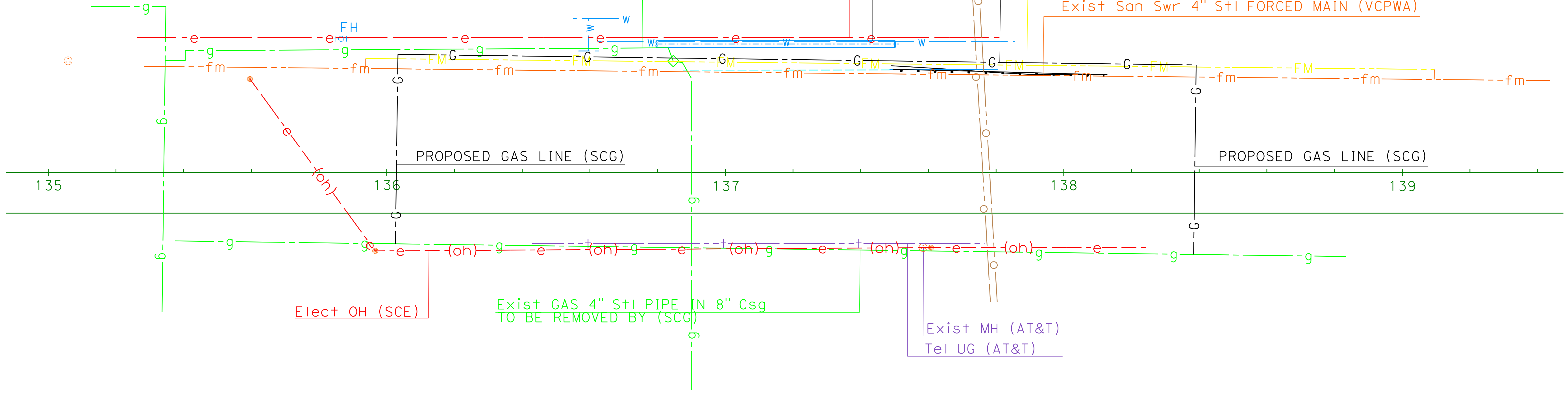
OIL, GAS, & Wtr 12" S+I Oil, 12" S+I GAS, and 6" S+I Wtr IN 36" S+I Csg (DCOR OIL)

3" GAS IN 6" CASING TO REMOVE/Abn BY (CSLC)

PROPOSED GAS LINE (SCG)

PROPOSED San Swr 4" S+I FORCED MAIN (VCPWA)

Exist San Swr 4" S+I FORCED MAIN (VCPWA)



Elect OH (SCE)

Exist GAS 4" S+I PIPE IN 8" Csg
TO BE REMOVED BY (SCG)

Exist MH (AT&T)
Tel UG (AT&T)

Br No. 52-0003

WILLOW CREEK
52-0003

EXHIBIT 4
CONDITIONS OF APPROVAL FOR
CALIFORNIA DEPARTMENT OF TRANSPORTATION, DISTRICT 7
WILLOW CREEK BRIDGE WIDENING PROJECT
COASTAL PLANNED DEVELOPMENT (PD) PERMIT
CASE NO. PL20-0134

RESOURCE MANAGEMENT AGENCY (RMA)

Planning Division Conditions

1. Project Description

The subject roadway improvements shall be maintained in conformance with the following conditions of approval and the approved project plans. Any change in the project must be reviewed by the County Planning Division for conformance with the terms of this permit. A change in the project may require a modification of this permit and additional environmental review in accordance with CEQA. A project change implemented without County approval may constitute a violation of this permit and applicable law.

This Coastal Planned Development Permit is based on and limited to compliance with the project description stated in this condition below, Exhibit 3 of the Planning Director hearing on June 30, 2021, and conditions of approval set forth below. Together, these conditions and documents describe the "Project." Any deviations from the Project must first be reviewed and approved by the County in order to determine if the Project deviations conform to the Project as approved. Project deviations may require Planning Director approval for changes to the permit or further California Environmental Quality Act (CEQA) environmental review, or both. Any Project deviation that is implemented without requisite County review and approval(s) may constitute a violation of the conditions of this permit and applicable law.

The Project description is as follows:

The applicant requests a Coastal Planned Development (PD) Permit be granted to widen Bridge No. 52-0003 ("Willow Creek Bridge") on SR 1 that spans Willow Creek, and upgrade of the railing to meet current bridge rail standards.

The Willow Creek Bridge is located at Ventura County post mile 28.2. The northbound (railroad side) roadway shoulder will be widened by four feet for a length of 100 feet to accommodate a standard eight foot shoulder. The south side (beach side) of the bridge deck will be widened by one to one and a half feet. There will be no excavation on the bridge abutments. The existing wooden beam guardrails will be replaced with metal beam guardrails. A new end line terminal system will be attached to the new bridge railing. Two utility pipelines, a Southern California Gas Company (SoCal Gas) natural

gas pipeline and a sewer main operated by the Ventura County Public Works Agency, would be relocated as part of the bridge upgrade work. Relocation of the SoCal Gas three inch gas line in a six inch casing would be relocated from the north side to the south side. Relocation of the existing Ventura County Public Works Agency sewer forced main on the wooden bridge railing on the south side will be adjacent to the gas line and supported by a proposed cantilever beam. All work will be accomplished within the existing public road right-of-way. Following construction, the roadway will be restriped, including Class II bike lanes designated on the road shoulders on each side of the bridge.

Temporary traffic control will divert motorists and bicyclists onto the center of the roadway. A temporary water diversion plan shall be developed and implemented to de-water the construction zone in consultation with National Oceanic and Atmospheric Administration (NOAA), California Department of Fish and Wildlife (CDFW), United States Fish and Wildlife Service (USFWS), Army Corps of Engineers (ACOE), and the Los Angeles Regional Water Quality Control Board (RWQCB). The water diversion plan includes corrugated steel pipes of an appropriate size installed in each side of the bridge extended five feet under the bridge and five feet outside of the bridge. For the water to be diverted under the bridge the voids between the temporary drainage pipes will be filled with sandbags. Plywood would be placed on top of the of the pipes and extend to the abutments of the structure to create a work platform during construction. The plywood platforms will temporarily impact approximately 1,200 square feet (0.02 acre) of creek bed. The temporary placement of the construction platform in the creek bed will not result in the removal of any trees. Areas disturbed by the temporary construction area will be restored at a 2:1 mitigation to impact ratio with seeds and native plant materials (willow cuttings) as determined by CALTRANS District Biologist and California Department of Fish and Wildlife Specialists. No access roads are located on the sides of the bridge; all equipment and materials for work under the bridge will be lowered from above the bridge.

Construction limits will be marked in the field and indicated by flagging, stakes, and construction fencing. CALTRANS will properly maintain, remove from the work site, and dispose of regularly all trash that may attract wildlife and will remove all construction debris from work areas following construction.

The grading, development, use, and maintenance of the property, the size, shape, arrangement, and location of structures, parking, and the protection and preservation of resources shall conform to the project description above and all approved County land use hearing exhibits in support of the Project and conditions of approval below.

2. Required Improvements for PD

Purpose: To ensure the project site conforms to the plans approved at the Planning Director hearing in support of the project.

Requirement: The Permittee shall ensure that all required off-site and on-site improvements for the Project, including structures and paving are completed in conformance with the approved plans stamped as hearing Exhibit 3. The Permittee shall prepare and submit all final building and site plans for the County's review and approval in accordance with the approved plans.

Documentation: The Permittee shall obtain Planning Division staff's stamped approval on the project plans and submit them to the County for inclusion in the Project file. The Permittee shall submit additional plans to the Planning Division for review and stamped approval (e.g., tree protection and landscape plans) for inclusion in the Project file, as necessary.

Timing: Prior to the issuance of a Zoning Clearance for Construction the Permittee shall submit all final development plans to the Planning Division for review and approval. Unless the Planning Director allows the Permittee to provide financial security and a final executed agreement, approved as to form by the County Counsel, that ensures completion of such improvements, the Permittee shall complete all required improvements prior to final inspection. The Permittee shall maintain the required improvements for the life of the Project.

Monitoring and Reporting: The County Building Inspector, Public Works Agency Grading Inspector, Fire Marshall, and/or Planning Division staff has the authority to conduct periodic site inspections to ensure the Permittee's ongoing compliance with this condition consistent with the requirements of § 8183-5 of the Ventura County Coastal Zoning Ordinance.

3. Site Maintenance

Purpose: To ensure that the Project site is maintained in a neat and orderly manner so as not to create any hazardous conditions or unsightly conditions which are visible from outside of the Project site.

Requirement: The Permittee shall maintain the Project site in a neat and orderly manner, and in compliance with the Project description set forth in Condition No. 1. Only equipment and/or materials which the Planning Director determines to substantially comply with the Project description shall be stored within the Caltrans right-of-way (i.e. the project site) during construction of the Project.

Documentation: The Permittee shall maintain the Project site in compliance with Condition No. 1 and the approved plans for the Project.

Timing: The Permittee shall maintain the Project site in a neat and orderly manner and in compliance with Condition No. 1 throughout the life of the Project.

Monitoring and Reporting: The County Building Inspector, Public Works Agency Grading Inspector, Fire Marshall, and/or Planning Division staff has the authority to conduct periodic site inspections to ensure the Permittee's ongoing compliance with this condition consistent with the requirements of § 8183-5 of the Ventura County Coastal Zoning Ordinance.

4. Coastal Permit PD Modification

Prior to undertaking any operational or construction-related activity which is not expressly described in these conditions, the Permittee shall first contact the Planning Director to determine if the proposed activity requires a modification of this PD. The Planning Director may, at the Planning Director's sole discretion, require the Permittee to file a written and/or mapped description of the proposed activity in order to determine if a PD modification is required. If a PD modification is required, the modification shall be subject to:

- a. The modification approval standards of the Ventura County Ordinance Code in effect at the time the modification application is acted on by the Planning Director; and,
- b. Environmental review, as required pursuant to the California Environmental Quality Act (CEQA; California Public Resources Code, §§ 21000-21178) and the State CEQA Guidelines (California Code of Regulations, Title 14, Chapter 3, §§ 15000-15387), as amended from time to time.

5. Construction Activities

Prior to any construction, the Permittee shall obtain a Zoning Clearance for construction from the Planning Division, and a Building Permit from the Building and Safety Division. Prior to any grading, the Permittee shall obtain a Grading Permit from the Public Works Agency.

6. Acceptance of Conditions and Schedule of Enforcement Responses

The Permittee's acceptance of this PD Permit and/or commencement of construction and/or operations under this PD Permit shall constitute the Permittee's formal agreement to comply with all conditions of this PD Permit. Failure to abide by and comply with any condition of this PD Permit shall constitute grounds for enforcement action provided in the Ventura County Coastal Zoning Ordinance (Article 13), which shall include, but not limited to the following:

- a. Public reporting of violations to the Planning Commission and/or Board of Supervisors;

- b. Suspension of the permitted land uses (Condition No. 1);
- c. Modification of the PD Permit conditions listed herein;
- d. Recordation of a “Notice of Noncompliance” on the deed to the subject property;
- e. The imposition of civil administrative penalties; and/or
- f. Revocation of this PD Permit.

The Permittee is responsible for being aware of and complying with the PD Permit conditions and all applicable federal, state, and local laws and regulations.

7. Time Limits

a. Use inauguration:

- (1) The decision to grant this PD Permit becomes effective upon the expiration of the 10-day appeal period following the date on which the Planning Director rendered the decision on the Project, or when any appeals of the decision are finally resolved. Once the decision becomes effective, the Permittee must obtain a Zoning Clearance for Construction in order to initiate the land uses described in Condition No. 1.
- (2) This PD Permit shall expire and become null and void if the Permittee fails to obtain a Zoning Clearance for Construction within one year from the date the decision of this PD becomes effective in accordance with the Ventura County Coastal Zoning Ordinance (§ 8181-7.7). The Planning Director may grant a one-year extension of time to the Permittee in order to obtain the Zoning Clearance for Construction if the Permittee can demonstrate to the satisfaction of the Planning Director that the Permittee has made a diligent effort to implement the Project, and the Permittee has requested the time extension in writing prior to the one-year expiration date.
- (3) Prior to the issuance of the Zoning Clearance for Construction, all fees and charges billed to that date by any County agency, as well as any fines, penalties, and sureties, must be paid in full. After issuance of the Zoning Clearance for Construction, any final billed processing fees must be paid within 30 days of the billing date or the County may revoke this PD.

8. Documentation Verifying Compliance with Other Agencies' Requirements Related to this PD Permit

Purpose: To ensure compliance with, and notification of, federal, state, and/or local government regulatory agencies that have requirements that pertain to the Project

(Condition No. 1, above) that is the subject of this PD Permit and the completion of Mitigation and Monitoring Reporting Program.

Requirement: Upon the request of the Planning Director, the Permittee shall provide the Planning Division with documentation (e.g., copies of permits or agreements from other agencies, which are required pursuant to a condition of this PD Permit) to verify that the Permittee has obtained or satisfied all applicable federal, state, and local entitlements and conditions that pertain to the Project.

Documentation: The Permittee shall provide this documentation to Planning Division staff in the form that is acceptable to the agency issuing the entitlement or clearance, to be included in the Planning Division Project file.

Timing: The documentation shall be submitted to the Planning Division prior to the issuance of the Zoning Clearance for Construction.

Monitoring and Reporting: The Planning Division maintains the documentation provided by the Permittee in the respective Project file. In the event that the federal, state, or local government regulatory agency prepares new documentation due to changes in the Project or the other agency's requirements, the Permittee shall submit the new documentation within 30 days of receipt of the documentation from the other agency.

9. Notice of PD Permit Requirements and Retention of PD Permit Conditions On Site

Purpose: To ensure full and proper notice of these PD Permit conditions affecting the use of the subject property.

Requirement: Unless otherwise required by the Planning Director, the Permittee shall notify, in writing, the Property Owner(s) of record, contractors, and all other parties and vendors who regularly conduct activities associated with the Project, of the pertinent conditions of this PD Permit.

Documentation: The Permittee shall maintain a current set of PD Permit conditions and exhibits at the project site.

Timing: Prior to issuance of a Zoning Clearance for Construction and throughout the life of the Project.

Monitoring and Reporting: The Planning Division has the authority to conduct periodic site inspections to ensure ongoing compliance with this condition consistent with the requirements of § 8183-5 of the Ventura County Coastal Zoning Ordinance.

10. Defense and Indemnification

- a. The Permittee shall defend, at the Permittee's sole expense with legal counsel acceptable to the County, against any and all claims, actions, or proceedings against the County, any other public agency with a governing body consisting of the members of the County Board of Supervisors, or any of their respective board members, officials, employees and agents (collectively, "Indemnified Parties") arising out of or in any way related to the County's issuance, administration, or enforcement of this PD. The County shall promptly notify the Permittee of any such claim, action or proceeding and shall cooperate fully in the defense.
- b. The Permittee shall also indemnify and hold harmless the Indemnified Parties from and against any and all losses, damages, awards, fines, expenses, penalties, judgments, settlements, or liabilities of whatever nature, including but not limited to court costs and attorney fees (collectively, "Liabilities"), arising out of or in any way related to any claim, action or proceeding subject to subpart (a) above, regardless of how a court apportions any such Liabilities as between the Permittee, the County, and/or third parties.
- c. Except with respect to claims, actions, proceedings, and Liabilities resulting from an Indemnified Party's sole active negligence or intentional misconduct, the Permittee shall also indemnify, defend (at Permittee's sole expense with legal counsel acceptable to County), and hold harmless the Indemnified Parties from and against any and all claims, actions, proceedings, and Liabilities arising out of, or in any way related to, the construction, maintenance, land use, or operations conducted pursuant to this PD, regardless of how a court apportions any such Liabilities as between the Permittee, the County, and/or third parties. The County shall promptly notify the Permittee of any such claim, action, or proceeding and shall cooperate fully in the defense.
- d. Neither the issuance of this PD, nor compliance with the conditions hereof, shall relieve the Permittee from any responsibility otherwise imposed by law for damage to persons or property; nor shall the issuance of this CPD serve to impose any liability upon the Indemnified Parties for injury or damage to persons or property.

11. Invalidation of Condition(s)

If any of the conditions or limitations of this PD Permit are held to be invalid in whole or in part by a court of competent jurisdiction, that holding shall not invalidate any of the remaining PD conditions or limitations. In the event that any condition imposing a fee, exaction, dedication, or other mitigation measure is challenged by the Permittee in an action filed in a court of competent jurisdiction, or threatened to be filed therein, the

Permittee shall be required to fully comply with this PD Permit, including without limitation, by remitting the fee, exaction, dedication, and/or by otherwise performing all mitigation measures being challenged. This PD Permit shall continue in full force unless, until, and only to the extent invalidated by a final, binding judgment issued in such action.

If a court of competent jurisdiction invalidates any condition in whole or in part, and the invalidation would change the findings and/or the mitigation measures associated with the approval of this PD Permit, at the discretion of the Planning Director, the Planning Director may review the project and impose substitute feasible conditions/mitigation measures to adequately address the subject matter of the invalidated condition. The Planning Director shall make the determination of adequacy. If the Planning Director cannot identify substitute feasible conditions/mitigation measures to replace the invalidated condition and cannot identify overriding considerations for the significant impacts that are not mitigated to a level of insignificance as a result of the invalidation of the condition, then this PD Permit may be revoked.

12. Consultant Review of Information and Consultant Work

The County and all other County permitting agencies for the Project have the option of referring any and all special studies that these conditions require to an independent and qualified consultant for review and evaluation of issues beyond the expertise or resources of County staff.

Prior to the County engaging any independent consultants or contractors pursuant to the conditions of this PD Permit, the County shall confer in writing with the Permittee regarding the necessary work to be contracted, as well as the estimated costs of such work. Whenever feasible, the County will use the lowest responsible bidder or proposer. Any decisions made by County staff in reliance on consultant or contractor work may be appealed pursuant to the appeal procedures contained in the Ventura County Zoning Ordinance Code then in effect.

The Permittee may hire private consultants to conduct work required by the County, but only if the consultant and the consultant's proposed scope-of-work are first reviewed and approved by the County. The County retains the right to hire its own consultants to evaluate any work that the Permittee or a contractor of the Permittee undertakes. In accordance with Conditions No. 10 above, if the County hires a consultant to review any work undertaken by the Permittee, or hires a consultant to review the work undertaken by a contractor of the Permittee, the hiring of the consultant will be at the Permittee's expense.

13. Relationship of PD Permit Conditions, Laws, and Other Entitlements

The Permittee shall implement the Project in compliance with all applicable requirements and enactments of federal, state, and local authorities. In the event of conflict between various requirements, the more restrictive requirements shall apply. In the event the Planning Director determines that any PD Permit condition contained herein is in conflict with any other PD Permit condition contained herein, when principles of law do not provide to the contrary, the PD Permit condition most protective of public health and safety and environmental resources shall prevail to the extent feasible.

No condition of this PD Permit for uses allowed by the Ventura County Ordinance Code shall be interpreted as permitting or requiring any violation of law, lawful rules, or regulations, or orders of an authorized governmental agency. Neither the approval of this PD Permit nor compliance with the conditions of this PD Permit, shall relieve the Permittee from any responsibility otherwise imposed by law for damage to persons or property.

14. Contact Person

Purpose: To designate a person responsible for responding to complaints.

Requirement: The Permittee shall designate a contact person(s) to respond to complaints from citizens and the County which are related to the permitted uses of this PD Permit.

Documentation: The Permittee shall provide the Planning Director with the contact information (e.g., name and/or position title, address, business and cell phone numbers, and email addresses) of the Permittee's field agent who receives all orders, notices, and communications regarding matters of condition and code compliance at the Project site.

Timing: Prior to the issuance of a Zoning Clearance for Construction, the Permittee shall provide the Planning Division the contact information of the Permittee's field agent(s) for the Project file. If the address or phone number of the Permittee's field agent(s) should change, or the responsibility is assigned to another person, the Permittee shall provide Planning Division staff with the new information in writing within three calendar days of the change in the Permittee's field agent.

Monitoring and Reporting: The Planning Division maintains the contact information provided by the Permittee in the Project file. The Planning Division has the authority to periodically confirm the contact information consistent with the requirements of § 8183-5 of the Ventura County Coastal Zoning Ordinance.

15. Biological Resources Best Management Practices

Purpose: In order to minimize any potential adverse effects on biological resources during project implementation.

Requirement: The Permittee shall implement the avoidance and minimization measures to prevent potential impacts on protected species and ecological communities listed in Section 4.2 of the May 4, 2021 Initial Study Biological Assessment (Exhibit 7 of the Planning Director staff report for the June 30, 2021 hearing).

Documentation: No additional documentation is required beyond the May 4, 2021 ISBA.

Timing: The avoidance and minimization measures shall be implemented through project construction activities.

Monitoring: Caltrans staff and consultants will monitor the construction activities for adherence with the required measures. Planning Division staff will also respond to any complaints.

16. Avoidance of Nesting Birds

Purpose: In order to prevent impacts to birds protected under the Migratory Bird Treaty Act, land clearing and construction activities shall be regulated.

Requirement: The Permittee shall conduct all demolition, tree removal/trimming, vegetation clearing, and grading activities (collectively, "land clearing activities"), and construction in such a way as to avoid nesting native birds. This can be accomplished by implementing one of the following options:

- a. Timing of land clearing or construction: Prohibit land clearing or construction activities during the breeding and nesting season January 1 – September 15 for Ventura County CZO), in which case the following surveys are not required; or
- b. Surveys and avoidance of occupied nests: Conduct site-specific surveys prior to land clearing or construction activities during the breeding and nesting season (January 1 – September 15 for Ventura County CZO) and avoid occupied bird nests. A County-approved biologist shall conduct surveys to identify any occupied (active) bird nests in the area proposed for disturbance. Occupied nests shall be avoided until juvenile birds have vacated the nest.

The County-approved biologist shall conduct an initial breeding and nesting bird survey 30 days prior to the initiation of land clearing or construction activities. The County-approved biologist shall continue to survey the Project site on a weekly basis, with the last survey completed no more than 3 days prior to the initiation of land clearing activities. The nesting bird survey must cover the development footprint and 300 feet from the development footprint. If occupied (active) nests are found, land clearing activities within a setback area

surrounding the nest shall be postponed or halted. Land clearing activities may commence in the setback area when the nest is vacated (juveniles have fledged) provided that there is no evidence of a second attempt at nesting, as determined by the County-approved biologist. Land clearing activities can also occur outside of the setback areas. Pursuant to the recommendations of the California Department of Fish and Wildlife, the required setback is 300 feet for most birds and 500 feet for raptors. This setback can be increased or decreased based on the recommendation of the County-approved biologist and approval from the Planning Division.

Documentation: The Permittee shall provide to the Planning Division a Survey Report from a County-approved biologist documenting the results of the initial nesting bird survey and a plan for continued surveys and avoidance of nests in accordance with the requirements set forth in this condition (above). Along with the Survey Report, the Permittee shall provide a copy of a signed contract (financial information redacted) with a County-approved biologist responsible for the surveys, monitoring of any occupied nests discovered, and establishment of mandatory setback areas. The Permittee shall submit to the Planning Division a Mitigation Monitoring Report from a County-approved biologist following land clearing activities documenting actions taken to avoid nesting birds and results.

Timing: If land clearing or construction activities will occur between January 1 – September 15 for Ventura County CZO, the County-approved biologist shall conduct the nesting bird surveys 30 days prior to initiation of land clearing or construction activities, and weekly thereafter. The last survey for nesting birds shall be conducted no more than 3 days prior to initiation of land clearing or construction activities. The Permittee shall submit the Survey Report documenting the results of the first nesting bird survey and the signed contract to the Planning Division prior to issuance of a zoning clearance for construction. The Permittee shall submit the Mitigation Monitoring Report within 14 days of completion of the land clearing or construction activities.

Monitoring and Reporting: The Planning Division reviews the Survey Report and signed contract for adequacy prior to issuance of a Zoning Clearance for Construction. The Planning Division maintains copies of the signed contract, Survey Report, and Mitigation Monitoring Report in the Project file. (PL-47)

17. Construction Noise

Purpose: In order for this project to comply with the Ventura County General Plan Goals, Policies and Programs Noise Policy 2.16.2-1(5) and the County of Ventura Construction Noise Threshold Criteria and Control Plan (Amended 2010).

Requirement: The Permittee shall limit construction activity for site preparation and development to the hours between 7:00 a.m. and 7:00 p.m., Monday through Friday,

and from 9:00 a.m. to 7:00 p.m. Saturday, Sunday, and State holidays. Construction equipment maintenance shall be limited to the same hours. Non-noise generating construction activities such as interior painting are not subject to these restrictions.

Documentation: The Permittee shall post a sign stating these restrictions in a conspicuous location on the Project site, in order so that the sign is visible to the general public. The Permittee shall provide photo documentation showing posting of the required signage to the Planning Division, prior to the commencement of grading and construction activities. The sign must provide a telephone number of the site foreman, or other person who controls activities on the jobsite, for use for complaints from the public. The Permittee shall maintain a "Complaint Log," noting the date, time, complainant's name, complaint, and any corrective action taken, in the event that the Permittee receives noise complaints. The Permittee must submit the "Complaint Log" to the Planning Division upon the Planning Director's request.

Timing: The Permittee shall install the sign prior to the issuance of Zoning Clearance No. 1 and throughout all grading and construction activities. The Permittee shall maintain the signage on-site until all grading and construction activities are complete. If the Planning Director requests the Permittee to submit the "Complaint Log" to the Planning Division, the Permittee shall submit the "Complaint Log" within one day of receiving the Planning Director's request.

Monitoring and Reporting: The Planning Division reviews, and maintains in the Project file, the photo documentation of the sign and the "Complaint Log." The Planning Division has the authority to conduct site inspections and take enforcement actions to ensure that the Permittee conducts grading and construction activities in compliance with this condition, consistent with the requirements of § 8183-5 of the *Ventura County Coastal Zoning Ordinance*.

18. Paleontological Resources Discovered During Grading

Purpose: In order to mitigate potential impacts to paleontological resources that may be encountered during ground disturbance or construction activities.

Requirement: If any paleontological remains are uncovered during ground disturbance or construction activities, the Permittee shall:

- a. Cease operations and assure the preservation of the area in which the discovery was made;
- b. Notify the Planning Director in writing, within three days of the discovery;

- c. Obtain the services of a paleontological consultant or professional geologist who shall assess the find and provide a report that assesses the resources and sets forth recommendations on the proper disposition of the site;
- d. Obtain the Planning Director's written concurrence with the recommended disposition of the site before resuming development; and
- e. Implement the agreed upon recommendations.

Documentation: The Permittee shall submit the paleontologist's or geologist's reports. Additional documentation may be required to demonstrate that the Permittee has implemented the recommendations set forth in the paleontological report.

Timing: If any paleontological remains are uncovered during ground disturbance or construction activities, the Permittee shall provide the written notification to the Planning Director within three days of the discovery. The Permittee shall submit the paleontological report to the Planning Division immediately upon completion of the report.

Monitoring and Reporting: The Permittee shall provide the paleontological report to the Planning Division to be made part of the Project file. The Permittee shall implement any recommendations made in the paleontological report to the satisfaction of the Planning Director. The paleontologist shall monitor all ground disturbance activities within the area in which the discovery was made, in order to ensure the successful implementation of the recommendations made in the paleontological report. The Planning Division has the authority to conduct site inspections to ensure that the Permittee implements the recommendations set forth in the paleontological report, consistent with the requirements of § 8183-5 of the Ventura County Coastal Zoning Ordinance.

19. Archeological Resources Discovered During Grading

Purpose: In order to mitigate potential impacts to archaeological resources discovered during ground disturbance.

Requirement: The Permittee shall implement the following procedures:

a. If any archaeological or historical artifacts are uncovered during ground disturbance or construction activities, the Permittee shall:

(1) Cease operations and assure the preservation of the area in which the discovery was made;

(2) Notify the Planning Director in writing, within three days of the discovery;

(3) Obtain the services of a County-approved archaeologist who shall assess the find and provide recommendations on the proper disposition of the site in a written report format;

(4) Obtain the Planning Director's written concurrence of the recommended disposition of the site before resuming development; and

(5) Implement the agreed upon recommendations.

b. If any human burial remains are encountered during ground disturbance or construction activities, the Permittee shall:

(1) Cease operations and assure the preservation of the area in which the discovery was made;

(2) Immediately notify the County Coroner and the Planning Director;

(3) Obtain the services of a County-approved archaeologist and, if necessary, Native American Monitor(s), who shall assess the find and provide recommendations on the proper disposition of the site in a written report format;

(4) Obtain the Planning Director's written concurrence of the recommended disposition of the site before resuming development on-site; and

(5) Implement the agreed upon recommendations.

Documentation: If archaeological remains are encountered, the Permittee shall submit a report prepared by a County-approved archaeologist including recommendations for the proper disposition of the site. Additional documentation may be required to demonstrate that the Permittee has implemented any recommendations made by the archaeologist's report.

Timing: If any archaeological remains are uncovered during ground disturbance or construction activities, the Permittee shall provide the written notification to the Planning Director within three days of the discovery. The Permittee shall submit the archaeological report to the Planning Division immediately upon completion of the report.

Monitoring and Reporting: The Permittee shall provide the archaeological report to the Planning Division to be made part of the Project file. The Permittee shall implement any recommendations made in the archaeological report to the satisfaction of the Planning Director. The archaeologist shall monitor all ground disturbance activities within the area in which the discovery was made, in order to ensure the successful

implementation of the recommendations made in the archaeological report. The Planning Division has the authority to conduct site inspections to ensure that the Permittee implements the recommendations set forth in the archaeological report, consistent with the requirements of § 8183-5 of the Ventura County Coastal Zoning Ordinance.

20. Caltrans Avoidance and Minimization Measures

Caltrans will incorporate all applicable Avoidance and Minimization Measures regarding CRLF and SWWFC as identified in the Programmatic Biological Opinion issued by U.S. Fish and Wildlife Service to the Federal Highways Administration (1-8-02-F-68).

If bats or their signs are determined to be present by the project biologist, pre-construction surveys must be conducted within 3 business days of commencement of work, and the Resident Engineer must notify the biologist. If bats are present, exclusionary devices must be employed by the contractor to keep the bats from roosting.

Biological surveys of the project area shall be performed in locations having increased biological sensitivity as determined by the District Biologist. Surveys shall be conducted at most one week prior to the clearing and grubbing of vegetation.

Wherever possible, vegetation would be trimmed and/or removed outside of core nesting period (February 1st - September 1st).

Caltrans will properly maintain, remove from the work site, and dispose of regularly all trash that may attract predators. Caltrans will remove all trash and construction debris from work areas following construction.

The removal and/or disturbance of vegetation will be minimized to the greatest extent possible.

At least 2 business days before using vehicles and equipment on the job site, the contractor must submit a signed statement that the vehicles and equipment have been cleaned of soil, seeds, vegetative matter, and other such debris that may introduce or spread invasive species.

Erosion control measures are to be applied to all disturbed slopes. If seeds are to be used to revegetate the slope, native plant materials and seed species will be determined by Caltrans District Landscape Architects, Coastal Commission, and California Department of Fish and A weed abatement program will be developed to minimize the importation of nonnative plant material during and after construction. Eradication strategies will be employed should an invasion occur. At a minimum, this program will include the following measures:

- During construction, the construction contractor shall inspect and clean construction equipment at the beginning and end of each day and prior to transporting equipment from one project location to another.
- During construction, soil and vegetation disturbance will be minimized to the greatest extent feasible.
- During construction, the contractor shall ensure that all active portions of the construction site are watered a minimum of twice daily or more often when needed due to dry or windy conditions to prevent excessive amounts of dust.
- During construction, the contractor shall ensure that all material stockpiled is sufficiently watered or covered to prevent excessive amounts of dust.
- During construction, soil/gravel/rock will be obtained from weed-free sources.
- Only certified weed-free straw, mulch, and/or fiber rolls will be used for erosion control.
- After construction, affected areas adjacent to native vegetation will be revegetated with plant species approved by the District Biologist that are native to the vicinity.
- Replacement tree planting shall occur within suitable, onsite areas at ratios that ensure success of the planted species.
- After construction, all revegetated areas will avoid the use of species listed on Cal-IPC's California Invasive Plant Inventory.
- The planting of invasive trees shall be prohibited.
- Erosion control and revegetation sites will be monitored during construction.

Caltrans will not use herbicides as the primary method to control invasive, exotic plants. If herbicides are the only feasible method for controlling invasive, exotic plants Caltrans will implement the protective measures described in the avoidance and minimization measure 18 of the PBO to reduce drift and overspray of herbicides in the project area.

All applicable Construction Best Management Practices for water quality shall be implemented to minimize project affects to jurisdictional drainages. All Federal and State litter laws shall be followed by the contractors.

A site-specific investigation will be conducted at the final design phase to investigate the subsurface conditions including depth to groundwater.

Any work that requires creek access will take place during the dry season (June 1st to November 1st) and a water diversion method will ensure the work area is free from moisture.

The contractor must follow Caltrans and CDFW manuals for deployment of sediment control devices. Typical sediment control devices include siltation curtains, sandbags, hay bales, filter fabrics, and fiber rolls.

Heavy equipment shall be positioned away from the creek channel at the end of each workday. All heavy equipment will be checked for oil leaks, gas, hydraulic fluid, and any other pollutant which could impact water quality and instream habitat each workday prior to being deployed into the project area. Drip pans should be installed on all equipment working in the project area to control leaks and for the purpose of avoiding water quality impacts to surface water.

Vehicle maintenance will not be conducted in the streambed, herein defined as the channel through which a natural stream of water runs or used to run.

The local riverbed and unpaved soil at Willow/Los Sauces Creek Bridge will require protection so that debris does not fall into the river. All debris falling on the ground must be immediately cleaned up and work stopped until debris is removed. After completion of work, testing of unpaved soil below the work area is required to ensure soil was not impacted during construction.

Removal of the wood posts, railings, MBGRs, and piping may result in debris from the TWW, paint, concrete and ACM entering the underlying creeks and water. These activities must be performed to capture any debris that may fall into the water and soil below. All debris falling on the ground or into the water must be immediately cleaned up and work stopped until debris is removed.

Caltrans will conduct all refueling, maintenance, and staging of equipment and vehicles at least 60 feet from riparian habitat or water bodies in a location where a spill would not drain towards aquatic habitat. Caltrans will ensure that contamination of habitat does not occur during such operations. Caltrans will ensure a spill response plan is in place prior to onset of work.

PUBLIC WORKS AGENCY CONDITIONS

Integrated Waste Management

21. Construction and Demolition Debris Recycling Plan (Form B)

Purpose: Ordinance 4421 requires the Permittee to divert recyclable construction and demolition (C&D) materials generated by their project (e.g., wood, metal, green waste, soil, concrete, asphalt, paper, cardboard, etc.) from local landfills through recycling, reuse, or salvage. Review Ordinance 4421 at: <https://www.vcpublishworks.org/wsd/iwmd/businessrecycling/#GreenWasteProcessing> Further, the 2016 California Green Building Code Sections 4.408 and 5.408 require a minimum of 65% diversion of construction and demolition materials from landfill disposal.

Requirement: The Permittee must submit a comprehensive recycling plan (Form B – Recycling Plan) to the IWMD for any proposed construction and/or demolition projects that require a building permit.

Documentation: The Form B – Recycling Plan must ensure a minimum of 65% of the recyclable C&D debris generated by the project will be diverted from the landfill by recycling, reuse, or salvage. A copy of Form B is available at: [http://onestop.vcpublishworks.org/integrated waste management forms](http://onestop.vcpublishworks.org/integrated_waste_management_forms).

A comprehensive list of permitted recyclers, County franchised haulers, and solid waste & recycling facilities in Ventura County is available at: <http://onestoppermit.ventura.org/>. A list of local facilities permitted to recycle soil, wood, and greenwaste is available at: <https://www.vcpublishworks.org/wsd/iwmd/businessrecycling/#GreenWasteProcessing> . A complete list of County franchised solid waste haulers is available at: [https://www.vcpublishworks.org/wsd/iwmd/construction/#solid waste collectors](https://www.vcpublishworks.org/wsd/iwmd/construction/#solid_waste_collectors)

Timing: Upon Building and Safety Division's issuance of a building permit for the project, the Permittee must submit a Form B – Recycling Plan to the IWMD for approval.

Monitoring & Reporting: The Permittee is required to keep a copy of their approved Form B – Recycling Plan until Building and Safety Division's issuance of final permit. (IWMD-2)

22. Construction and Demolition Reporting Form (Form C)

Purpose: Ordinance 4421 requires the Permittee to divert recyclable construction and demolition (C&D) materials generated by their project (e.g., wood, metal, green waste, soil, concrete, paper, cardboard, plastic containers, etc.) from local landfills through recycling, reuse, or salvage. Review Ordinance 4421 at: <http://onestop.vcpublishworks.org/integrated-waste-management-laws-ordinances>. The 2016 California Green Building Code Sections 4.408 and 5.408 require a minimum of 65% diversion of construction and demolition materials from landfill disposal.

Requirement: The Permittee must submit a Form C – Reporting Form to the IWMD for approval upon issuance of their final Building and Safety Division permit. A copy of Form C – Reporting Form is available at <https://www.vcpublishworks.org/wsd/iwmd/businessrecycling/#GreenWasteProcessing>

Documentation: The Permittee must submit original recycling facility receipts and/or documentation of reuse with their Form C – Reporting Form to verify a minimum of 65% of the recyclable C&D debris generated by their project was diverted from the landfill.

Timing: A completed Form C – Reporting Form, with required recycling facility receipts and/or documentation or reuse, must be submitted to the IWMD for approval at the time of Building and Safety Division’s issuance of final permit.

Monitoring & Reporting: The Permittee is required to keep a copy of their approved Form C – Reporting Form until Building and Safety Division’s issuance of final permit. (IWMD-3)

Water Quality Section

23. Compliance with Stormwater Development Construction Program

Purpose: To ensure compliance with the Los Angeles Regional Water Quality Control Board NPDES Municipal Stormwater Permit No.CAS004002 (Permit) the proposed project will be subject to the construction requirements for surface water quality and storm water runoff in accordance with Part 4.F., “Development Construction Program” of the Permit.

Requirement: The construction of the proposed project shall meet requirements contained in Part 4.F. “Development Construction Program” of the Permit through the inclusion of effective implementation of the Construction BMPs during all ground disturbing activities.

Documentation: The Permittee shall submit to the Watershed Protection District – County Stormwater Program Section (CSP) for review and approval a completed and signed SW-1 form (Best Management Practices for Construction Less Than One Acre) which can be found at <http://onestop.vcpublishworks.org/stormwater-forms>.

Timing: The above listed item shall be submitted to the CSP for review and approval prior to issuance of a Zoning Clearance for Construction.

Monitoring and Reporting: CSP will review the submitted materials for consistency with the NPDES Municipal Stormwater Permit. Building Permit Inspectors will conduct inspections during construction to ensure effective installation of the required BMPs. (CSP-1)

OTHER VENTURA COUNTY AGENCIES CONDITIONS

Air Pollution Construction District

24. To ensure that fugitive dust and particulate matter that may result from construction

Purpose: To ensure that fugitive dust and particulate matter that may result from construction and grading activities are minimized to the greatest extent feasible.

Requirement: The Permittee shall comply with the provisions of applicable VCAPCD Rules and Regulations, which include but are not limited to, Rule 50 (Opacity), Rule 51 (Nuisance), and Rule 55 (Fugitive Dust).

Documentation: The project applicant shall ensure compliance with the following provisions:

I. The area disturbed by clearing, grading, earth moving, or excavation operations shall be minimized to prevent excessive amounts of dust.

II. Pre grading/excavation activities shall include watering the area to be graded or excavated before commencement of grading or excavation operations. Application of water should penetrate sufficiently to minimize fugitive dust during grading activities.

III. All trucks shall cover their loads as required by California Vehicle Code §23114.

IV. Fugitive dust throughout the construction site shall be controlled by the use of a watering truck or equivalent means (except during and immediately after rainfall). Water shall be applied to all unpaved roads, unpaved parking areas or staging areas, and active portions of the construction site. Environmentally safe dust control agents may be used in lieu of watering.

V. Graded and/or excavated inactive areas of the construction site shall be monitored at least weekly for dust stabilization. Soil stabilization methods, such as water and roll compaction, and environmentally safe dust control materials, shall be periodically applied to portions of the construction site that are inactive for over four days.

VI. Signs shall be posted onsite limiting traffic to 15 miles per hour or less.

VII. All clearing, grading, earth moving, or excavation activities shall cease during periods of high winds (i.e., wind speed sufficient to cause fugitive dust to be a nuisance or hazard to adjacent properties). During periods of high winds, all clearing, grading, earth moving, and excavation operations shall be curtailed to the degree necessary to prevent fugitive dust created by onsite activities and operations from being a nuisance or hazard, either offsite or onsite.

Timing: Throughout the construction phases of the project.

Reporting and Monitoring: Dust control is a standard condition on all Grading Permits issued by Publics Works Agency and grading inspector shall perform periodic site inspections throughout the grading period. Monitoring and Enforcement of dust related provisions shall also be conducted by APCD staff on a complaint driven basis.

25. To ensure that discharge of air contaminants (odors, dust, diesel exhaust, etc) that

Purpose: To ensure that discharge of air contaminants that may result from site operations are minimized to the greatest extent feasible.

Requirement: Facility shall be operated in accordance with the Rules and Regulations of the Ventura County Air Pollution Control District, with emphasis on Rule 51, Nuisance.

Documentation: The Permittee shall ensure compliance with the following provision:

- I. A person shall not discharge from any source whatsoever such quantities of air contaminants or other material which cause injury, detriment, nuisance or annoyance to any considerable number of persons or to the public or which endangers the comfort, repose, health or safety of any such persons or the public or which cause or have a natural tendency to cause injury or damage to business or property.

Timing: Throughout the life of the permit.

Reporting and Monitoring: Monitoring and Enforcement of the Nuisance Rule shall be conducted by APCD staff during compliance inspections and on a complaint basis.