

INDEX OF PLANS
SHEET DESCRIPTION
No.

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- 2 LOCATIONS OF CONSTRUCTION
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- 11 PAVEMENT DELINEATION DETAILS
- 12 PAVEMENT DELINEATION QUANTITIES
- 13- 18 REVISED AND NEW STANDARD PLANS

STRUCTURE PLANS

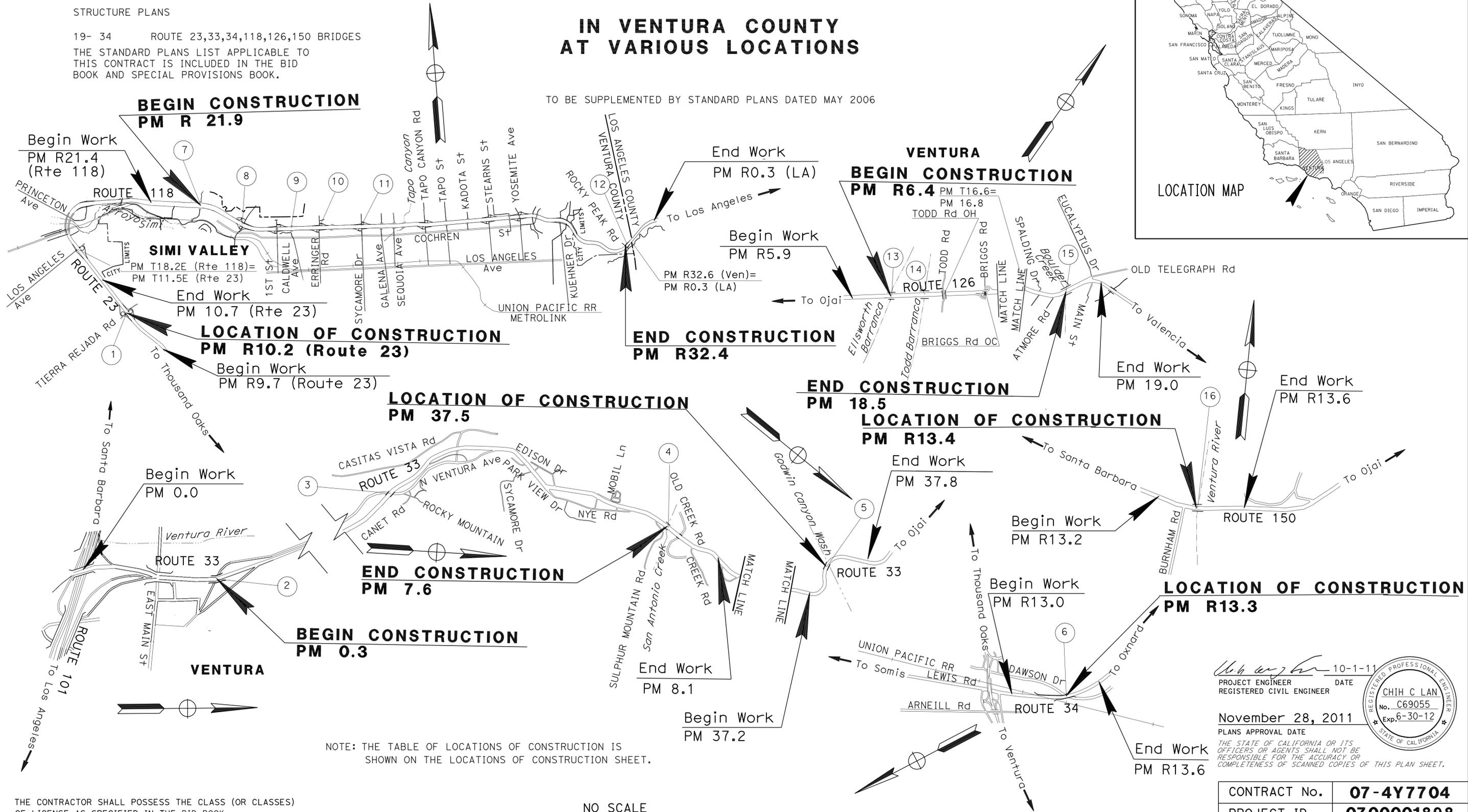
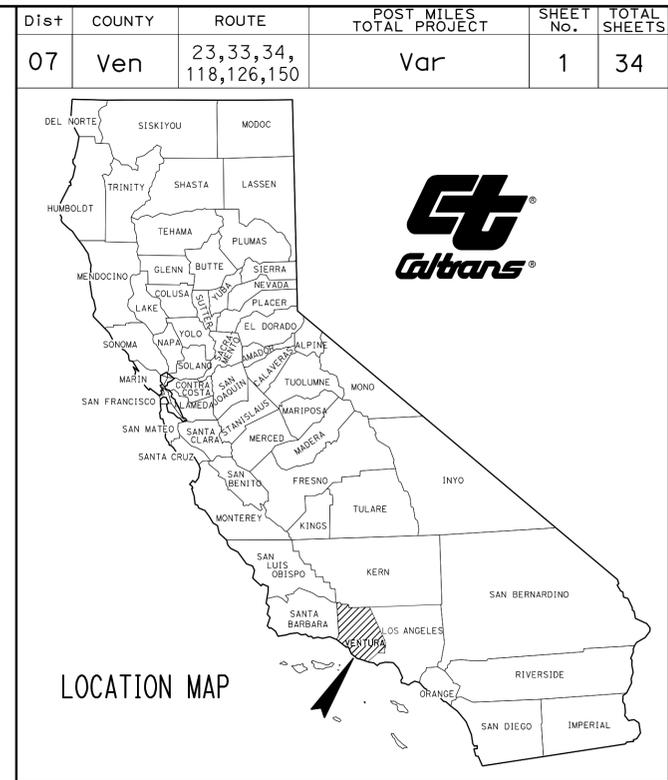
- 19- 34 ROUTE 23,33,34,118,126,150 BRIDGES
- THE STANDARD PLANS LIST APPLICABLE TO THIS CONTRACT IS INCLUDED IN THE BID BOOK AND SPECIAL PROVISIONS BOOK.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

PROJECT PLANS FOR CONSTRUCTION ON STATE HIGHWAY

IN VENTURA COUNTY AT VARIOUS LOCATIONS

TO BE SUPPLEMENTED BY STANDARD PLANS DATED MAY 2006



NOTE: THE TABLE OF LOCATIONS OF CONSTRUCTION IS SHOWN ON THE LOCATIONS OF CONSTRUCTION SHEET.

NO SCALE

PROJECT MANAGER
CHRISTIAN SAM

DESIGN ENGINEER
PAUL CRISPI

10-1-11
PROJECT ENGINEER DATE
REGISTERED CIVIL ENGINEER

November 28, 2011
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. **07-4Y7704**
PROJECT ID **0700001898**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans MAINTENANCE ENGINEERING

FUNCTIONAL SUPERVISOR
 PAUL J CRISPI

CALCULATED/DESIGNED BY
 CHECKED BY

CHIH LAN
 PAUL J CRISPI

REVISED BY
 DATE REVISED

NOTES:

BMA BIOLOGICAL MONITORING AREA

LOCATIONS OF CONSTRUCTION					
Loc	ROUTE	PM	BRIDGE No.	BRIDGE NAME	BMA
1	23	R10.16	52-0319L/R	TIERRA REJADA ROAD UC	
2	33	0.31	52-0240	MAIN STREET OFF-RAMP UC	
3	33	R5.30	52-0296L	VENTURA AVENUE UC	
4	33	7.58	52-0065	SAN ANTONIO CREEK	BMA 1
5	33	R37.52	52-0083	GODWIN CANYON	BMA 2
6	34	R13.27	52-0348	LEWIS ROAD OH	
7	118	R21.86	52-0355L/R	ALAMOS CANYON ROAD UC	
8	118	R22.99	52-0354L/R	MADERA ROAD UC	
9	118	R24.15	52-0346L/R	CALDWELL AVENUE UC	
10	118	R24.81	52-0326L/R	ERRINGER ROAD UC	
11	118	R25.81	52-0327L	SYCAMORE DRIVE UC	
12	118	R32.43	52-0283	ROCKY PEAK ROAD OC	
13	126	R6.43	52-0269L/R	ELLSWORTH BARRANCA	
14	126	R7.81	52-0250L/R	TODD BARRANCA	
15	126	18.53	52-0423	SESPE RANCH UC #2	
16	150	R13.42	52-0358	VENTURA RIVER	BMA 3

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	Ven	23,33,34 118,126,150	Var	2	34

 10-1-11
 REGISTERED CIVIL ENGINEER DATE

11-28-11
 PLANS APPROVAL DATE

CHIH LAN
 No. C69055
 Exp. 6-30-12
 CIVIL

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.

LOCATIONS OF CONSTRUCTION
LC-1

LAST REVISION DATE PLOTTED => 06-DEC-2011 10-11-10 TIME PLOTTED => 08:41

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	Ven	23,33,34, 118,126,150	Var	3	34

10-1-11
 REGISTERED CIVIL ENGINEER DATE
 CHIH LAN
 No. 69055
 Exp. 6-30-12
 CIVIL
 STATE OF CALIFORNIA

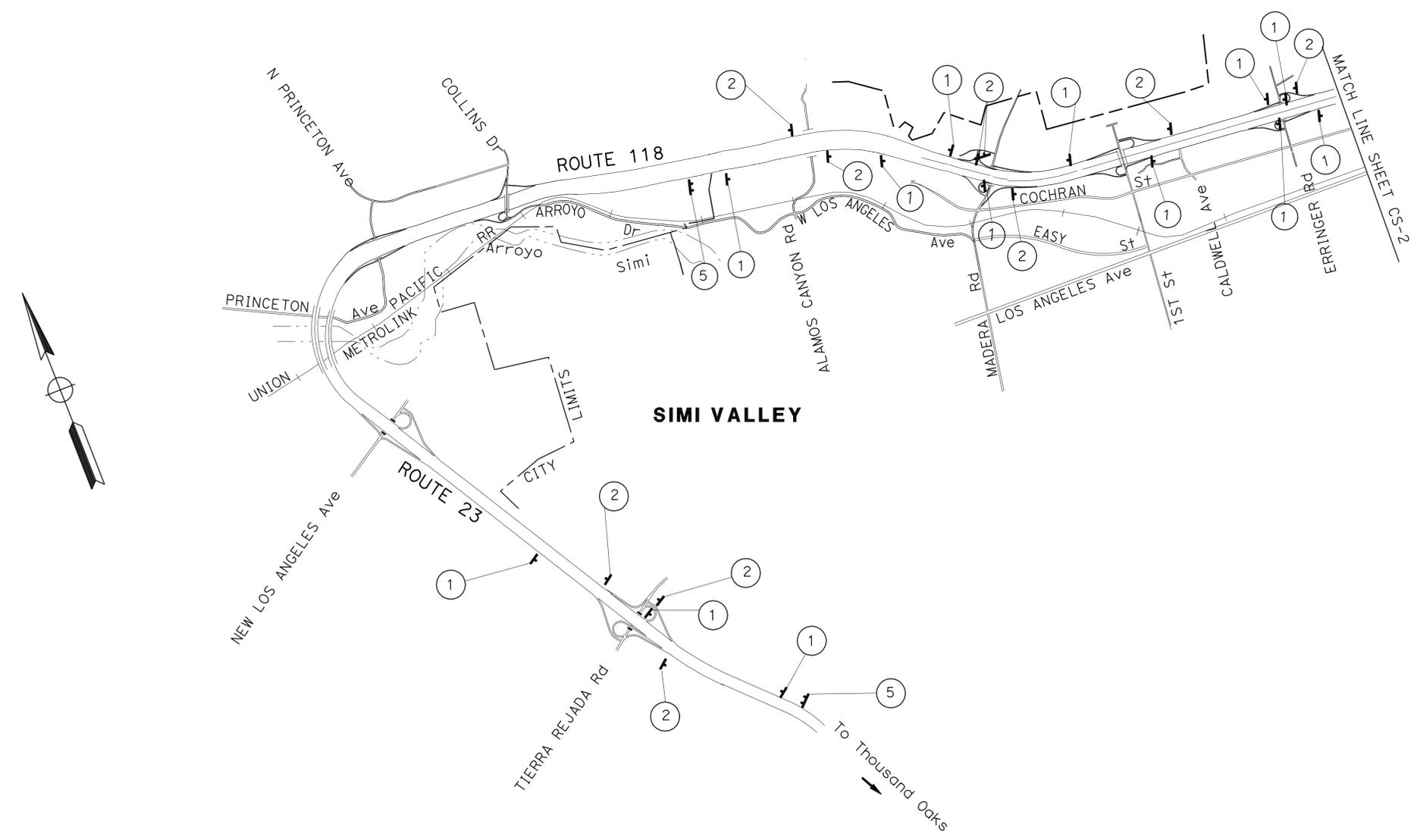
11-28-11
 PLANS APPROVAL DATE

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- NOTES:**
1. LOCATIONS OF CONSTRUCTION AREA SIGNS SHOWN ARE APPROXIMATE. EXACT SIGN LOCATIONS WILL BE DETERMINED BY THE ENGINEER.
 2. C40(CA) SIGNS SHALL BE PLACED APPROXIMATELY 500' IN ADVANCE OF W20-1 SIGNS OR AS DETERMINED BY THE ENGINEER.
 3. EXISTING UTILITY FACILITIES ARE NOT SHOWN ON THESE PLANS.
 4. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

- LEGEND:**
- (X) SIGN NUMBER
 - ↑ ONE POST SIGN
 - ↓ TWO POST SIGN

STATIONARY MOUNTED CONSTRUCTION AREA SIGNS					
SIGN No. (X)	SIGN CODE	SIGN MESSAGE	PANEL SIZE	NUMBER OF POSTS AND SIZE	NUMBER OF SIGNS
1	W20-1	ROAD WORK AHEAD	48" x 48"	1 - 6" x 6"	34
2	G20-2	END ROAD WORK	48" x 24"	1 - 4" x 4"	27
3	W20-1	ROAD WORK AHEAD	36" x 36"	1 - 6" x 6"	5
4	G20-2	END ROAD WORK	36" x 18"	1 - 4" x 4"	5
5	C40(CA)	TRAFFIC FINES DOUBLED IN CONSTRUCTION ZONES	144" x 60"	2 - 6" x 8"	13
6	C40(CA)	TRAFFIC FINES DOUBLED IN CONSTRUCTION ZONES	72" x 36"	2 - 4" x 8"	3



CONSTRUCTION AREA SIGNS
NO SCALE
CS-1

THIS PLAN ACCURATE FOR CONSTRUCTION AREA SIGN WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 CHIH LAN
 HECTOR OBESO
 HECTOR OBESO
 MAINTENANCE ENGINEERING

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans MAINTENANCE ENGINEERING

FUNCTIONAL SUPERVISOR
 HECTOR OBESO

CALCULATED-DESIGNED BY
 CHECKED BY

CHIH LAN
 HECTOR OBESO

REVISED BY
 DATE REVISED

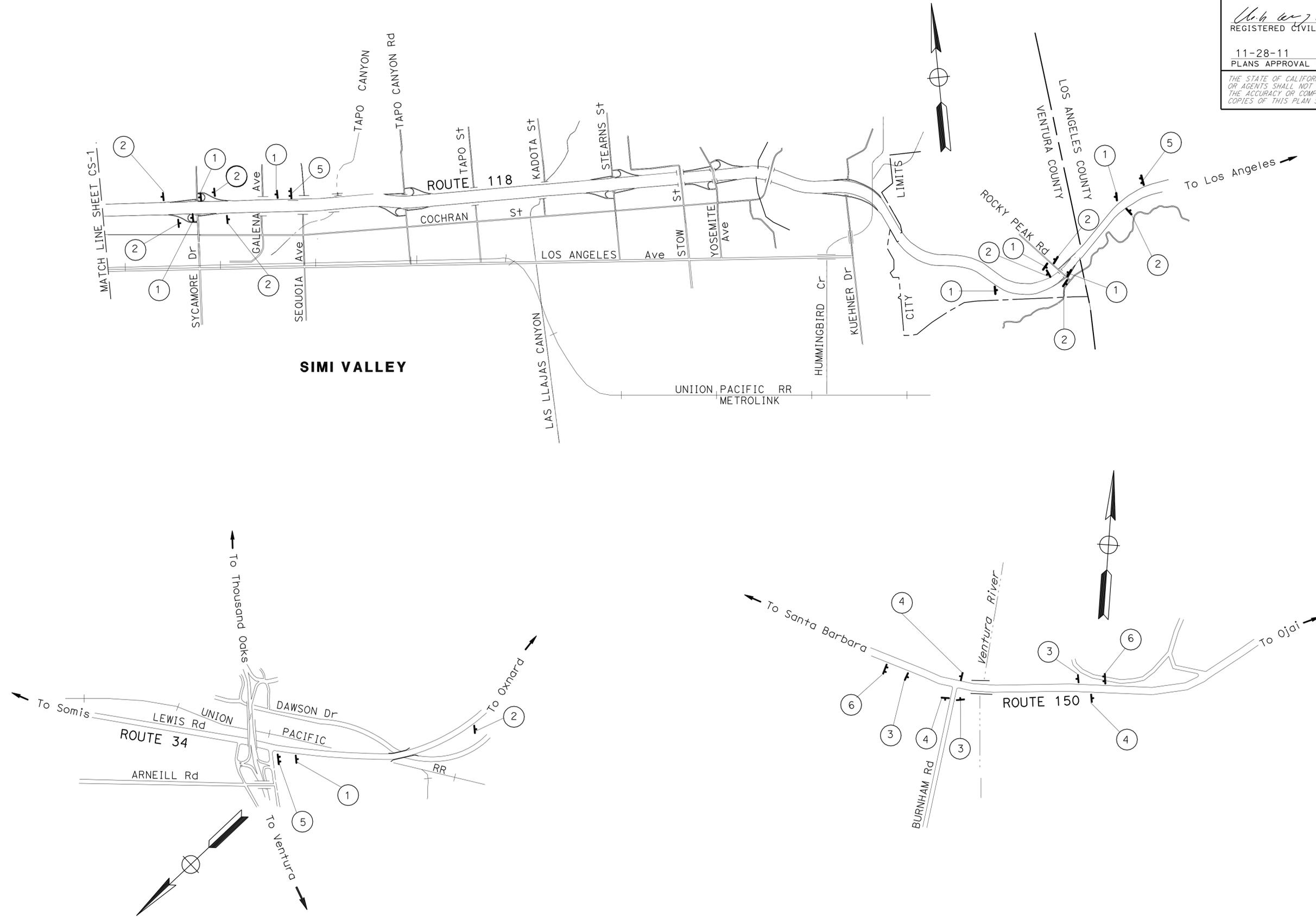
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	Ven	23,33,34, 118,126,150	Var	4	34

10-1-11
 REGISTERED CIVIL ENGINEER DATE

11-28-11
 PLANS APPROVAL DATE

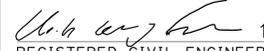
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

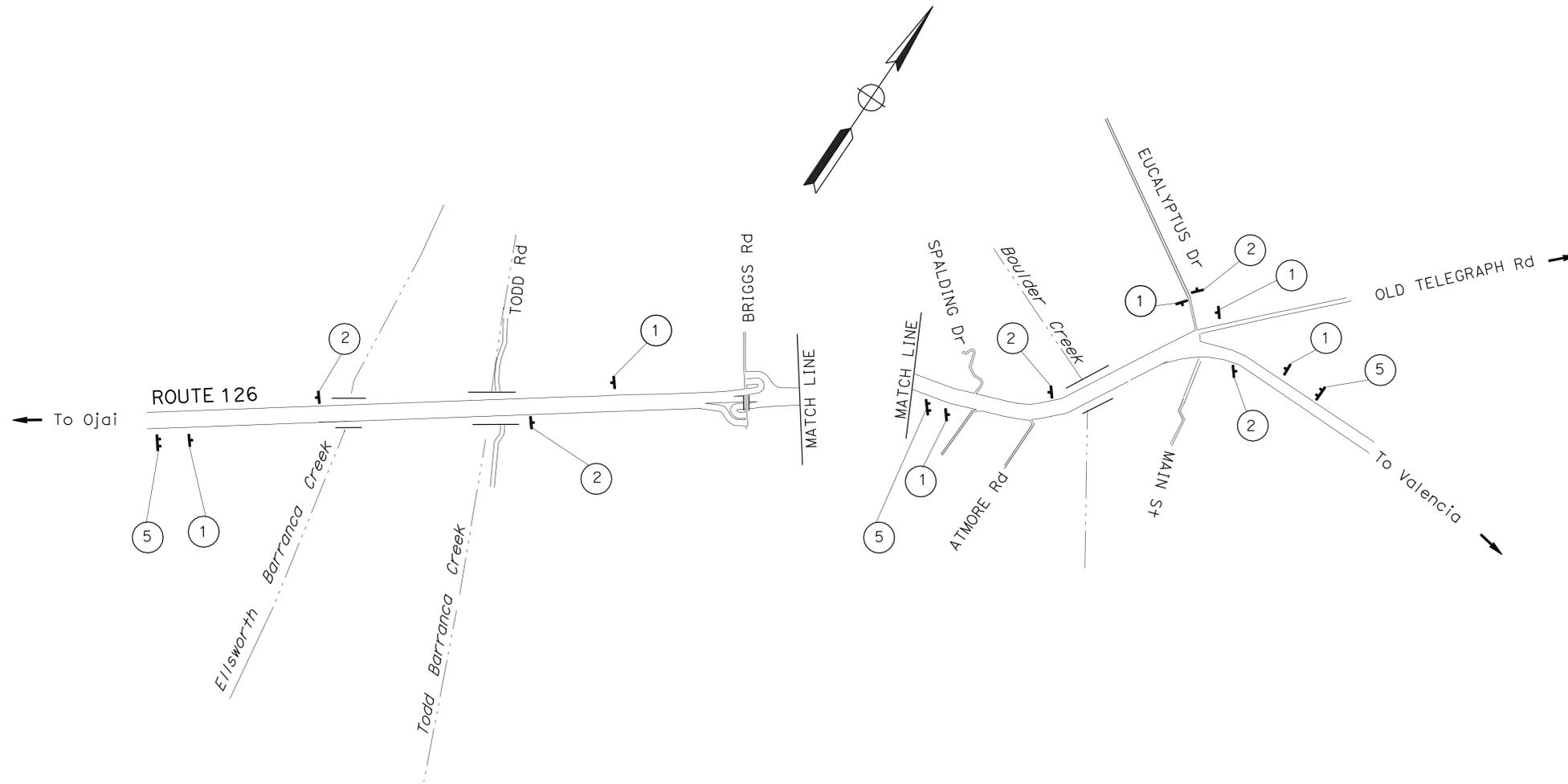
REGISTERED PROFESSIONAL ENGINEER
 CHIH LAN
 No. 69055
 Exp. 6-30-12
 CIVIL
 STATE OF CALIFORNIA



CONSTRUCTION AREA SIGNS
 NO SCALE
CS-2

THIS PLAN ACCURATE FOR CONSTRUCTION AREA SIGN WORK ONLY

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	Ven	23,33,34 118,126,150	Var	5	34
			10-1-11		
REGISTERED CIVIL ENGINEER			DATE		
11-28-11			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>					



CONSTRUCTION AREA SIGNS

NO SCALE

CS-3

THIS PLAN ACCURATE FOR CONSTRUCTION AREA SIGN WORK ONLY



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	FUNCTIONAL SUPERVISOR	CALCULATED/DESIGNED BY	REVISOR	REVISION
Caltrans MAINTENANCE ENGINEERING	HECTOR OBESO	HECTOR OBESO	CHIH LAN	HECTOR OBESO
BORDER LAST REVISED 7/2/2010	USERNAME => s125624 DGN FILE => 74Y7701a003.dgn	RELATIVE BORDER SCALE IS IN INCHES	UNIT 1965	PROJECT NUMBER & PHASE
				07000018981

LAST REVISION | DATE PLOTTED => 06-DEC-2011
 00-00-00 | TIME PLOTTED => 08:41

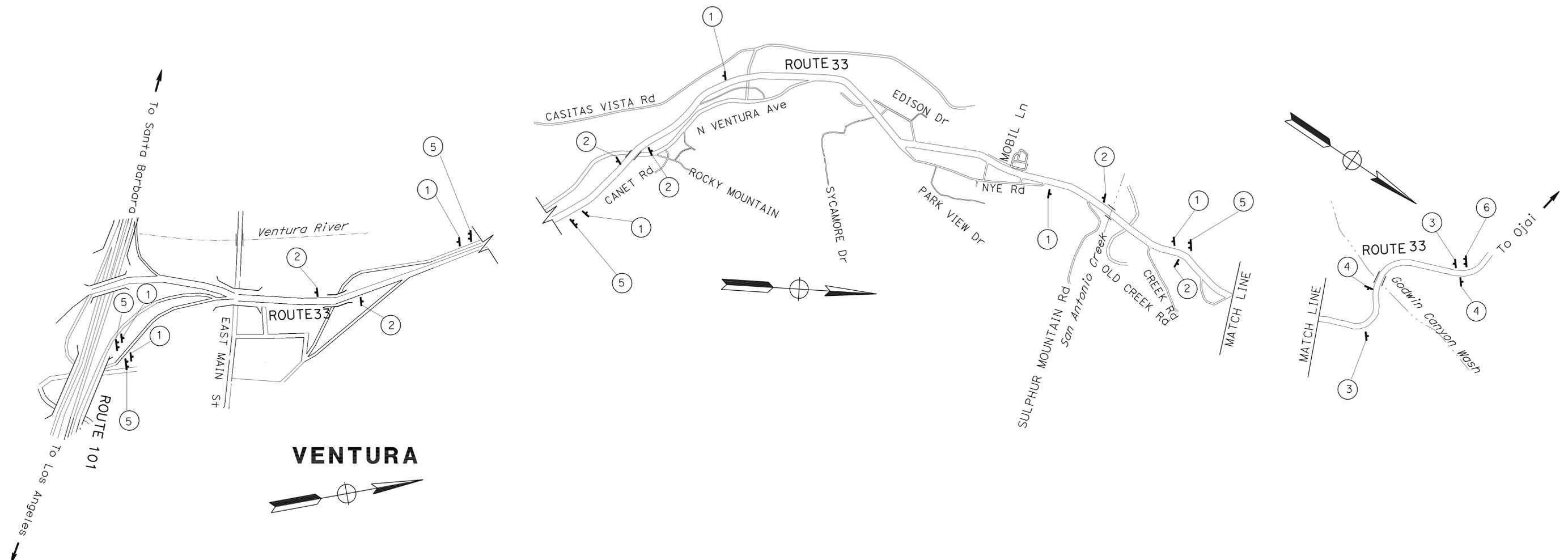
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	Ven	23,33,34 118,126,150	Var	6	34

10-1-11
 REGISTERED CIVIL ENGINEER DATE
 11-28-11
 PLANS APPROVAL DATE

CHIH LAN
 No. 69055
 Exp. 6-30-12
 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.

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	FUNCTIONAL SUPERVISOR	CALCULATED/DESIGNED BY	CHIH LAN	REVISOR	DATE
Caltrans MAINTENANCE ENGINEERING	HECTOR OBESO	CHECKED BY	HECTOR OBESO	DATE	REVISOR

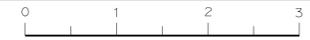


THIS PLAN ACCURATE FOR CONSTRUCTION AREA SIGN WORK ONLY

CONSTRUCTION AREA SIGNS

NO SCALE

CS-4

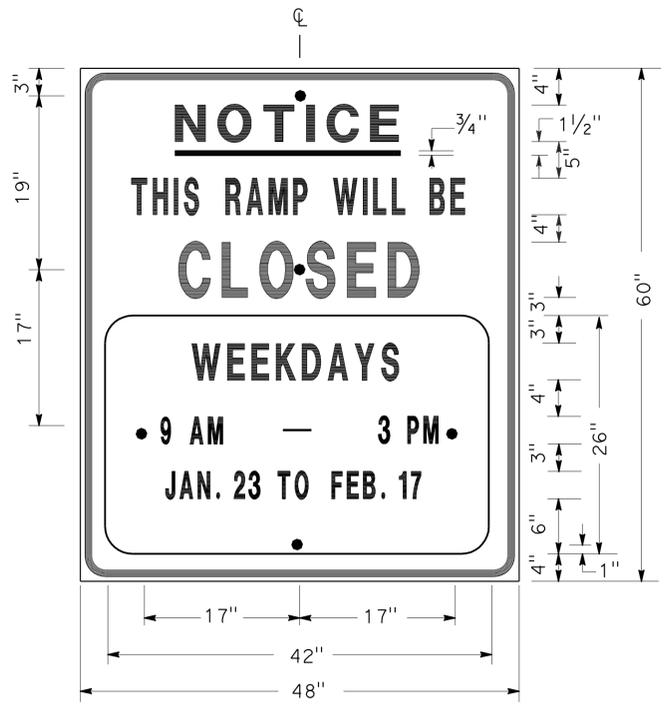


Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
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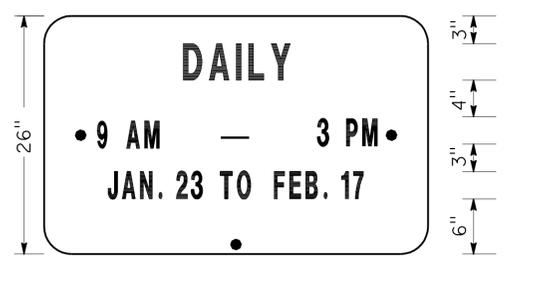
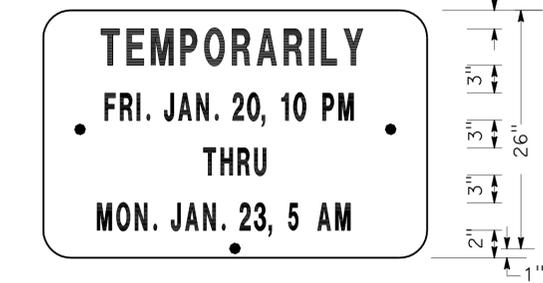
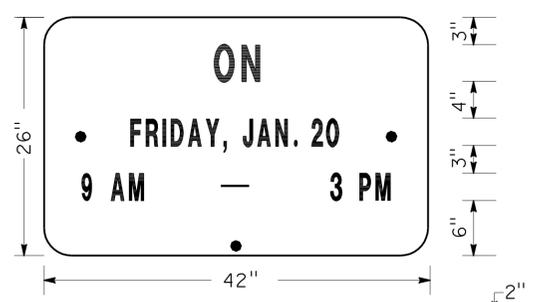
REGISTERED CIVIL ENGINEER DATE: 4-18-11
 SHANGJIA HORN
 No. 51846
 Exp. 6-30-12
 CIVIL
 STATE OF CALIFORNIA

11-28-11
 PLANS APPROVAL DATE

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SIGN SP-1



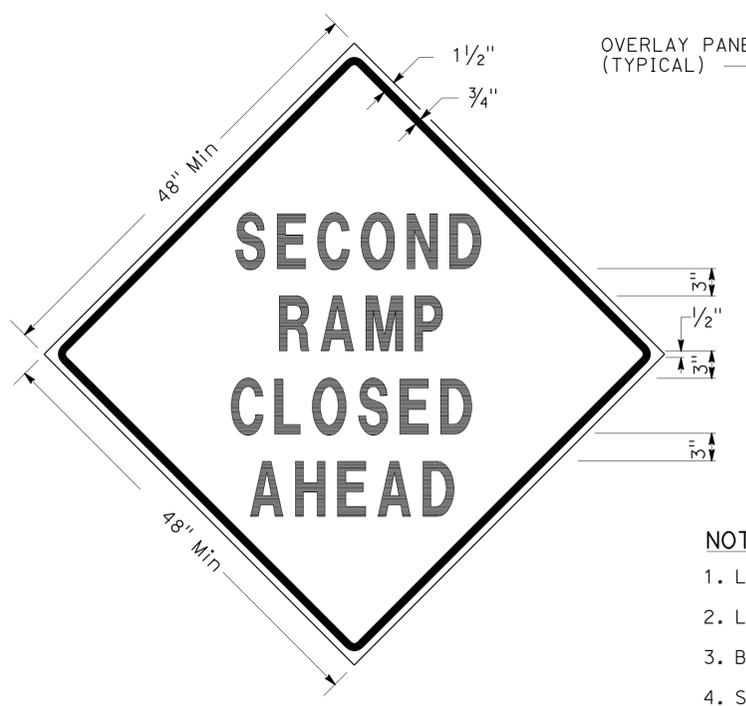
ALTERNATE OVERLAY PANELS (TYPICAL)

- NOTES: (SIGN SP-1)
- SIGNS SHALL HAVE ORANGE RETROREFLECTORIZED BACKGROUND WITH BLACK BORDER AND LETTERS.
 - BOLT HOLES SHALL BE 3/8" DIAMETER.
 - BASE MATERIAL SHALL BE ALUMINUM (MINIMUM 0.06").
 - SIGNS SHALL BE MOUNTED WITH BOTTOMS OF SIGNS A MINIMUM OF 6' ABOVE GROUND.

SIZE	BORDER	MARGIN	LETTER SIZE					CORNER RADIUS
	WIDTH	WIDTH	LINE 1	LINE 2*	LINE 3	LINE 4	LINE 5,6 & 7*	
48"x60"	1 1/4"	3/4"	4E	4D	6E	4D		3"
42"x26"	OVERLAY						3D	1 1/2"

* CONDENSED SPACING IF NECESSARY

SPECIAL ADVANCE NOTICE PUBLICITY SIGN



SIGN SP-3

SPECIAL SIGN FOR EXIT RAMP CLOSURES

- NOTES: (SIGNS SP-3 & SP-5)
- LETTERS - 6" SERIES D.
 - LETTERS AND BORDERS - BLACK ON RETROREFLECTORIZED ORANGE BACKGROUND.
 - BASE MATERIAL SHALL BE ALUMINUM (MINIMUM 0.06").
 - SIGNS SHALL BE MOUNTED WITH BOTTOMS OF SIGNS A MINIMUM OF 6' ABOVE GROUND.



SIGN SP-5



SIGN SP-4

- NOTES: (SIGN SP-4)
- LETTERS - 6" SERIES C.
 - LETTERS AND BORDERS - BLACK ON RETROREFLECTORIZED WHITE BACKGROUND.
 - BASE MATERIAL SHALL BE ALUMINUM (MINIMUM 0.06").
 - SIGNS SHALL BE PLACED AT RAMP ENTRANCES IN ADDITION TO SIGNS POSTED IN ACCORDANCE WITH STANDARD PLAN T14.

SPECIAL SIGN FOR ENTRANCE RAMP CLOSURES

**TRAFFIC HANDLING DETAILS
 TRAFFIC CONTROL SYSTEM
 FOR RAMP CLOSURES, DETOUR SIGNS
 AND MISCELLANEOUS DETAILS**

SHEET 1 OF 2

NO SCALE

THD-1

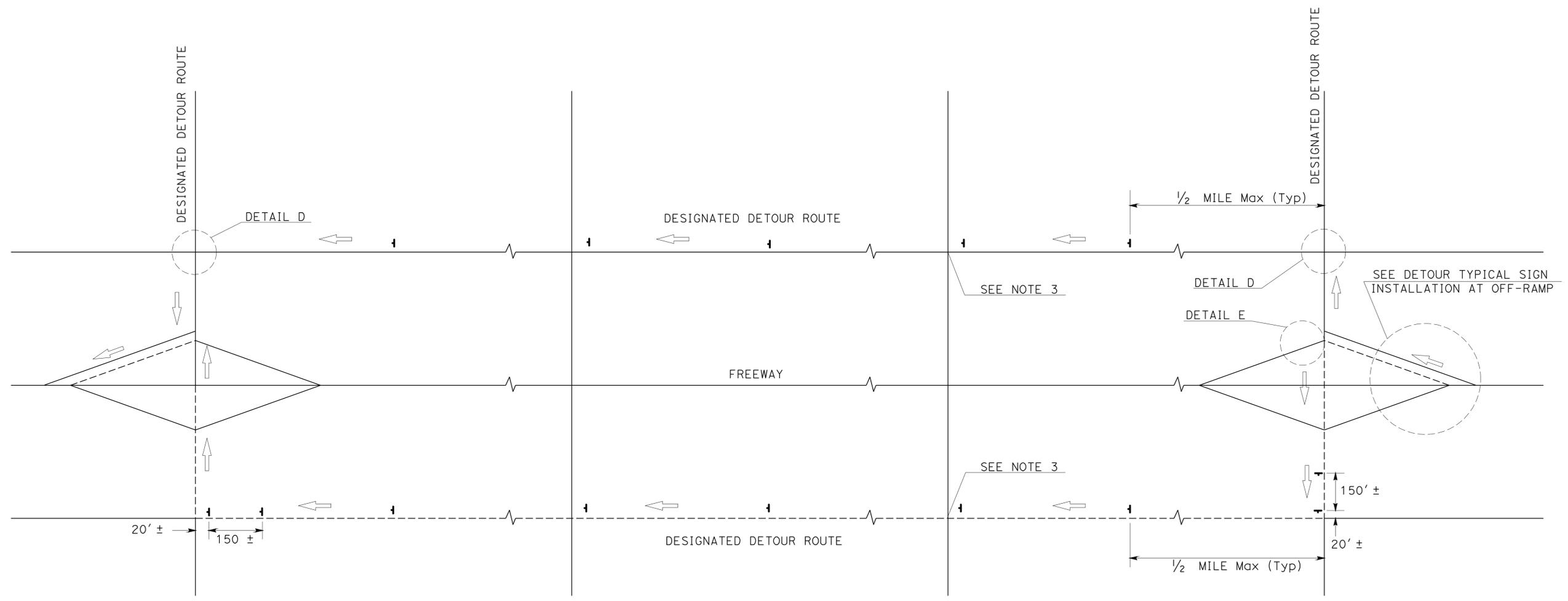
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	Ven	23,33,34 118,126,150	Var	9	34

8504 4-19-11
 REGISTERED CIVIL ENGINEER DATE
 11-28-11
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
 SHANGJIA HORN
 No. 51846
 Exp. 6-30-12
 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.

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	FUNCTIONAL SUPERVISOR	CALCULATED/DESIGNED BY	REVISOR	DATE
DTM	ALBERT YU	ALBERT K YU JOCELYN C CHIANG	JC	7/10



TYPICAL DETOUR SIGN INSTALLATION ALONG DESIGNATED DETOUR ROUTE

- LEGEND**
- ┆ TEMPORARY SIGN (SP-2)
 - AND/OR — DESIGNATED DETOUR ROUTE
 - ➔ DIRECTION OF TRAVEL

- NOTES:**
1. SP-2 SIGNS SHALL NOT BE INSTALLED ON BARRICADES EXCEPT AS OTHERWISE SHOWN.
 2. SIGN LOCATIONS ARE APPROXIMATE. EXACT LOCATIONS WILL BE DETERMINED BY THE ENGINEER.
 3. SP-2 SIGNS SHALL BE POSTED AT SIGNALIZED INTERSECTIONS ALONG THE DESIGNATED DETOUR ROUTE OR 1/2 MILE MAXIMUM APART.

**TRAFFIC HANDLING DETAILS
TRAFFIC CONTROL SYSTEM
FOR DETOUR SIGN INSTALLATION
ALONG DESIGNATED DETOUR ROUTE
SHEET 1 OF 2
NO SCALE**

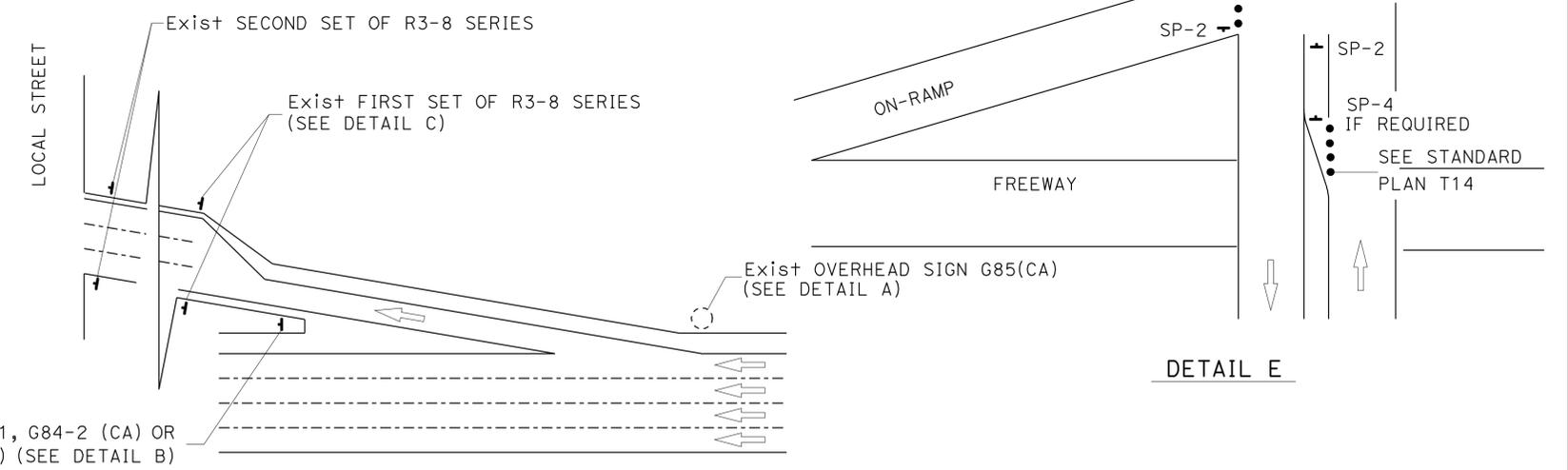
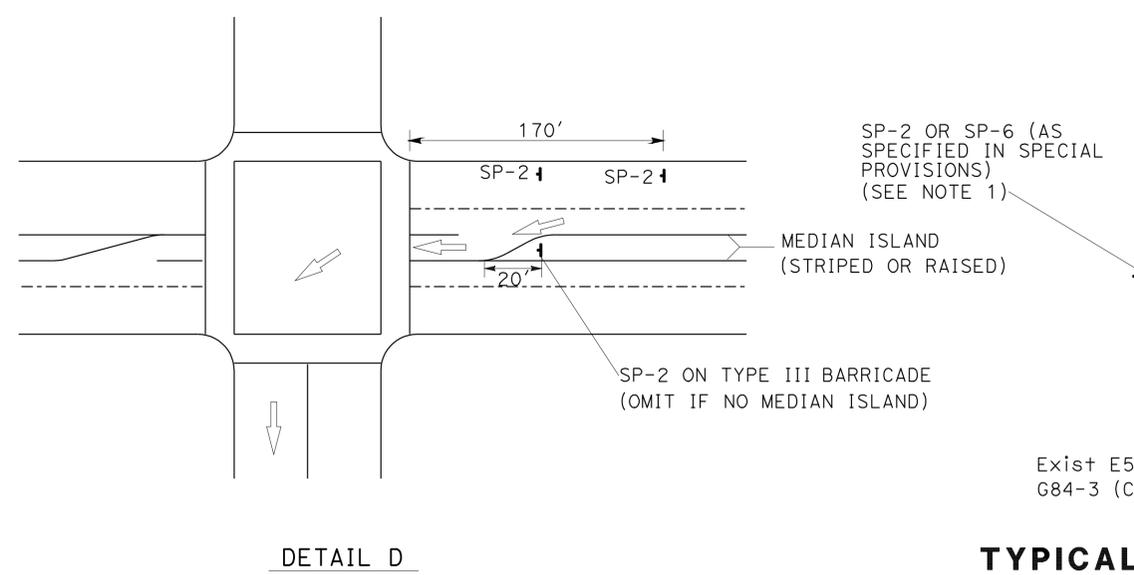
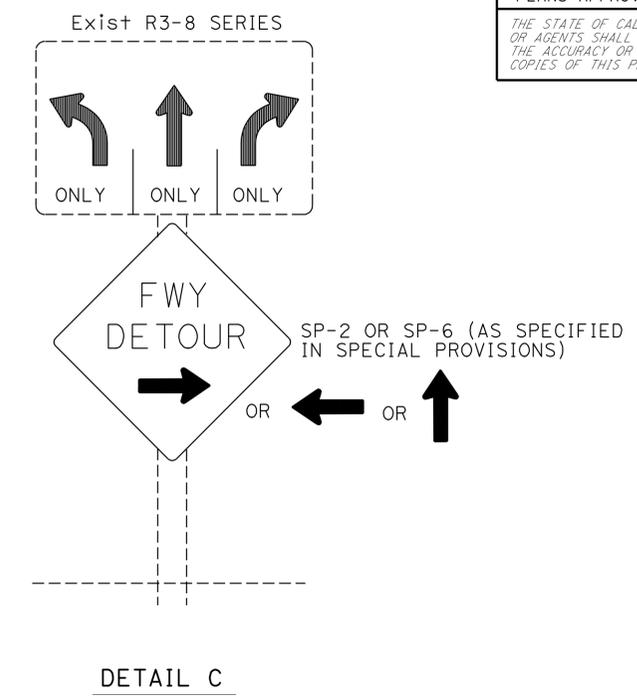
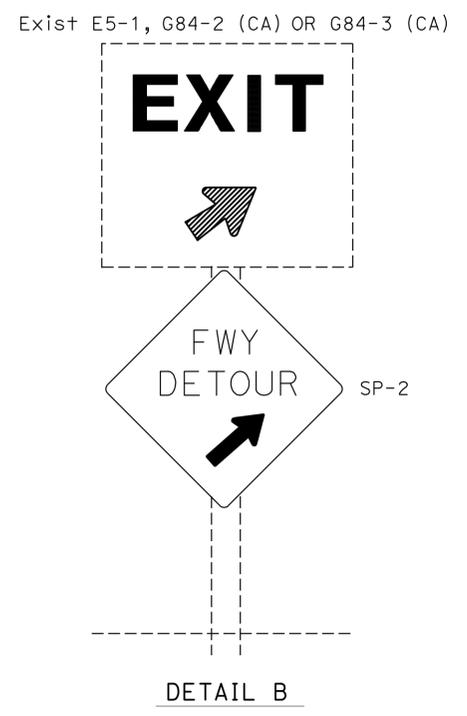
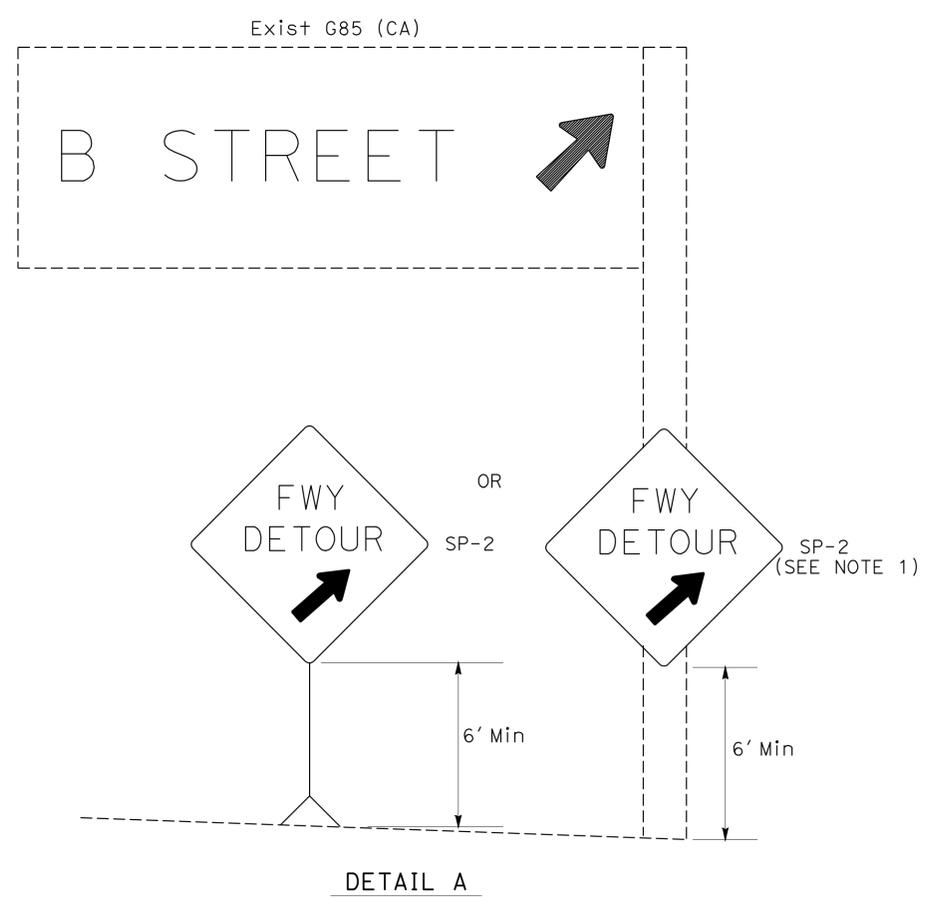
THD-3

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	Ven	23,33,34 118,126,150	Var	10	34

4-19-11
 REGISTERED CIVIL ENGINEER DATE
 11-28-11
 PLANS APPROVAL DATE

SHANGJIA HORN
 No. 51846
 Exp. 6-30-12
 CIVIL
 STATE OF CALIFORNIA

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TYPICAL DETOUR SIGN INSTALLATION AT OFF-RAMP

- NOTES:**
1. TEMPORARY SIGNS MAY BE STRAPPED ON EXISTING ELECTROLIER, SIGNAL POSTS, OR SIGN POSTS.
 2. OMIT DETAIL A AND DETAIL B FOR FULL FREEWAY CLOSURES.
 3. SEE TRAFFIC HANDLING DETAILS PLAN-TRAFFIC CONTROL SYSTEM FOR RAMP CLOSURES, DETOUR SIGNS AND MISCELLANEOUS DETAILS SHEET 2 OF 2 FOR SP-6.

ABBREVIATIONS

(CA) CALIFORNIA CODE

- LEGENDS**
- TRAFFIC CONE
 - ↑ TEMPORARY SIGN
 - ➔ DIRECTION OF TRAVEL
 - EXISTING OVERHEAD SIGN

**TRAFFIC HANDLING DETAILS
TRAFFIC CONTROL SYSTEM
FOR DETOUR SIGN INSTALLATION
ALONG DESIGNATED DETOUR ROUTE
SHEET 2 OF 2
NO SCALE**

THD-4

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

DTM

Caltrans

FUNCTIONAL SUPERVISOR: ALBERT YU

DESIGNED BY: ALBERT K YU

CHECKED BY: JOCELYN C CHIANG

REVISOR: JC

DATE: 8/10

USERNAME => s125624
DGN FILE => 74Y770me004.dgn

RELATIVE BORDER SCALE IS IN INCHES

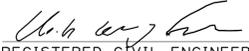
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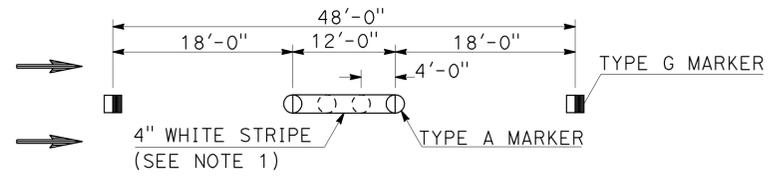
UNIT 1863

PROJECT NUMBER & PHASE

07000018981

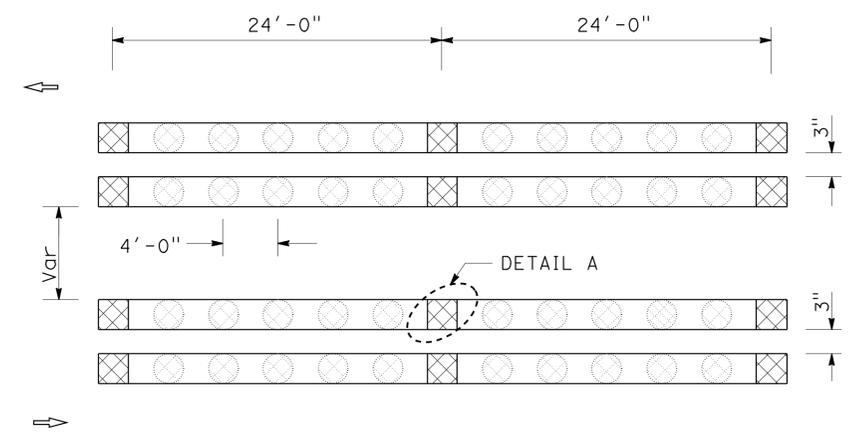
LAST REVISION | DATE PLOTTED => 06-DEC-2011
00-00-00 | TIME PLOTTED => 08:42

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	Ven	23,33,34, 118,126,150	Var	11	34
 REGISTERED CIVIL ENGINEER DATE 10-1-11					
11-28-11 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>					

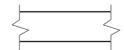


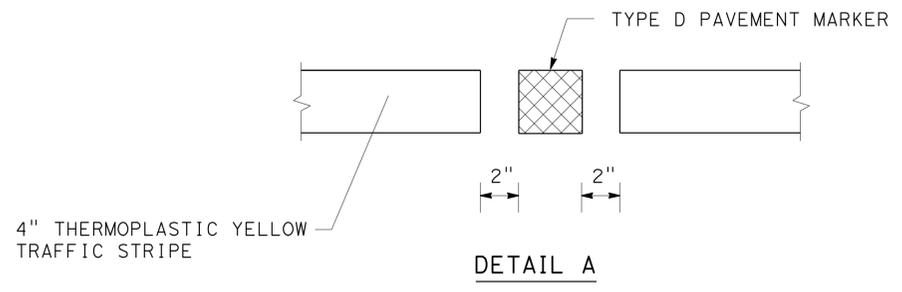
NOTE:
 APPLY 4" WIDE THERMOPLASTIC TRAFFIC STRIPE ON TOP OF TYPE A NON-REFLECTIVE MARKERS.

DETAIL 13 (MODIFIED)



LEGEND:

-  TYPE AY PAVEMENT MARKER (SEE NOTE 1)
-  TYPE D PAVEMENT MARKER
-  4" THERMOPLASTIC YELLOW TRAFFIC STRIPE (SEE NOTE BELOW)
-  DIRECTION OF TRAVEL



NOTE:
 TRAFFIC STRIPE SHALL BE APPLIED ON TOP OF TYPE AY PAVEMENT MARKERS.

DETAIL 30 (MODIFIED)

PAVEMENT DELINEATION DETAILS
 NO SCALE

PDD-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans MAINTENANCE ENGINEERING
 CHIH LAN
 PAUL CRISPI
 HECTOR OBESO

FUNCTIONAL SUPERVISOR
 HECTOR OBESO

CALCULATED/DESIGNED BY
 CHECKED BY

CHIH LAN
 PAUL CRISPI

REVISED BY
 DATE REVISED

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	Ven	23,33,34, 118,126,150	Var	12	34

10-1-11
 REGISTERED CIVIL ENGINEER DATE

11-28-11
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CHIH LAN
 No. 69055
 Exp. 6-30-12
 CIVIL

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LOCATION	ROUTE	PM	BRIDGE NUMBER	BRIDGE NAME	DIRECTION	THERMOPLASTIC TRAFFIC STRIPE										THERMOPLASTIC PAVEMENT MARKING	PAVEMENT MARKER										REMOVE																																	
																	RETROREFLECTIVE										PAVEMENT MARKER	YELLOW THERMOPLASTIC TRAFFIC STRIPE (HAZARDOUS WASTE)	THERMOPLASTIC TRAFFIC STRIPE	THERMOPLASTIC PAVEMENT MARKING																														
						4" SOLID YELLOW	4" SOLID YELLOW	4" SOLID YELLOW	4" SOLID YELLOW (Mod)	4" SOLID WHITE	8" SOLID WHITE	8" SOLID WHITE	8" SOLID WHITE	4" WHITE (BROKEN 36 - 12)	1' SOLID WHITE		TYPE A NON-REFLECTIVE	TYPE AY NON-REFLECTIVE	TYPE G	TYPE D	TYPE H	TYPE D	TYPE D	TYPE G	TYPE G	EA					LF	LF	SQFT																											
1	23	R10.16	52-0319L	TIERRA REJADA ROAD UC	S/B	176					176				352		30		9		5				44	176	264																																	
1	23	R10.16	52-0319R	TIERRA REJADA ROAD UC	N/B	176					352		176		352	40	32		8		5			9	54	176	792	40																																
2	33	0.31	52-0240	MAIN STREET OFF RAMP UC		336					168				336	30	28		8		8			44	336	252	30																																	
3	33	R5.30	52-0296L	VENTURA AVENUE UC		226					226				226		20		6		6			32	226	283																																		
4	33	7.58	52-0065	SAN ANTONIO CREEK							434										40			40	434	434																																		
6	34	R13.27	52-0348	LEWIS ROAD OH							1,074										92			92	1,074	1,074																																		
7	118	R21.86	52-0355L	ALAMOS CANYON ROAD UC	W/B	203					209					20		6		6				32	203	260																																		
7	118	R21.86	52-0355R	ALAMOS CANYON ROAD UC	E/B	209					203					20		6		6				32	209	255																																		
8	118	R22.99	52-0354L	MADERA ROAD UC	W/B	221					221		221			20		6		6			11	43	221	719																																		
8	118	R22.99	52-0354R	MADERA ROAD UC	E/B	226					226			226	100	60		15		6				81	226	848	100																																	
9	118	R24.15	52-0346L	CALDWELL AVENUE UC	W/B	160					160				320	36	28		8		8			44	160	240	36																																	
9	118	R24.15	52-0346R	CALDWELL AVENUE UC	E/B	160					160				320	36	28		8		8			44	160	240	36																																	
10	118	R24.81	52-0326L	ERRINGER ROAD UC	W/B	152					304				304	40	28		8		5			49	149	684	40																																	
10	118	R24.81	52-0326R	ERRINGER ROAD UC	E/B	149					298		149		298	40	28		8		5			49	152	671	40																																	
13	126	R6.43	52-0269L	ELLSWORTH BARRANCA	E/B	106					106				106		12		4		4			20	106	133																																		
13	126	R6.43	52-0269R	ELLSWORTH BARRANCA	W/B	106					106				106		12		4		4			20	106	133																																		
14	126	R7.81	52-0250L	TODD BARRANCA	E/B	165					165				165		16		5		5			26	165	207																																		
14	126	R7.81	52-0250R	TODD BARRANCA	W/B	165					165				165		16		5		5			26	165	207																																		
15	126	18.53	52-0423	SESPE RANCH UC # 2							276				138		12	240	4				104	360	276	173																																		
16	150	R13.42	52-0358	VENTURA RIVER							3,760												316	316	3,760	1,880																																		
SUBTOTAL						2,936	1,508	3,760	276	6,771	221	477	226	4,499	322	410	240	118	132	92	316	104	11	25	1,448	8,480	9,749	322																																
TOTAL						15,251										924					4,499					322					650					798					1,448					8,480					9,749					322				

PAVEMENT DELINEATION QUANTITIES

PDQ-1

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
07	Ven	23, 33, 34, 118, 126, 150	Var	13	34

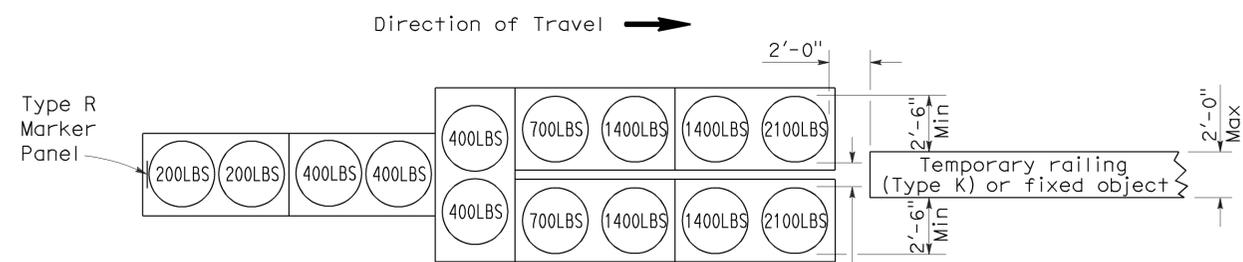
Randell D. Hiatt
REGISTERED CIVIL ENGINEER

June 6, 2008
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.

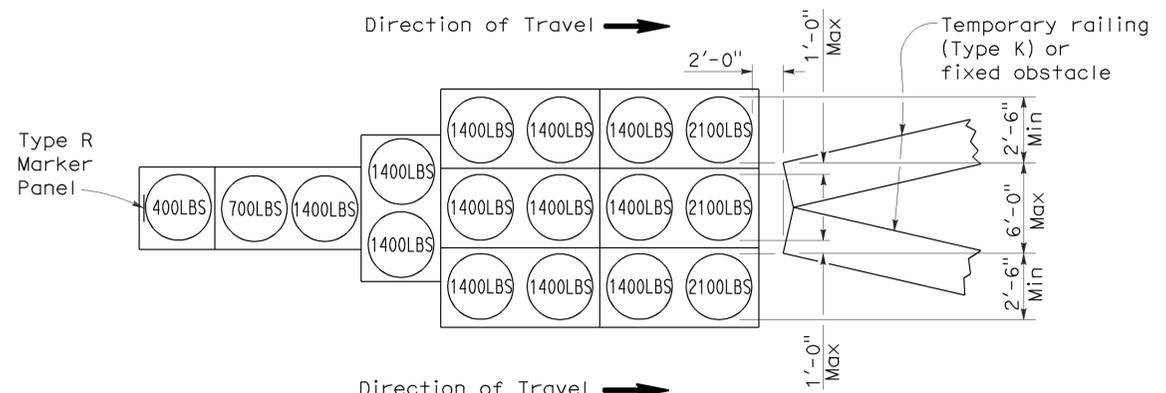
REGISTERED PROFESSIONAL ENGINEER
Randell D. Hiatt
No. C50200
Exp. 6-30-09
CIVIL
STATE OF CALIFORNIA

To accompany plans dated 11-28-11



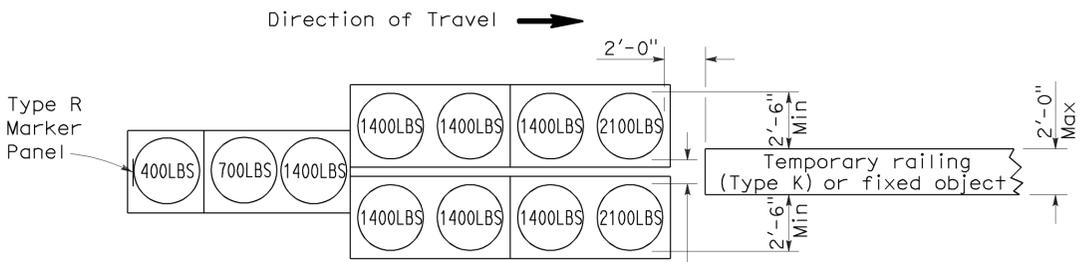
ARRAY 'TU14'

Approach speed 45 mph or more



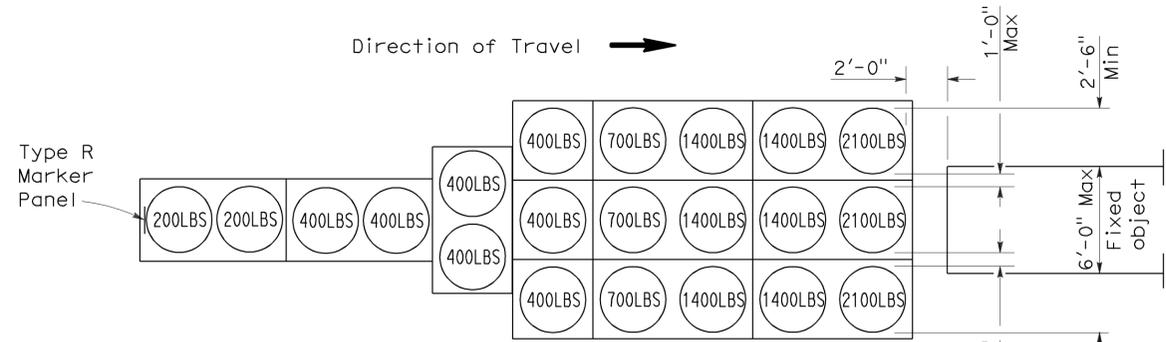
ARRAY 'TU17'

Approach speed less than 45 mph



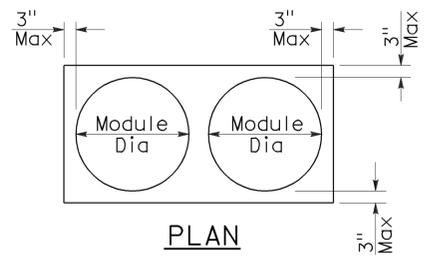
ARRAY 'TU11'

Approach speed less than 45 mph

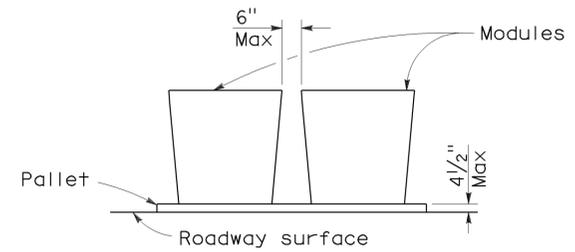


ARRAY 'TU21'

Approach speed 45 mph or more



PLAN



ELEVATION

CRASH CUSHION PALLET DETAIL

See Note 7

NOTES:

1. (XXX) Indicates sand filled module location and weight of sand in pounds for each module. Module spacing is based on the greater diameter of the module.
2. All sand weights are nominal.
3. Temporary crash cushion arrays shall not encroach on the traveled way.
4. Place the top of Type R marker panel 1" below the module lid.
5. Refer to Standard Plan A73B for marker details.
6. Approach speeds indicated conform to NCHRP 350 Report criteria.
7. Use of pallets is optional.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

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

NO SCALE

RSP T1A DATED JUNE 6, 2008 SUPERSEDES STANDARD PLAN T1A
DATED MAY 1, 2006 - PAGE 211 OF THE STANDARD PLANS BOOK DATED MAY 2006.

REVISED STANDARD PLAN RSP T1A

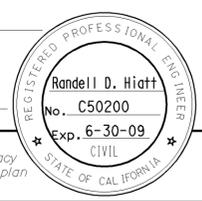
2006 REVISED STANDARD PLAN RSP T1A

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
07	Ven	23, 33, 34, 118, 126, 150	Var	14	34

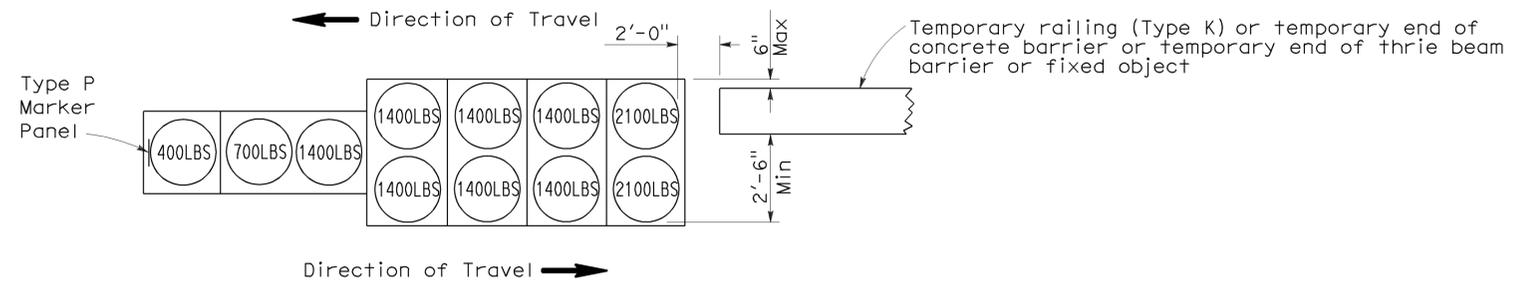
Randell D. Hiatt
REGISTERED CIVIL ENGINEER

June 6, 2008
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.

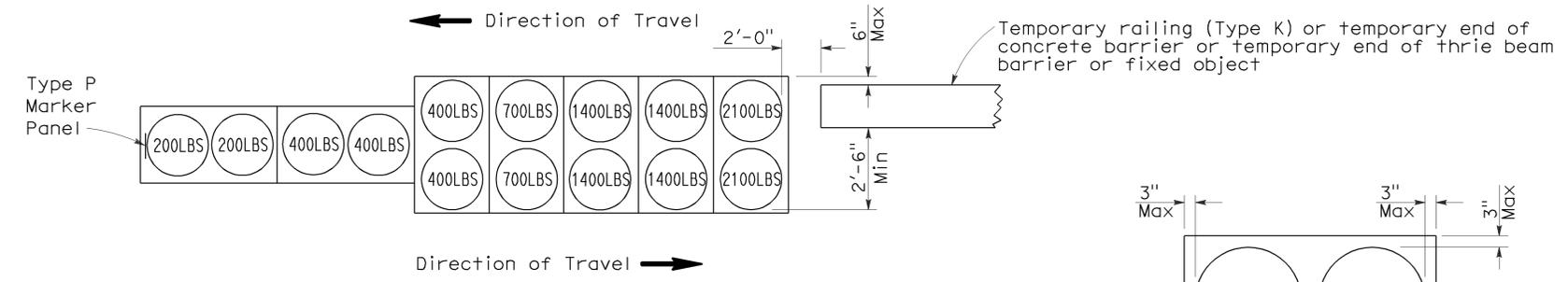


To accompany plans dated 11-28-11



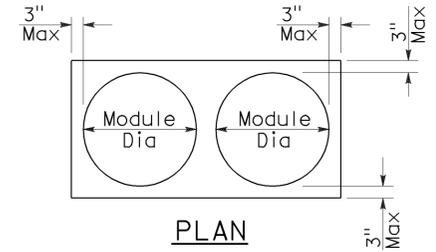
ARRAY 'TB11'

Approach speed less than 45 mph

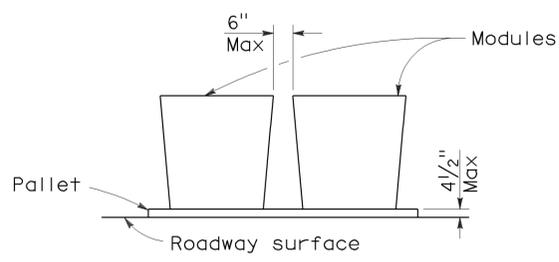


ARRAY 'TB14'

Approach speed 45 mph or more



PLAN



ELEVATION

CRASH CUSHION PALLET DETAIL

See Note 7

NOTES:

1. (XXX) Indicates sand filled module location and weight of sand in pounds for each module. Module spacing is based on the greater diameter of the module.
2. All sand weights are nominal.
3. Temporary crash cushion arrays shall not encroach on the traveled way.
4. Place the Type P marker panel so that the bottom of the panel rests upon the pallet.
5. Refer to Standard Plan A73B for marker details.
6. Approach speeds indicated conform to NCHRP 350 Report criteria.
7. Use of pallets is optional.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

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

NO SCALE

RSP T1B DATED JUNE 6, 2008 SUPERSEDES STANDARD PLAN T1B
DATED MAY 1, 2006 - PAGE 212 OF THE STANDARD PLANS BOOK DATED MAY 2006.

REVISED STANDARD PLAN RSP T1B

2006 REVISED STANDARD PLAN RSP T1B

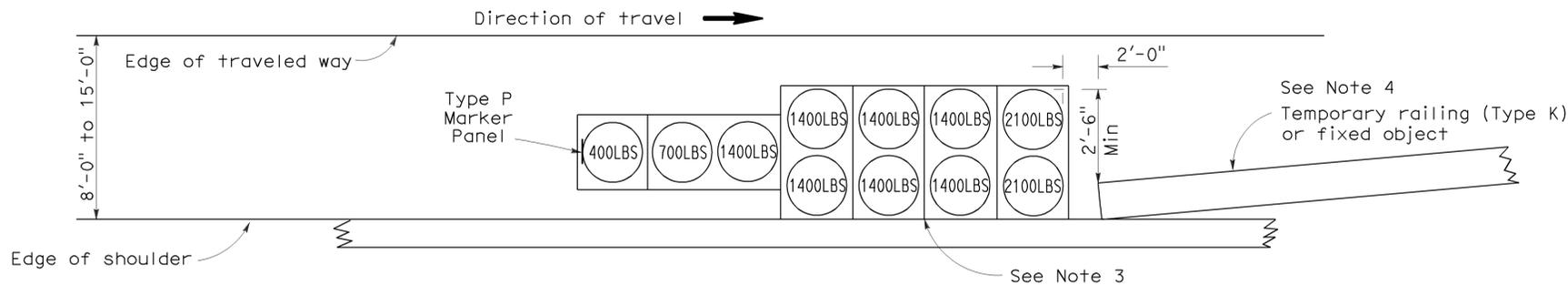
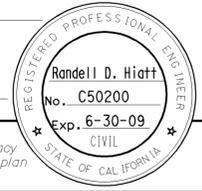
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
07	Ven	23, 33, 34, 118, 126, 150	Var	15	34

Randell D. Hiatt
REGISTERED CIVIL ENGINEER

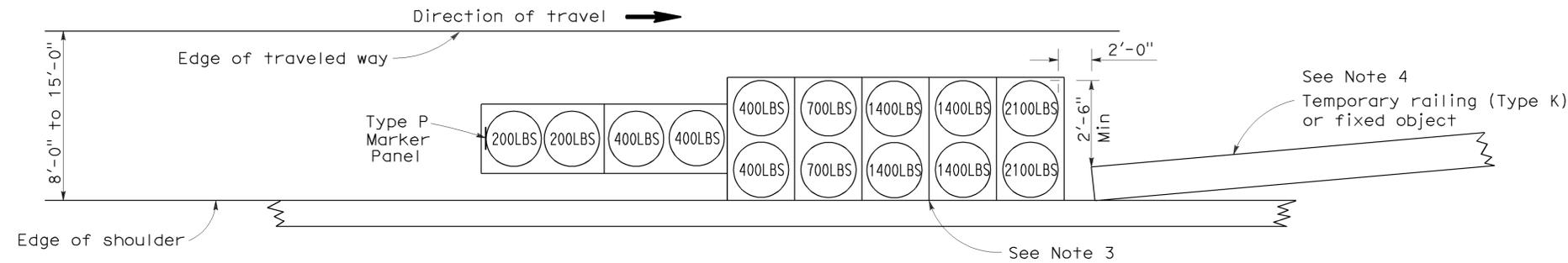
June 6, 2008
PLANS APPROVAL DATE

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.

To accompany plans dated 11-28-11



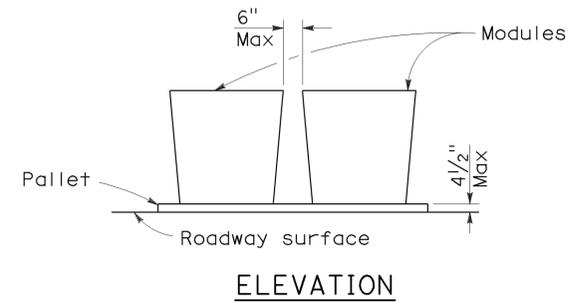
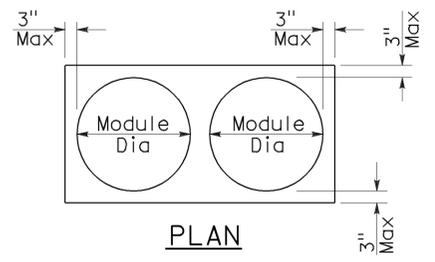
ARRAY 'TS11'
Approach speed less than 45 mph
See Note 9



ARRAY 'TS14'
Approach speed 45 mph or more
See Note 9

NOTES:

1. (XXX) Indicates sand filled module location and weight of sand in pounds for each module. Module spacing is based on the greater diameter of the module.
2. All sand weights are nominal.
3. The temporary crash cushion arrays shown on this plan shall be used only in locations where there will be traffic on one side of the temporary crash cushion array.
4. If the fixed object or approach end of the temporary railing is less than 15'-0" from the edge of traveled way, a temporary crash cushion is required in a construction or work zone.
5. Temporary crash cushion arrays shall not encroach on the traveled way.
6. Arrays for median shoulders shall conform to details shown on this plan for outside shoulders.
7. Place the Type P marker panel so that the bottom of the panel rests upon the pallet and faces traffic.
8. Refer to Standard Plan A73B for marker details.
9. For shoulder widths less than 8'-0", appropriate approved crash cushion protection, other than sand filled modules, shall be provided at fixed objects and at approach ends of temporary railing. The specific type of crash cushion shall be as shown on the project plans or as specified in the Special Provisions, or if not shown on the project plans or specified in the Special Provisions, shall be as approved by the Engineer.
10. Approach speeds indicated conform to NCHRP 350 Report criteria.
11. Use of pallets is optional.



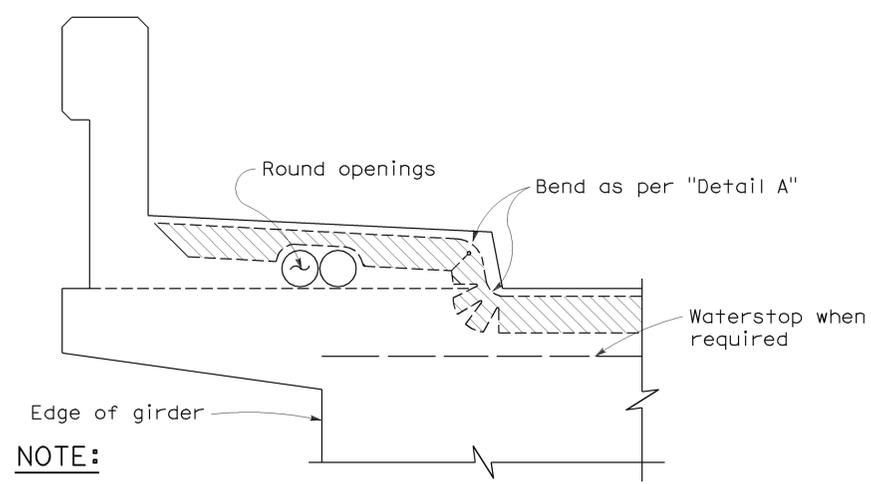
CRASH CUSHION PALLET DETAIL
See Note 11

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

RSP T2 DATED JUNE 6, 2008 SUPERSEDES STANDARD PLAN T2
DATED MAY 1, 2006 - PAGE 213 OF THE STANDARD PLANS BOOK DATED MAY 2006.

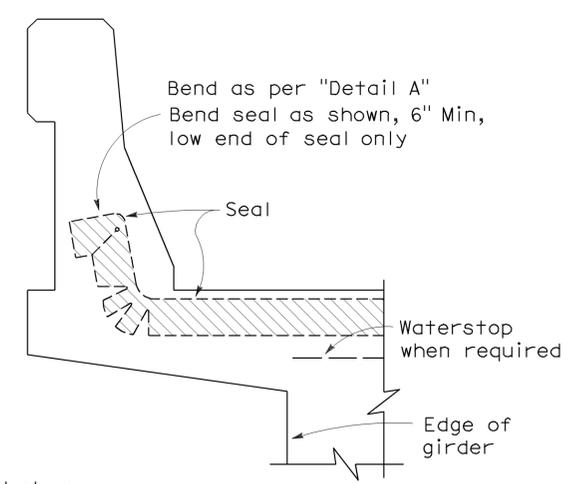
REVISED STANDARD PLAN RSP T2

2006 REVISED STANDARD PLAN RSP T2

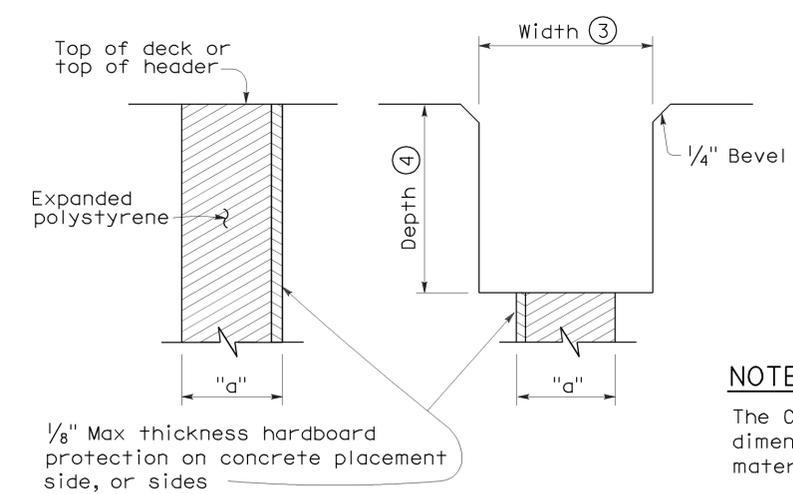


NOTE:
Type "B" seal shown. Type "A" seals to conform to the general path of seal shown, cuts for bending not required. Bend Type "A" seals 3" up into curb or barrier rail on only the low end of the seal.

CONCRETE BARRIER AND SIDEWALK



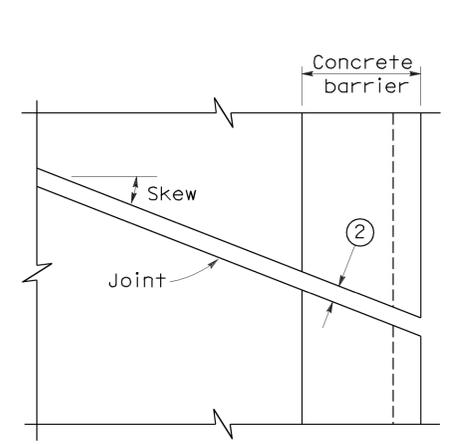
CONCRETE BARRIER



FORMING DETAIL SAWCUT DETAIL

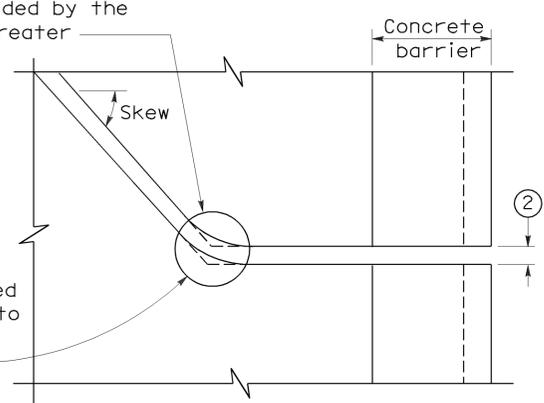
NOTE:
The Contractor shall verify all controlling field dimensions before ordering or fabricating any material.

JOINT SEALS DETAILS



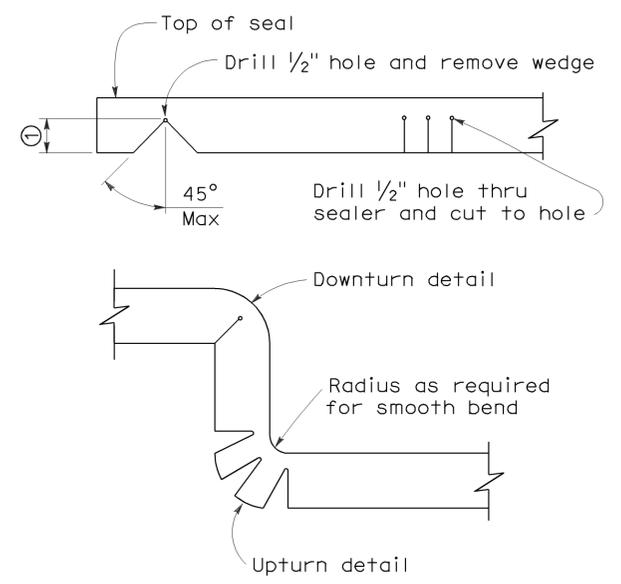
PLAN OF JOINT (SKEW ≤ 20°)

Min ϕ radius to be 4 times uncompressed width of seal or as recommended by the manufacturer, whichever is greater



PLAN OF JOINT (SKEW > 20°)

In lieu of saw cutting, this area may be blocked out and reconstructed to match saw cutting on both sides.

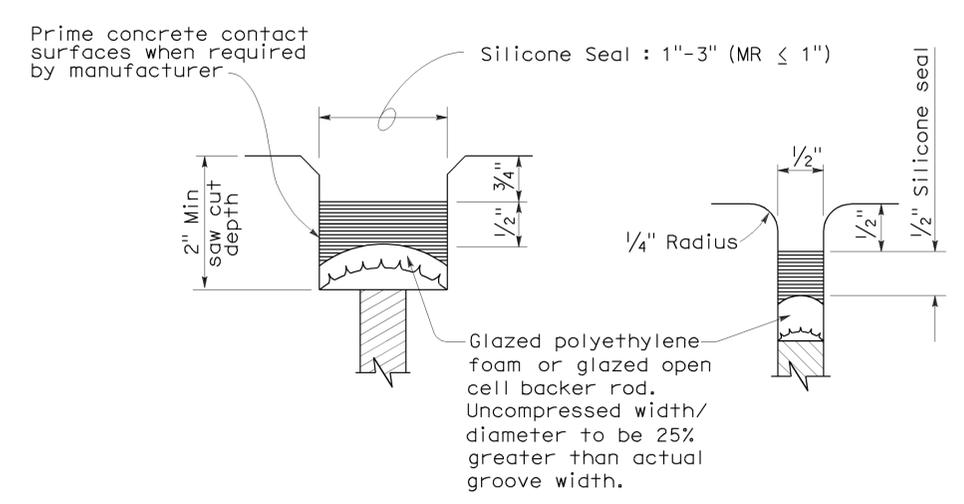


DETAIL A

- NOTES:**
- Make smooth cuts from the bottom of seal to 1 1/2" clear of top leaving at least one complete cell between the top of the cut and top of the seal. When necessary cut back of seal to clear conduit and round openings.
 - Opening in barrier to match width of sawn deck joint.
 - Sawcut groove widths shall be as ordered by the Engineer.
 - Depth of sawcut: Type A - Depth to be 2" minimum.
Type B - Depth to be equal to or greater than the depth of seal measured along the contact surface, when compressed to minimum width position (W₂) plus dimensions shown.
 - MR (movement rating) as shown on other plan sheets.
 - Other depths must be approved by the Engineer.

DIMENSIONS "a" OF JOINT REQUIRED

Movement Rating (MR) (5)	Bridge Type	"a" Dimension		
		Deck Concrete Placed		
		Winter	Fall-Spring	Summer
2"	All except CIP/PS	1 1/2"	1 1/4"	3/4"
	CIP/PS	1 1/4"	1"	1/2"
1 1/2"	All except CIP/PS	1 1/4"	1"	1/2"
	CIP/PS	1"	3/4"	1/2"
1"	All except CIP/PS	1"	3/4"	1/2"
	CIP/PS	3/4"	1/2"	1/2"
1/2"	All except CIP/PS	3/4"	3/4"	1/2"
	CIP/PS	1/2"	1/2"	1/2"

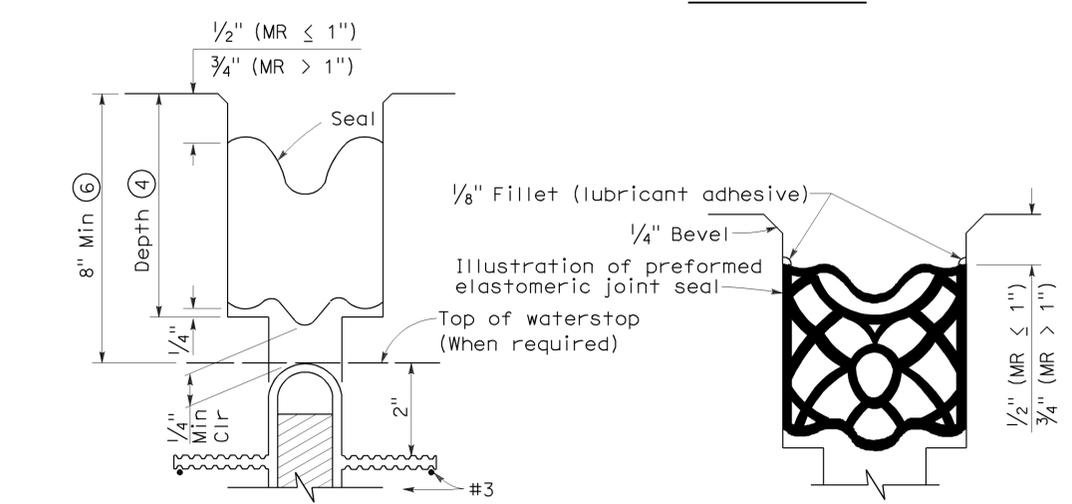


TYPE A SEAL

Movement rating : Silicone = 1" Max

TYPE AL SEAL

Longitudinal joints only



TYPE B JOINT SEAL IN MINIMUM WIDTH POSITION (W₂)

TYPE B SEAL

Movement Rating ≤ 2"

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
JOINT SEALS
(MAXIMUM MOVEMENT RATING = 2")
NO SCALE

RSP B6-21 DATED OCTOBER 5, 2007 SUPERSEDES STANDARD PLAN B6-21 DATED MAY 1, 2006 - PAGE 258 OF THE STANDARD PLANS BOOK DATED MAY 2006.

REVISED STANDARD PLAN RSP B6-21

2006 REVISED STANDARD PLAN RSP B6-21

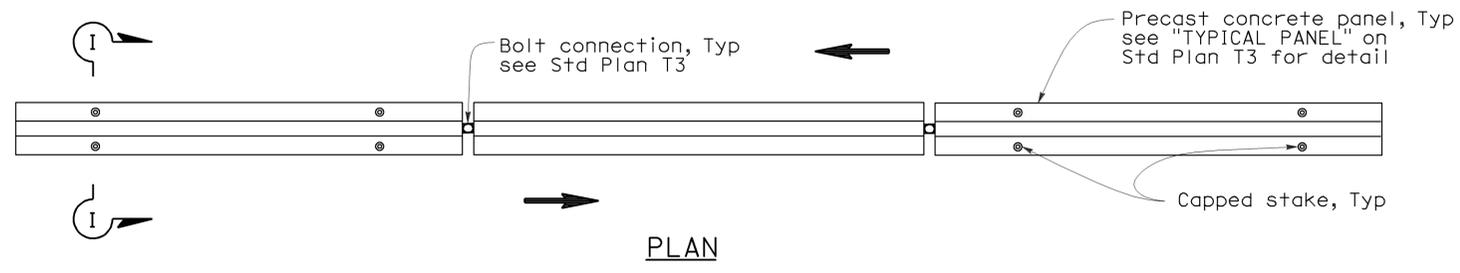
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	Ven	23, 33, 34, 118, 126, 150	Var	18	34

Randell D. Hiatt
REGISTERED CIVIL ENGINEER

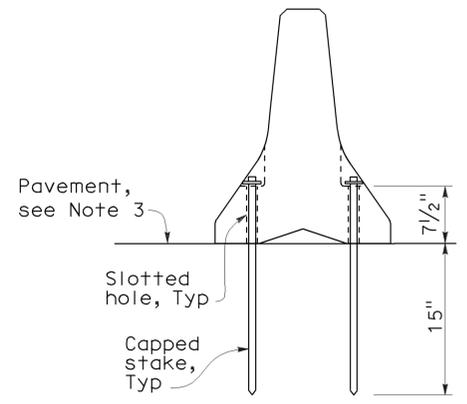
May 20, 2011
PLANS APPROVAL DATE

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To accompany plans dated 11-28-11

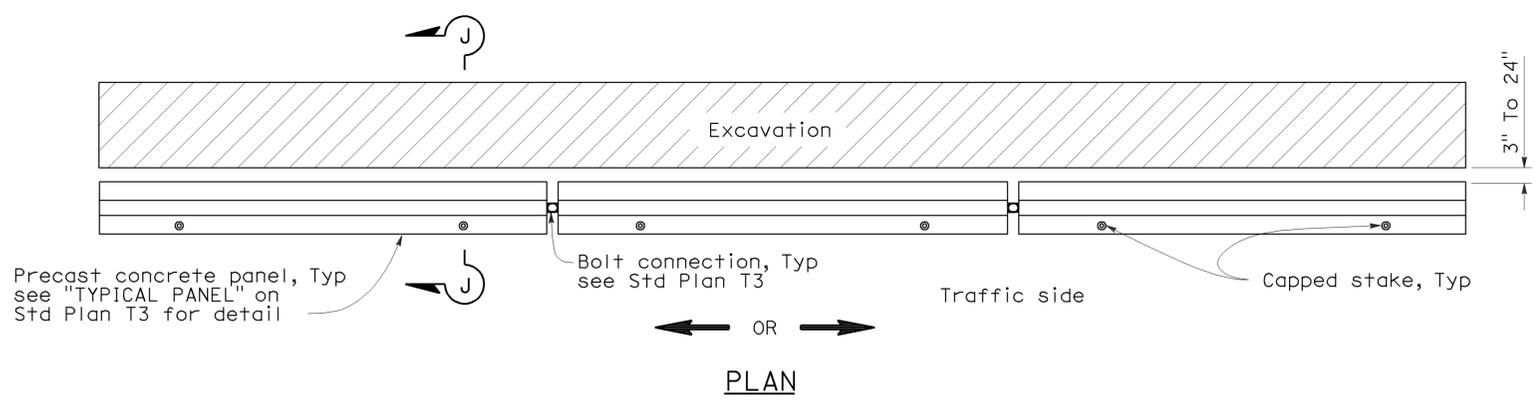


RAILING STAKING CONFIGURATION FOR TWO-WAY TRAFFIC
See Note 1

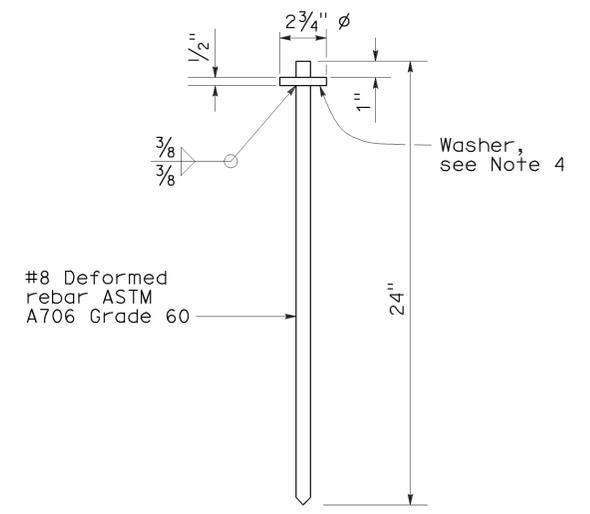
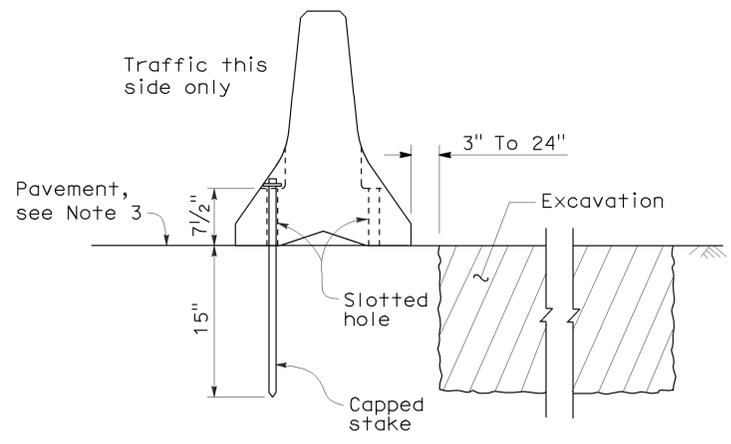


NOTES:

1. Where Type K Temporary Railing is placed as a temporary or long term barrier in two-way traffic on highways with less than 24" from the edge of traveled way, use four capped stakes per every other panel with end panels staked.
2. Where Type K Temporary Railing is placed 3" to 24" from the edge of an excavation on highways, use two capped stakes per panel along the traffic side.
3. Staked Type K Temporary Railing must be supported by at least 4" thick concrete, hot mix asphalt or existing asphalt concrete pavement.
4. The minimum yield strength for the washer must be 60,000 psi.
5. Direction of adjacent traffic indicated by \Rightarrow .



RAILING STAKING CONFIGURATION ADJACENT TO AN EXCAVATION
See Note 2



STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

**TEMPORARY RAILING
(TYPE K)**

NO SCALE

NSP T3A DATED MAY 20, 2011 SUPPLEMENTS
THE STANDARD PLANS BOOK DATED MAY 2006.

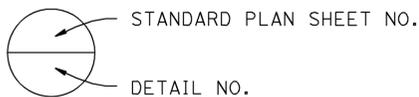
2006 NEW STANDARD PLAN NSP T3A

INDEX TO PLANS

SHEET NO.	TITLE
1	GENERAL PLAN NO. 1
2	GENERAL PLAN NO. 2
3	GENERAL PLAN NO. 3
4	GENERAL PLAN NO. 4
5	GENERAL PLAN NO. 5
6	GENERAL PLAN NO. 6
7	GENERAL PLAN NO. 7
8	GENERAL PLAN NO. 8
9	GENERAL PLAN NO. 9
10	GENERAL PLAN NO. 10
11	MISCELLANEOUS DETAILS NO. 1
12	MISCELLANEOUS DETAILS NO. 2
13	MISCELLANEOUS DETAILS NO. 3
14	SOFFIT ACCESS DOOR
15	DRAIN DETAILS
16	STRUCTURE APPROACH TYPE R(30D)

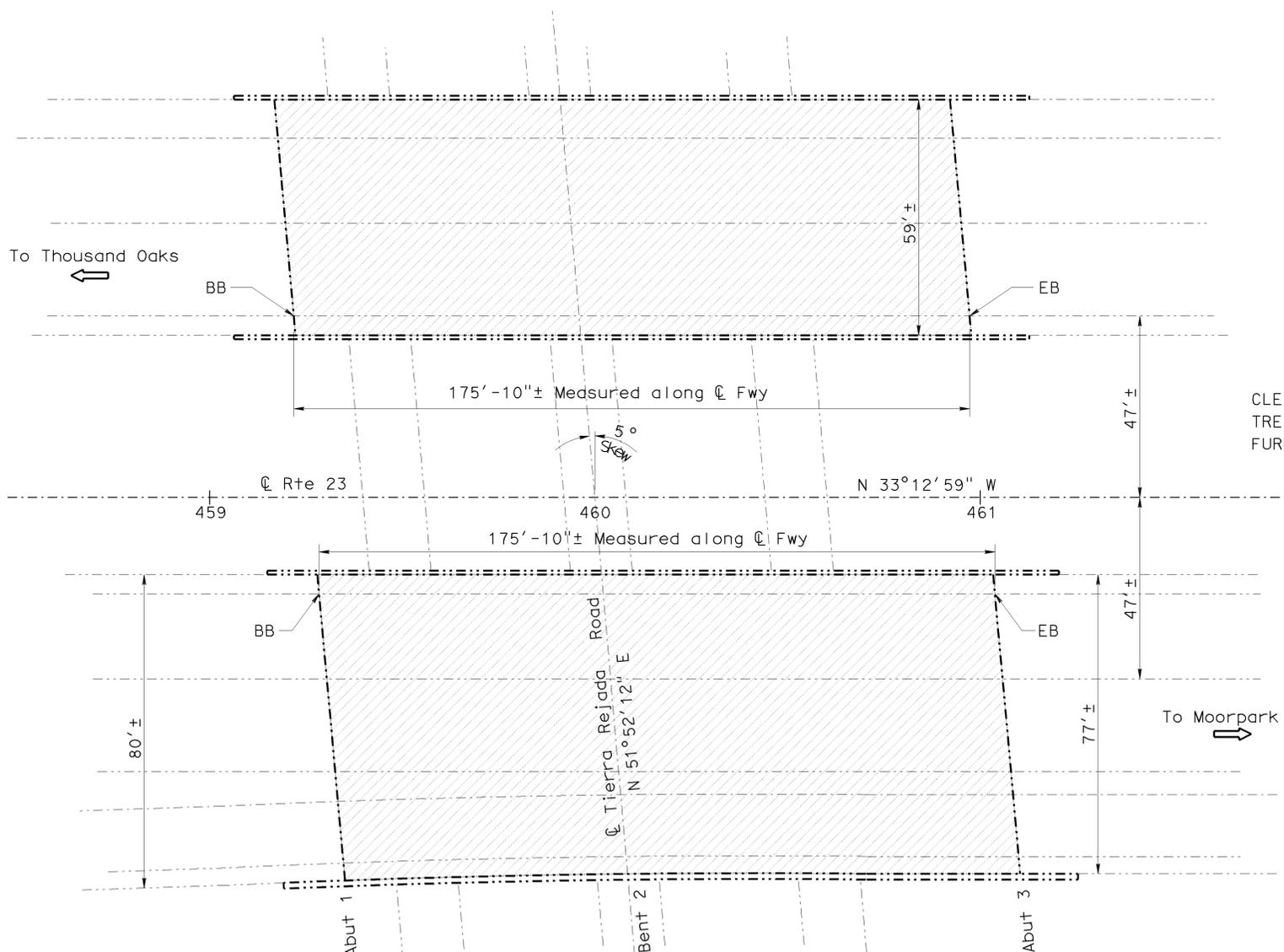
STANDARD PLANS DATED MAY 2006

SHEET NO.	TITLE
A10A	ACRONYMS AND ABBREVIATIONS (SHEET 1 OF 2)
A10B	ACRONYMS AND ABBREVIATIONS (SHEET 2 OF 2)
A10C	SYMBOLS (SHEET 1 OF 2)
A10D	SYMBOLS (SHEET 2 OF 2)
RSP B6-21	JOINT SEALS (MAXIMUM MOVEMENT RATING = 2")



LEGEND:

- Indicates existing.
- ➔ Indicates direction of traffic.
- ▨ Indicates limits of clean and treat bridge deck with high molecular weight methacrylate.



**TIERRA REJADA ROAD UC #52-0319L/R
QUANTITIES**

CLEAN BRIDGE DECK	24,180 SQFT
TREAT BRIDGE DECK	24,180 SQFT
FURNISH BRIDGE DECK TREATMENT MATERIAL	303 GAL

NOTE:
THE CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL. EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.

TIERRA REJADA ROAD UC
Br No. 52-0319L/R, Rte 23, PM R10.16
1" = 20'

TONY D. BRAKE DESIGN ENGINEER	DESIGN	BY Vinh Dang	CHECKED Hong Tien Tran	LOAD FACTOR DESIGN	LIVE LOADING: HS20-44 AND ALTERNATIVE AND PERMIT DESIGN LOAD	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	BRIDGE NO.	ROUTE 23, 33, 34, 118, 126, 150 BRIDGES GENERAL PLAN NO. 1	
	DETAILS	BY Clayton Tom	CHECKED Vinh Dang	LAYOUT	BY Clayton Tom		Checked Vinh Dang		Various
	QUANTITIES	BY Vinh Dang	CHECKED Hong Tien Tran	SPECIFICATIONS	BY Jarvis Mahe		Checked Jarvis Mahe		Varies
STRUCTURES MAINTENANCE GENERAL PLAN SHEET (ENGLISH) (REV. 09-01-10)		ORIGINAL SCALE IN INCHES FOR REDUCED PLANS				UNIT: 07608 PROJECT NUMBER & PHASE: 0700001898 1	CONTRACT NO.: 4Y7701	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES 03-04-11 05-06-11 05-26-11 07-11-11 SHEET 01 OF 16

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	Ven	23,33,34, 118,126,150	Var	19	34

08-19-11
 REGISTERED CIVIL ENGINEER DATE
 11-28-11
 PLANS APPROVAL DATE

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USERNAME => s117283 DATE PLOTTED => 12-OCT-2011 TIME PLOTTED => 11:15

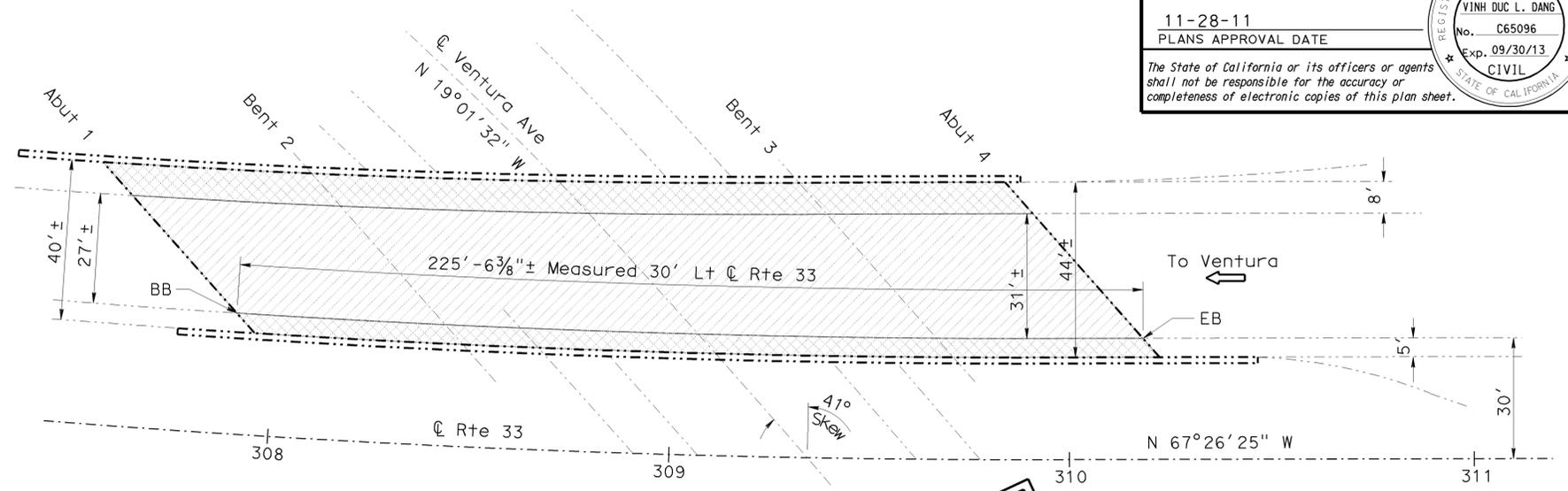
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	Ven	23,33,34,118,126,150	Var	20	34

08-19-11
 REGISTERED CIVIL ENGINEER DATE
 11-28-11
 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.

VINH DUC L. DANG
 No. C65096
 Exp. 09/30/13
 CIVIL
 STATE OF CALIFORNIA

LEGEND:

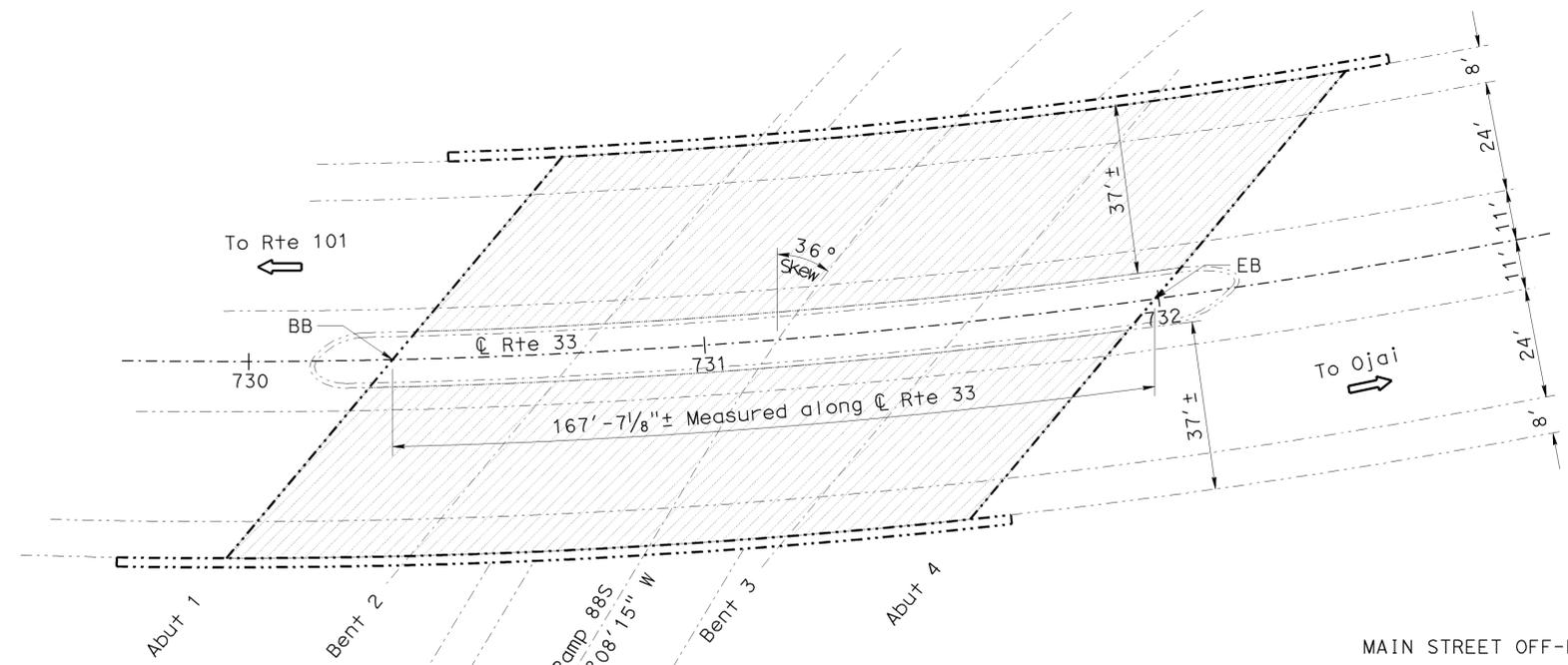
- Indicates existing.
- ➔ Indicates direction of traffic.
- ▨ Indicates limits of clean and treat bridge deck with high molecular weight methacrylate.
- ▩ Indicates limits of removal of deck contrast treatment and clean and treat bridge deck with high molecular weight methacrylate.



VENTURA AVENUE UC
 Br No. 52-0296L, Rte 33, PM R5.30
 1" = 20'

VENTURA AVENUE UC #52-0296L
 QUANTITIES

REMOVE CONTRAST TREATMENT	2,935 SQFT
CLEAN BRIDGE DECK	9,475 SQFT
TREAT BRIDGE DECK	9,475 SQFT
FURNISH BRIDGE DECK TREATMENT MATERIAL	120 GAL



MAIN STREET OFF-RAMP UC
 Br No. 52-0240, Rte 33, PM R0.31
 1" = 20'

MAIN STREET OFF-RAMP UC #52-0240
 QUANTITIES

CLEAN BRIDGE DECK	12,405 SQFT
PUBLIC SAFETY PLAN	LUMP SUM
TREAT BRIDGE DECK	12,405 SQFT
FURNISH BRIDGE DECK TREATMENT MATERIAL	156 GAL

NOTE:
 THE CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL. EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.

TONY D. BRAKE DESIGN ENGINEER	DESIGN	BY Vinh Dang	CHECKED Hong Tien Tran	LOAD FACTOR DESIGN	LIVE LOADING: HS20-44 AND ALTERNATIVE AND PERMIT DESIGN LOAD
	DETAILS	BY Clayton Tom	CHECKED Vinh Dang	LAYOUT	BY Clayton Tom
	QUANTITIES	BY Vinh Dang	CHECKED Hong Tien Tran	SPECIFICATIONS	BY Jarvis Mahe

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION

DIVISION OF MAINTENANCE
 STRUCTURE MAINTENANCE DESIGN

BRIDGE NO. Various
 POST MILE Varies

ROUTE 23,33,34,118,126,150 BRIDGES
GENERAL PLAN NO. 2

USERNAME => s117283 DATE PLOTTED => 12-OCT-2011 TIME PLOTTED => 11:15

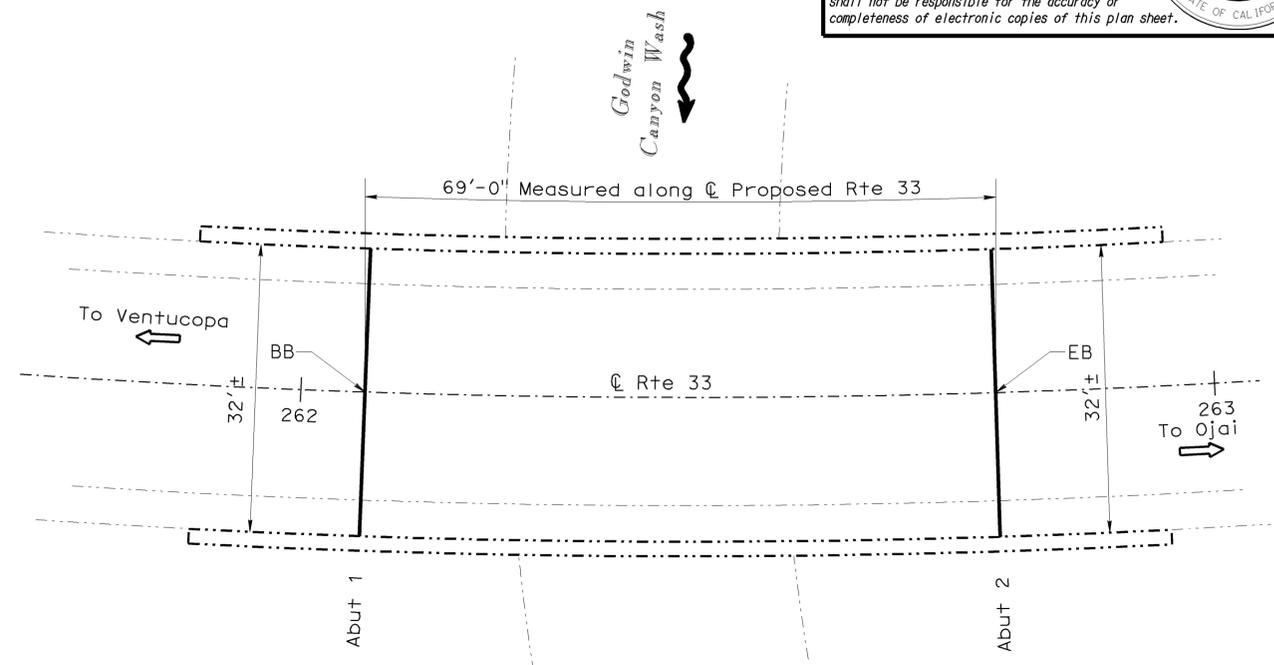
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	Ven	23,33,34,118,126,150	Var	21	34

08-19-11
 REGISTERED CIVIL ENGINEER DATE
 11-28-11
 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.

REGISTERED PROFESSIONAL ENGINEER
 VINH DUC L. DANG
 No. C65096
 Exp. 09/30/13
 CIVIL
 STATE OF CALIFORNIA

LEGEND:

- Indicates existing.
- ➔ Indicates direction of traffic.
- ▨ Indicates limits of clean and treat bridge deck with high molecular weight methacrylate.
- Indicates limits of existing joint seal removal, clean expansion joint and placement of new joint seal.



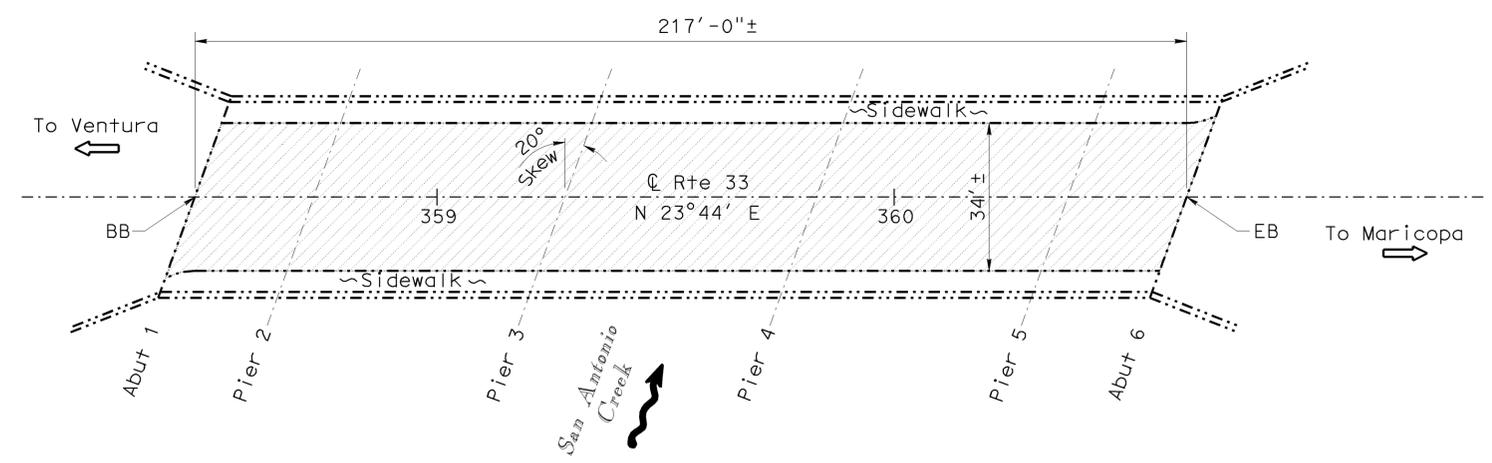
GODWIN CANYON
 Br No. 52-0083, Rte 33, PM R37.52
 No Scale

GODWIN CANYON #52-0083
 QUANTITIES

CLEAN EXPANSION JOINT	64 LF
JOINT SEAL (MR 1/2")	64 LF

SAN ANTONIO CREEK #52-0065
 QUANTITIES

CLEAN BRIDGE DECK	7,380 SQFT
PUBLIC SAFETY PLAN	LUMP SUM
TREAT BRIDGE DECK	7,380 SQFT
FURNISH BRIDGE DECK TREATMENT MATERIAL	93 GAL



SAN ANTONIO CREEK
 Br No. 52-0065, Rte 33, PM R7.58
 1" = 20'

NOTE:
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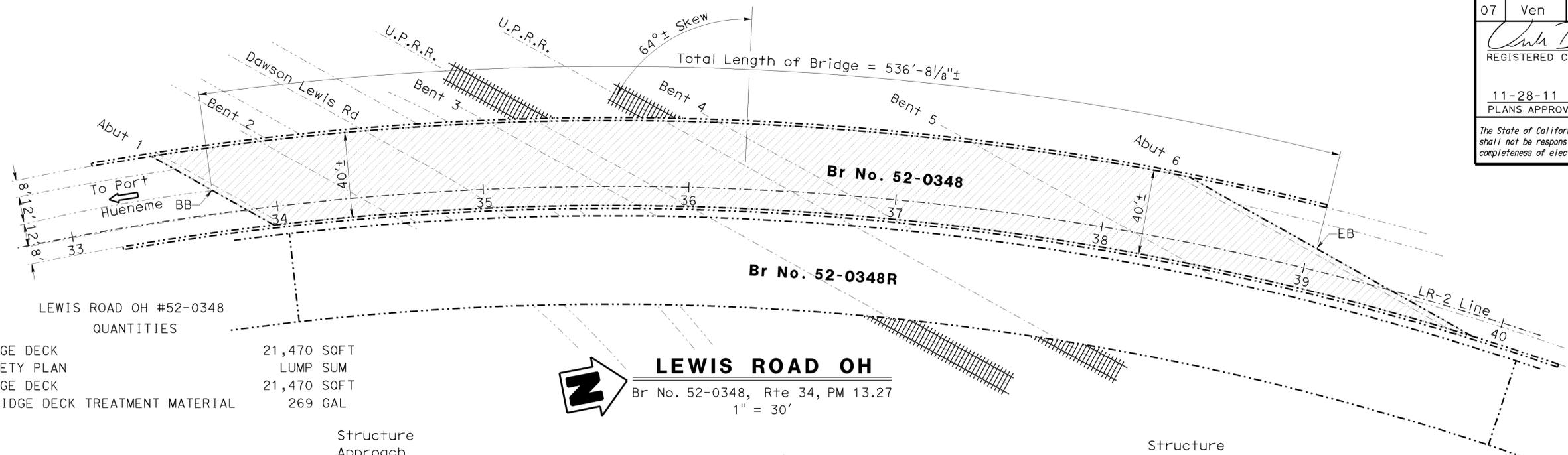
TONY D. BRAKE DESIGN ENGINEER	DESIGN	BY Vinh Dang	CHECKED Hong Tien Tran	LOAD FACTOR DESIGN	LIVE LOADING: HS20-44 AND ALTERNATIVE AND PERMIT DESIGN LOAD	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	BRIDGE NO.	ROUTE 23,33,34,118,126,150 BRIDGES GENERAL PLAN NO. 3		
	DETAILS	BY Clayton Tom	CHECKED Vinh Dang	LAYOUT	BY Clayton Tom		POST MILE			
	QUANTITIES	BY Vinh Dang	CHECKED Hong Tien Tran	SPECIFICATIONS	BY Jarvis Mahe		PLANS AND SPECS COMPARED Jarvis Mahe		Varies	
STRUCTURES MAINTENANCE GENERAL PLAN SHEET (ENGLISH) (REV. 09-01-10)						ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	UNIT: 07608 PROJECT NUMBER & PHASE: 0700001898 1 CONTRACT NO.: 4Y7701	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES	SHEET 03 OF 16

FILE => 07-4y7701-a-gp03.dgn

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	Ven	23,33,34,118,126,150	Var	22	34

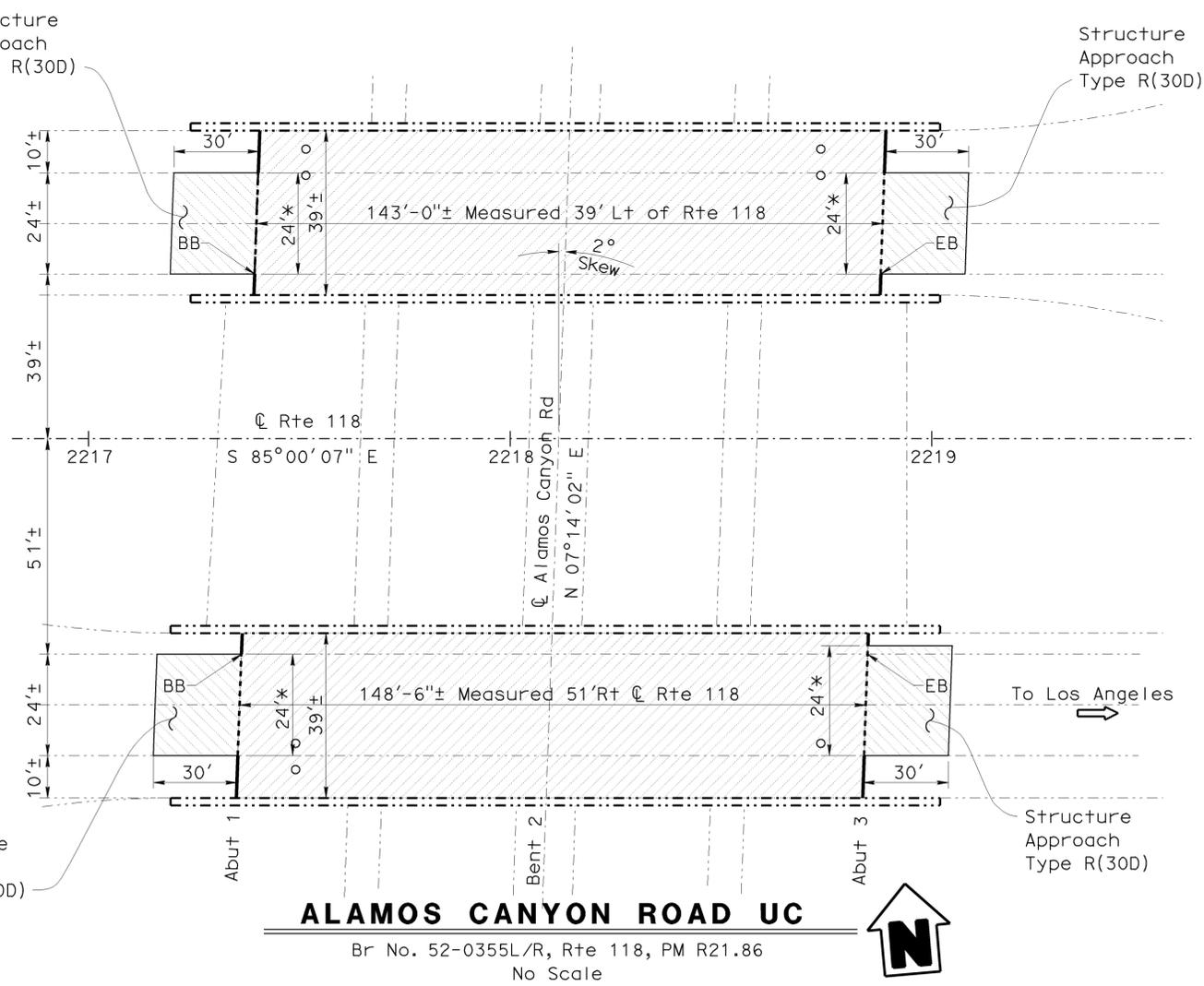
08-19-11
 REGISTERED CIVIL ENGINEER DATE
 11-28-11
 PLANS APPROVAL DATE
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REGISTERED PROFESSIONAL ENGINEER
 VINH DUC L. DANG
 No. C65096
 Exp. 09/30/13
 CIVIL
 STATE OF CALIFORNIA



LEWIS ROAD OH #52-0348 QUANTITIES

CLEAN BRIDGE DECK	21,470 SQFT
PUBLIC SAFETY PLAN	LUMP SUM
TREAT BRIDGE DECK	21,470 SQFT
FURNISH BRIDGE DECK TREATMENT MATERIAL	269 GAL



ALAMOS CANYON ROAD UC #52-0355L/R QUANTITIES

CLEAN BRIDGE DECK	11,370 SQFT
AGGREGATE BASE (APPROACH SLAB)	11 CY
STRUCTURAL CONCRETE, APPROACH SLAB (TYPE R)	107 CY
PAVING NOTCH EXTENSION	72 CF
CLEAN EXPANSION JOINT	60 LF
JOINT SEAL (MR 1/2")	156 LF
TREAT BRIDGE DECK	11,370 SQFT
FURNISH BRIDGE DECK TREATMENT MATERIAL	143 GAL
MISCELLANEOUS METAL (BRIDGE)	250 LB

- LEGEND:**
- Indicates existing.
 - ➔ Indicates direction of traffic.
 - ▨ Indicates limits of clean and treat bridge deck with high molecular weight methacrylate.
 - ▩ Indicates limits of remove existing approach and place new Structure Approach Type R(30D). For details see "STRUCTURE APPROACH TYPE R(30D)" sheet.
 - Indicates limits of existing joint seal removal, clean expansion joint and placement of new joint seal.
 - - - - - Indicates limits of existing joint seal removal and placement of new joint seal.
 - o Indicates location of replace soffit access cover. See "SOFFIT ACCESS DOOR" sheet.
 - * Indicates limits of paving notch extension.

NOTE:
THE CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL. EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.

TONY D. BRAKE
DESIGN ENGINEER

DESIGN	BY Ving Dang	CHECKED Hong Tien Tran	LOAD FACTOR DESIGN	LIVE LOADING: HS20-44 AND ALTERNATIVE AND PERMIT DESIGN LOAD
DETAILS	BY Clayton Tom	CHECKED Vinh Dang	LAYOUT	BY Clayton Tom
QUANTITIES	BY Vinh Dang	CHECKED Hong Tien Tran	SPECIFICATIONS	BY Jarvis Mahe

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

DIVISION OF MAINTENANCE
STRUCTURE MAINTENANCE DESIGN

ROUTE 23,33,34,118,126,150 BRIDGES
GENERAL PLAN NO. 4

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	Ven	23,33,34,118,126,150	Var	23	34

08-19-11
 REGISTERED CIVIL ENGINEER DATE
 11-28-11
 PLANS APPROVAL DATE
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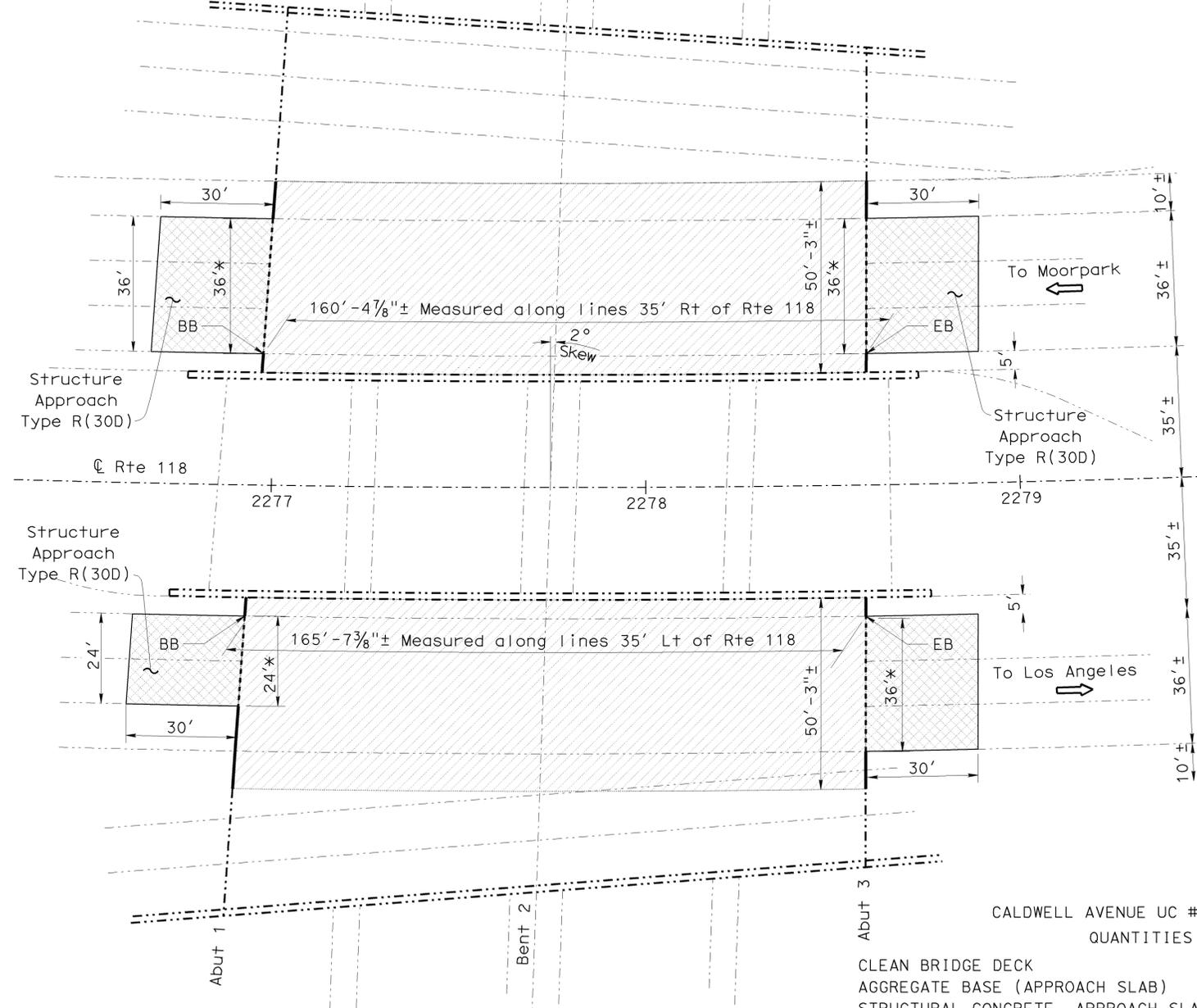
REGISTERED PROFESSIONAL ENGINEER
 VINH DUC L. DANG
 No. C65096
 Exp. 09/30/13
 CIVIL
 STATE OF CALIFORNIA

MADERA ROAD UC #52-0354L/R
QUANTITIES

CLEAN BRIDGE DECK	16,385 SQFT
AGGREGATE BASE (APPROACH SLAB)	15 CY
STRUCTURAL CONCRETE, APPROACH SLAB (TYPE R)	147 CY
PAVING NOTCH EXTENSION	99 CF
CLEAN EXPANSION JOINT	72 LF
JOINT SEAL (MR 1/2")	204 LF
TREAT BRIDGE DECK	16,385 SQFT
FURNISH BRIDGE DECK TREATMENT MATERIAL	205 GAL

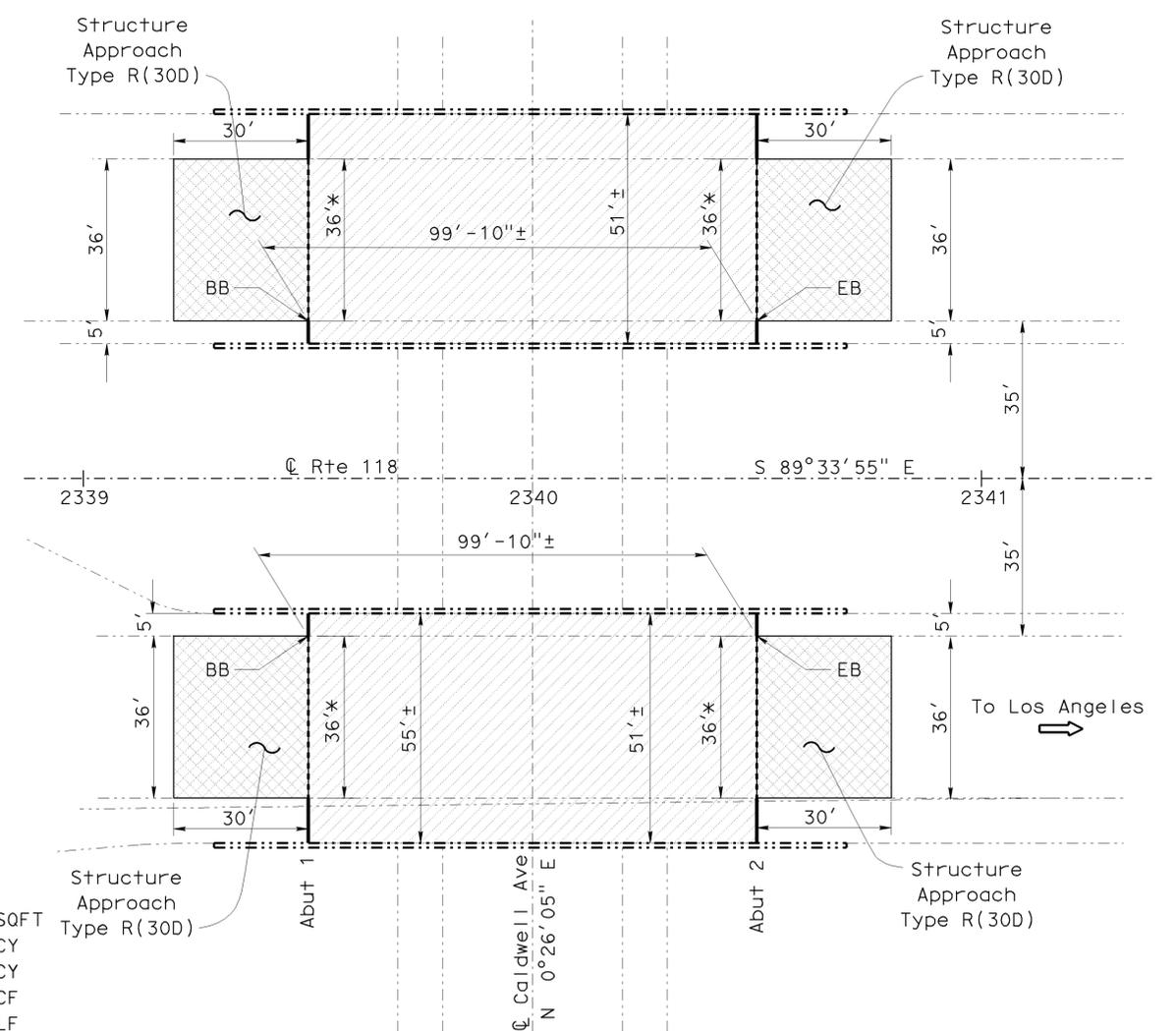
LEGEND:

- Indicates existing.
- Indicates direction of traffic.
- [Hatched Box] Indicates limits of clean and treat bridge deck with high molecular weight methacrylate.
- [Cross-hatched Box] Indicates limits of remove existing approach and place new Structure Approach Type R(30D). For details see "STRUCTURE APPROACH TYPE R(30D)" sheet.
- Indicates limits of existing joint seal removal, clean expansion joint and placement of new joint seal.
- - - - - Indicates limits of existing joint seal removal and placement of new joint seal.
- *
- * Indicates limits of paving notch extension



CALDWELL AVENUE UC #52-0346L/R
QUANTITIES

CLEAN BRIDGE DECK	10,385 SQFT
AGGREGATE BASE (APPROACH SLAB)	16 CY
STRUCTURAL CONCRETE, APPROACH SLAB (TYPE R)	160 CY
PAVING NOTCH EXTENSION	108 CF
CLEAN EXPANSION JOINT	64 LF
PUBLIC SAFETY PLAN	LUMP SUM
JOINT SEAL (MR 1/2")	208 LF
TREAT BRIDGE DECK	10,385 SQFT
FURNISH BRIDGE DECK TREATMENT MATERIAL	130 GAL



CALDWELL AVENUE UC

Br No. 52-0346L/R, Rte 118, PM R24.15
1" = 20'

NOTE:
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MADERA ROAD UC

Br No. 52-0354L/R, Rte 118, PM R22.99
1" = 20'



TONY D. BRAKE DESIGN ENGINEER	DESIGN	BY Vinh Dang	CHECKED Hong Tien Tran	LOAD FACTOR DESIGN	LIVE LOADING: HS20-44 AND ALTERNATIVE AND PERMIT DESIGN LOAD	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	BRIDGE NO.	Various	ROUTE 23,33,34,118,126,150 BRIDGES GENERAL PLAN NO. 5
	DETAILS	BY Clayton Tom	CHECKED Vinh Dang	LAYOUT	BY Clayton Tom		POST MILE	Varies	
	QUANTITIES	BY Vinh Dang	CHECKED Hong Tien Tran	SPECIFICATIONS	BY Jarvis Mahe				

STRUCTURES MAINTENANCE GENERAL PLAN SHEET (ENGLISH) (REV. 09-01-10) ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3 UNIT: 07608 PROJECT NUMBER & PHASE: 0700001898 1 CONTRACT NO.: 4Y7701 DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES: 03-04-11, 05-06-11, 05-20-11, 07-11-11 SHEET 05 OF 16

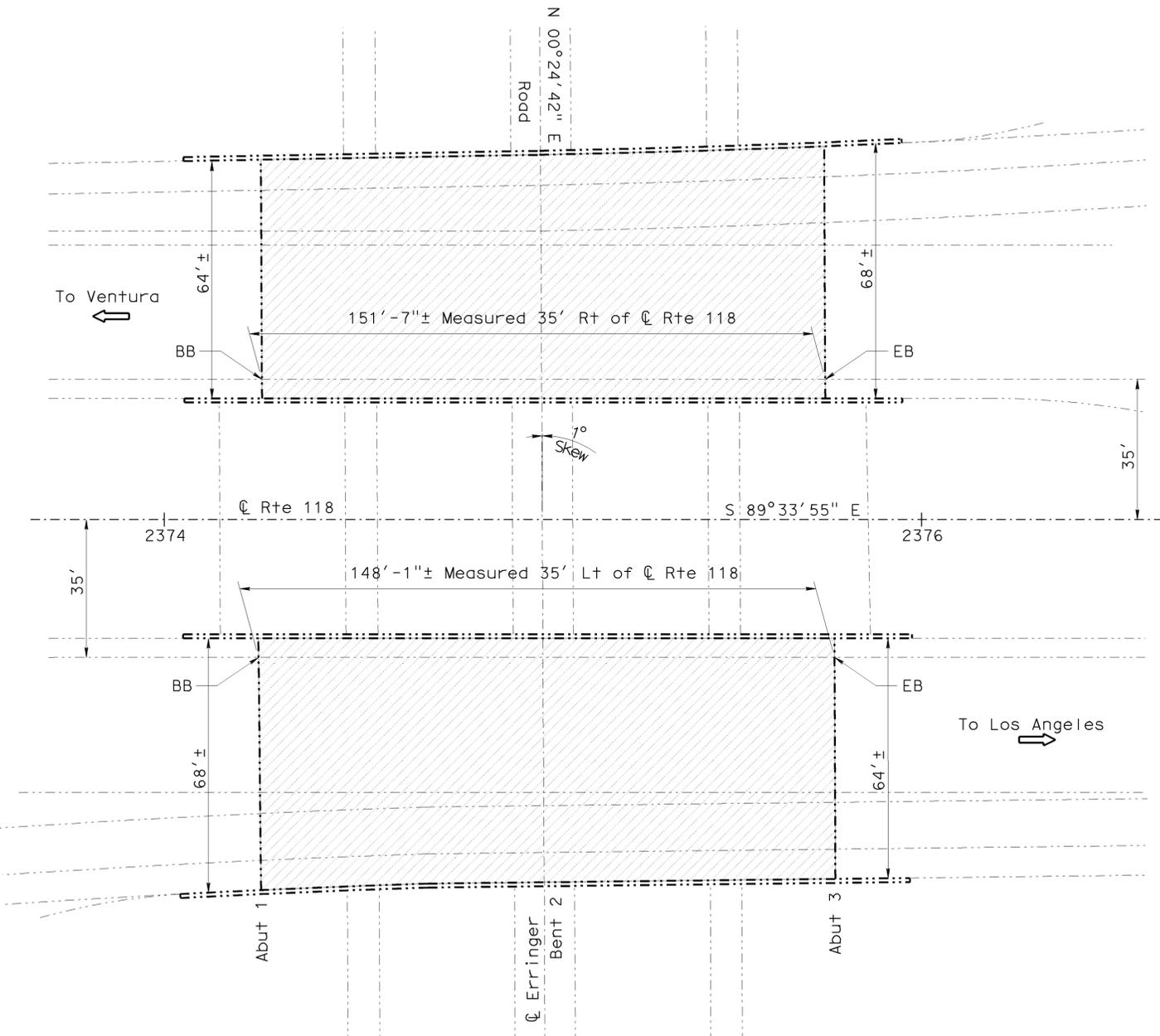
FILE => 07-4y7701-a-gp05.dgn

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	Ven	23,33,34,118,126,150	Var	24	34

08-19-11
 REGISTERED CIVIL ENGINEER DATE
 11-28-11
 PLANS APPROVAL DATE
 VINH DUC L. DANG
 No. C65096
 Exp. 09/30/13
 CIVIL
 STATE OF CALIFORNIA
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LEGEND:

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- ➔ Indicates direction of traffic.
- ▨ Indicates limits of clean and treat bridge deck with high molecular weight methacrylate.



ERRINGER ROAD UC #52-0326L/R QUANTITIES

CLEAN BRIDGE DECK	19,780 SQFT
PUBLIC SAFETY PLAN	LUMP SUM
TREAT BRIDGE DECK	19,780 SQFT
FURNISH BRIDGE DECK TREATMENT MATERIAL	248 GAL

NOTE:
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ERRINGER ROAD UC
 Br No. 52-0326L/R, Rte 118, PM R24.81
 1" = 20'

TONY D. BRAKE DESIGN ENGINEER	DESIGN	BY Vinh Dang	CHECKED Hong Tien Tran	LOAD FACTOR DESIGN	LIVE LOADING: HS20-44 AND ALTERNATIVE AND PERMIT DESIGN LOAD	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	BRIDGE NO.	ROUTE 23,33,34,118,126,150 BRIDGES GENERAL PLAN NO. 6		
	DETAILS	BY Clayton Tom	CHECKED Vinh Dang	LAYOUT	BY Clayton Tom		Checked Vinh Dang		POST MILE	
	QUANTITIES	BY Vinh Dang	CHECKED Hong Tien Tran	SPECIFICATIONS	BY Jarvis Mahe		Checked Jarvis Mahe		Varies	
STRUCTURES MAINTENANCE GENERAL PLAN SHEET (ENGLISH) (REV. 09-01-10)						ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	UNIT: 07608 PROJECT NUMBER & PHASE: 0700001898 1 CONTRACT NO.: 4Y7701	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES	SHEET 06 OF 16

USERNAME => s117283 DATE PLOTTED => 12-OCT-2011 TIME PLOTTED => 11:14

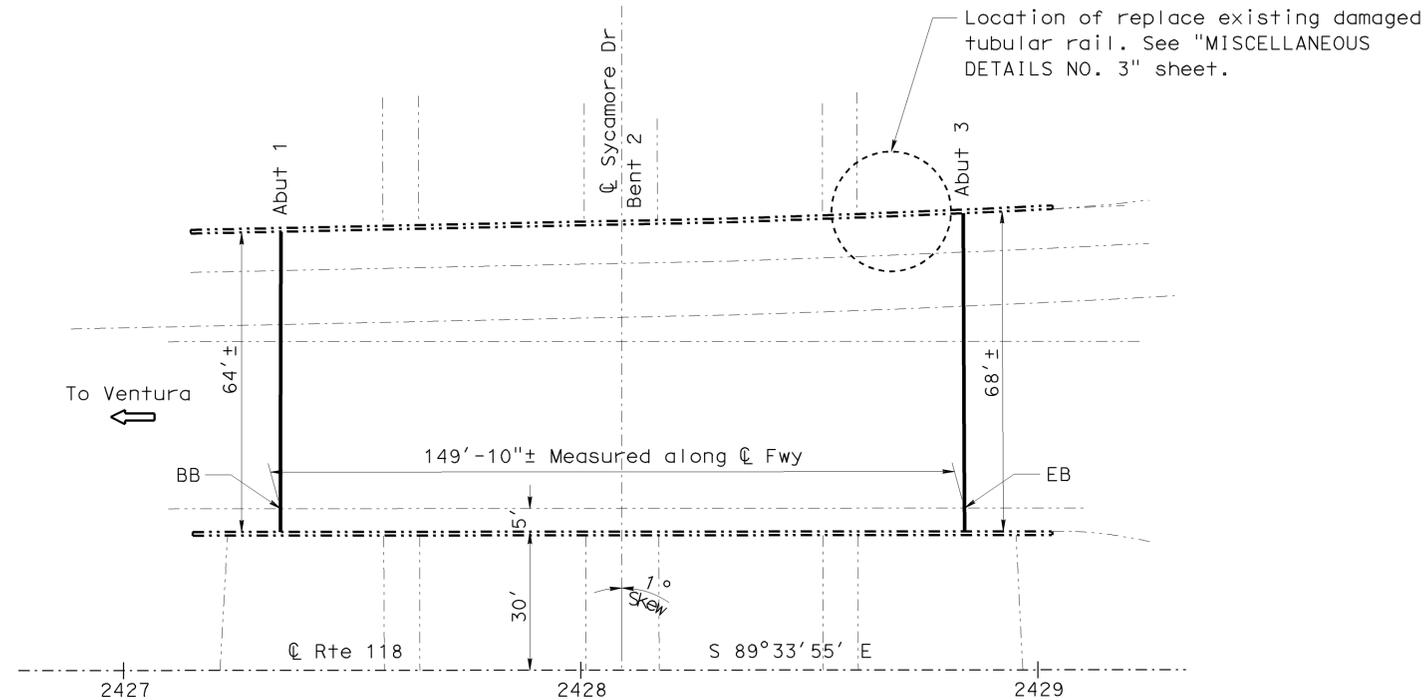
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	Ven	23,33,34,118,126,150	Var	25	34

08-19-11
 REGISTERED CIVIL ENGINEER DATE
 11-28-11
 PLANS APPROVAL DATE
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REGISTERED PROFESSIONAL ENGINEER
 VINH DUC L. DANG
 No. C65096
 Exp. 09/30/13
 CIVIL
 STATE OF CALIFORNIA

LEGEND:

- Indicates existing.
- ➔ Indicates direction of traffic.
- Indicates limits of existing joint seal removal, clean expansion joint and placement of new joint seal.



SYCAMORE DRIVE UC

Br No. 52-0327L, Rte 118, PM R25.81
1" = 20'



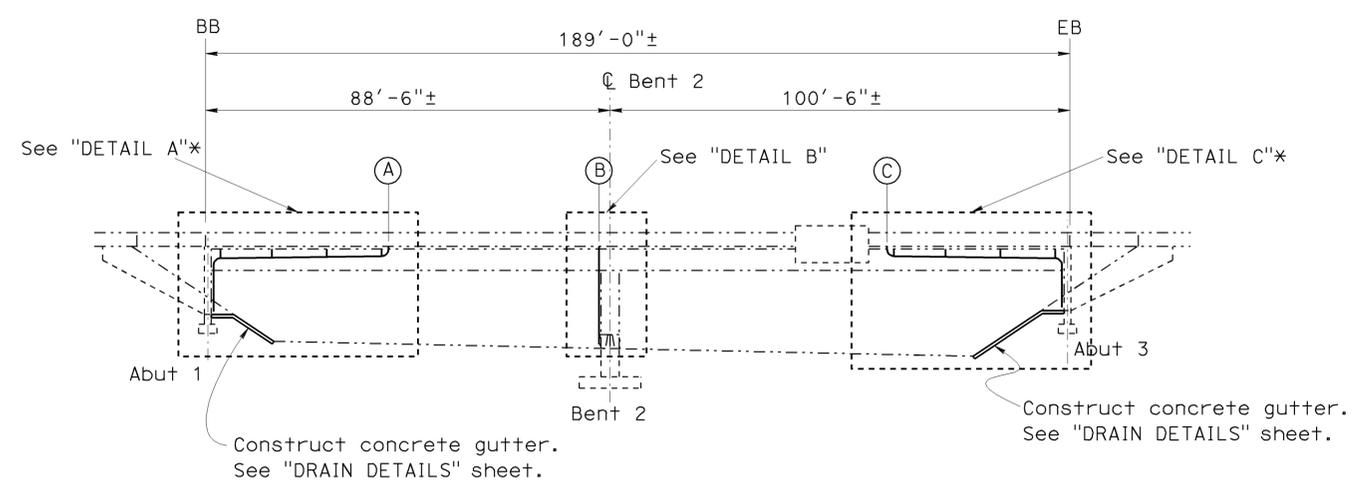
SYCAMORE DRIVE UC #52-0327L
QUANTITIES

BRIDGE REMOVAL (PORTION)	LUMP SUM
CLEAN EXPANSION JOINT	132 LF
JOINT SEAL (MR 1/2")	132 LF
METAL TUBE BRIDGE RAILING	20 LF

NOTE:
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TONY D. BRAKE DESIGN ENGINEER	DESIGN	BY Vinh Dang	CHECKED Hong Tien Tran	LOAD FACTOR DESIGN	LIVE LOADING: HS20-44 AND ALTERNATIVE AND PERMIT DESIGN LOAD	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	BRIDGE NO.	ROUTE 23,33,34,118,126,150 BRIDGES GENERAL PLAN NO. 7				
	DETAILS	BY Clayton Tom	CHECKED Vinh Dang	LAYOUT	BY Clayton Tom		CHECKED Vinh Dang		POST MILE			
	QUANTITIES	BY Vinh Dang	CHECKED Hong Tien Tran	SPECIFICATIONS	BY Jarvis Mahe		CHECKED Jarvis Mahe		VARIES			
STRUCTURES MAINTENANCE GENERAL PLAN SHEET (ENGLISH) (REV. 09-01-10)						ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	UNIT: 07608 PROJECT NUMBER & PHASE: 0700001898 1	CONTRACT NO.: 4Y7701	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES	SHEET 07	OF 16

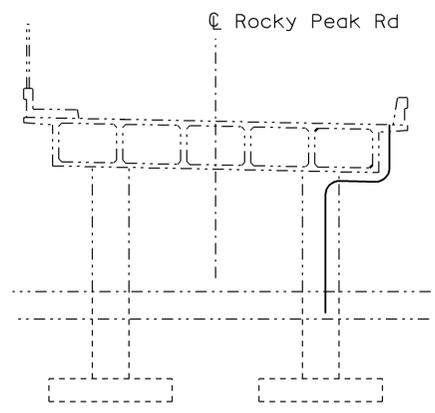
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	Ven	23,33,34,118,126,150	Var	26	34
<i>Vinh Duc L. Dang</i> 08-19-11 REGISTERED CIVIL ENGINEER DATE					
11-28-11				PLANS APPROVAL DATE	
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ELEVATION

1" = 20'

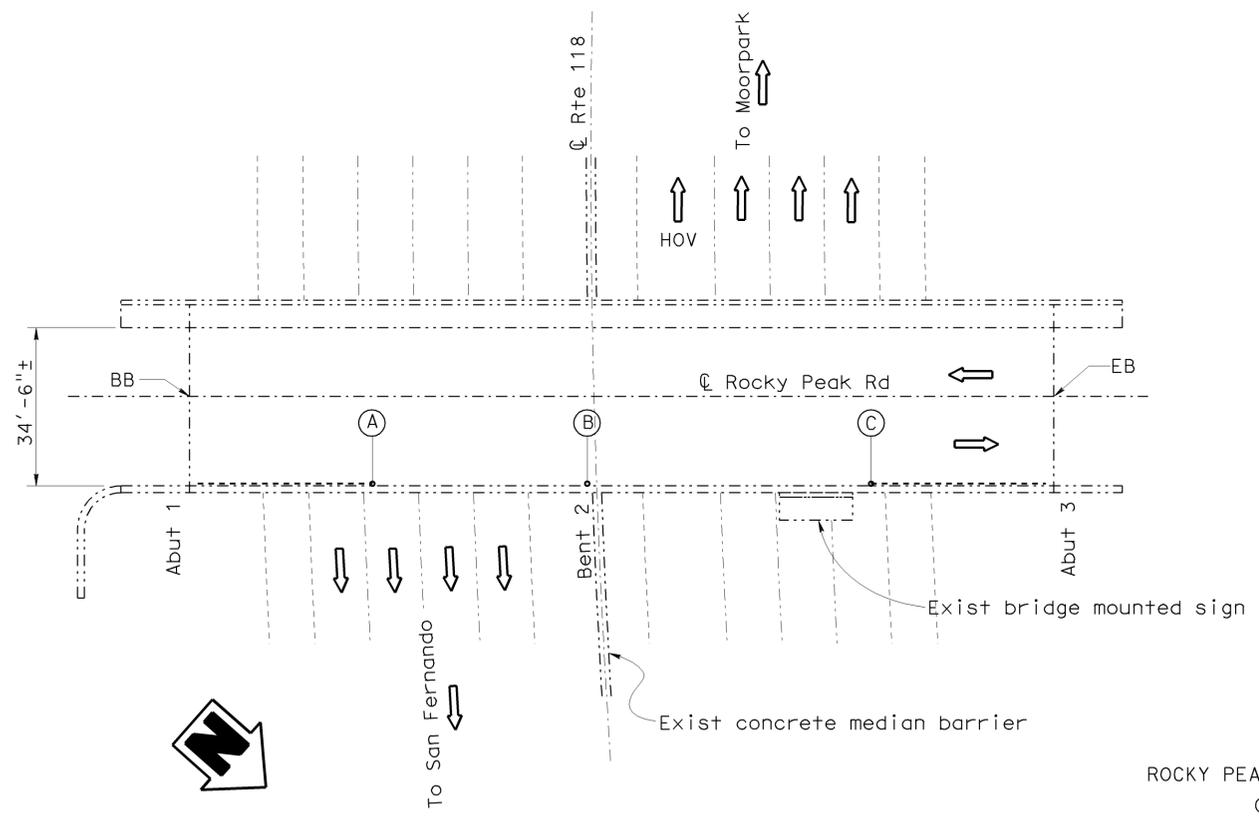
* For "DETAIL A" and "DETAIL C", see "DRAIN DETAILS" sheet.



TYPICAL SECTION

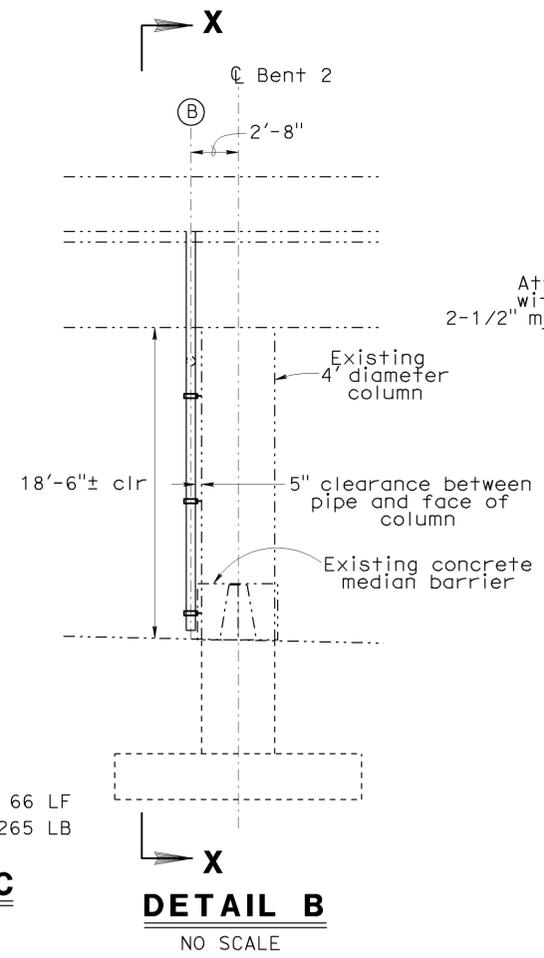
(SHOWN AT LOCATION (B))
1" = 10'

- LEGEND:**
- Indicates existing.
 - Indicates direction of traffic.
 - (A) Indicates location of installing deck drain and drainage pipe system at right EOD barrier rail. See "DRAIN DETAILS" sheet for additional information.



PLAN

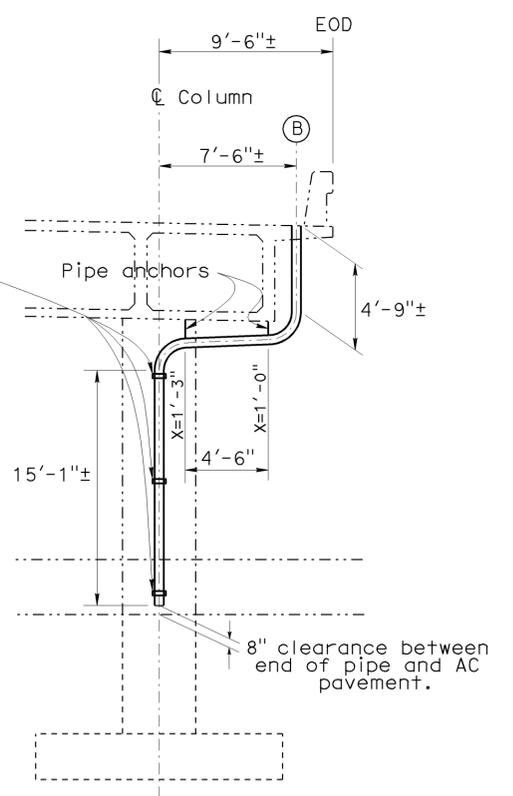
1" = 20'



DETAIL B

NO SCALE

Attach to face of column with 3/8" X 1 1/2" straps with 2-1/2" metal expansion anchors. Total 3, equally spaced.



VIEW X-X

NO SCALE

NOTE: For additional information, see "DRAIN DETAILS" sheet.

NOTE:
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ROCKY PEAK ROAD OC #52-0283
QUANTITIES
MINOR CONCRETE (GUTTER) 66 LF
BRIDGE DECK DRAINAGE SYSTEM 1,265 LB

ROCKY PEAK ROAD OC

Br No. 52-0283, Rte 118, PM R32.43

TONY D. BRAKE DESIGN ENGINEER	DESIGN	BY Vinh Dang	CHECKED Hong Tien Tran	LOAD FACTOR DESIGN	LIVE LOADING: HS20-44 AND ALTERNATIVE AND PERMIT DESIGN LOAD	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	BRIDGE NO.	ROUTE 23,33,34,118,126,150 BRIDGES GENERAL PLAN NO. 8				
	DETAILS	BY Clayton Tom	CHECKED Vinh Dang	LAYOUT	BY Clayton Tom		CHECKED Vinh Dang		POST MILE			
	QUANTITIES	BY Vinh Dang	CHECKED Hong Tien Tran	SPECIFICATIONS	BY Jarvis Mahe		CHECKED Jarvis Mahe		VARIES			
STRUCTURES MAINTENANCE GENERAL PLAN SHEET (ENGLISH) (REV. 09-01-10)						ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	UNIT: 07608 PROJECT NUMBER & PHASE: 0700001898 1	CONTRACT NO.: 4Y7701	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES	SHEET 08	OF 16

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	Ven	23,33,34,118,126,150	Var	27	34

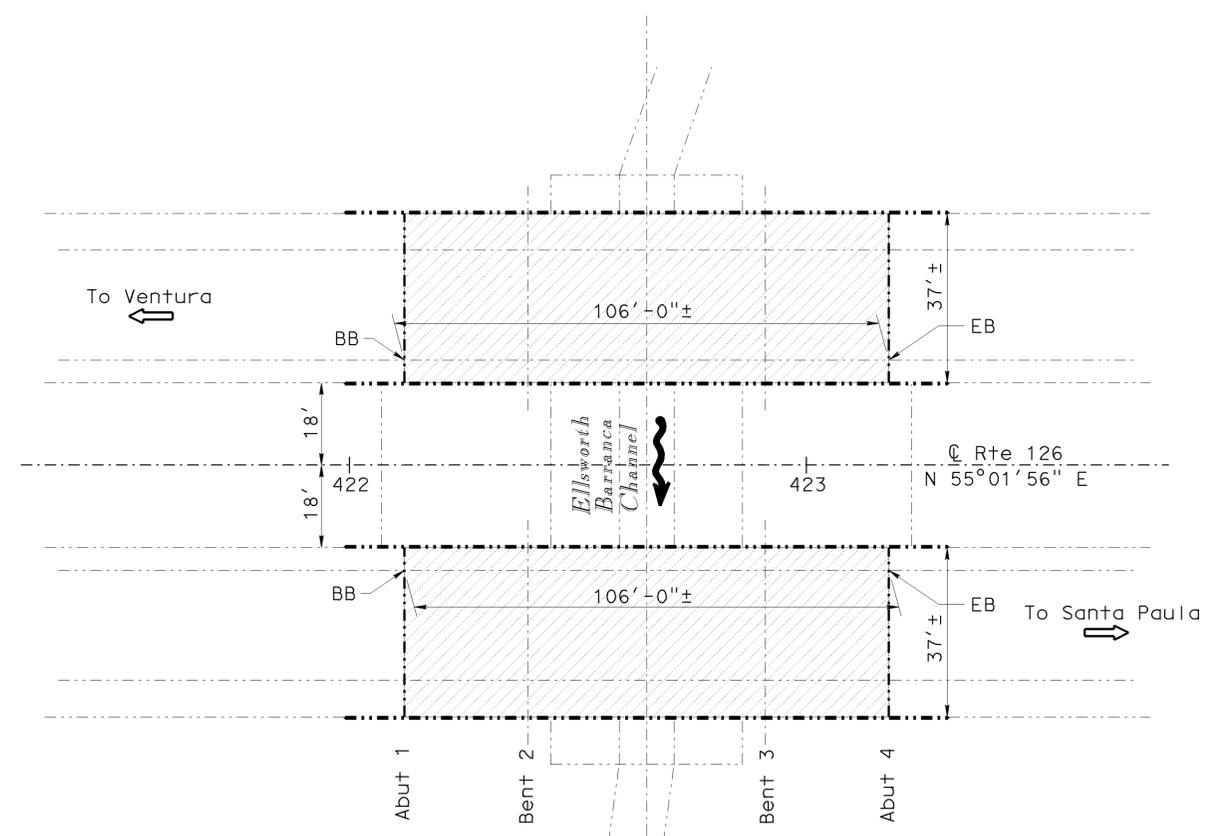
08-19-11
 REGISTERED CIVIL ENGINEER DATE
 11-28-11
 PLANS APPROVAL DATE
 Vinh Duc L. Dang
 No. C65096
 Exp. 09/30/13
 CIVIL
 STATE OF CALIFORNIA
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LEGEND:

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- Indicates limits of existing joint seal removal, clean expansion joint and placement of new joint seal.

TODD BARRANCA #52-0250L/R
QUANTITIES

CLEAN BRIDGE DECK	12,210 SQFT
CLEAN EXPANSION JOINT	148 LF
JOINT SEAL (MR 1/2")	148 LF
TREAT BRIDGE DECK	12,210 SQFT
FURNISH BRIDGE DECK TREATMENT MATERIAL	153 GAL



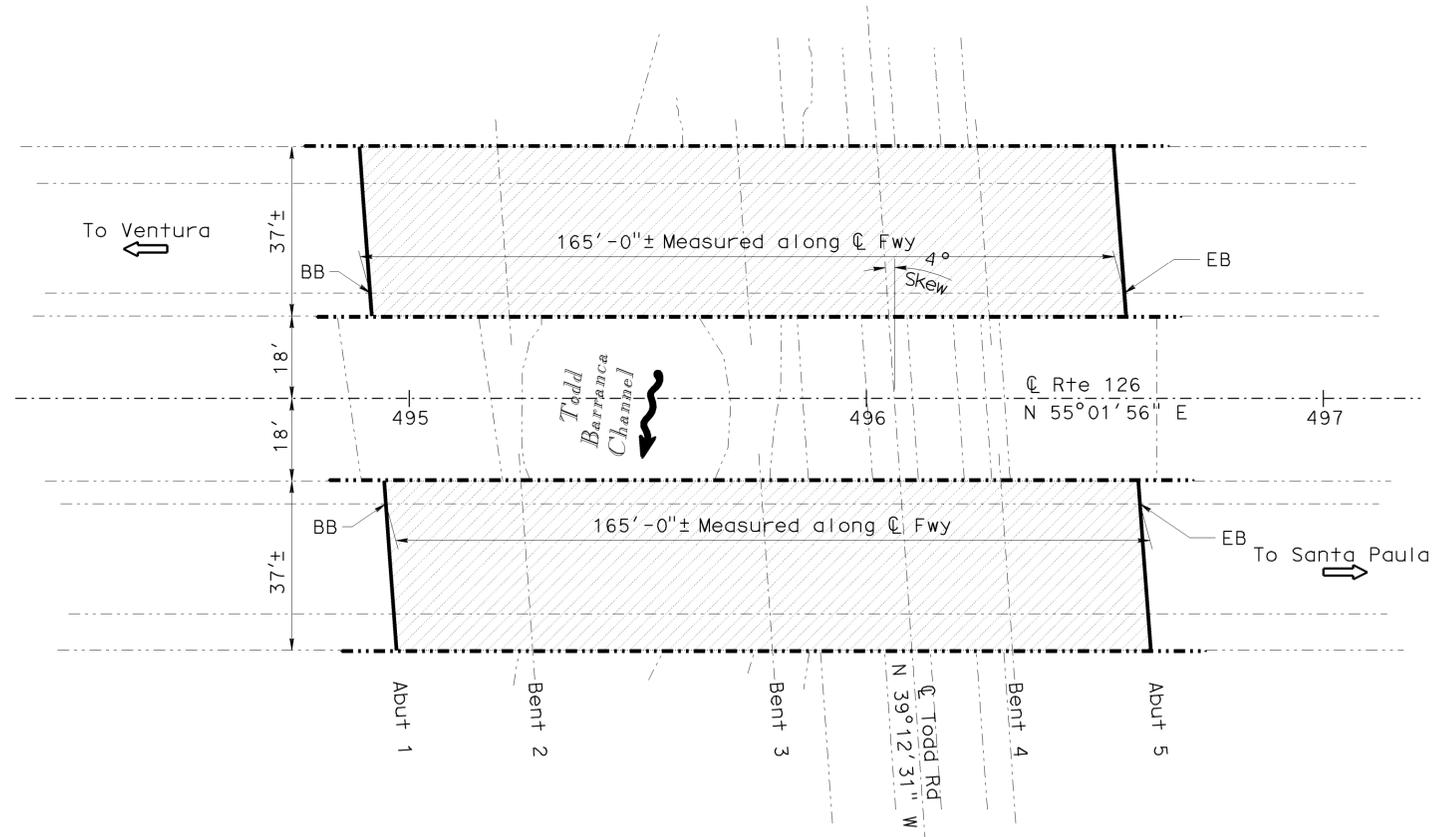
ELLSWORTH BARRANCA

Br No. 52-0269L/R, Rte 126, PM R6.43
1" = 20'

ELLSWORTH BARRANCA #52-0269L/R
QUANTITIES

CLEAN BRIDGE DECK	7,845 SQFT
TREAT BRIDGE DECK	7,845 SQFT
FURNISH BRIDGE DECK TREATMENT MATERIAL	99 GAL

NOTE:
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TODD BARRANCA

Br No. 52-0250L/R, Rte 126, PM R7.81
1" = 20'

TONY D. BRAKE DESIGN ENGINEER	DESIGN	BY Vinh Dang	CHECKED Hong Tien Tran	LOAD FACTOR DESIGN	LIVE LOADING: HS20-44 AND ALTERNATIVE AND PERMIT DESIGN LOAD
	DETAILS	BY Clayton Tom	CHECKED Vinh Dang	LAYOUT	BY Clayton Tom
	QUANTITIES	BY Vinh Dang	CHECKED Hong Tien Tran	SPECIFICATIONS	BY Jarvis Mahe

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

DIVISION OF MAINTENANCE
STRUCTURE MAINTENANCE DESIGN

BRIDGE NO. Various
POST MILE Varies
ROUTE 23,33,34,118,126,150 BRIDGES
GENERAL PLAN NO. 9

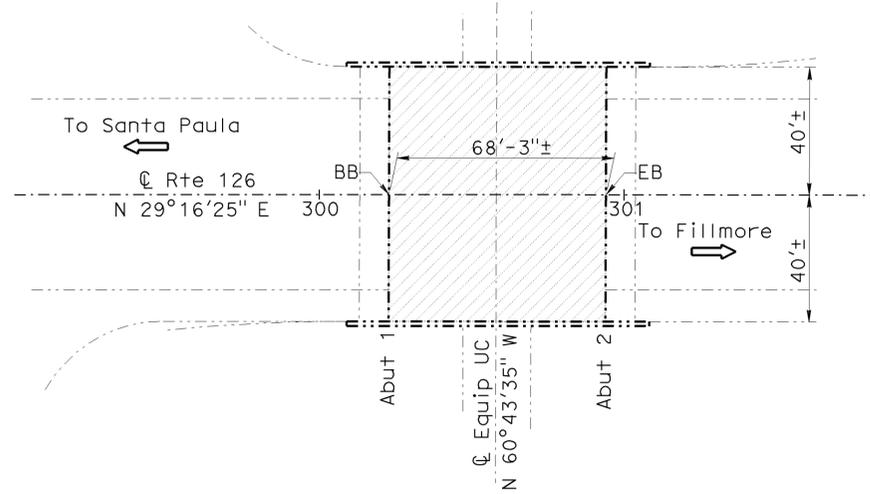
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	Ven	23,33,34,118,126,150	Var	28	34

08-19-11
 REGISTERED CIVIL ENGINEER DATE
 11-28-11
 PLANS APPROVAL DATE
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REGISTERED PROFESSIONAL ENGINEER
 VINH DUC L. DANG
 No. C65096
 Exp. 09/30/13
 CIVIL
 STATE OF CALIFORNIA

LEGEND:

- Indicates existing.
- ➔ Indicates direction of traffic.
- ▨ Indicates limits of clean and treat bridge deck with high molecular weight methacrylate.



SESPE RANCH UC NO. 2

Br No. 52-0423, Rte 126, PM 18.53
 1" = 30'



SESPE RANCH UC NO. 2 #52-0423

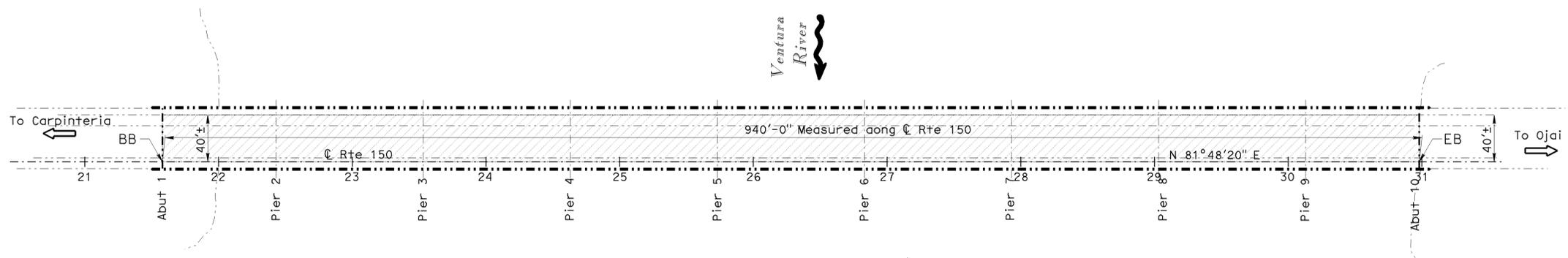
QUANTITIES

CLEAN BRIDGE DECK	5,460 SQFT
PUBLIC SAFETY PLAN	LUMP SUM
TREAT BRIDGE DECK	5,460 SQFT
FURNISH BRIDGE DECK TREATMENT MATERIAL	69 GAL

VENTURA RIVER #52-0358

QUANTITIES

CLEAN BRIDGE DECK	37,600 SQFT
TREAT BRIDGE DECK	37,600 SQFT
FURNISH BRIDGE DECK TREATMENT MATERIAL	470 GAL



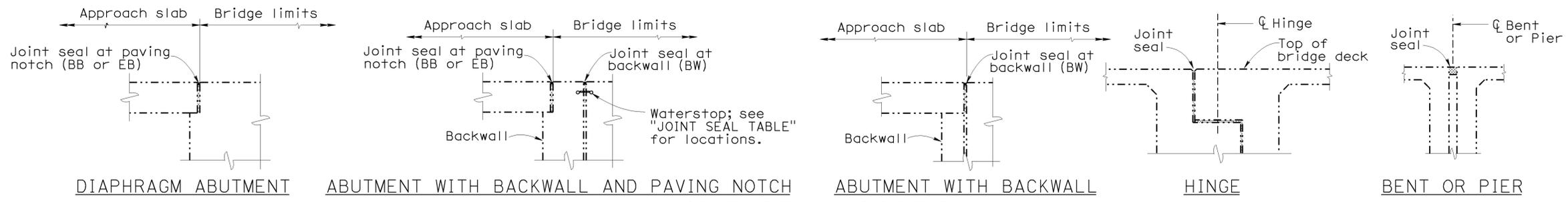
VENTURA RIVER

Br No. 52-0358, Rte 150, PM R13.42
 1" = 50'



NOTE:
 THE CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL. EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.

TONY D. BRAKE DESIGN ENGINEER	DESIGN	BY Vinh Dang	CHECKED Hong Tien Tran	LOAD FACTOR DESIGN	LIVE LOADING: HS20-44 AND ALTERNATIVE AND PERMIT DESIGN LOAD	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	BRIDGE NO.	ROUTE 23,33,34,118,126,150 BRIDGES GENERAL PLAN NO. 10			
	DETAILS	BY Clayton Tom	CHECKED Vinh Dang	LAYOUT	BY Clayton Tom		POST MILE				
	QUANTITIES	BY Vinh Dang	CHECKED Hong Tien Tran	SPECIFICATIONS	BY Jarvis Mahe		PLANS AND SPECS COMPARED Jarvis Mahe		Varies		
STRUCTURES MAINTENANCE GENERAL PLAN SHEET (ENGLISH) (REV. 09-01-10)						ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	UNIT: 07608 PROJECT NUMBER & PHASE: 0700001898 1	CONTRACT NO.: 4Y7701	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES	SHEET 10 OF 16



JOINT SEAL LOCATION
NO SCALE

NOTES:

The following notes apply to JOINT SEAL TYPE A:

Install Joint Seal (MR = 1/2") or Silicone Joint Seal 3" up into curb or barrier rail on the low side of the deck where deck joint aligns with curb or barrier rail joint.

For details not shown see RSP B6-21 sheet.

The following notes apply to JOINT SEAL TYPE B:

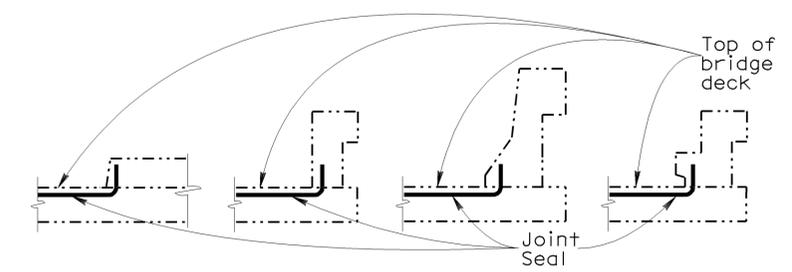
- 1) Seal must satisfy both minimum Movement Rating (MR) and minimum W1 requirements.
- 2) Minimum W1 is the calculated maximum width of the joint based on field measurements. After the joints have been cleaned, minimum W1 is to be recalculated by the Engineer.
- 3) W1 shall be the smaller of the values determined as follows:
 - A) 0.85 times the manufacturer's designed minimum uncompressed width of the seal.
 - B) The width of the seal on the third successive test cycle of the pressure deflection test, when compressed to an average pressure of 3.0 PSI.
- 4) Bend Type B joint seal 6 inches up into curb or rail on the low side of the deck where deck joint matches curb or rail joint.

For details not shown see RSP B6-21 sheet.

JOINT SEAL TABLE						
BRIDGE NAME	BRIDGE NUMBER	LOCATION	MINIMUM "MR" (INCHES)	APPROX LENGTH (FT)	EXISTING WATERSTOP	APPROX DEPTH TO CLEAN EXP JOINT (INCHES)
Godwin Canyon	52-0083	Abut 1	1/2	32	No	6
		Abut 2	1/2	32	No	6
Alamos Canyon Road UC	52-0355L	Abut 1	1/2	39	No	6
		Abut 2	1/2	39	No	6
	52-0355R	Abut 1	1/2	39	No	6
		Abut 4	1/2	39	No	6
Madera Road UC	52-0345L	Abut 1	1/2	51	No	6
		Abut 3	1/2	51	No	6
	52-0345R	Abut 1	1/2	51	No	6
		Abut 3	1/2	51	No	6
Caldwell Avenue UC	52-0346L	Abut 1	1/2	51	No	6
		Abut 2	1/2	51	No	6
	52-0346R	Abut 1	1/2	55	No	6
		Abut 2	1/2	51	No	6
Sycamore Drive UC	52-0327L	Abut 1	1/2	64	No	6
		Abut 3	1/2	68	No	6
Todd Barranca	52-0250L	Abut 1	1/2	37	No	6
		Abut 5	1/2	37	No	6
	52-0250R	Abut 1	1/2	37	No	6
		Abut 5	1/2	37	No	6

PN=Paving Notch, BW=Backwall

NOTE:
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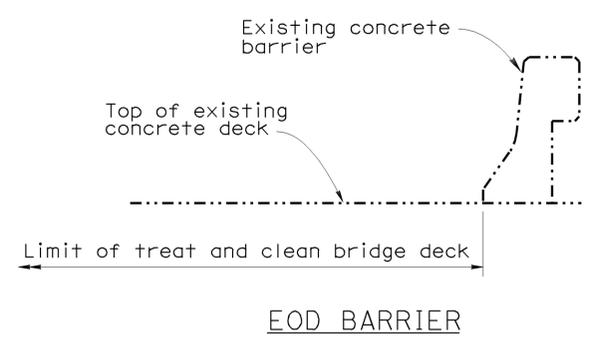
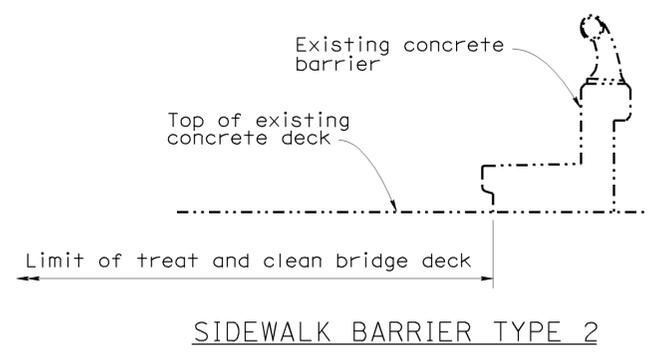
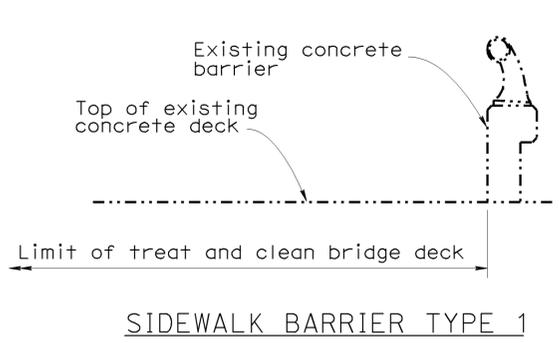
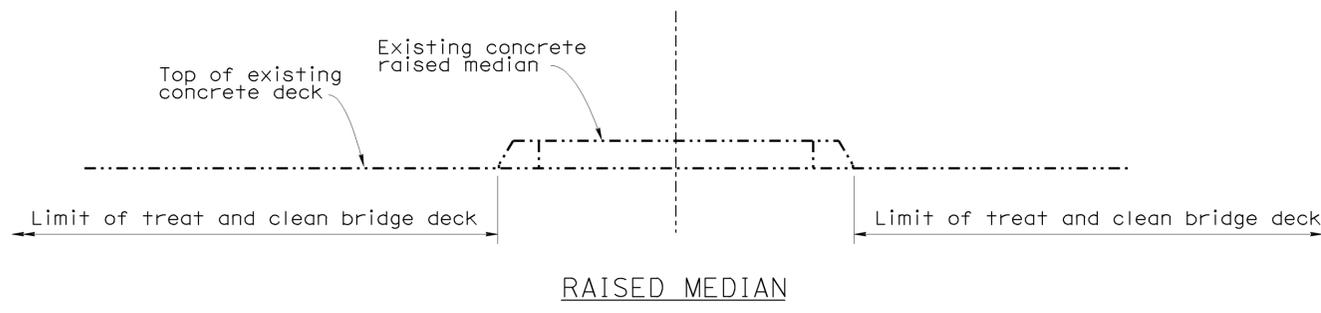
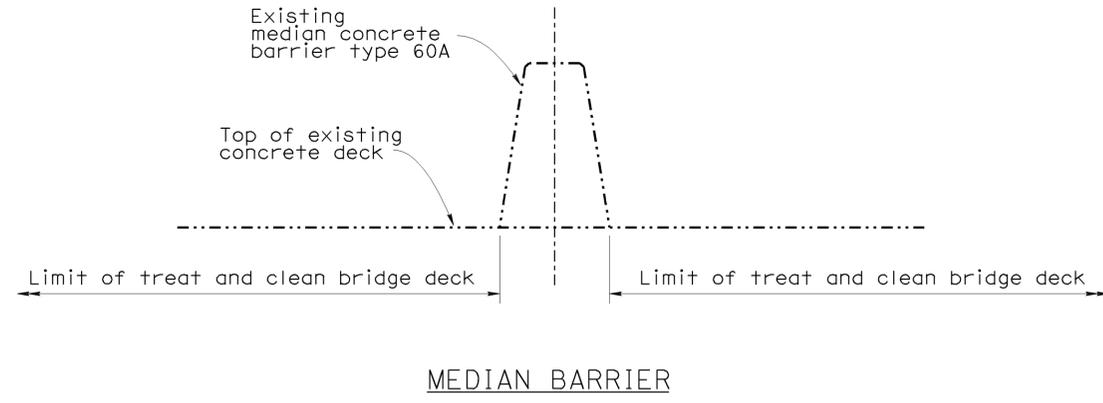


BARRIER RAIL
JOINT SEAL AT LOW SIDE OF DECK

Note: Details shown for illustration purposes only.

For use only where deck joint matches the sidewalk, curb or barrier rail joint.

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	Ven	23,33,34,118,126,150	Var	30	34
				08-19-11	
REGISTERED CIVIL ENGINEER				DATE	
11-28-11				PLANS APPROVAL DATE	
					
<small>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.</small>					



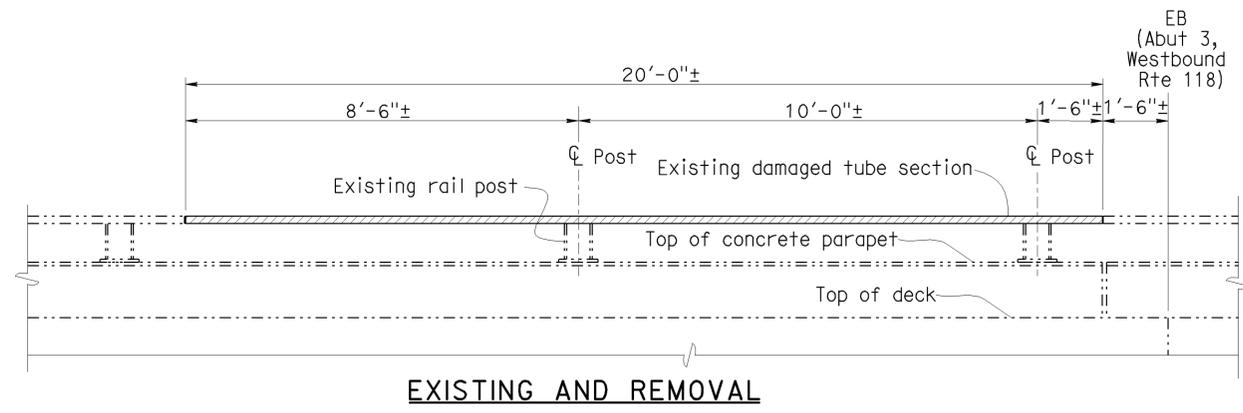
TYPICAL LIMITS OF DECK WORK
NO SCALE

NOTE:
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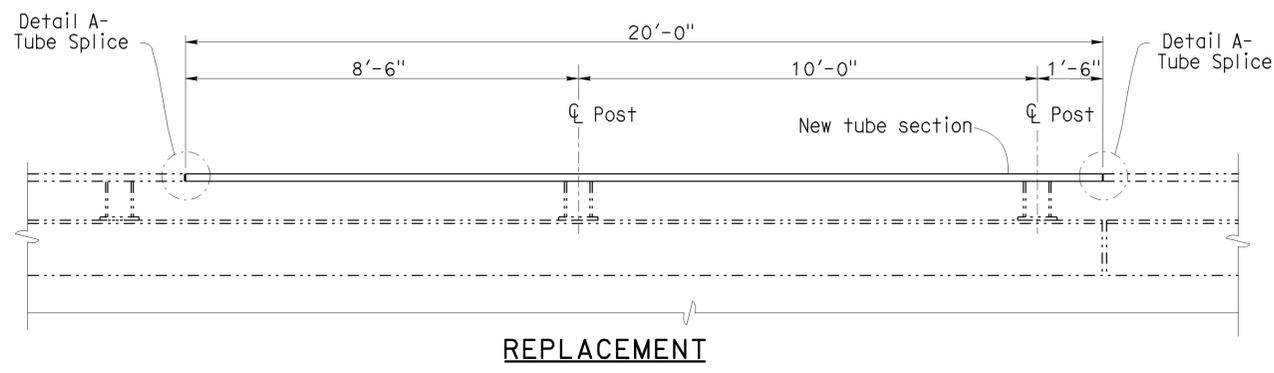
STRUCTURES MAINTENANCE DETAIL SHEET (ENGLISH) (REV. 09-01-10)	DESIGN	BY Vinh Dang	CHECKED Hong Tien Tran	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	BRIDGE NO.	ROUTE 23, 33, 34, 118, 126, 150 BRIDGES MISCELLANEOUS DETAILS NO. 2
	DETAILS	BY Clayton Tom	CHECKED Vinh Dang		Various	
QUANTITIES	BY Vinh Dang	CHECKED Hong Tien Tran	Varies			
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS				0 1 2 3	UNIT: 07608 PROJECT NUMBER & PHASE: 0700001898 1 CONTRACT NO.: 4Y7701	
DISREGARD PRINTS BEARING EARLIER REVISION DATES					REVISION DATES 01-04-11 05-16-11 05-26-11 07-11-11	SHEET 12 OF 16

USERNAME => s117263 DATE PLOTTED => 12-OCT-2011 TIME PLOTTED => 11:36

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	Ven	23,33,34,118,126,150	Var	31	34
 REGISTERED CIVIL ENGINEER DATE 08-19-11					
11-28-11 PLANS APPROVAL DATE					
<small>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.</small>					



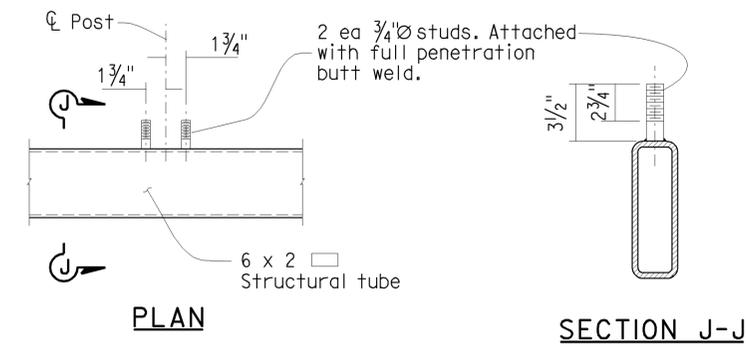
EXISTING AND REMOVAL



REPLACEMENT

TYPE 9 BARRIER RAILING REPAIR

NO SCALE



STUD BOLT DETAILS

NO SCALE

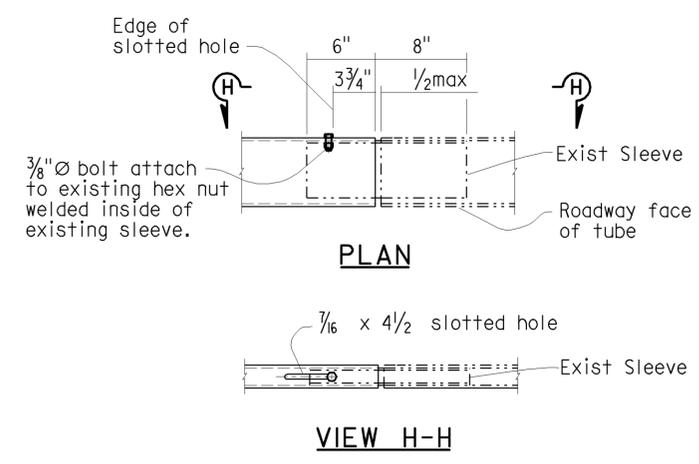
NOTE:
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LEGEND

- Indicates existing.
-  Indicates limits of removal of existing Barrier Railing Type 9 tube.

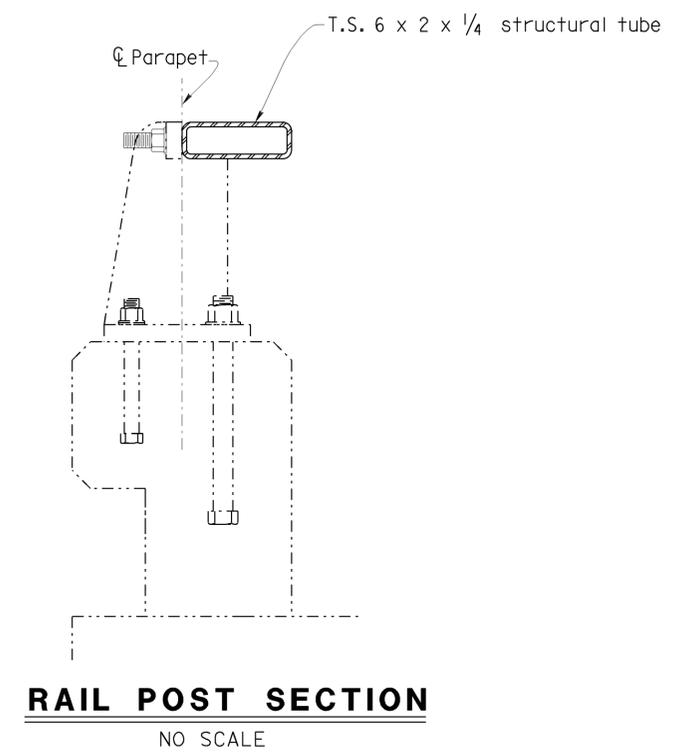
NOTES

- A. All parts to be galvanized after fabrication.



DETAIL A - TUBE SPLICE

NO SCALE



RAIL POST SECTION

NO SCALE

DESIGN	BY Vinh Dang	CHECKED Hong Tien Tran
DETAILS	BY Clayton Tom	CHECKED Vinh Dang
QUANTITIES	BY Vinh Dang	CHECKED Hong Tien Tran

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

DIVISION OF MAINTENANCE
STRUCTURE MAINTENANCE DESIGN

BRIDGE NO.	Various
POST MILE	Varies

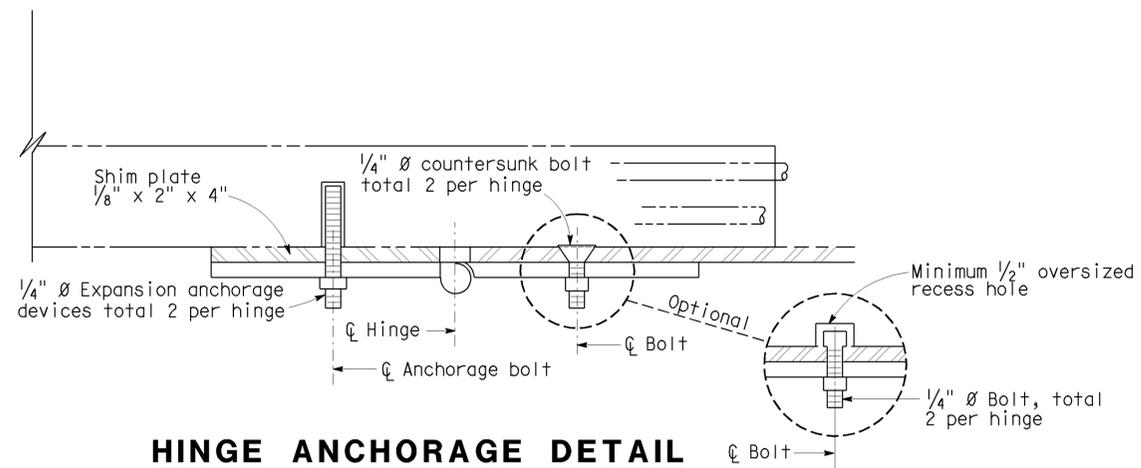
ROUTE 23,33,34,118,126,150 BRIDGES
MISCELLANEOUS DETAILS NO. 3



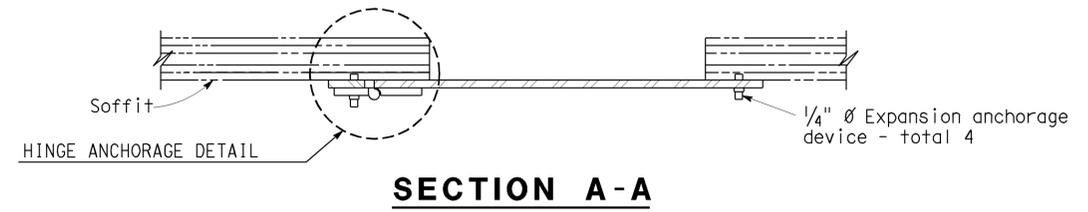
REVISION DATES	SHEET	OF
05-06-11	13	16

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USER NAME => s117263

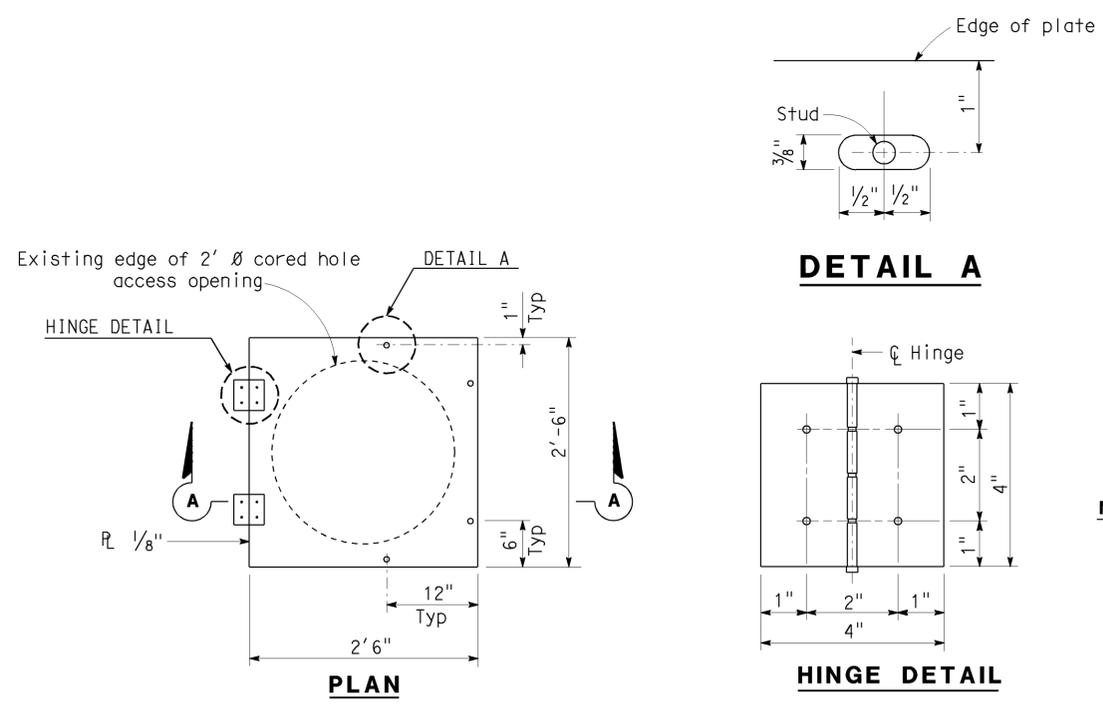
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	Ven	23,33,34,118,126,150	Var	32	34
<i>Vinh Duc L. Dang</i> REGISTERED CIVIL ENGINEER DATE 08-19-11					
11-28-11 PLANS APPROVAL DATE					
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HINGE ANCHORAGE DETAIL



SECTION A-A



SOFFIT ACCESS DOOR ASSEMBLY

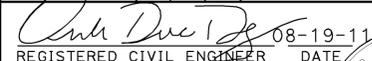
Note: Soffit access door opening direction to be determined by the Engineer

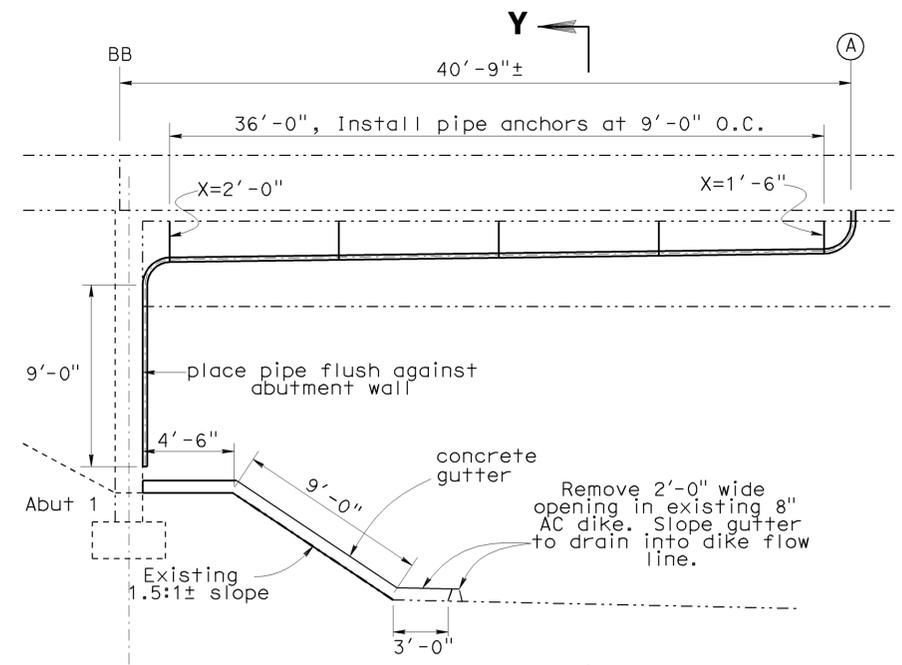
NOTES:

1. Non-removable pin in hinge.
2. Hinge assembly to be galvanized, brass or stainless steel.
3. Use thread locking system for all hinge nuts.
4. Hinge assembly to be minimum 1/8" thick.

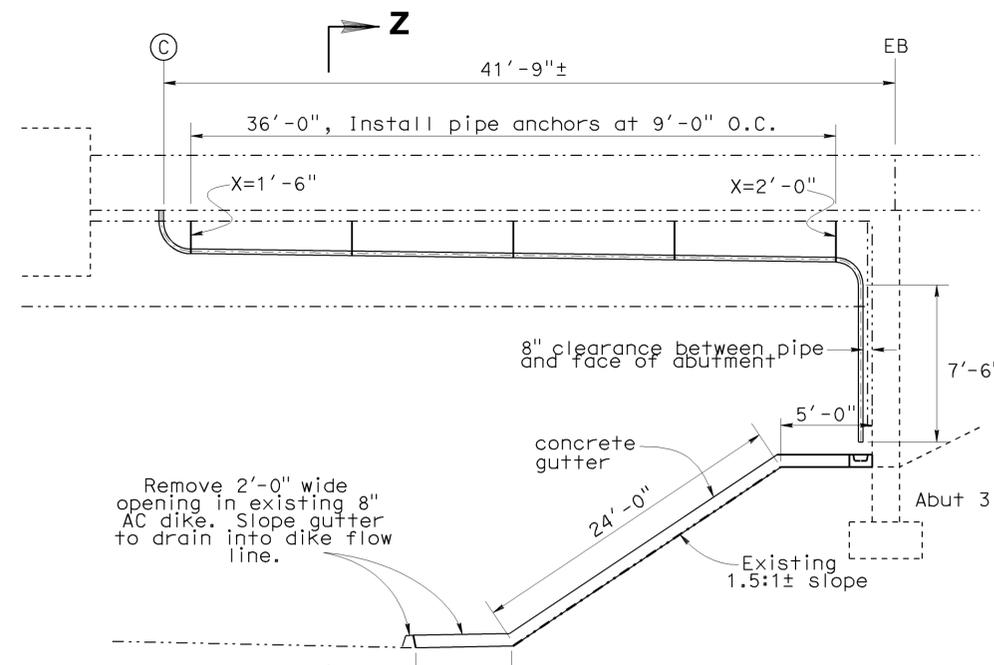
NOTE:
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STRUCTURES MAINTENANCE DETAIL SHEET (ENGLISH) (REV. 09-01-10)	DESIGN	BY Vinh Dang	CHECKED Hong Tien Tran	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF MAINTENANCE STRUCTURE MAINTENANCE DESIGN	BRIDGE NO.	ROUTE 23,33,34,118,126,150 BRIDGES						
	DETAILS	BY Clayton Tom	CHECKED Vinh Dang			POST MILE							
	QUANTITIES	BY Vinh Dang	CHECKED Hong Tien Tran			Varies							
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS				UNIT: 07608 PROJECT NUMBER & PHASE: 0700001898 1	CONTRACT NO.: 4Y7701	DISREGARD PRINTS BEARING EARLIER REVISION DATES	<table border="1"> <tr> <th>REVISION DATES</th> <th>SHEET</th> <th>OF</th> </tr> <tr> <td>05-06-11</td> <td>14</td> <td>16</td> </tr> </table>	REVISION DATES	SHEET	OF	05-06-11	14	16
REVISION DATES	SHEET	OF											
05-06-11	14	16											

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	Ven	23,33,34, 118,126,150	Var	33	34
 REGISTERED CIVIL ENGINEER DATE 08-19-11					
11-28-11 PLANS APPROVAL DATE					
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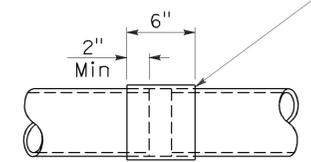


DETAIL A
NO SCALE

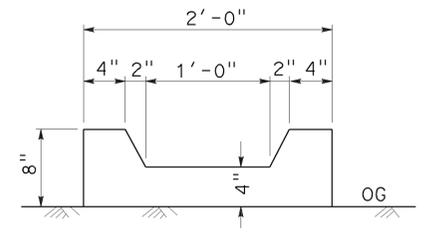


DETAIL C
NO SCALE

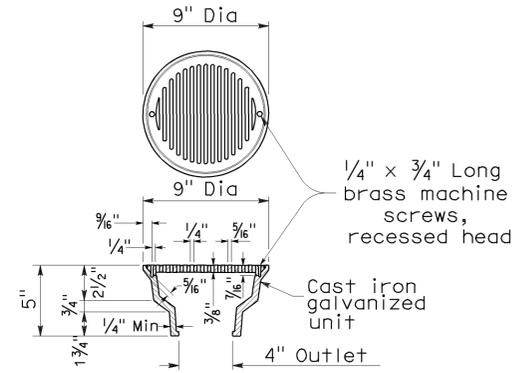
Apply adhesive sealant on pipe periphery to seal joint. Secure each end of sleeve to pipe with 3-#10-24 x 1/2" self tapping hex head screws.



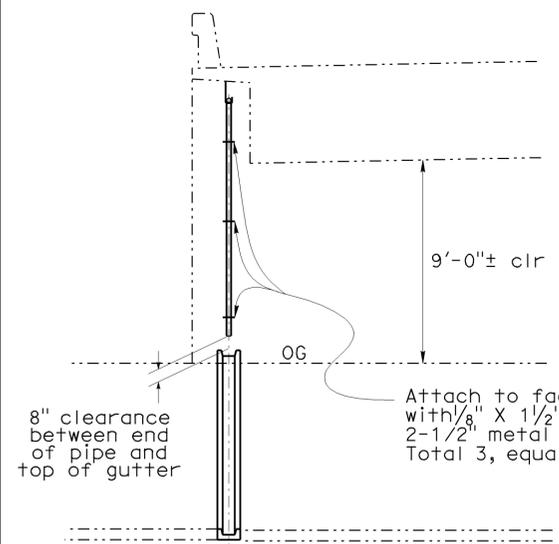
SLEEVE CONNECTION
NO SCALE



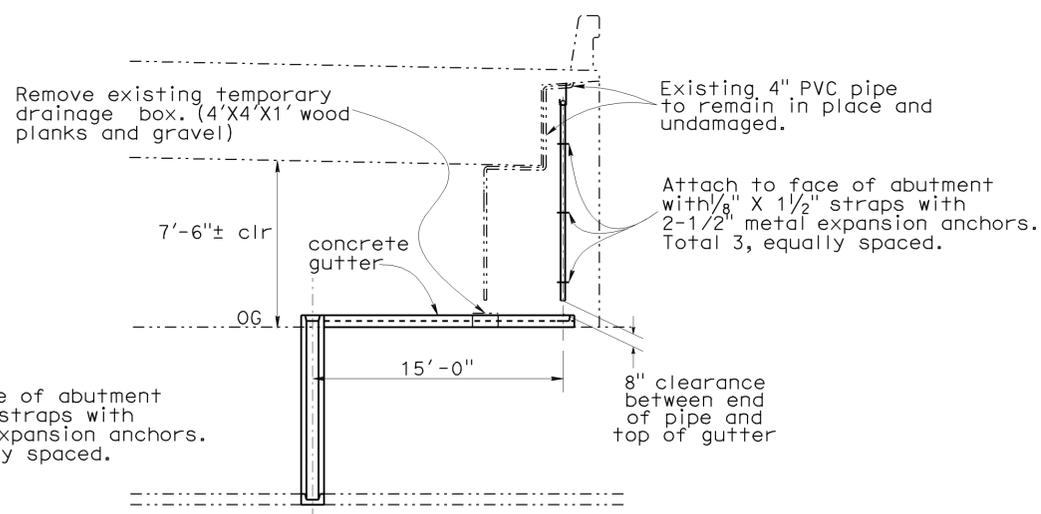
GUTTER SECTION
NO SCALE



DRAIN DETAIL
NO SCALE



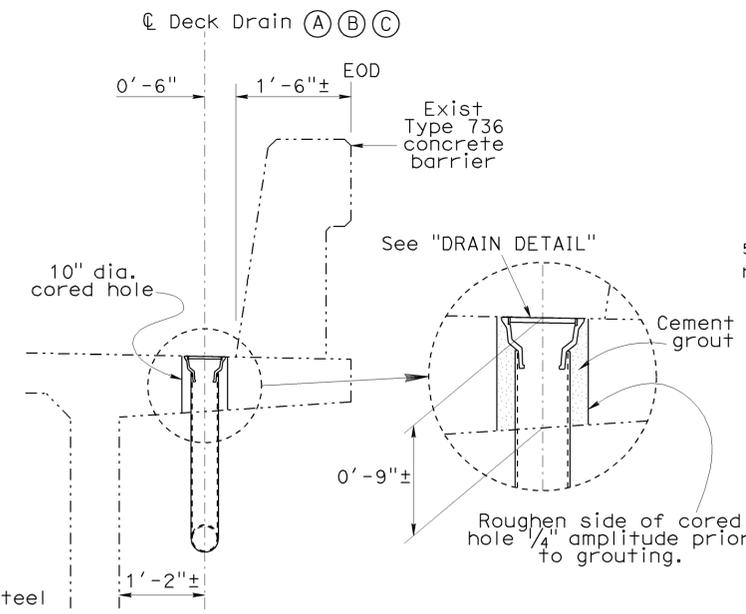
VIEW Y-Y
NO SCALE



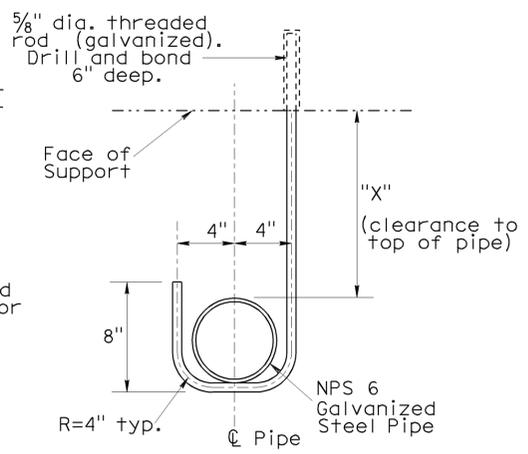
VIEW Z-Z
NO SCALE

NOTE:

All pipe to be galvanized NPS 6 x 0.135" welded steel pipe. Fittings and bends shall have a minimum wall thickness of 1/8". All joints or connections to be butt welded or connected by a steel pipe sleeve and to be smooth throughout inside of pipe. All bends to be on 1'-6" minimum radius measured along C pipe. All bends to be smooth.



INLET SECTION
NO SCALE

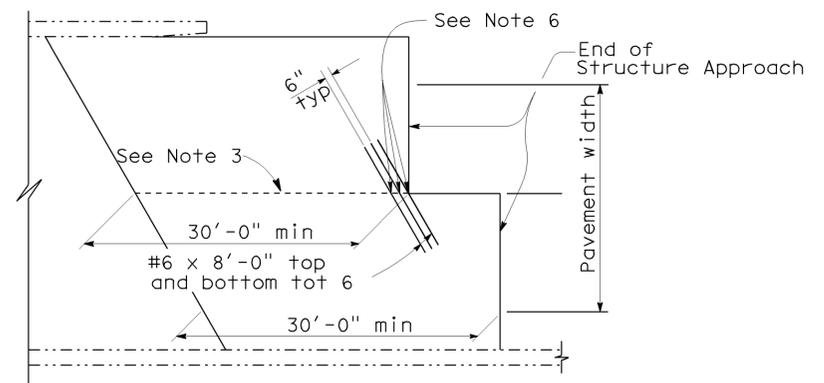
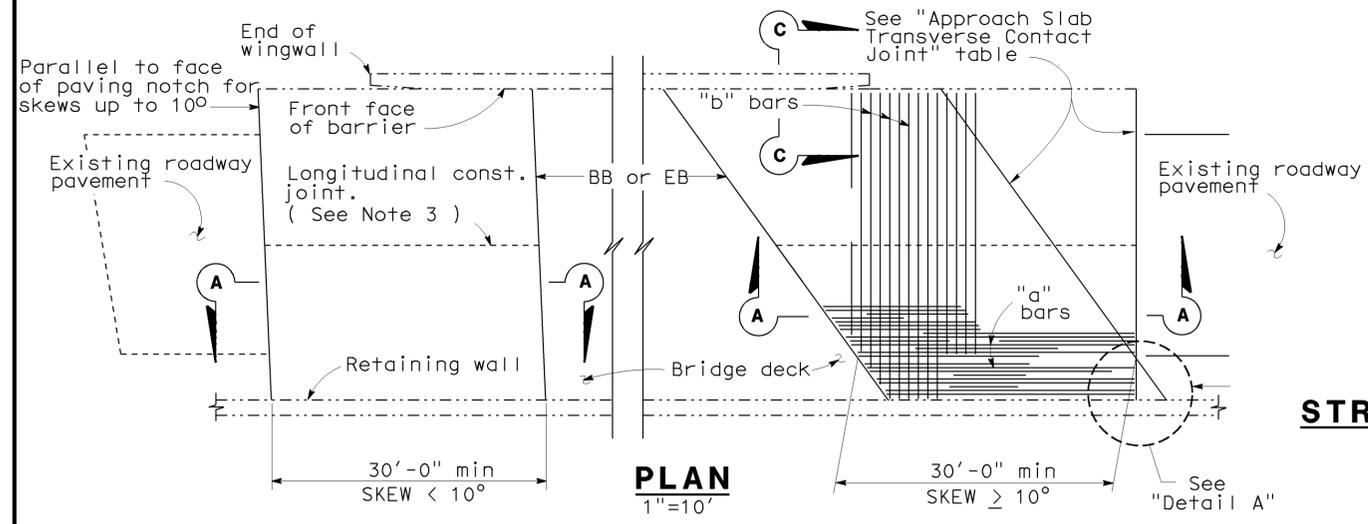


PIPE ANCHOR
NO SCALE

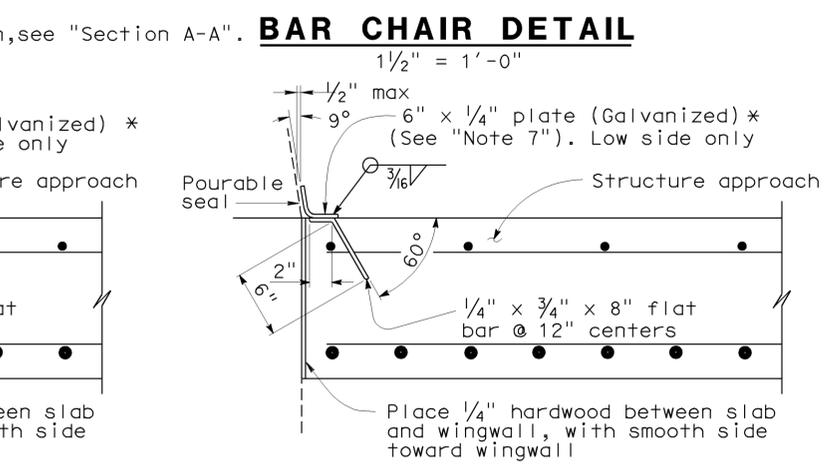
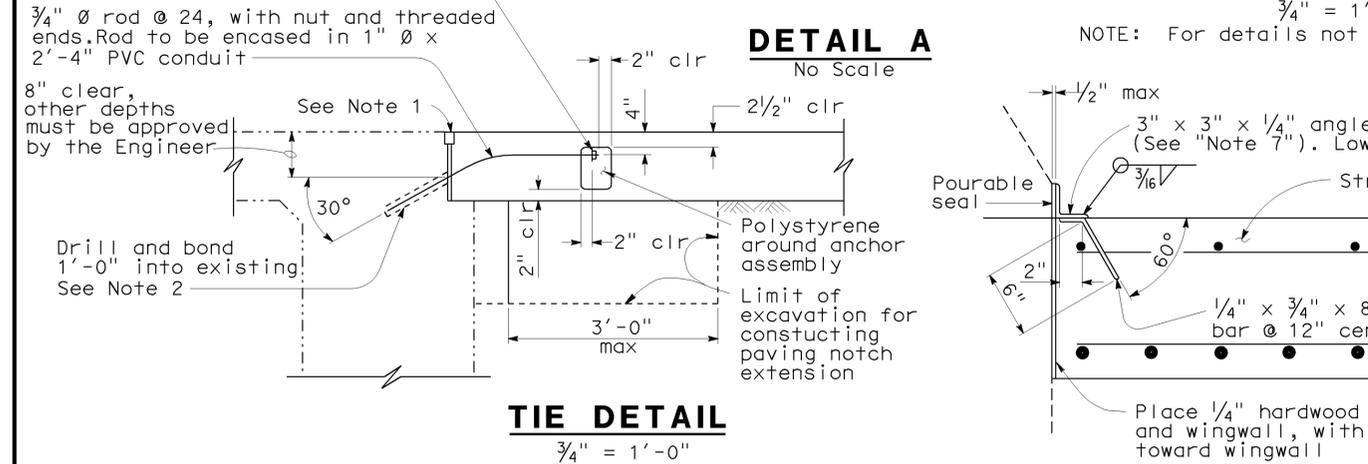
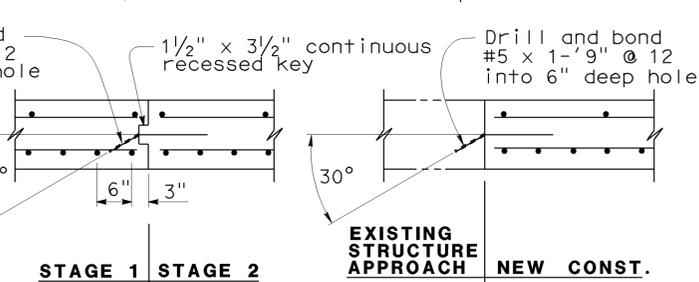
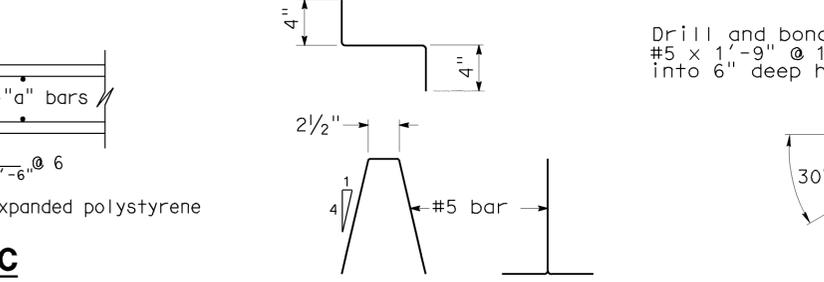
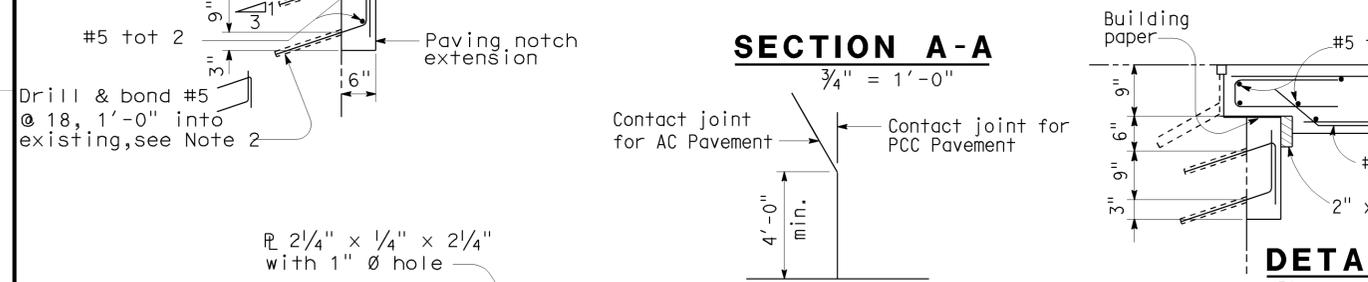
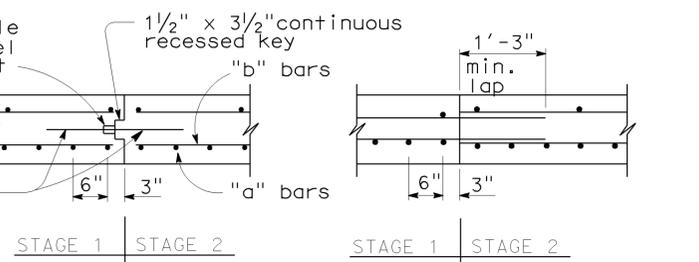
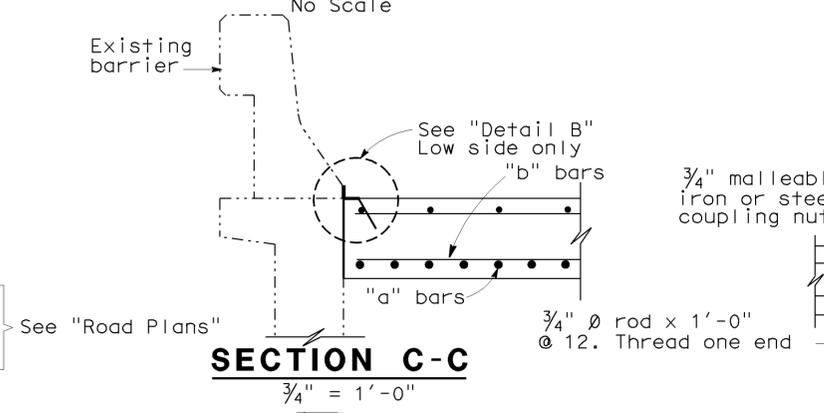
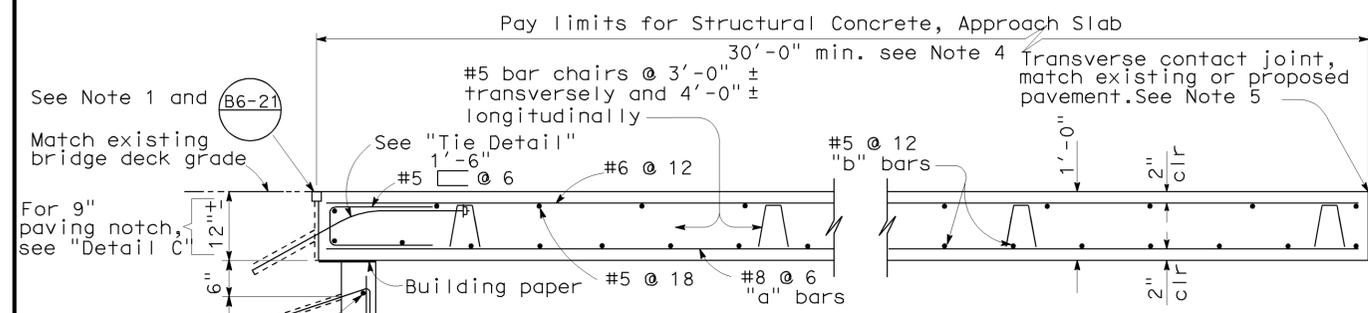
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DESIGN	BY Vinh Dang	CHECKED Hong Tien Tran	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	BRIDGE NO.	Various	ROUTE 23, 33, 34, 118, 126, 150 BRIDGES	
DETAILS	BY Clayton Tom	CHECKED Vinh Dang		STRUCTURE MAINTENANCE DESIGN	POST MILE		Varies
QUANTITIES	BY Vinh Dang	CHECKED Hong Tien Tran					
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS			UNIT: 07608 PROJECT NUMBER & PHASE: 0700001898 1	CONTRACT NO.: 4Y7701	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES: 05-06-11, 05-26-11, 07-11-11	
STRUCTURES MAINTENANCE DETAIL SHEET (ENGLISH) (REV. 09-01-10)						SHEET 15 OF 16	

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	Ven	23,33,34,118,126,150	Var	34	34
08-19-11 REGISTERED CIVIL ENGINEER DATE					
11-28-11 PLANS APPROVAL DATE					
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APPROACH SLAB TRANSVERSE CONTACT JOINT		
APPROACH SKEW	WITH AC ROADWAY PAVEMENT	WITH PCC ROADWAY PAVEMENT
< 10°	Parallel to face of paving notch	Parallel to face of paving notch
10° - 45°	Parallel to face of P N use (Detail A)	Stagger lines 24' to 36' apart
> 45°	Parallel to face of P N use (Detail A)	Stagger at each lane line



- NOTES:**
- For details not shown or noted, see Structure Plans. Adjust bar reinforcement to clear a sawcut for sealed joint, when required.
 - Space to avoid existing prestress anchorages and main reinforcement.
 - Longitudinal construction joints, when permitted by the Engineer, shall be located on lane lines.
 - Transverse contact joint shall be a minimum of 5'-0" from an existing or constructed weakened plane joint.
 - For transverse contact joint with new PCC paving, refer to Standard Plan P10.
 - Couplers are required for stage construction.
 - End angle or plate at beginning of barrier transition, end of wingwall or end of structure approach as applicable.

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STANDARD DRAWING			
RELEASE DATE 3/14/05	DESIGN BY M. TRAFFALIS	CHECKED E. THORKILDSEN	RELEASED BY
FILE NO. xs3-140e	DETAILS BY R. YEE	CHECKED E. THORKILDSEN	
	SUBMITTED BY M. HA	DRAWING DATE 8/92	OFFICE CHIEF

STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES	BRIDGE NO. Various	ROUTE 23, 33, 34, 118, 126, 150 BRIDGES
		POST MILE Varies	STRUCTURE APPROACH TYPE R(30D)