

INDEX OF PLANS

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

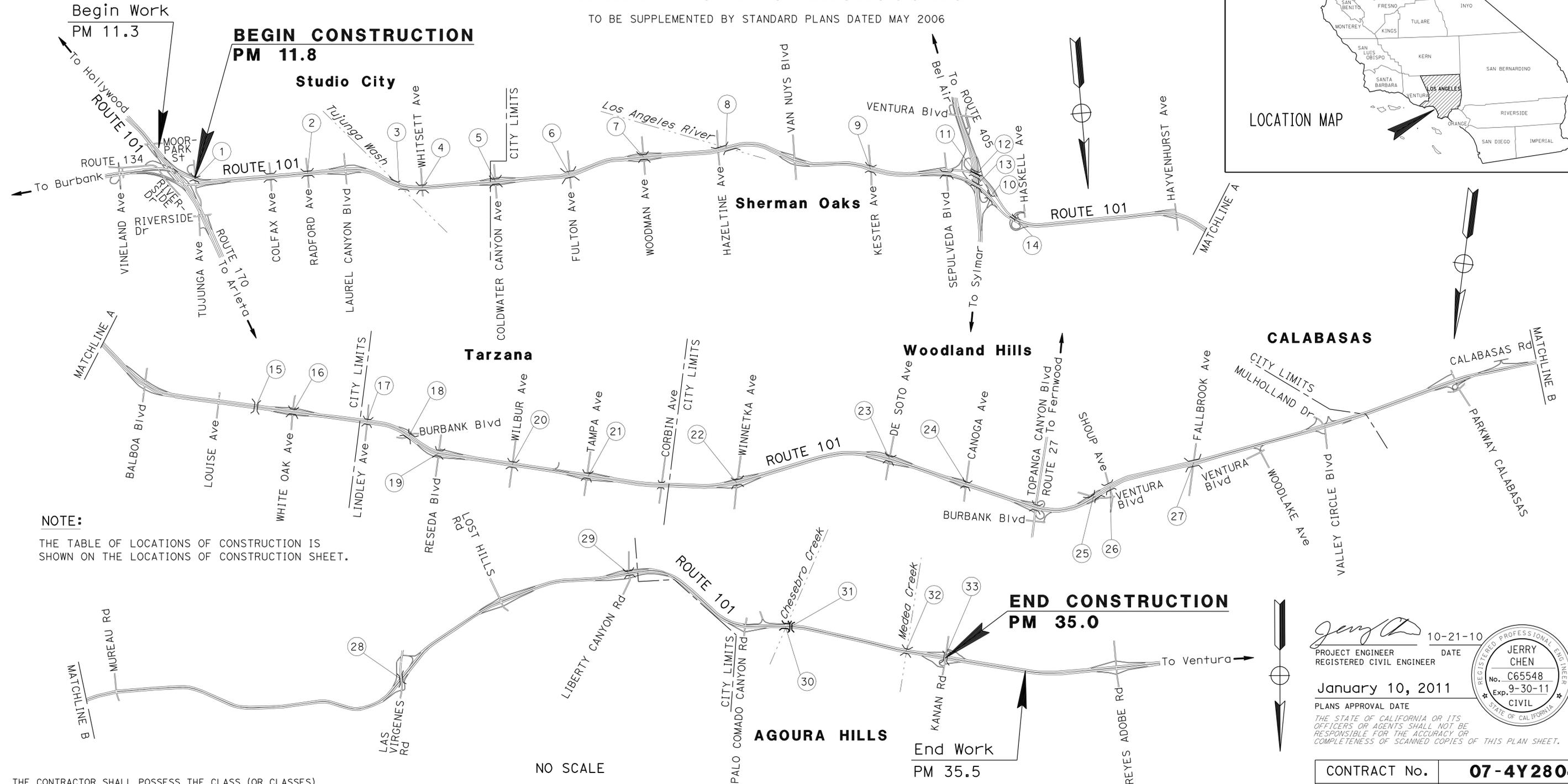
STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
**PROJECT PLANS FOR CONSTRUCTION ON
STATE HIGHWAY
IN LOS ANGELES COUNTY
IN VARIOUS CITIES
FROM TUJUNGA AVENUE UNDERCROSSING TO
KANAN ROAD OVERCROSSING**

TO BE SUPPLEMENTED BY STANDARD PLANS DATED MAY 2006

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	101	11.8/35.0	1	43



Caltrans



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
---	---------------------------------------

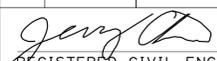
THE CONTRACTOR SHALL POSSESS THE CLASS (OR CLASSES) OF LICENSE AS SPECIFIED IN THE "NOTICE TO BIDDERS."

 10-21-10
 PROJECT ENGINEER DATE
 REGISTERED CIVIL ENGINEER
January 10, 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.

REGISTERED PROFESSIONAL ENGINEER
JERRY CHEN
No. C65548
Exp. 9-30-11
CIVIL
STATE OF CALIFORNIA

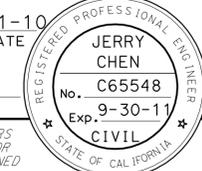
CONTRACT No.	07-4Y2804
PROJECT ID	0700020212

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	101	11.8/35.0	2	43

 10-21-10
 REGISTERED CIVIL ENGINEER DATE

01-10-11
 PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS
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LOCATION OF CONSTRUCTION				
Loc	X	PM	BRIDGE No.	BRIDGE NAME
1		11.83	53-1338L	TUJUNGA AVENUE UNDERCROSSING
2		12.6	53-1311	RADFORD AVENUE UNDERCROSSING
3		13.27	53-1337	TUJUNGA WASH
4		13.39	53-1340	WHITSETT AVENUE UNDERCROSSING
5		13.88	53-1353	COLDWATER CANYON AVENUE UNDERCROSSING
6		14.38	53-1354	FULTON AVENUE UNDERCROSSING
7		14.89	53-1355	WOODMAN AVENUE UNDERCROSSING
8		15.38	53-1371	LOS ANGELES RIVER
9		16.43	53-1375	KESTER AVENUE UNDERCROSSING
10		17.07	53-1145L	N405-N101 CONNECTOR UNDERCROSSING
11		17.14	53-1146F	S101-N405 CONNECTOR OVERCROSSING
12		17.14	53-1146L	ROUTE 101/405 SEPARATION
13		17.14	53-1146R	ROUTE 101/405 SEPARATION
14		17.5	53-1103L	HASKELL AVENUE UNDERCROSSING
15		19.99	53-1289	ENCINO AVENUE PEDESTRIAN OVERCROSSING
16		20.23	53-1054	WHITE OAK AVENUE UNDERCROSSING
17		20.73	53-1055	LINDLEY AVENUE UNDERCROSSING
18		21.02	53-1056	BURBANK BOULEVARD UNDERCROSSING
19		21.25	53-1057	RESEDA BOULEVARD UNDERCROSSING
20		21.76	53-1058	WILBUR AVENUE UNDERCROSSING
21		22.25	53-1059	TAMPA AVENUE UNDERCROSSING
22		23.26	53-1061	WINNETKA AVENUE UNDERCROSSING
23		24.31	53-1062	DE SOTO AVENUE UNDERCROSSING
24		24.85	53-1063	CANOGA AVENUE UNDERCROSSING
25		25.76	53-1065	VENTURA BOULEVARD UNDERCROSSING
26		25.88	53-1095	SHOUP AVENUE UNDERCROSSING
27		26.45	53-1066	FALLBROOK AVENUE UNDERCROSSING
28		31.05	53-1442	LAS VIRGENES CANYON ROAD OVERCROSSING
29		32.78	53-1731	LIBERTY CANYON ROAD UNDERCROSSING
30		33.91	53-0755	CHESEBRO CREEK
31		33.99	53-0998	LEWIS ROAD PEDESTRIAN OVERCROSSING
32		34.82	53-0002	MEDEA CREEK
33		35.04	53-0945	KANAN ROAD OVERCROSSING

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans MAINTENANCE ENGINEERING
 FUNCTIONAL SUPERVISOR: PAUL J CRISPI
 CALCULATED/DESIGNED BY: JERRY CHEN
 CHECKED BY: PAUL J CRISPI
 REVISED BY: JERRY CHEN
 DATE REVISED:

LOCATION OF CONSTRUCTION
 NO SCALE
LC-1

LAST REVISION DATE PLOTTED => 03-JAN-2011
 01-10-11 TIME PLOTTED => 12:15

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	101	11.8/35.0	3	43

10-21-10
 REGISTERED CIVIL ENGINEER DATE
 01-10-11
 PLANS APPROVAL DATE

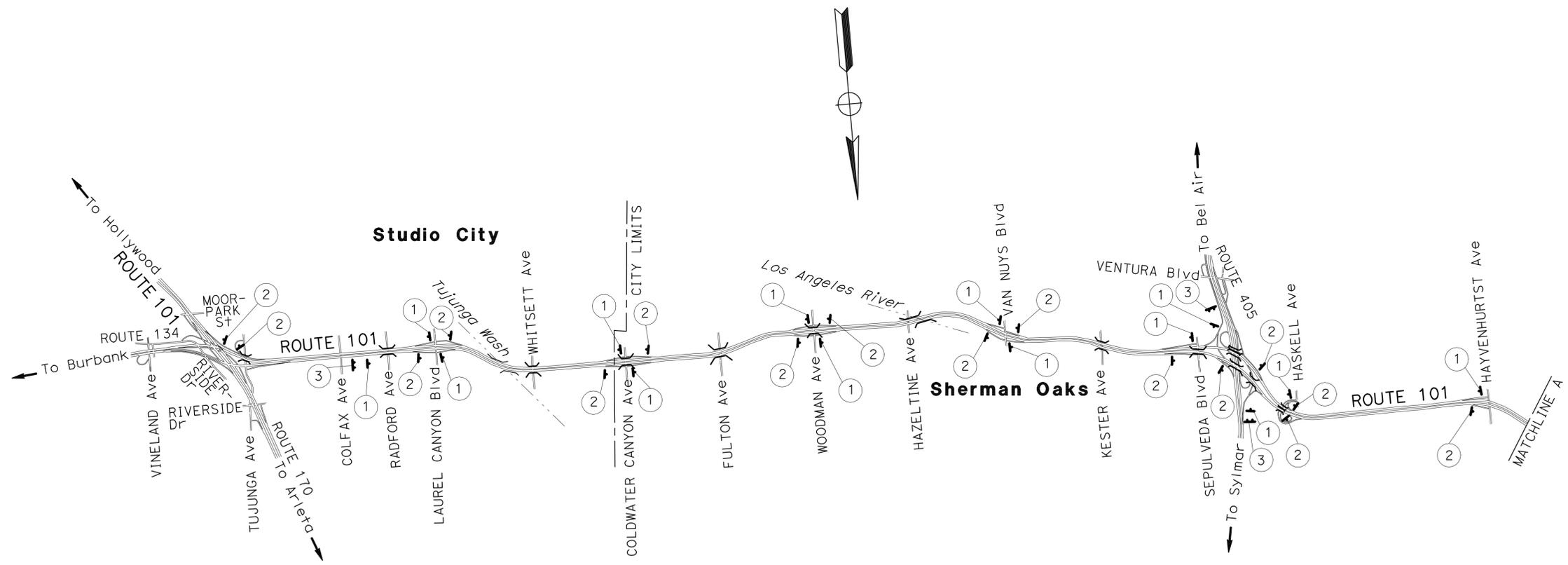
REGISTERED PROFESSIONAL ENGINEER
 JERRY CHEN
 No. C65548
 Exp. 9-30-11
 CIVIL
 STATE OF CALIFORNIA

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.

NOTES:

1. LOCATIONS OF CONSTRUCTION AREA SIGNS SHOWN ARE APPROXIMATE. EXACT LOCATIONS WILL BE DETERMINED BY THE ENGINEER.
2. "TRAFFIC FINES DOUBLED IN CONSTRUCTION ZONES" SIGNS SHALL BE PLACED APPROXIMATELY 500 FEET IN ADVANCE OF "ROAD WORK AHEAD" SIGNS OR AS DETERMINED BY THE ENGINEER.
3. EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.

STATIONARY MOUNTED CONSTRUCTION AREA SIGNS					
SIGN NUMBER	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"	50
②	G20-2	END ROAD WORK	48" x 24"	1 - 4" x 6"	49
③	C40(CA)	TRAFFIC FINES DOUBLED IN CONSTRUCTION ZONES	144" x 60"	2 - 6" x 8"	7
TOTAL					106



CONSTRUCTION AREA SIGNS
NO SCALE

CS-1

THIS PLAN ACCURATE FOR CONSTRUCTION AREA SIGN WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans MAINTENANCE ENGINEERING
 FUNCTIONAL SUPERVISOR: PAUL J CRISPI
 CHECKED BY: PAUL J CRISPI
 JERRY CHEN
 PAUL J CRISPI
 REVISOR: JERRY CHEN
 DATE: 10-21-10
 REVISION: 01-10-11

USERNAME => s122436
 DGN FILE => 07000202121a001.dgn



UNIT 1965

PROJECT NUMBER & PHASE

07000202121

BORDER LAST REVISED 7/2/2010

LAST REVISION: 01-10-11
 DATE PLOTTED => 03-JAN-2011
 TIME PLOTTED => 12:15

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	101	11.8/35.0	4	43

<i>Jerry Chen</i>	10-21-10
REGISTERED CIVIL ENGINEER	DATE
01-10-11	
PLANS APPROVAL DATE	

REGISTERED PROFESSIONAL ENGINEER
JERRY CHEN
No. C65548
Exp. 9-30-11
CIVIL
STATE OF CALIFORNIA

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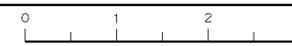
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	FUNCTIONAL SUPERVISOR	CALCULATED/DESIGNED BY	JERRY CHEN	REVISOR BY	
Caltrans MAINTENANCE ENGINEERING	PAUL J CRISPI	CHECKED BY	PAUL J CRISPI	DATE REVISED	



CONSTRUCTION AREA SIGNS
NO SCALE

CS-2

THIS PLAN ACCURATE FOR CONSTRUCTION AREA SIGN WORK ONLY.



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans MAINTENANCE ENGINEERING

FUNCTIONAL SUPERVISOR
 PAUL J CRISPI

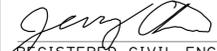
CALCULATED/DESIGNED BY
 CHECKED BY

JERRY CHEN
 PAUL J CRISPI

REVISED BY
 DATE REVISED

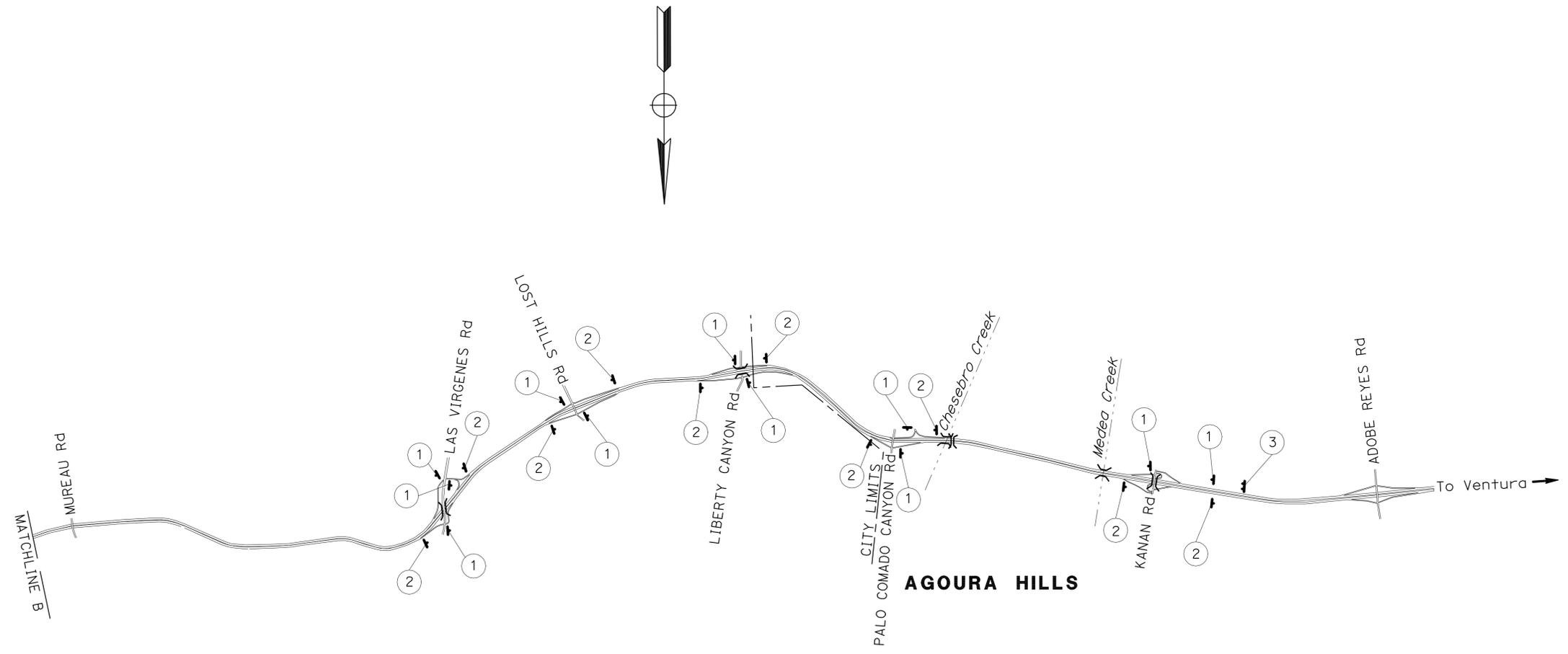
REVISIONS

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	101	11.8/35.0	5	43

 10-21-10
 REGISTERED CIVIL ENGINEER DATE
 01-10-11
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
 JERRY CHEN
 No. C65548
 Exp. 9-30-11
 CIVIL
 STATE OF CALIFORNIA

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CONSTRUCTION AREA SIGNS
 NO SCALE

CS-3

THIS PLAN ACCURATE FOR CONSTRUCTION AREA SIGN WORK ONLY

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	101	11.8/35.0	6	43

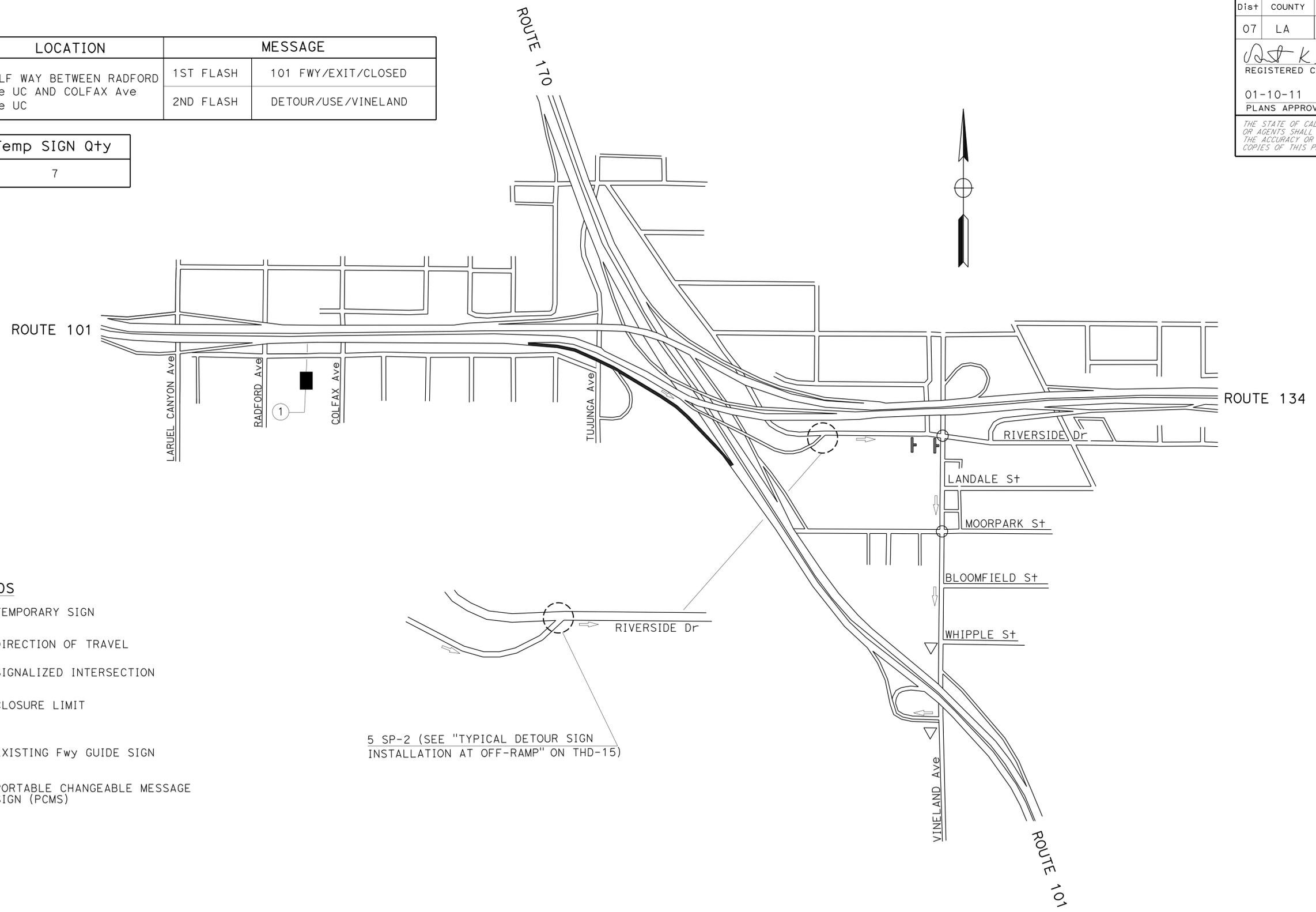
12-7-10
 REGISTERED CIVIL ENGINEER DATE
 01-10-11
 PLANS APPROVAL DATE

ALBERT K. YU
 No. 43220
 Exp. 3/31/12
 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.

PCMS	LOCATION	MESSAGE	
1	HALF WAY BETWEEN RADFORD Ave UC AND COLFAX Ave UC	1ST FLASH	101 FWY/EXIT/CLOSED
		2ND FLASH	DETOUR/USE/VINELAND

Temp SIGN Qty	
SP-2	7



LEGENDS

- TEMPORARY SIGN
- DIRECTION OF TRAVEL
- SIGNALIZED INTERSECTION
- CLOSURE LIMIT
- EXISTING Fwy GUIDE SIGN
- PORTABLE CHANGEABLE MESSAGE SIGN (PCMS)

NOTES:

1. SIGN LOCATIONS ARE APPROXIMATE. EXACT LOCATIONS WILL BE DETERMINED BY THE ENGINEER.
2. SEE THD-12 FOR SIGN SP-2 DETAILS.
3. PORTABLE CHANGEABLE MESSAGE SIGN SHALL BE PLACED ON THE RIGHT SHOULDER.
4. TEMPORARY SIGNS SHALL BE REMOVED AT THE END OF EACH CLOSURE.

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 DTM
 FUNCTIONAL SUPERVISOR: JOHN YANG
 DESIGNED BY: JAY NASSER
 CHECKED BY: ALBERT YU
 REVISIONS: (None listed)

TRAFFIC HANDLING DETAILS
CONNECTOR DETOUR PLAN
FOR WORK SHIFT CLOSURES
SB Rte 101 TO SB Rte 101
 NO SCALE

THD-1

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	101	11.8/35.0	7	43

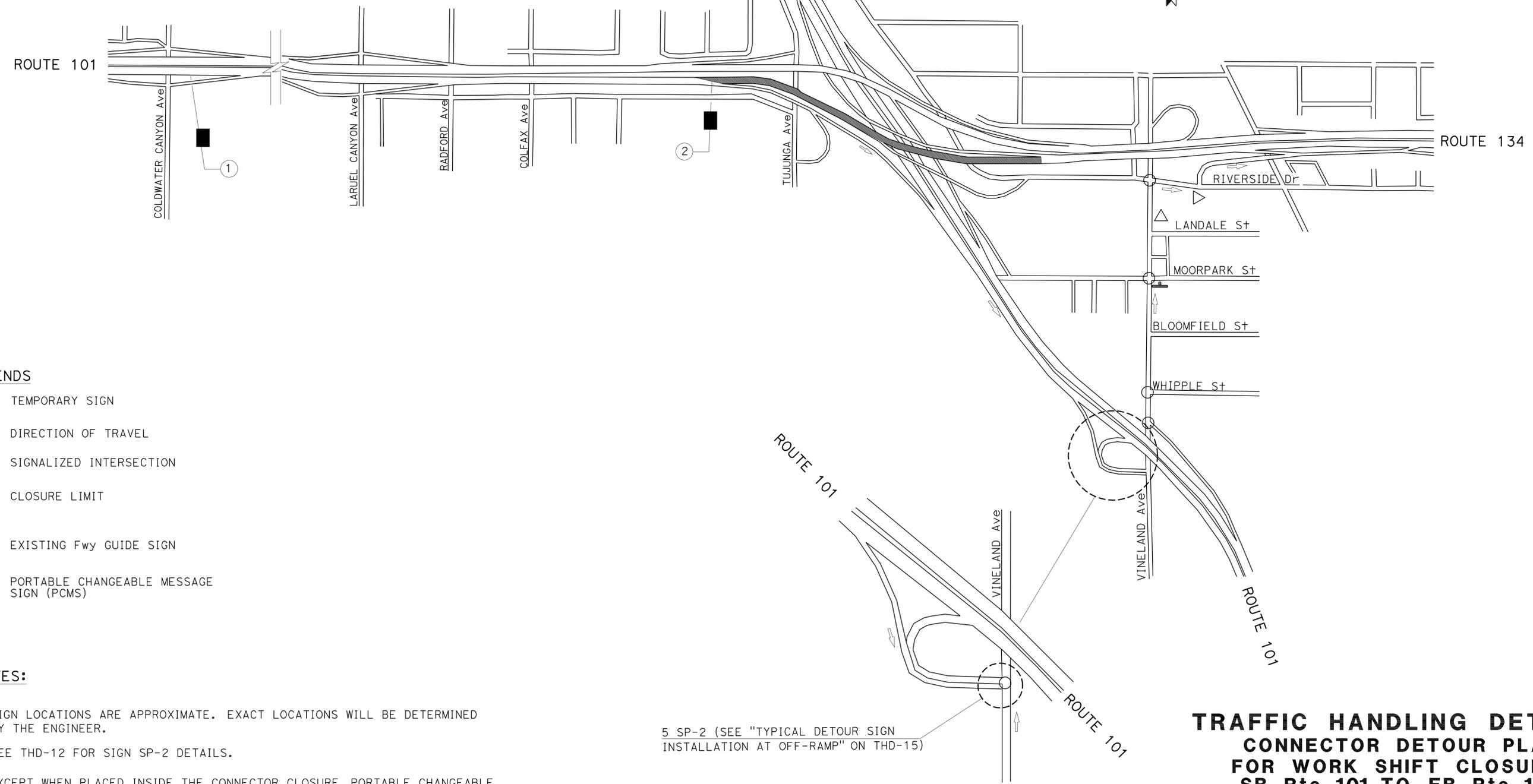
12-7-10
 REGISTERED CIVIL ENGINEER DATE
 01-10-11
 PLANS APPROVAL DATE

ALBERT K. YU
 No. 43220
 Exp. 3/31/12
 CIVIL

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PCMS	LOCATION	MESSAGE	
1	BY GORE COLDWATER CANYON ON-RAMP	134 FWY/EXIT/CLOSED	
2	INSIDE THE CONNECTOR CLOSURE	1ST FLASH	134 FWY/EXIT/CLOSED
		2ND FLASH	DETOUR/S101 TO/VINELAND

	Temp SIGN Qty
SP-2	6



LEGENDS

- TEMPORARY SIGN
- DIRECTION OF TRAVEL
- SIGNALIZED INTERSECTION
- CLOSURE LIMIT
- EXISTING Fwy GUIDE SIGN
- PORTABLE CHANGEABLE MESSAGE SIGN (PCMS)

NOTES:

1. SIGN LOCATIONS ARE APPROXIMATE. EXACT LOCATIONS WILL BE DETERMINED BY THE ENGINEER.
2. SEE THD-12 FOR SIGN SP-2 DETAILS.
3. EXCEPT WHEN PLACED INSIDE THE CONNECTOR CLOSURE, PORTABLE CHANGEABLE MESSAGE SIGN SHALL BE PLACED ON THE RIGHT SHOULDER.
4. TEMPORARY SIGNS SHALL BE REMOVED AT THE END OF EACH CLOSURE.

5 SP-2 (SEE "TYPICAL DETOUR SIGN INSTALLATION AT OFF-RAMP" ON THD-15)

**TRAFFIC HANDLING DETAILS
CONNECTOR DETOUR PLAN
FOR WORK SHIFT CLOSURES
SB Rte 101 TO EB Rte 134**

NO SCALE

THD-2

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 Jay Nasser
 Albert Yu
 John Yang
 DTM

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	101	11.8/35.0	8	43

01-10-11
 PLANS APPROVAL DATE

12-7-10
 DATE

REGISTERED CIVIL ENGINEER

ALBERT K. YU
 No. 43220
 Exp. 3/31/12
 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.

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 DTM

FUNCTIONAL SUPERVISOR
 JOHN YANG

CALCULATED/DESIGNED BY
 CHECKED BY

JAY NASSER
 ALBERT YU

REVISED BY
 DATE REVISED

PCMS	LOCATION	MESSAGE	
1	RIGHT SHOULDER OF SB ROUTE 405 OPPOSE TO POST MILE MARKER 18.2	1ST FLASH	NB 405/EXIT/CLOSED
		2ND FLASH	DETOUR/S 405 TO/VENTURA
2	INSIDE THE CONNECTOR CLOSURE	1ST FLASH	NB 405/DETOUR
		2ND FLASH	USE/VENTURA/BLVD

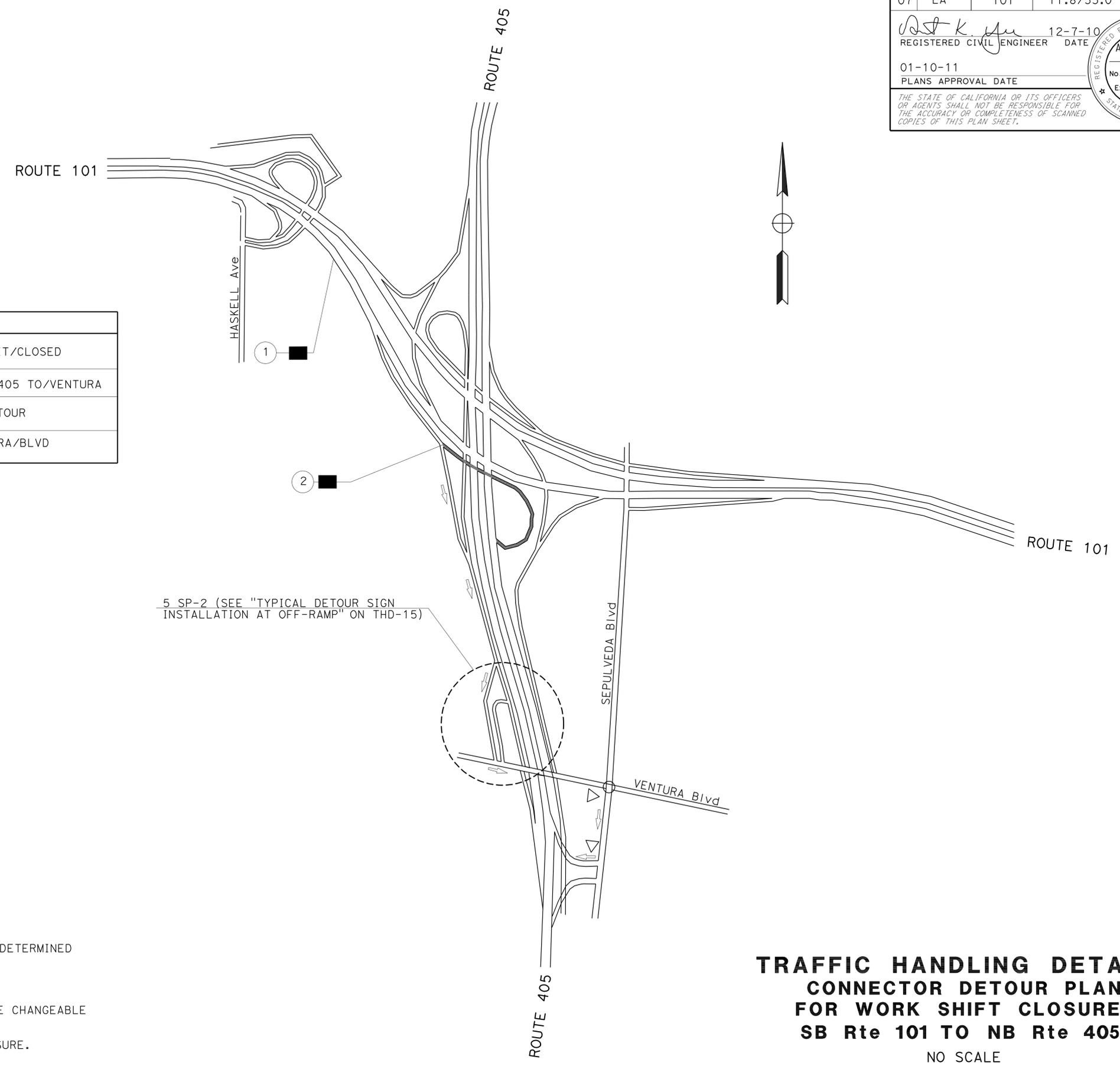
	Temp SIGN Qty
SP-2	5

LEGENDS

- DIRECTION OF TRAVEL
- SIGNALIZED INTERSECTION
- CLOSURE LIMIT
- EXISTING Fwy GUIDE SIGN
- PORTABLE CHANGEABLE MESSAGE SIGN (PCMS)

NOTES:

1. SIGN LOCATIONS ARE APPROXIMATE. EXACT LOCATIONS WILL BE DETERMINED BY THE ENGINEER.
2. SEE THD-12 FOR SIGN SP-2 DETAILS.
3. EXCEPT WHEN PLACED INSIDE THE CONNECTOR CLOSURE, PORTABLE CHANGEABLE MESSAGE SIGN SHALL BE PLACED ON THE RIGHT SHOULDER.
4. TEMPORARY SIGNS SHALL BE REMOVED AT THE END OF EACH CLOSURE.



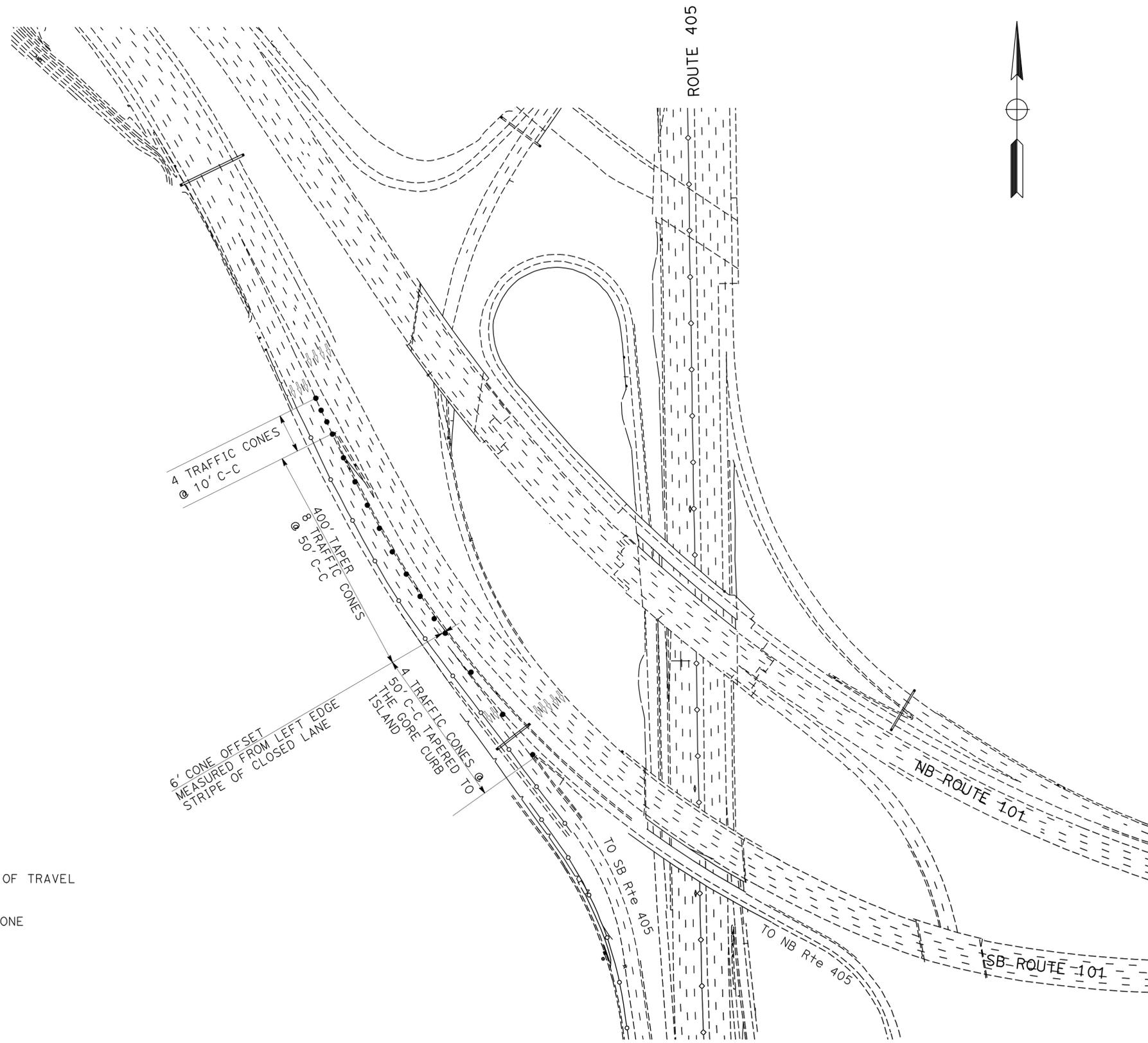
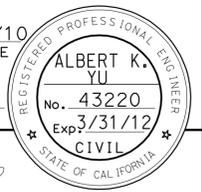
5 SP-2 (SEE "TYPICAL DETOUR SIGN INSTALLATION AT OFF-RAMP" ON THD-15)

TRAFFIC HANDLING DETAILS
CONNECTOR DETOUR PLAN
FOR WORK SHIFT CLOSURES
SB Rte 101 TO NB Rte 405

NO SCALE

THD-3

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	101	11.8/35.0	9	43
			12/7/10	DATE	
REGISTERED CIVIL ENGINEER			ALBERT K. YU		
01-10-11			No. 43220		
PLANS APPROVAL DATE			Exp. 3/31/12		
<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>					



LEGENDS

-  DIRECTION OF TRAVEL
-  TRAFFIC CONE

NOTES:

1. SEE STANDARD PLANS FOR LANE CLOSURE DETAILS NOT SHOWN.

**TRAFFIC HANDLING DETAILS
FOR WORK SHIFT CLOSURES
SB Rte 101 TO NB Rte 405**

NO SCALE

THD-4

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	FUNCTIONAL SUPERVISOR	CALCULATED/DESIGNED BY	REVISOR
Caltrans	JOHN YANG	ALBERT YU	ALBERT YU
		CHECKED BY	DATE REVISED
		JAY NASSER	

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	101	11.8/35.0	10	43

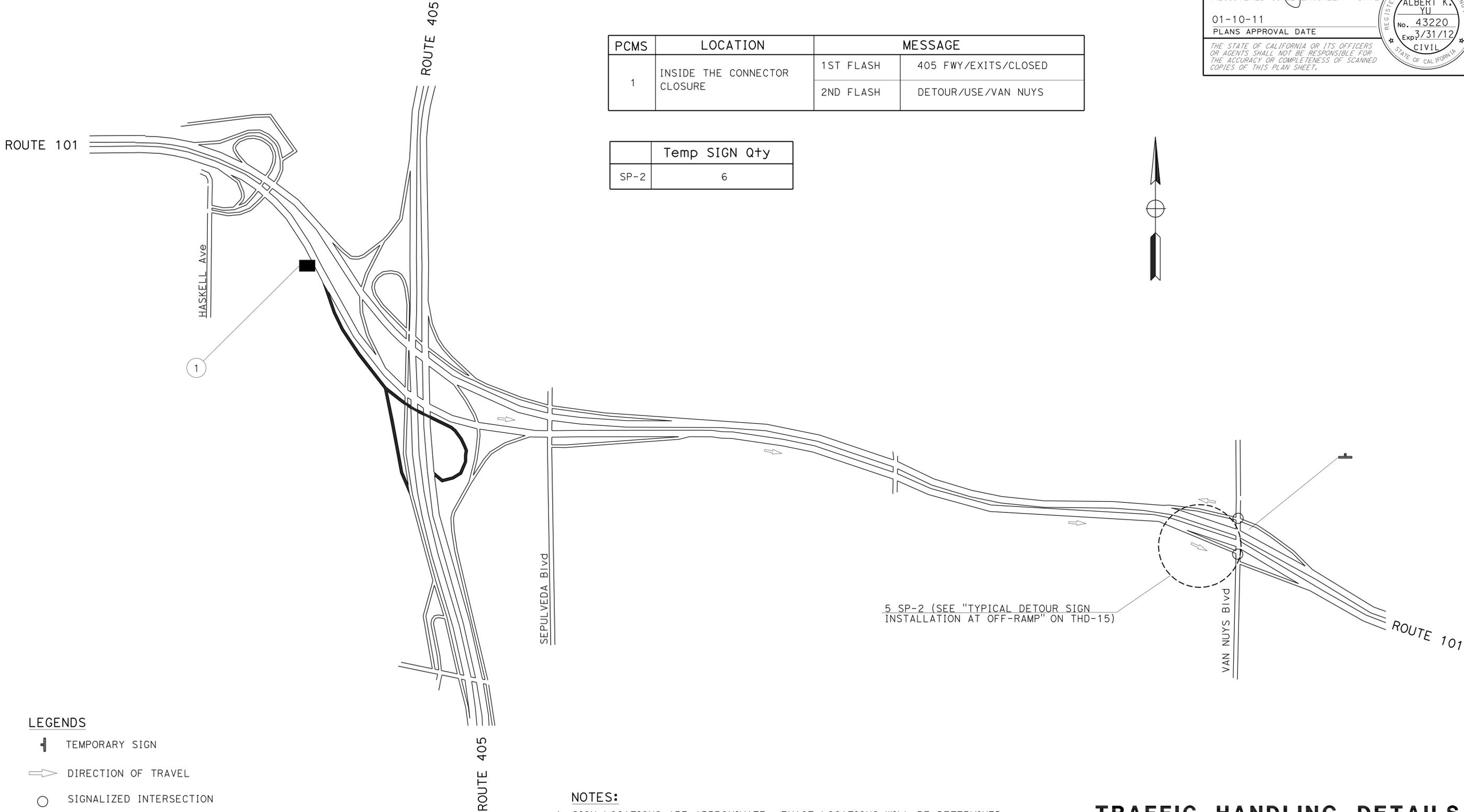
12-7-10
 REGISTERED CIVIL ENGINEER DATE
 01-10-11
 PLANS APPROVAL DATE

ALBERT K. YU
 No. 43220
 Exp. 3/31/12
 CIVIL

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PCMS	LOCATION	MESSAGE	
1	INSIDE THE CONNECTOR CLOSURE	1ST FLASH	405 FWY/EXITS/CLOSED
		2ND FLASH	DETOUR/USE/VAN NUYS

	Temp SIGN Qty
SP-2	6



- LEGENDS**
- TEMPORARY SIGN
 - DIRECTION OF TRAVEL
 - SIGNALIZED INTERSECTION
 - CLOSURE LIMIT
 - PORTABLE CHANGEABLE MESSAGE SIGN (PCMS)

- NOTES:**
- SIGN LOCATIONS ARE APPROXIMATE. EXACT LOCATIONS WILL BE DETERMINED BY THE ENGINEER.
 - SEE THD-12 FOR SIGN SP-2 DETAILS.
 - PORTABLE CHANGEABLE MESSAGE SIGN SHALL BE PLACED ON THE RIGHT SHOULDER.
 - TEMPORARY SIGNS SHALL BE REMOVED AT THE END OF EACH CLOSURE.

TRAFFIC HANDLING DETAILS
CONNECTOR DETOUR PLAN
FOR WORK SHIFT CLOSURES
SB Rte 101 TO Rte 405
 NO SCALE

THD-5

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans DTM
 FUNCTIONAL SUPERVISOR: JOHN YANG
 CALCULATED/DESIGNED BY: [blank]
 CHECKED BY: [blank]
 KIT LIU
 REVISED BY: [blank]
 DATE REVISED: [blank]

LAST REVISION: DATE PLOTTED => 03-JAN-2011
 01-10-11 TIME PLOTTED => 12:18

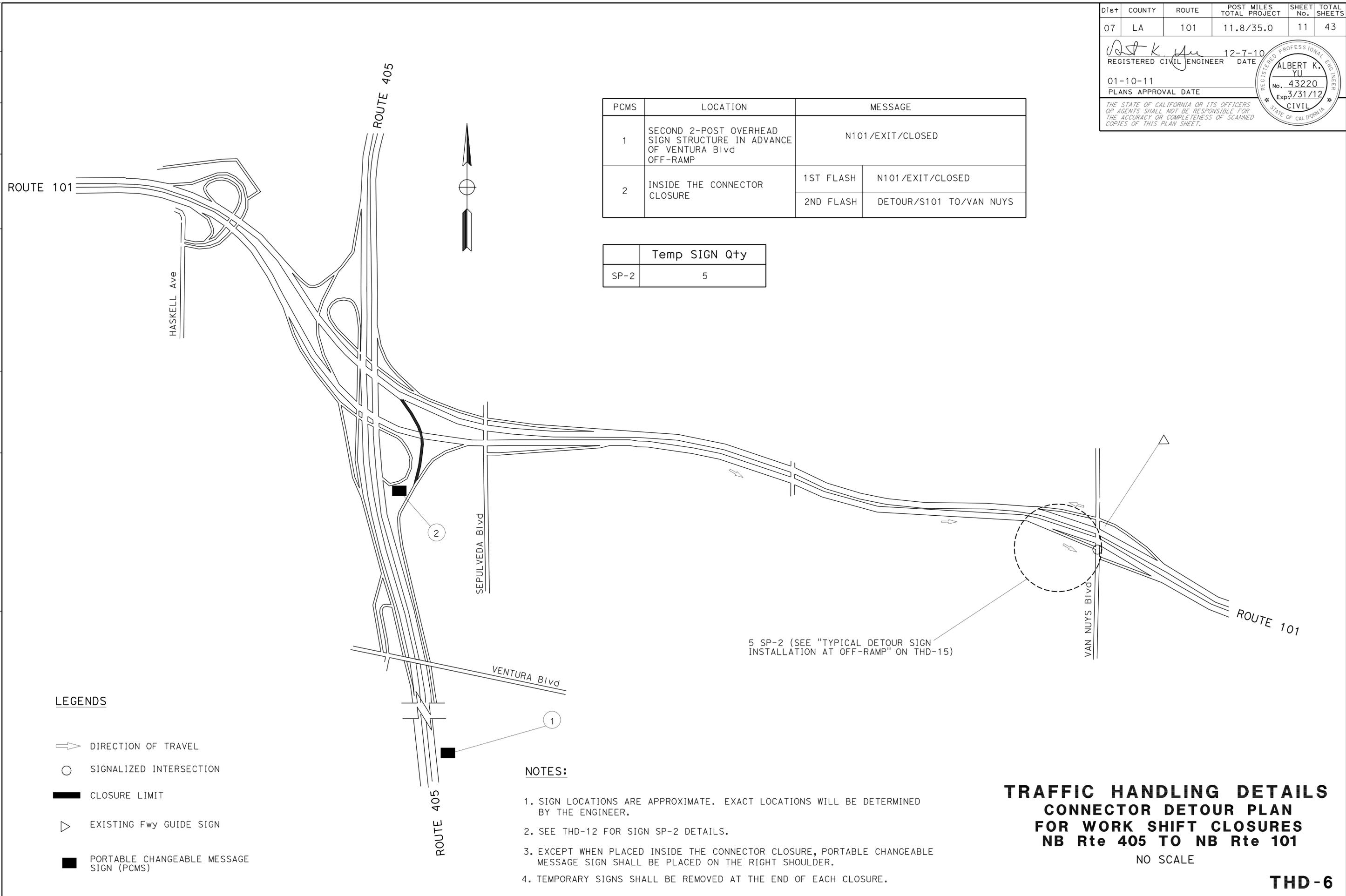
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	101	11.8/35.0	11	43

12-7-10
 REGISTERED CIVIL ENGINEER DATE
 01-10-11
 PLANS APPROVAL DATE

ALBERT K. YU
 No. 43220
 Exp. 3/31/12
 CIVIL

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

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	DTM
FUNCTIONAL SUPERVISOR	JOHN YANG
CALCULATED/DESIGNED BY	CHECKED BY
KIT LIU	ALBERT YU
REVISOR BY	DATE REVISED



PCMS	LOCATION	MESSAGE	
1	SECOND 2-POST OVERHEAD SIGN STRUCTURE IN ADVANCE OF VENTURA Blvd OFF-RAMP	N101/EXIT/CLOSED	
2	INSIDE THE CONNECTOR CLOSURE	1ST FLASH	N101/EXIT/CLOSED
		2ND FLASH	DETOUR/S101 TO/VAN NUYS

	Temp SIGN Qty
SP-2	5

LEGENDS

- DIRECTION OF TRAVEL
- SIGNALIZED INTERSECTION
- CLOSURE LIMIT
- EXISTING Fwy GUIDE SIGN
- PORTABLE CHANGEABLE MESSAGE SIGN (PCMS)

NOTES:

1. SIGN LOCATIONS ARE APPROXIMATE. EXACT LOCATIONS WILL BE DETERMINED BY THE ENGINEER.
2. SEE THD-12 FOR SIGN SP-2 DETAILS.
3. EXCEPT WHEN PLACED INSIDE THE CONNECTOR CLOSURE, PORTABLE CHANGEABLE MESSAGE SIGN SHALL BE PLACED ON THE RIGHT SHOULDER.
4. TEMPORARY SIGNS SHALL BE REMOVED AT THE END OF EACH CLOSURE.

5 SP-2 (SEE "TYPICAL DETOUR SIGN INSTALLATION AT OFF-RAMP" ON THD-15)

**TRAFFIC HANDLING DETAILS
CONNECTOR DETOUR PLAN
FOR WORK SHIFT CLOSURES
NB Rte 405 TO NB Rte 101**

NO SCALE

THD-6

LAST REVISION | DATE PLOTTED => 03-JAN-2011
 01-10-11 | TIME PLOTTED => 12:18

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	101	11.8/35.0	12	43

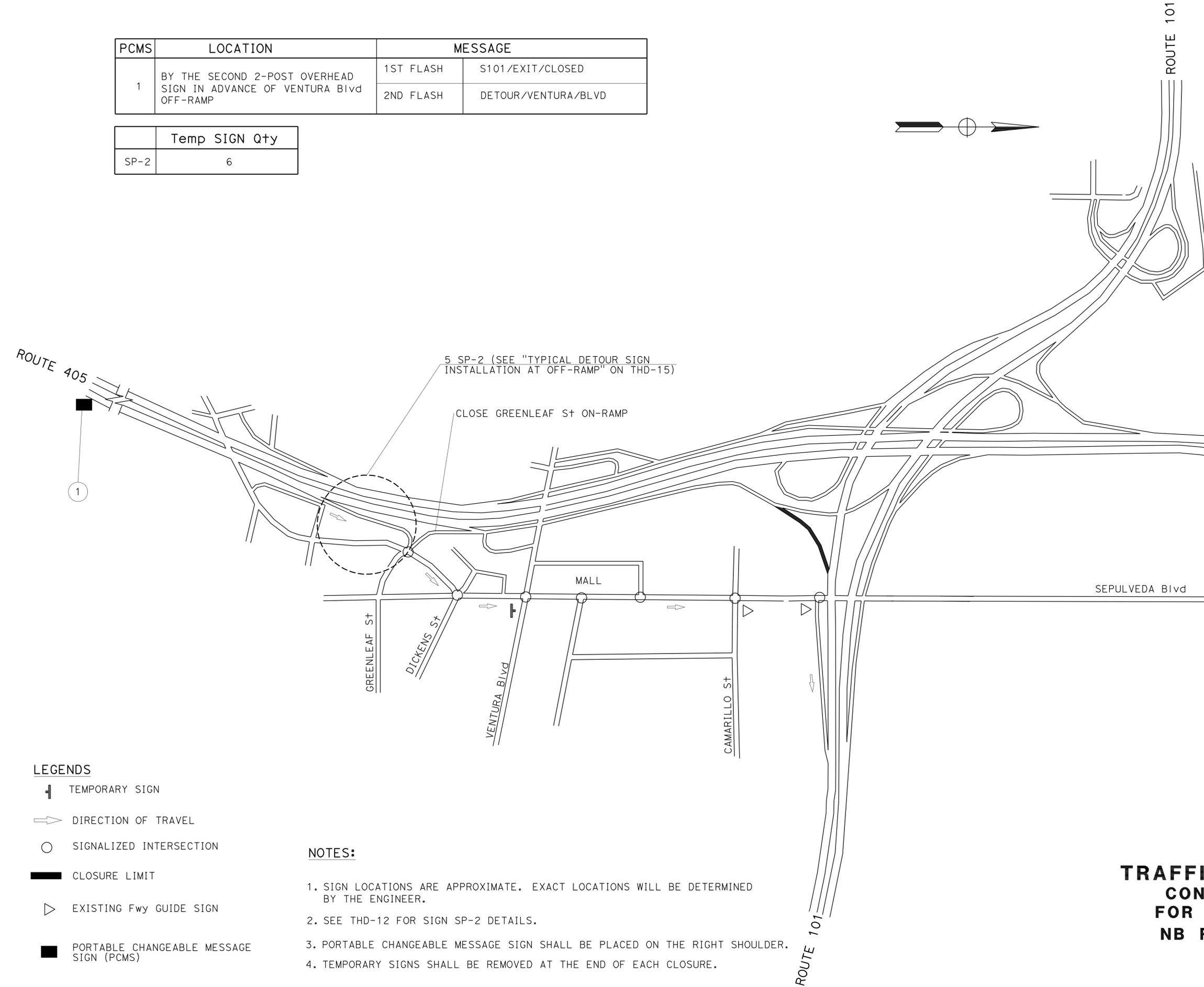
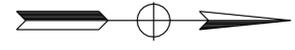
12-7-10
 REGISTERED CIVIL ENGINEER DATE
 01-10-11
 PLANS APPROVAL DATE

ALBERT K. YU
 No. 43220
 Exp. 3/31/12
 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.

PCMS	LOCATION	MESSAGE	
1	BY THE SECOND 2-POST OVERHEAD SIGN IN ADVANCE OF VENTURA Blvd OFF-RAMP	1ST FLASH	S101/EXIT/CLOSED
		2ND FLASH	DETOUR/VENTURA/BLVD

	Temp SIGN Qty
SP-2	6



LEGENDS

- TEMPORARY SIGN
- DIRECTION OF TRAVEL
- SIGNALIZED INTERSECTION
- CLOSURE LIMIT
- EXISTING Fwy GUIDE SIGN
- PORTABLE CHANGEABLE MESSAGE SIGN (PCMS)

NOTES:

1. SIGN LOCATIONS ARE APPROXIMATE. EXACT LOCATIONS WILL BE DETERMINED BY THE ENGINEER.
2. SEE THD-12 FOR SIGN SP-2 DETAILS.
3. PORTABLE CHANGEABLE MESSAGE SIGN SHALL BE PLACED ON THE RIGHT SHOULDER.
4. TEMPORARY SIGNS SHALL BE REMOVED AT THE END OF EACH CLOSURE.

TRAFFIC HANDLING DETAILS
CONNECTOR DETOUR PLAN
FOR WORK SHIFT CLOSURES
NB Rte 405 TO SB Rte 101
 NO SCALE

THD-7

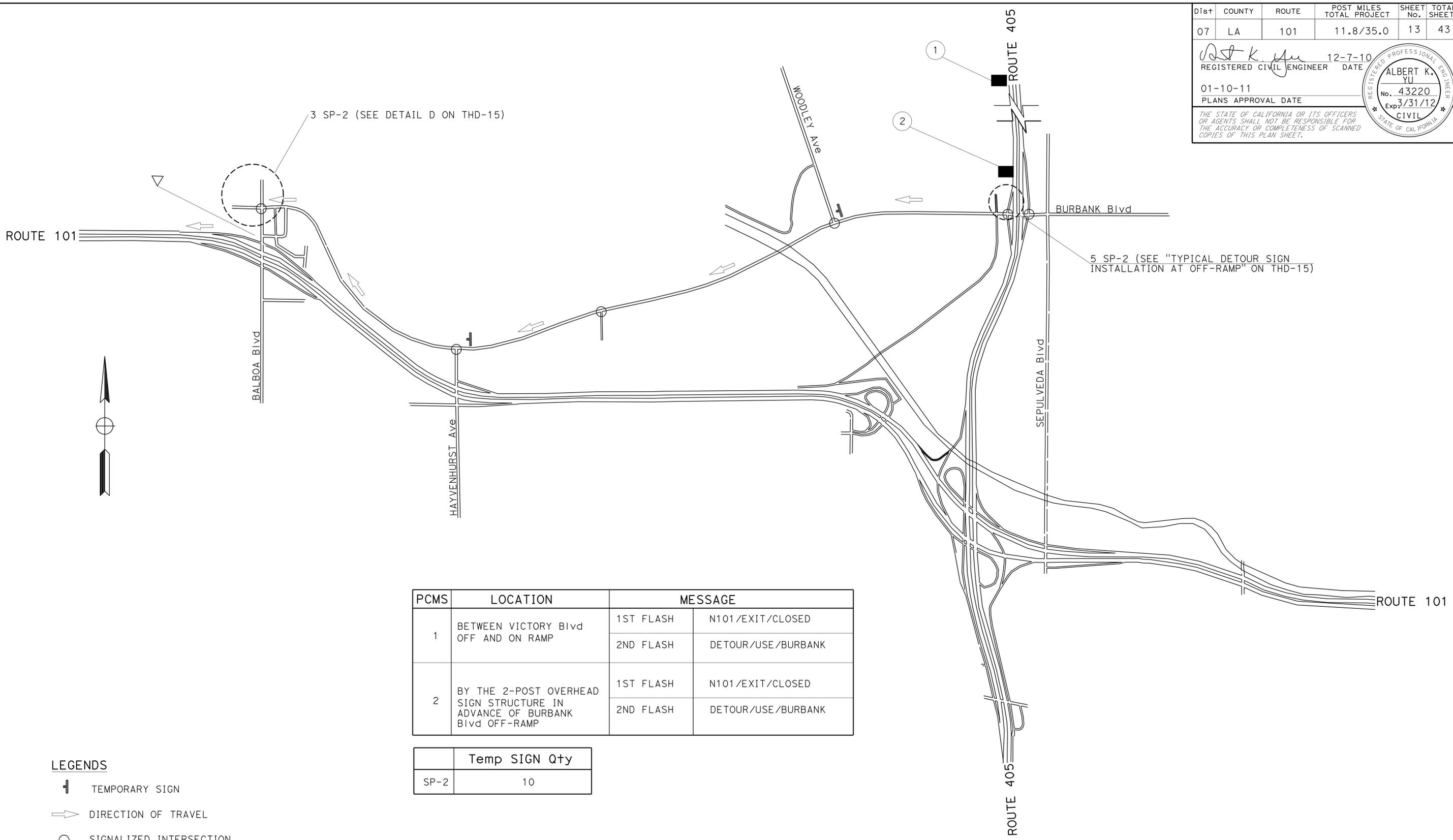
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
DTM
 FUNCTIONAL SUPERVISOR: JOHN YANG
 CALCULATED/DESIGNED BY: [blank]
 CHECKED BY: [blank]
 KIT LIU
 ALBERT YU
 REVISOR: [blank]
 DATE: [blank]
 REVISION: [blank]

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	101	11.8/35.0	13	43

12-7-10
 REGISTERED CIVIL ENGINEER DATE
 01-10-11
 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
 ALBERT K. YU
 No. 43220
 Exp. 3/31/12
 CIVIL
 STATE OF CALIFORNIA



PCMS	LOCATION	MESSAGE	
1	BETWEEN VICTORY Blvd OFF AND ON RAMP	1ST FLASH	N101/EXIT/CLOSED
		2ND FLASH	DETOUR/USE/BURBANK
2	BY THE 2-POST OVERHEAD SIGN STRUCTURE IN ADVANCE OF BURBANK Blvd OFF-RAMP	1ST FLASH	N101/EXIT/CLOSED
		2ND FLASH	DETOUR/USE/BURBANK

	Temp SIGN Qty
SP-2	10

LEGENDS

- TEMPORARY SIGN
- DIRECTION OF TRAVEL
- SIGNALIZED INTERSECTION
- CLOSURE LIMIT
- EXISTING Fwy GUIDE SIGN
- PORTABLE CHANGEABLE MESSAGE SIGN (PCMS)

NOTES:

1. SIGN LOCATIONS ARE APPROXIMATE. EXACT LOCATIONS WILL BE DETERMINED BY THE ENGINEER.
2. SEE THD-12 FOR SIGN SP-2 DETAILS.
3. PORTABLE CHANGEABLE MESSAGE SIGN SHALL BE PLACED ON THE RIGHT SHOULDER.
4. TEMPORARY SIGNS SHALL BE REMOVED AT THE END OF EACH CLOSURE.

**TRAFFIC HANDLING DETAILS
CONNECTOR DETOUR PLAN
FOR WORK SHIFT CLOSURES
SB Rte 405 TO NB Rte 101**

NO SCALE

THD-8

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
DTM

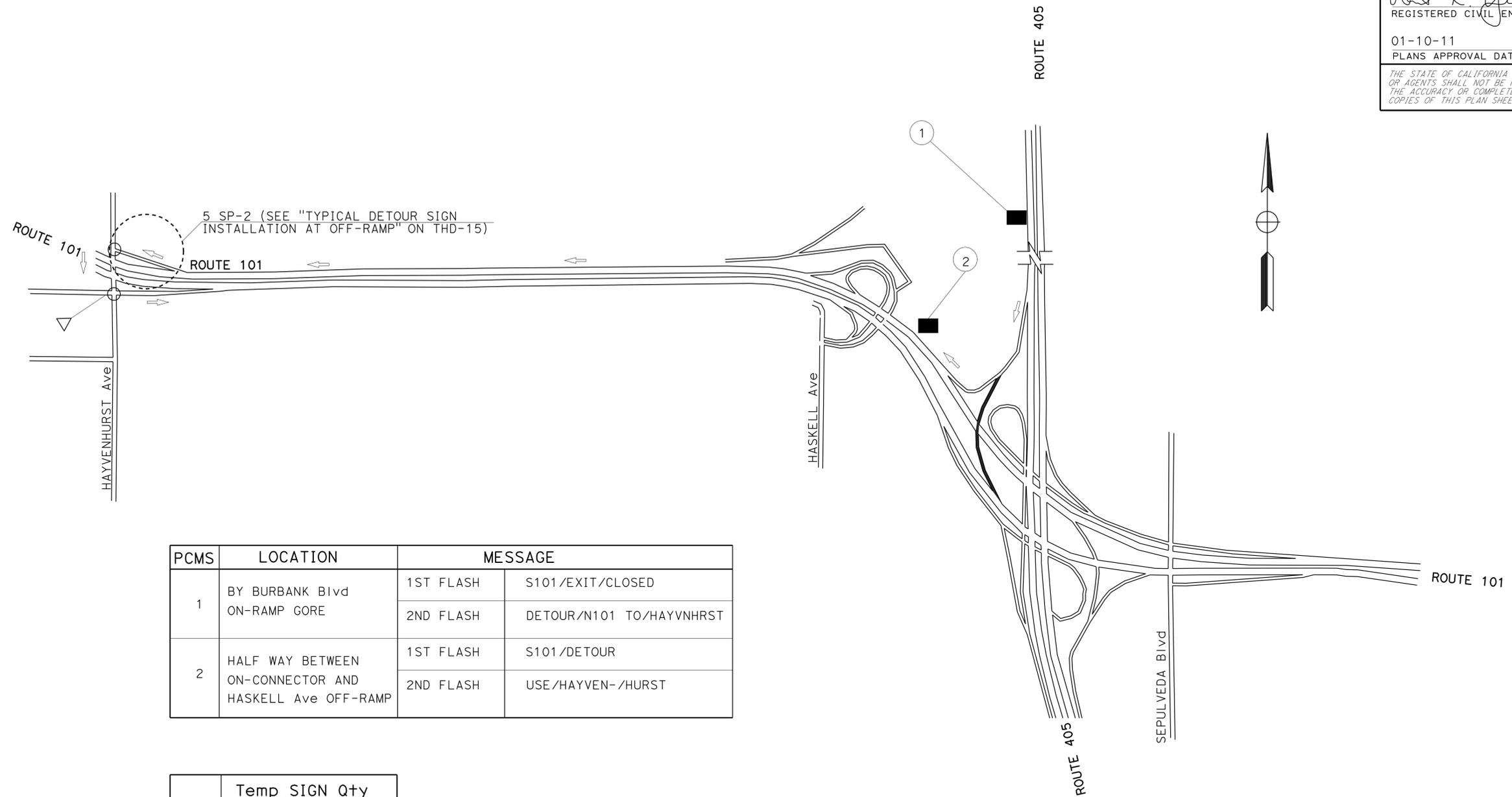
FUNCTIONAL SUPERVISOR	JOHN YANG
CALCULATED/DESIGNED BY	CHECKED BY
KIT LIU	ALBERT YU
REVISED BY	DATE REVISED

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	101	11.8/35.0	14	43

12-7-10
 REGISTERED CIVIL ENGINEER DATE
 01-10-11
 PLANS APPROVAL DATE

ALBERT K. YU
 No. 43220
 Exp. 3/31/12
 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.



PCMS	LOCATION	MESSAGE	
1	BY BURBANK Blvd ON-RAMP GORE	1ST FLASH	S101/EXIT/CLOSED
		2ND FLASH	DETOUR/N101 TO/HAYVNHRST
2	HALF WAY BETWEEN ON-CONNECTOR AND HASKELL Ave OFF-RAMP	1ST FLASH	S101/DETOUR
		2ND FLASH	USE/HAYVEN-/HURST

	Temp SIGN Qty
SP-2	5

- LEGENDS**
- TEMPORARY SIGN
 - DIRECTION OF TRAVEL
 - SIGNALIZED INTERSECTION
 - CLOSURE LIMIT
 - EXISTING Fwy GUIDE SIGN
 - PORTABLE CHANGEABLE MESSAGE SIGN (PCMS)

- NOTES:**
- SIGN LOCATIONS ARE APPROXIMATE. EXACT LOCATIONS WILL BE DETERMINED BY THE ENGINEER.
 - SEE THD-12 FOR SIGN SP-2 DETAILS.
 - PORTABLE CHANGEABLE MESSAGE SIGN SHALL BE PLACED ON THE RIGHT SHOULDER.
 - TEMPORARY SIGNS SHALL BE REMOVED AT THE END OF EACH CLOSURE.

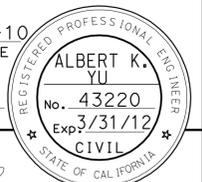
TRAFFIC HANDLING DETAILS
CONNECTOR DETOUR PLAN
FOR WORK SHIFT CLOSURES
SB Rte 405 TO SB Rte 101
 NO SCALE

THD-9

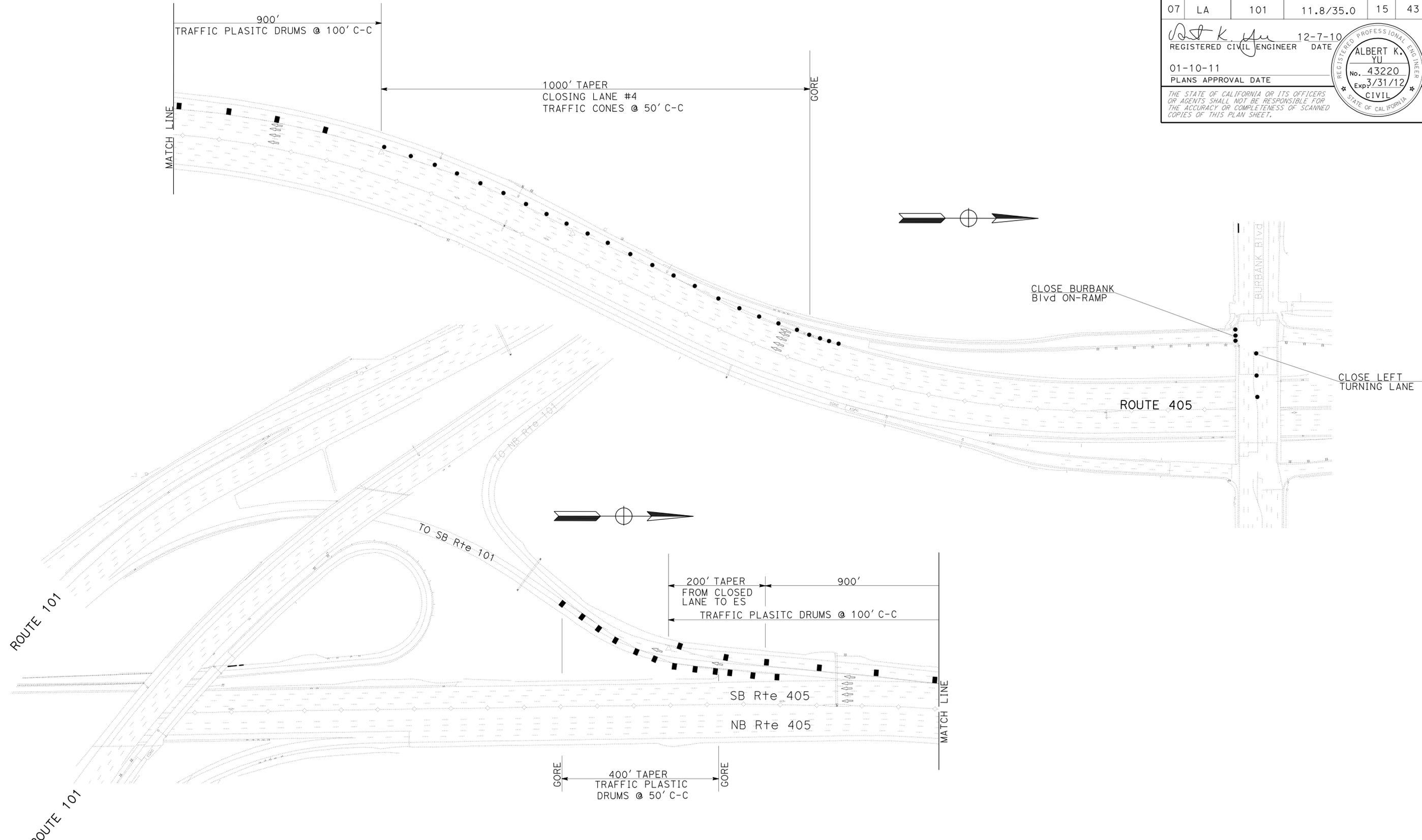
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
DTM
 FUNCTIONAL SUPERVISOR: JOHN YANG
 CALCULATED/DESIGNED BY: KIT LIU
 CHECKED BY: ALBERT YU
 REVISIONS: (None)
 REVISIONS: (None)
 REVISIONS: (None)

LAST REVISION: 01-10-11 DATE PLOTTED => 03-JAN-2011 TIME PLOTTED => 12:19

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	101	11.8/35.0	15	43
			12-7-10	DATE	
REGISTERED CIVIL ENGINEER			ALBERT K. YU		
01-10-11			No. 43220		
PLANS APPROVAL DATE			Exp. 3/31/12		
<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>					



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	DTM
FUNCTIONAL SUPERVISOR	JOHN YANG
CALCULATED/DESIGNED BY	CHECKED BY
ALBERT YU	JAY NASSER
REVISOR BY	DATE



- LEGENDS**
-  DIRECTION OF TRAVEL
 -  TRAFFIC PLASTIC DRUM
 -  TRAFFIC CONE

NOTES:
 1. SEE STANDARD PLANS FOR LANE CLOSURE DETAILS NOT SHOWN.

**TRAFFIC HANDLING DETAILS
 FOR WORK SHIFT CLOSURES
 SB Rte 405 TO SB Rte 101
 NO SCALE**

THD-10

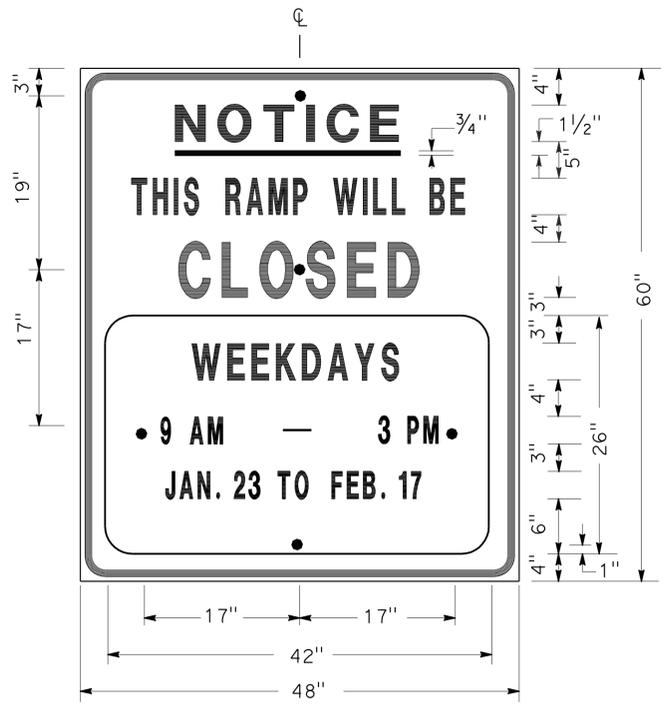
LAST REVISION: DATE PLOTTED => 03-JAN-2011
 01-10-11 TIME PLOTTED => 12:19

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	101	11.8/35.0	16	43

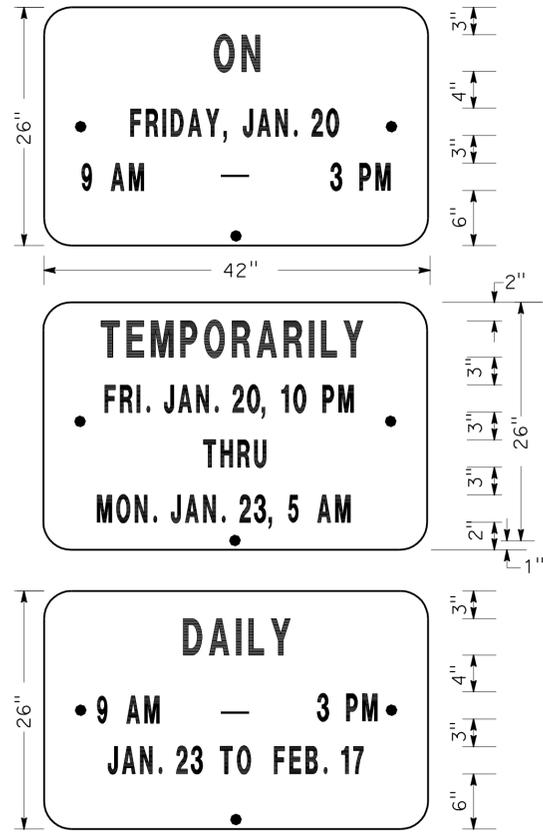
REGISTERED CIVIL ENGINEER DATE 12-7-10
 ALBERT K. YU
 No. 43220
 Exp. 3/31/12
 CIVIL
 STATE OF CALIFORNIA

01-10-11
 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.



SIGN SP-1



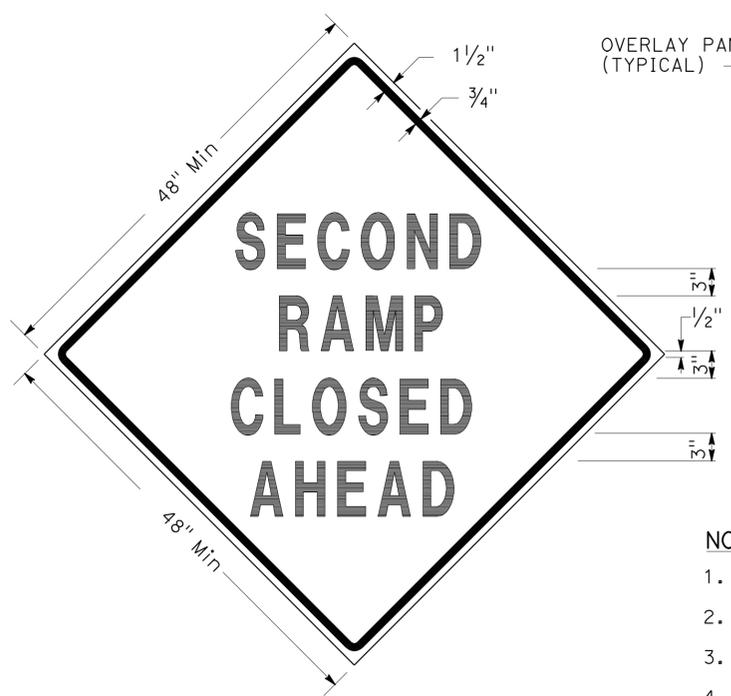
ALTERNATE OVERLAY PANELS (TYPICAL)

- 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.

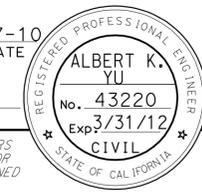
SPECIAL SIGN FOR ENTRANCE RAMP CLOSURES

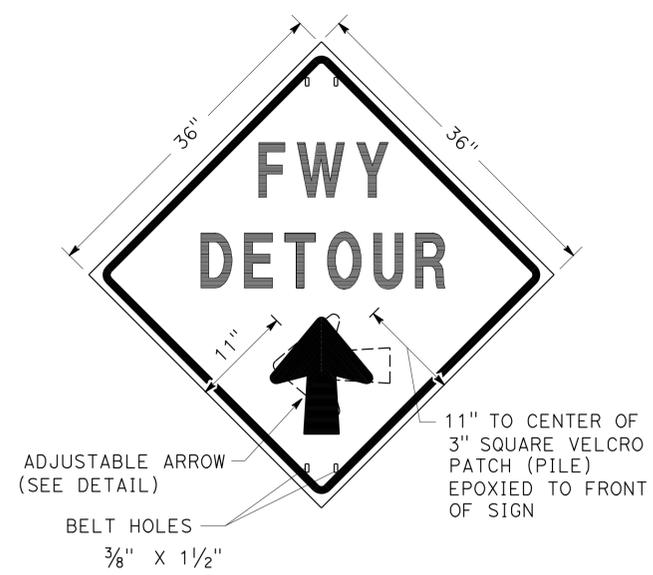
**TRAFFIC HANDLING DETAILS
 TRAFFIC CONTROL SYSTEM
 FOR RAMP CLOSURES, DETOUR SIGNS
 AND MISCELLANEOUS DETAILS**

SHEET 1 OF 2

NO SCALE

THD-11

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	101	11.8/35.0	17	43
 REGISTERED CIVIL ENGINEER DATE 12-7-10					
01-10-11 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>					



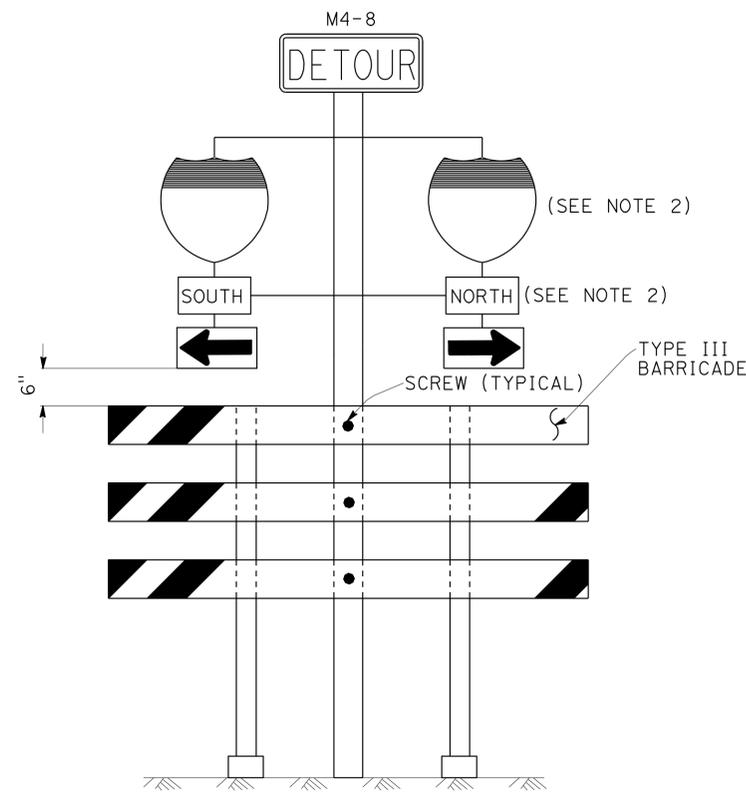
SIGN SP-2

NOTES: (SIGN SP-2)

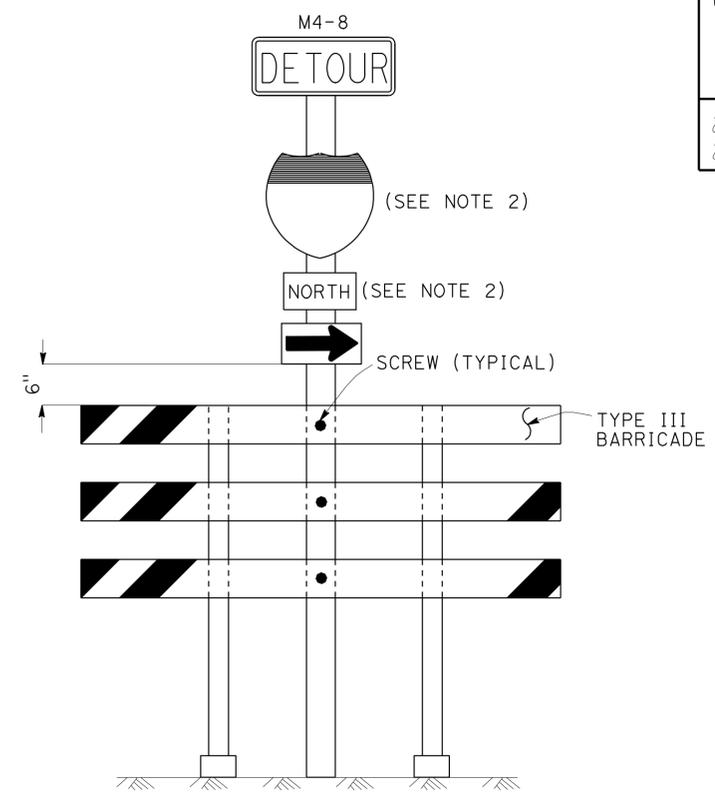
- LETTERS -6" SERIES E.
- LETTERS, BORDER AND ARROW - BLACK ON RETROREFLECTORIZED ORANGE BACKGROUND.
- BASE MATERIAL FOR SIGNS AND ARROWS SHALL BE ALUMINUM (MINIMUM 0.06").
- BELTS (LUGGAGE STRAPS) SHALL BE 1" WIDE BY 48" LONG, MADE OF COTTON OR POLYPROPYLENE WEB MATERIAL.
- SIGNS SHALL BE MOUNTED WITH BOTTOMS OF SIGNS A MINIMUM OF 6' ABOVE GROUND EXCEPT AS OTHERWISE SHOWN ON OTHER TRAFFIC HANDLING DETAILS PLANS.

ABBREVIATION

(CA) CALIFORNIA CODE



SIGN SP-6 (SEE NOTE 1)

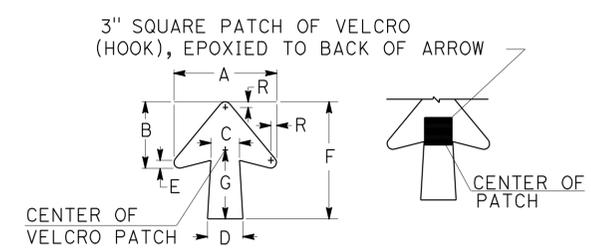


SIGN SP-7 (SEE NOTE 1)

NOTES: (SIGNS SP-6 & SP-7)

- IN LIEU OF PLACING SIGNS ON TYPE III BARRICADES, SIGNS, INCLUDING POSTS, MAY BE PLACED INTO THE GROUND OR FASTENED ONTO ELECTROLIERS.
- USE APPROPRIATE ROUTE SHIELD [G26-2(CA), G27-2(CA), G28-2(CA)] AND CARDINAL DIRECTION [NORTH (M3-1), SOUTH (M3-3), EAST (M3-2), WEST (M3-4)]

SPECIAL PORTABLE FREEWAY DETOUR SIGNS



ADJUSTABLE ARROW DETAIL

DIMENSIONS							
A	B	C	D	E	F	G	R
11 1/4"	7 1/4"	3 1/8"	4"	7/8"	13"	7 1/2"	5/8"

SPECIAL PORTABLE FREEWAY DETOUR SIGN

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

SHEET 2 OF 2
NO SCALE

THD-12

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 DT M
 FUNCTIONAL SUPERVISOR JOHN YANG
 CHECKED BY
 CALCULATED/DESIGNED BY
 REVISOR BY JC DATE REVISED 7/10
 DESIGNED BY ALBERT K YU JOCELYN C CHIANG

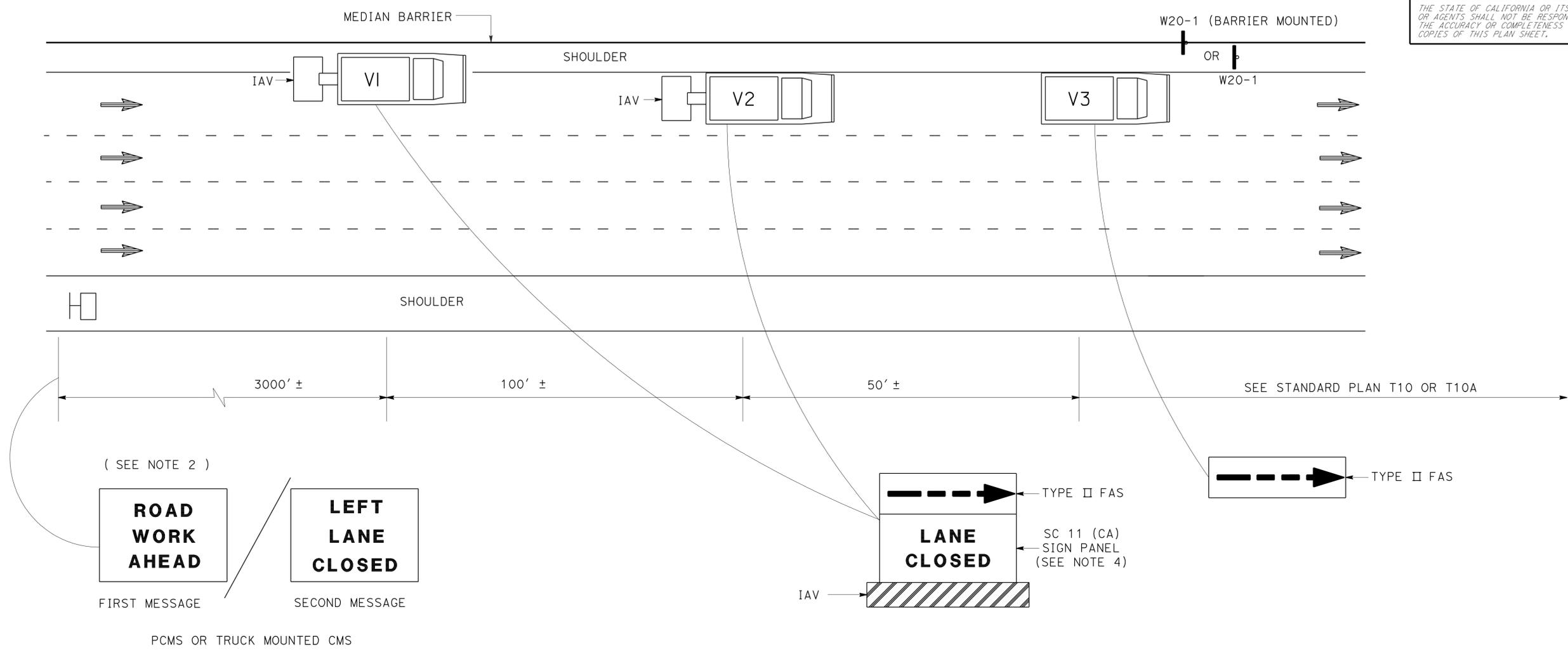
LAST REVISION DATE PLOTTED => 03-JAN-2011
 01-10-11 TIME PLOTTED => 12:20

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	101	11.8/35.0	18	43

12-7-10
 REGISTERED CIVIL ENGINEER DATE
 01-10-11
 PLANS APPROVAL DATE

ALBERT K. YU
 No. 43220
 Exp. 3/31/12
 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.



NOTES:

1. LANE CLOSURES SHALL NOT BE PLACED ON CREST VERTICAL CURVES OR ON HORIZONTAL CURVES.
2. PCMS SHALL BE ACTIVATED PRIOR TO TRAFFIC CONTROL ACTIVITIES ON THE LANE.
3. A MINIMUM SIGHT DISTANCE OF 1500' SHALL BE PROVIDED IN ADVANCE OF PCMS.
4. VEHICLE-MOUNTED SIGN PANELS SHALL BE TYPE III OR IV RETROREFLECTORIZED SHEETING, BLACK ON WHITE OR BLACK ON ORANGE WITH 8" MINIMUM SERIES D LETTERS PER CALTRANS SIGN SPECIFICATIONS.

LEGEND

- V1, V2 SHADOW VEHICLE
- V3 WORK/APPLICATION VEHICLE
- PCMS PORTABLE CHANGEABLE MESSAGE SIGN (PCMS)
- DIRECTION OF TRAVEL
- ▬ CONSTRUCTION AREA SIGN

ABBREVIATIONS

- FAS FLASHING ARROW SIGN
- IAV IMPACT ATTENUATOR VEHICLE
- CMS CHANGEABLE MESSAGE SIGN
- PCMS PORTABLE CHANGEABLE MESSAGE SIGN
- (CA) CALIFORNIA CODE

TRAFFIC HANDLING DETAILS
TRAFFIC CONTROL SYSTEM
FOR MEDIAN SHOULDERS LESS THAN 8 FEET
 NO SCALE

THD-13

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 DT M
 FUNCTIONAL SUPERVISOR JOHN YANG
 CHECKED BY JOCELYN C CHIANG
 REVISED BY ALBERT K YU
 DATE REVISED 7/10
 JC

x
x
x
x
x
x
x
x

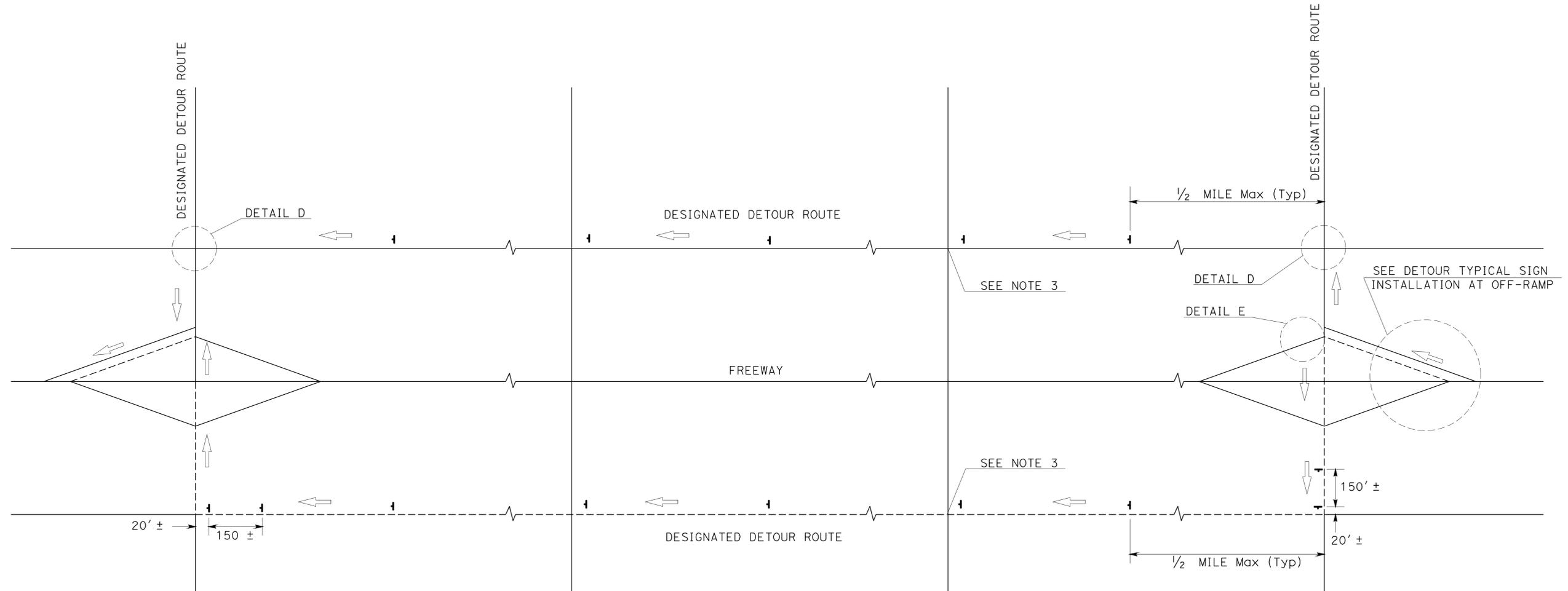
LAST REVISION DATE PLOTTED => 03-JAN-2011
 01-10-11 TIME PLOTTED => 1:2:20

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	101	11.8/35.0	19	43

12-7-10
 REGISTERED CIVIL ENGINEER DATE
 01-10-11
 PLANS APPROVAL DATE

ALBERT K. YU
 No. 43220
 Exp. 3/31/12
 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.



TYPICAL DETOUR SIGN INSTALLATION ALONG DESIGNATED DETOUR ROUTE

LEGEND

- TEMPORARY SIGN (SP-2)
- AND/OR DESIGNATED DETOUR ROUTE
- DIRECTION OF TRAVEL

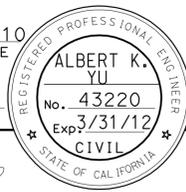
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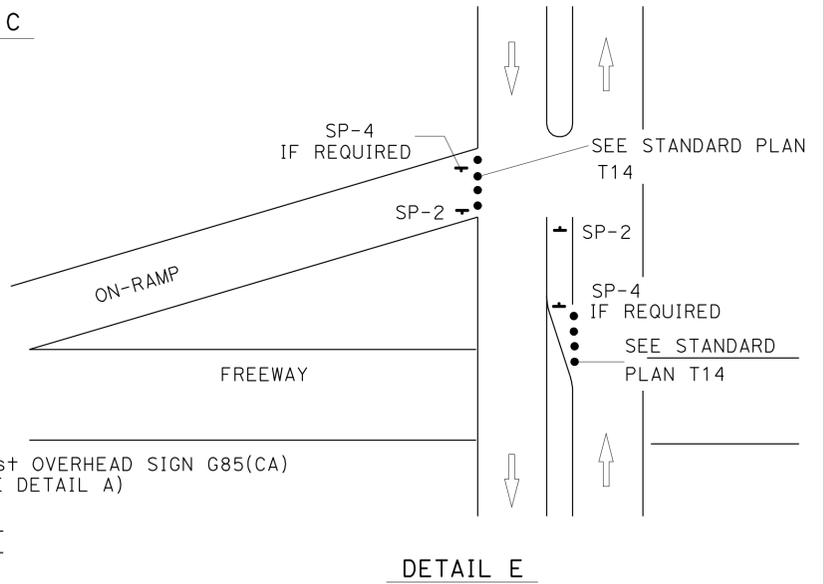
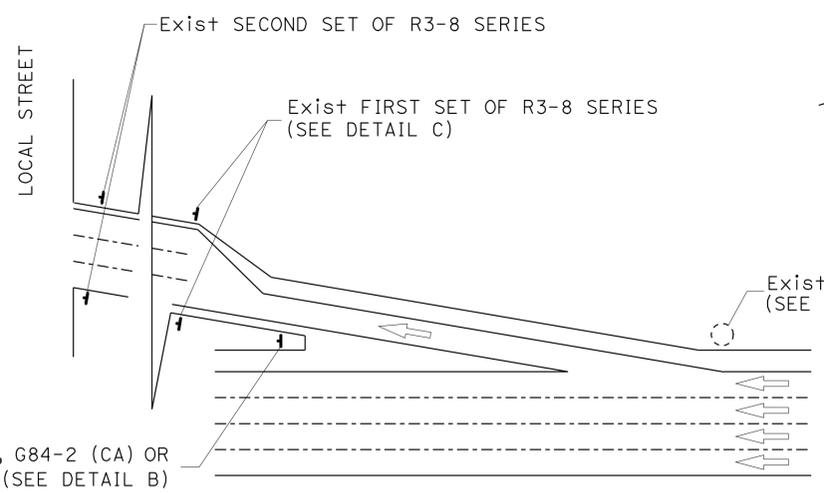
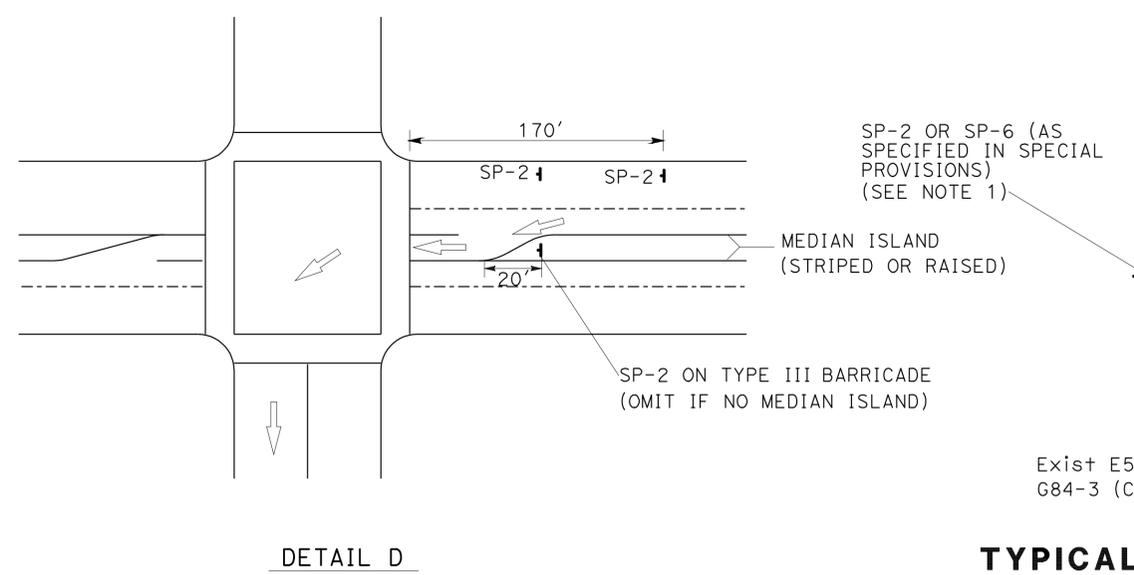
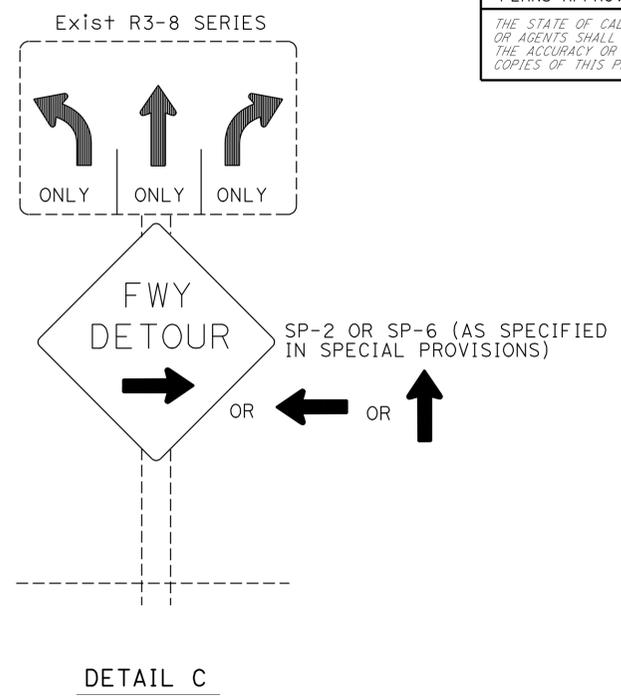
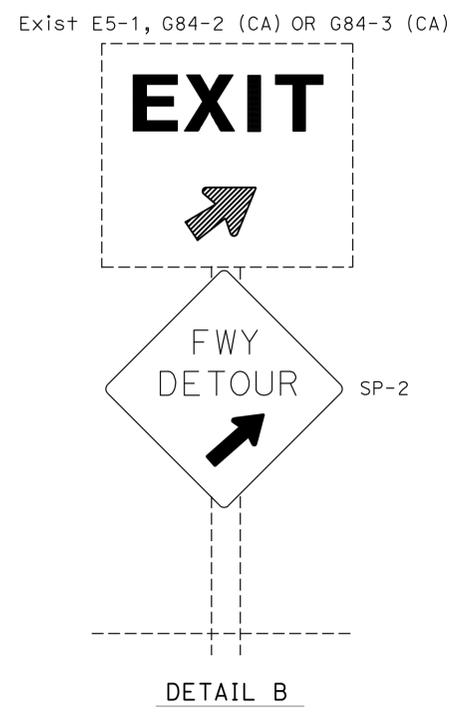
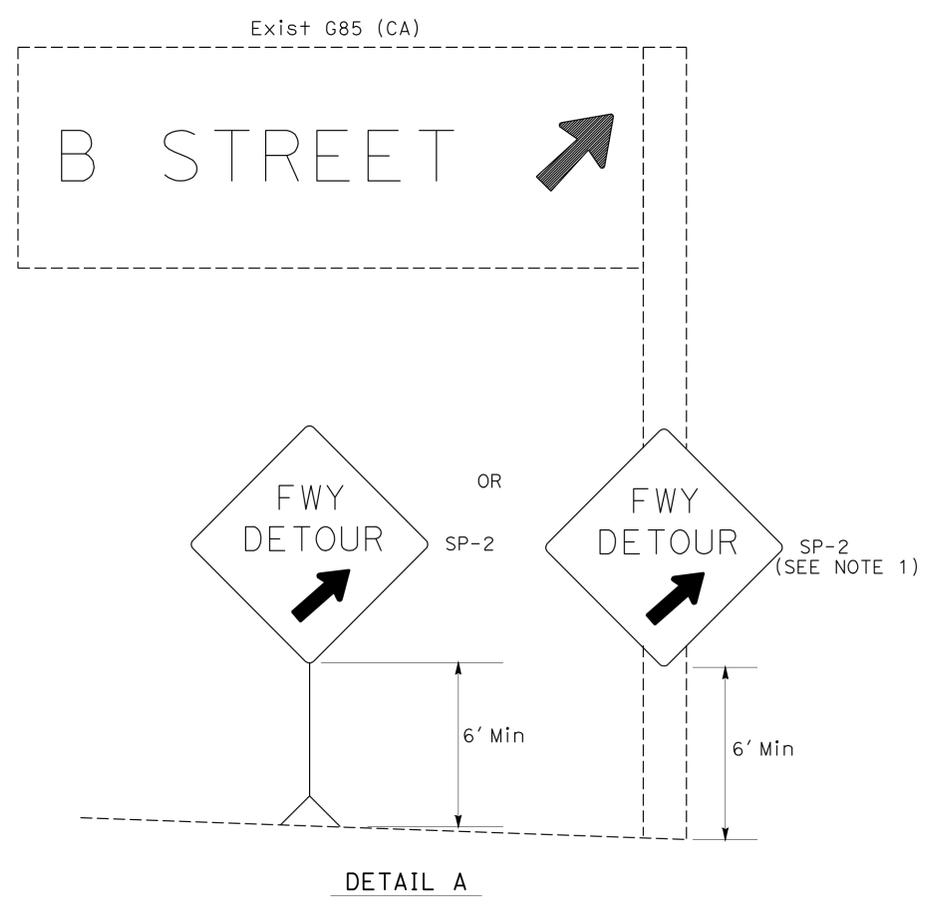
1. SP-2 SIGNS SHALL NOT BE INSTALLED ON BARRICADES EXCEPT AS OTHERWISE SHOWN.
2. SIGN LOCATIONS ARE APPROXIMATE. EXACT LOCATIONS WILL BE DETERMINED BY THE ENGINEER.
3. SP-2 SIGNS SHALL BE POSTED AT SIGNALIZED INTERSECTIONS ALONG THE DESIGNATED DETOUR ROUTE OR 1/2 MILE MAXIMUM APART.

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

THD-14

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 DTM
 JOHN YANG
 FUNCTIONAL SUPERVISOR
 CHECKED BY
 JOCELYN C CHIANG
 ALBERT K YU
 REVISOR BY
 JC
 DATE REVISOR
 7/10

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	101	11.8/35.0	20	43
 REGISTERED CIVIL ENGINEER DATE 12-7-10					
01-10-11 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>					



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

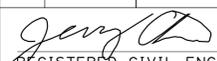
**TRAFFIC HANDLING DETAILS
TRAFFIC CONTROL SYSTEM
FOR DETOUR SIGN INSTALLATION
ALONG DESIGNATED DETOUR ROUTE
SHEET 2 OF 2
NO SCALE**

THD-15

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 DT M
 FUNCTIONAL SUPERVISOR JOHN YANG
 CHECKED BY
 CALCULATED/DESIGNED BY
 REVISOR BY ALBERT K YU
 DATE REVISED 8/10
 REVISOR BY JOCELYN C CHIANG

LAST REVISION DATE PLOTTED => 03-JAN-2011
 01-10-11 TIME PLOTTED => 12:21

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	101	11.8/35.0	22	43

 10-21-10
 REGISTERED CIVIL ENGINEER DATE

01-10-11
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
JERRY CHEN
 No. C65548
 Exp. 9-30-11
 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
Caltrans MAINTENANCE ENGINEERING
 FUNCTIONAL SUPERVISOR: PAUL J CRISPI
 CALCULATED/DESIGNED BY: JERRY CHEN
 CHECKED BY: PAUL J CRISPI
 REVISIONS: JERRY CHEN, PAUL J CRISPI
 REVISED BY: DATE REVISIONS

LOCATION	BRIDGE NAME	THERMOPLASTIC TRAFFIC STRIPE										THERMOPLASTIC PAVEMENT MARKING						PAVEMENT MARKER										REMOVE					
												ARROWS			WORDS			RETROREFLECTIVE															
		4" THERMOPLASTIC TRAFFIC STRIPE (BROKEN 17-7)	4" THERMOPLASTIC TRAFFIC STRIPE (BROKEN 36-12)	6" THERMOPLASTIC TRAFFIC STRIPE	8" THERMOPLASTIC TRAFFIC STRIPE (BROKEN 12-3)	TYPE IV (L)	TYPE IV (R)	BIKE LANE	"BIKE"	"LANE"	"101"	"ONLY"	1' SOLID DIAGONAL	TYPE A (NON-REFLECTIVE)	TYPE G	TYPE G	TYPE D	TYPE H	TYPE G	TYPE C	TYPE G	TYPE G	TYPE G	TYPE G	PAVEMENT MARKER	YELLOW THERMOPLASTIC TRAFFIC STRIPE (HAZARDOUS WASTE)	THERMOPLASTIC TRAFFIC STRIPE						
LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	SF	SF	SF	SF	SF	SF	SF	SF	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA	EA
18	BURBANK BOULEVARD UC		224	224		896												75	20			6							101	224	448		
20	WILBUR AVENUE UC		182	182		728												61	16			5							82	182	364		
22	WINNETKA AVENUE UC		232	232		928												77	20			6							103	232	464		
23	DE SOTO AVENUE UC		196	196		784												65	17			5							87	196	392		
24	CANOGA AVENUE UC		196	196		784												65	17			5							87	196	392		
25	VENTURA BOULEVARD UC		344	344		1,032												86	23			8							117	344	602		
26	SHOUP AVENUE UC		140	140		420		140										35	10			4	8						57	140	525		
27	FALLBROOK AVENUE UC		194	194		582												49	13			5							67	194	340		
28	LAS VIRGENES CANYON ROAD OC		554		554		554		10		15		14	10	12							13		13			1		27	554	1,151	119	
32	MEDEA CREEK		214	321		642		107										54	14			5	6	9	2				90	214	738		
33	KANAN ROAD OC	400		200	400				550		15	15			20	22	110				9	19					25		53	400	1,417	182	
SUBTOTAL (FOR PDQ-2)		400	2,476	2,229	954	6,796	554	247	560		107	30	15	14	10	12	20	22	110	567	150	22	19	62	14	9	2	26	871	2,876	6,833	301	
TOTAL (FOR PDQ-2)		5,105			954	6,796	554	807		107	233						544	304						871	2,876	6,833	301						
TOTAL (FOR PDQ-1)		8,258				13,819		200		90							1,152	458						1,608	4,236	7,963							
GRAND TOTAL		13,363			954	20,615	554	1,007		197	233						1,719	762						2,479	7,112	14,796	301						

PAVEMENT DELINEATION QUANTITIES

PDQ-2

LAST REVISION DATE PLOTTED => 03-JAN-2011
 01-10-11 TIME PLOTTED => 12:22

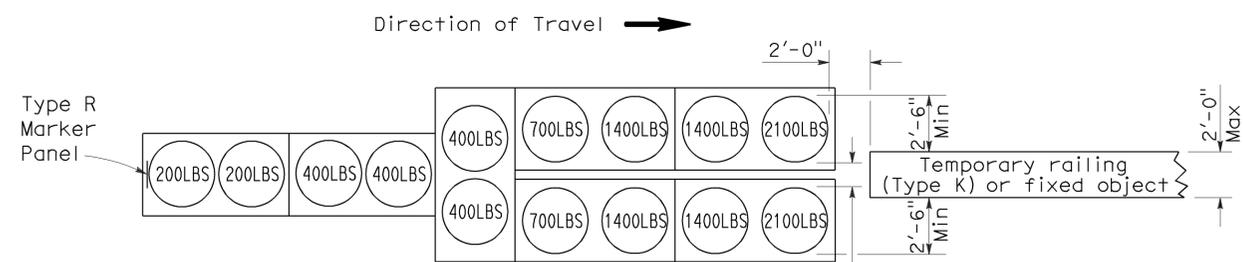
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
07	LA	101	11.8/35.0	23	43

Randell D. Hiatt
REGISTERED CIVIL ENGINEER

June 6, 2008
PLANS APPROVAL DATE

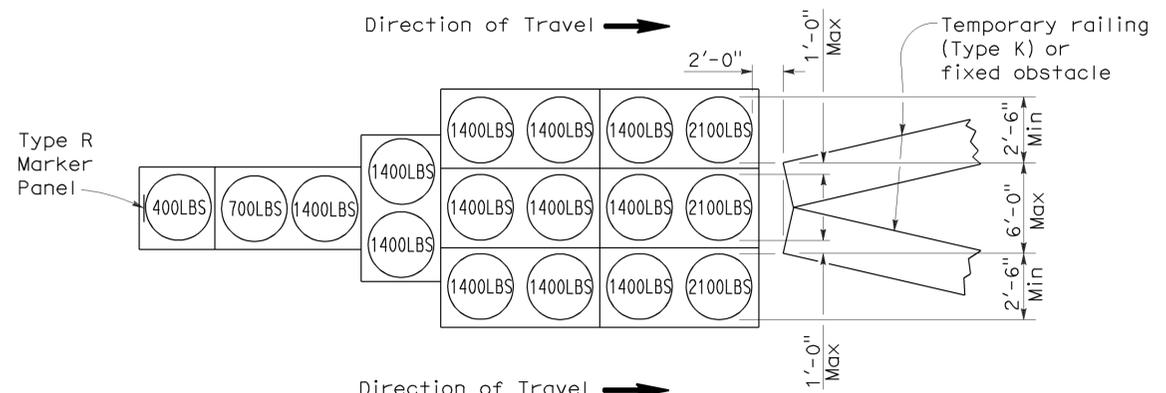
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

To accompany plans dated 01-10-11



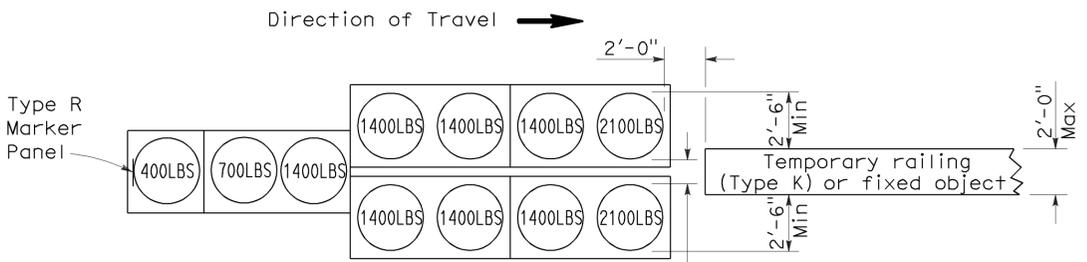
ARRAY 'TU14'

Approach speed 45 mph or more



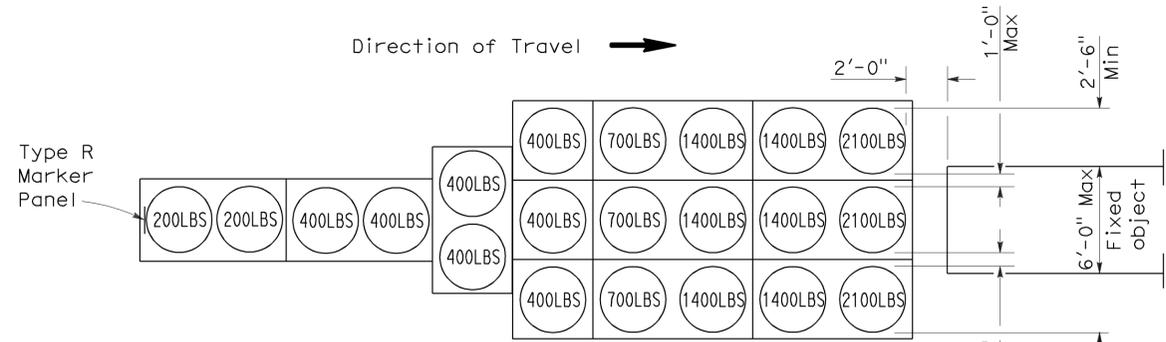
ARRAY 'TU17'

Approach speed less than 45 mph



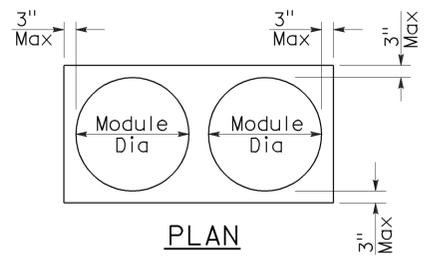
ARRAY 'TU11'

Approach speed less than 45 mph

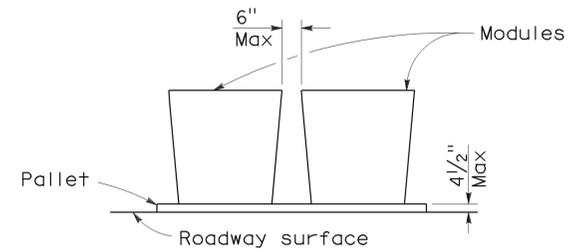


ARRAY 'TU21'

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

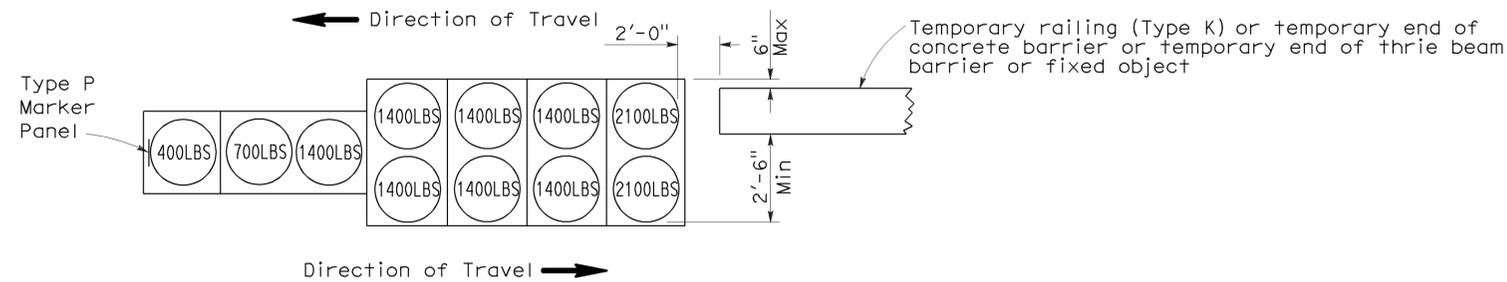
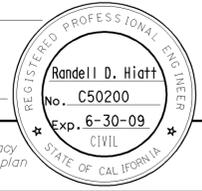
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
07	LA	101	11.8/35.0	24	43

Randell D. Hiatt
REGISTERED CIVIL ENGINEER

June 6, 2008
PLANS APPROVAL DATE

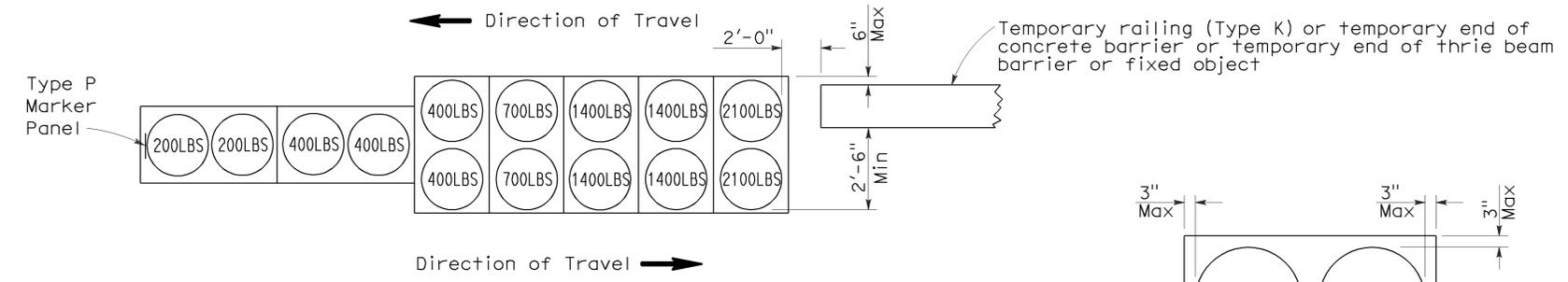
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

To accompany plans dated 01-10-11



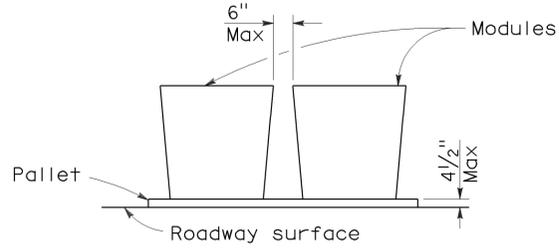
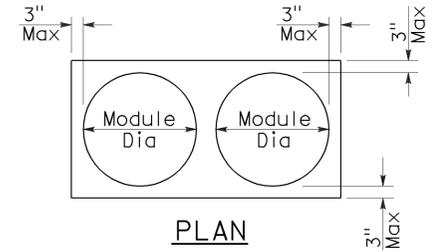
ARRAY 'TB11'

Approach speed less than 45 mph



ARRAY 'TB14'

Approach speed 45 mph or more



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

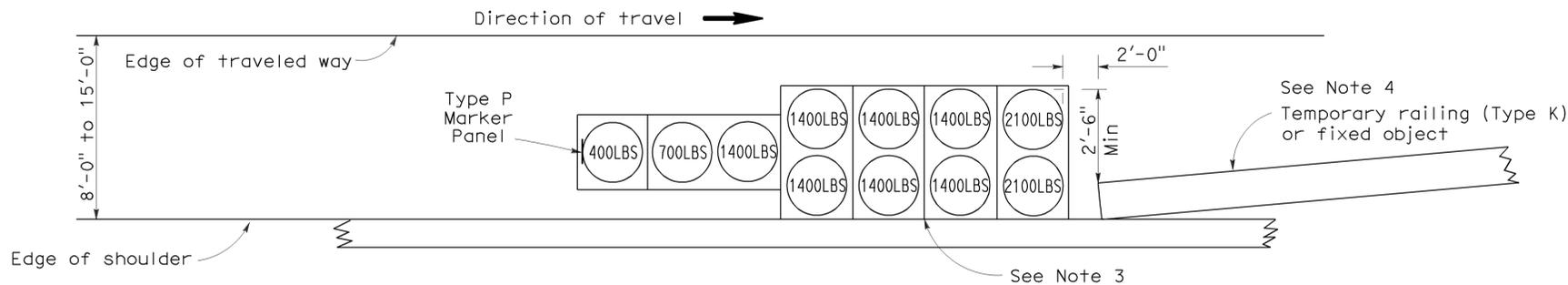
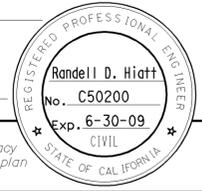
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
07	LA	101	11.8/35.0	25	43

Randell D. Hiatt
REGISTERED CIVIL ENGINEER

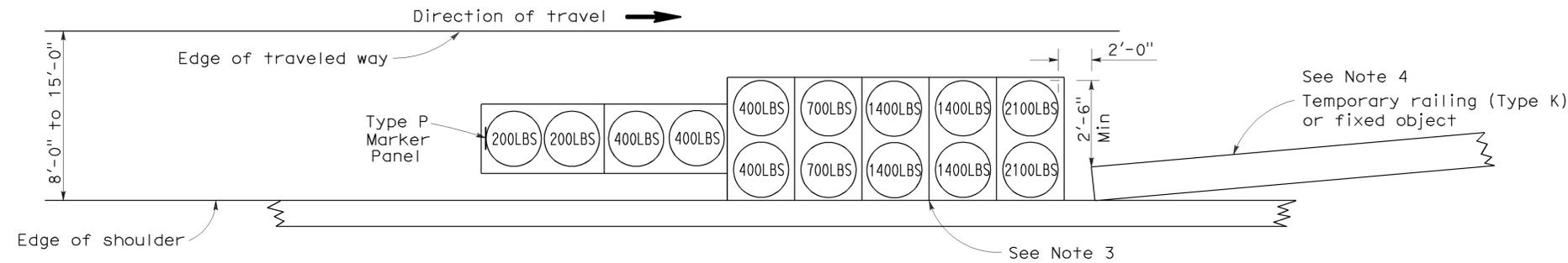
June 6, 2008
PLANS APPROVAL DATE

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 01-10-11



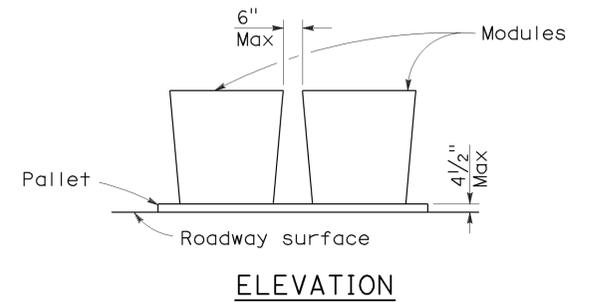
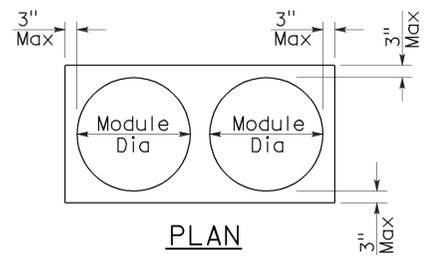
ARRAY 'TS11'
Approach speed less than 45 mph
See Note 9



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

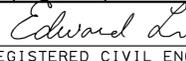
**TEMPORARY CRASH CUSHION,
SAND FILLED
(SHOULDER INSTALLATIONS)**

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

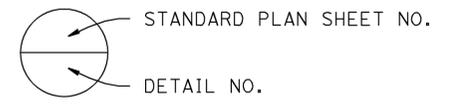
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No	TOTAL SHEETS
07	LA	101	11.8/35.0	26	43
			10/12/10	DATE	
REGISTERED CIVIL ENGINEER					
PLANS APPROVAL DATE			01-10-11		
No. C56706			Exp. 06/30/11		
CIVIL			STATE OF CALIFORNIA		
<small>The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.</small>					

INDEX TO PLANS

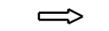
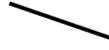
SHEET NO.	TITLE
1	GENERAL PLAN NO. 1
2	GENERAL PLAN NO. 2
3	GENERAL PLAN NO. 3
4	GENERAL PLAN NO. 4
5	GENERAL PLAN NO. 5
6	GENERAL PLAN NO. 6
7	GENERAL PLAN NO. 7
8	GENERAL PLAN NO. 8
9	GENERAL PLAN NO. 9
10	GENERAL PLAN NO. 10
11	GENERAL PLAN NO. 11
12	GENERAL PLAN NO. 12
13	GENERAL PLAN NO. 13
14	GENERAL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

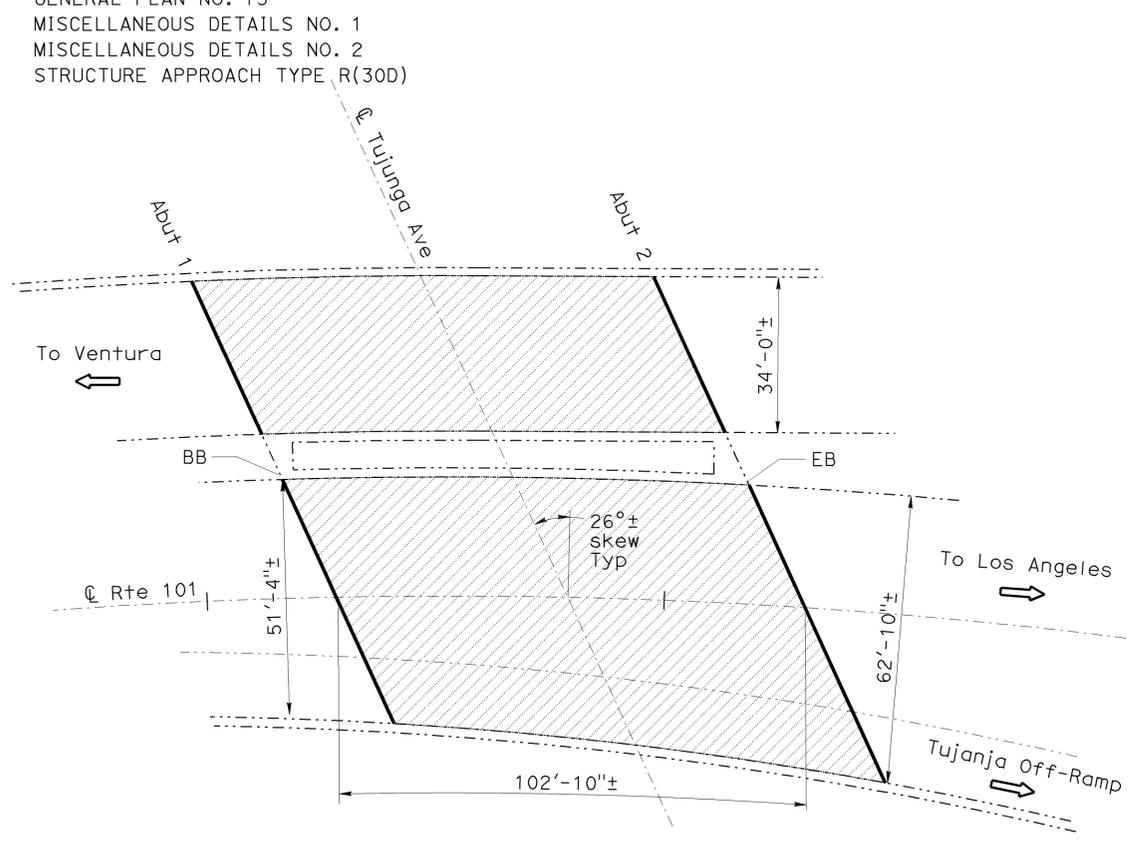
STANDARD PLANS DATED MAY 2006

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")



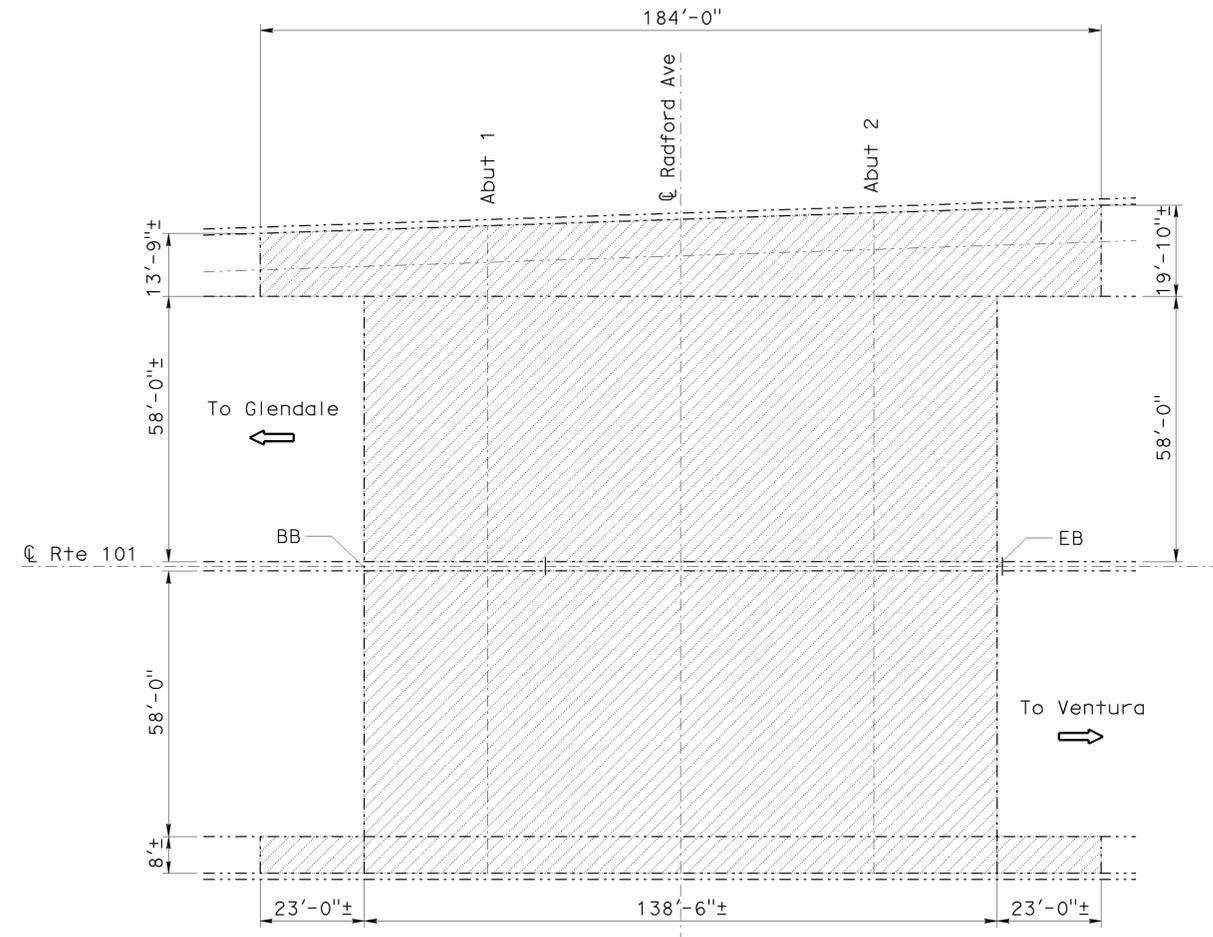
LEGEND:

-  Indicates existing.
-  Indicates direction of traffic.
-  Indicates location of existing joint seal removal and placement of new joint seal. Prior to placement of new joint seal repair joint spalls.
-  Indicates limits of clean and treat existing bridge deck with high molecular weight methacrylate. Prior to bridge deck treatment, remove unsound concrete and patch with rapid setting concrete.



TUJUNGA AVENUE UC

Br No. 53-1338L, Rte 101, PM 11.83
1" = 20'



RADFORD AVENUE UC

Br No. 53-1311, Rte 101, PM 12.6
1" = 20'



TUJUNGA AVE UC	QUANTITIES	BRIDGE NO 53-1338L
REMOVE UNSOUND CONCRETE	25 CF	
CLEAN BRIDGE DECK	9,376 SQFT	
CLEAN EXPANSION JOINT	203 LF	
RAPID SETTING CONCRETE (PATCH)	25 CF	
JOINT SEAL (MR 1 1/2")	203 LF	
TREAT BRIDGE DECK	9,376 SQFT	
FURNISH BRIDGE DECK TREATMENT MATERIAL	117 GAL	
PUBLIC SAFETY PLAN	LUMP SUM	

RADFORD AVE UC	QUANTITIES	BRIDGE NO 53-1311
REMOVE UNSOUND CONCRETE	52 CF	
CLEAN BRIDGE DECK	20,634 SQFT	
RAPID SETTING CONCRETE (PATCH)	52 CF	
TREAT BRIDGE DECK	20,634 SQFT	
FURNISH BRIDGE DECK TREATMENT MATERIAL	258 GAL	
PUBLIC SAFETY PLAN	LUMP SUM	

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

 DESIGN ENGINEER	DESIGN	BY Edward Li	CHECKED Vinh Dang	LOAD FACTOR DESIGN	LIVE LOADING: HS20-44 AND ALTERNATIVE AND PERMIT DESIGN LOAD
	DETAILS	BY Tom Dang	CHECKED Edward Li	LAYOUT	BY Tom Dang
	QUANTITIES	BY Edward Li	CHECKED Vinh Dang	SPECIFICATIONS	BY Jennifer Ramirez
					CHECKED Edward Li
					PLANS AND SPECS COMPARED Jennifer Ramirez

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

DIVISION OF MAINTENANCE
STRUCTURE MAINTENANCE DESIGN

BRIDGE NO. Various
POST MILE Varies

ROUTE 101 BRIDGES
GENERAL PLAN NO. 1

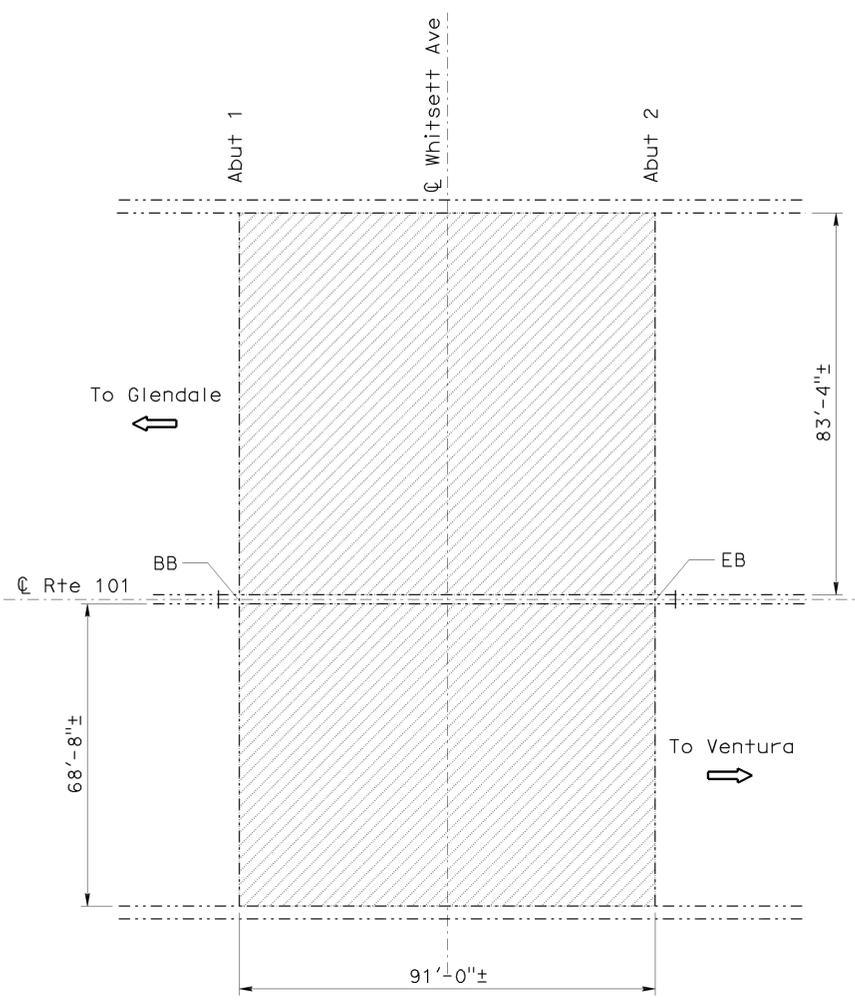
REVISION DATES

SHEET 01 OF 18

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No	TOTAL SHEETS
07	LA	101	11.8/35.0	27	43
<i>Edward Li</i> REGISTERED CIVIL ENGINEER DATE 10/12/10					
01-10-11 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>					

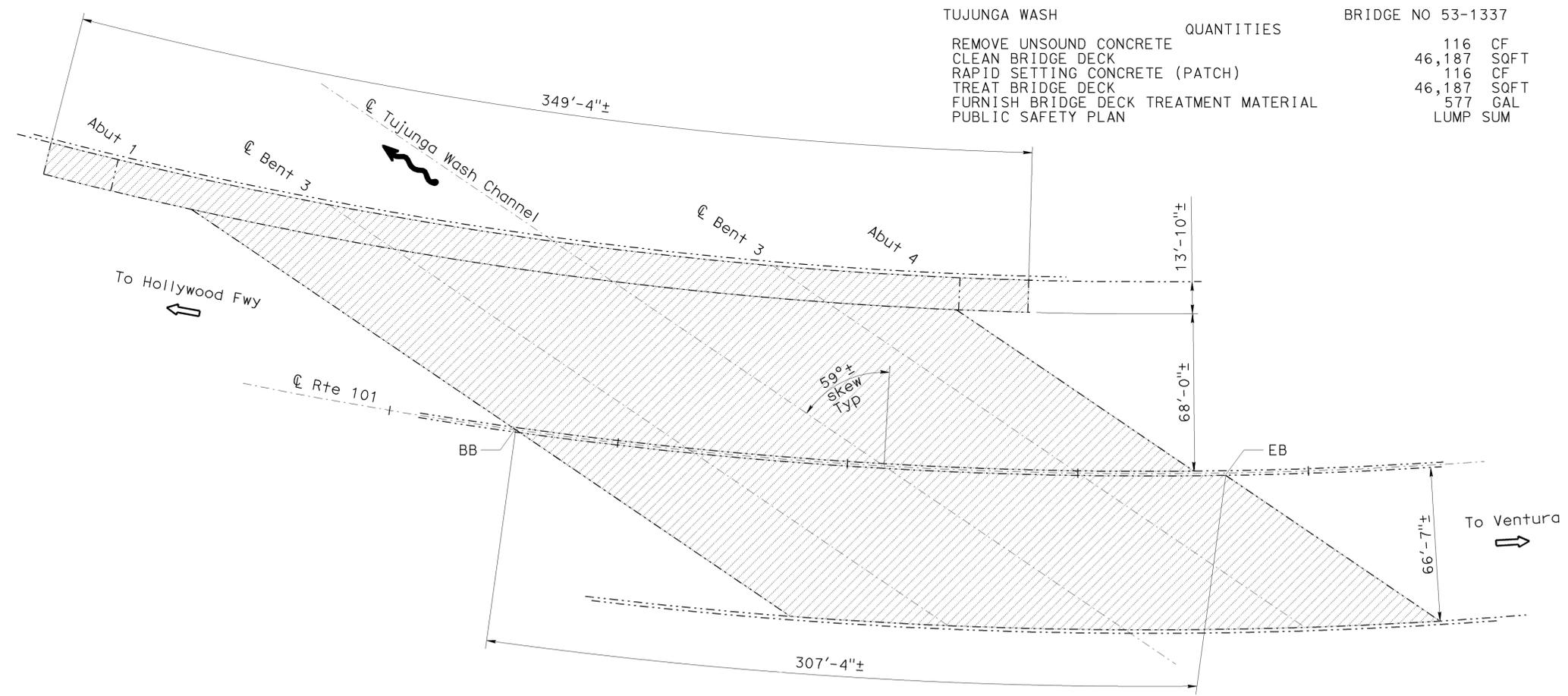
LEGEND:

- Indicates existing.
- ➔ Indicates direction of traffic.
- Indicates limits of clean and treat existing bridge deck with high molecular weight methacrylate. Prior to bridge deck treatment, remove unsound concrete and patch with rapid setting concrete.



WHITSETT AVENUE UC

Br No. 53-1340, Rte 101, PM 13.39
1" = 20'



TUJUNGA WASH

- QUANTITIES
- REMOVE UNSOUND CONCRETE 116 CF
 - CLEAN BRIDGE DECK 46,187 SQFT
 - RAPID SETTING CONCRETE (PATCH) 116 CF
 - TREAT BRIDGE DECK 46,187 SQFT
 - FURNISH BRIDGE DECK TREATMENT MATERIAL 577 GAL
 - PUBLIC SAFETY PLAN LUMP SUM

BRIDGE NO 53-1337

WHITSETT AVE UC	QUANTITIES	BRIDGE NO 53-1340
REMOVE UNSOUND CONCRETE	35 CF	
CLEAN BRIDGE DECK	13,832 SQFT	
RAPID SETTING CONCRETE (PATCH)	35 CF	
TREAT BRIDGE DECK	13,832 SQFT	
FURNISH BRIDGE DECK TREATMENT MATERIAL	173 GAL	
PUBLIC SAFETY PLAN	LUMP SUM	

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

TONY D. BRAKE DESIGN ENGINEER	DESIGN	BY Edward Li	CHECKED Vinh Dang	LOAD FACTOR DESIGN	LIVE LOADING: HS20-44 AND ALTERNATIVE PERMIT DESIGN LOAD	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF MAINTENANCE STRUCTURE MAINTENANCE DESIGN	BRIDGE NO.	Various	ROUTE 101 BRIDGES GENERAL PLAN NO. 2	
	DETAILS	BY Tom Dang	CHECKED Edward Li	LAYOUT	BY Tom Dang			POST MILE	Varies		
	QUANTITIES	BY Edward Li	CHECKED Vinh Dang	SPECIFICATIONS	BY Jennifer Ramirez			PLANS AND SPECS COMPARED	JENNIFER RAMIREZ		
STRUCTURES MAINTENANCE GENERAL PLAN SHEET (ENGLISH) (REV. 10/25/05)						ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	0 1 2 3	CU 07 EA 4Y2801	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES	SHEET 02 OF 18

USERNAME => s129239 DATE PLOTTED => 13-OCT-2010 TIME PLOTTED => 12:39

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No	TOTAL SHEETS
07	LA	101	11.8/35.0	28	43
<i>Edward Li</i> REGISTERED CIVIL ENGINEER DATE 10/12/10					
01-10-11			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>					

LEGEND:

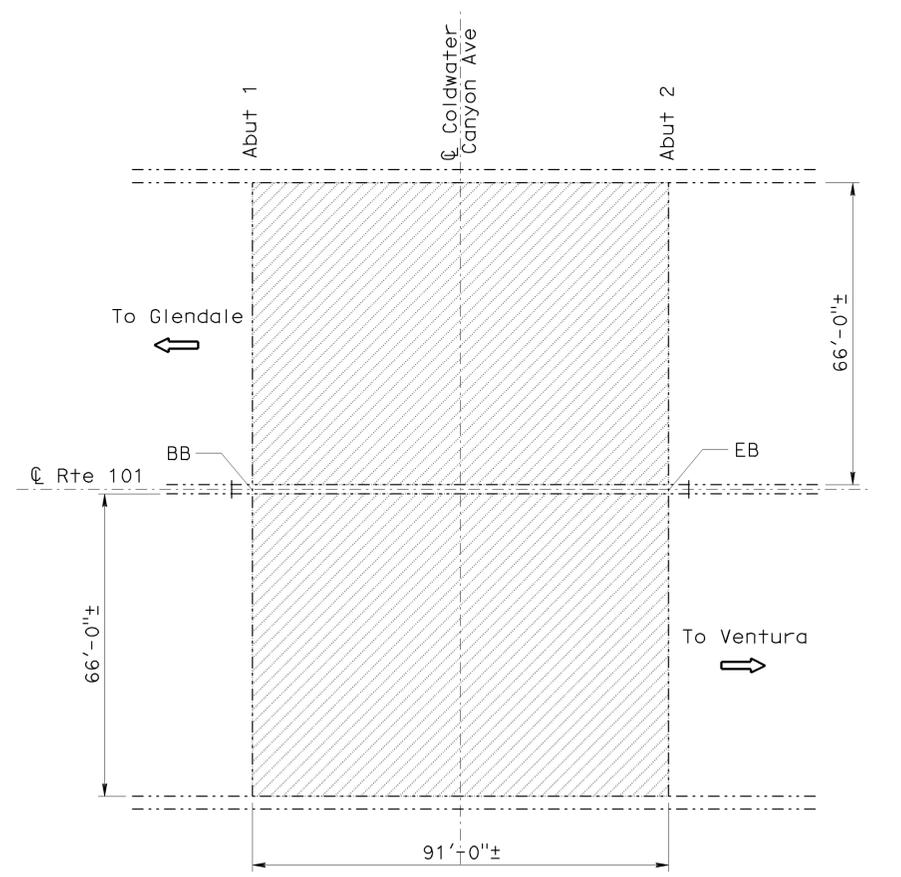
- Indicates existing.
- ➔ Indicates direction of traffic.
- Indicates limits of clean and treat existing bridge deck with high molecular weight methacrylate. Prior to bridge deck treatment, remove unsound concrete and patch with rapid setting concrete.

COLDWATER CANYON AVE UC QUANTITIES BRIDGE NO 53-1353

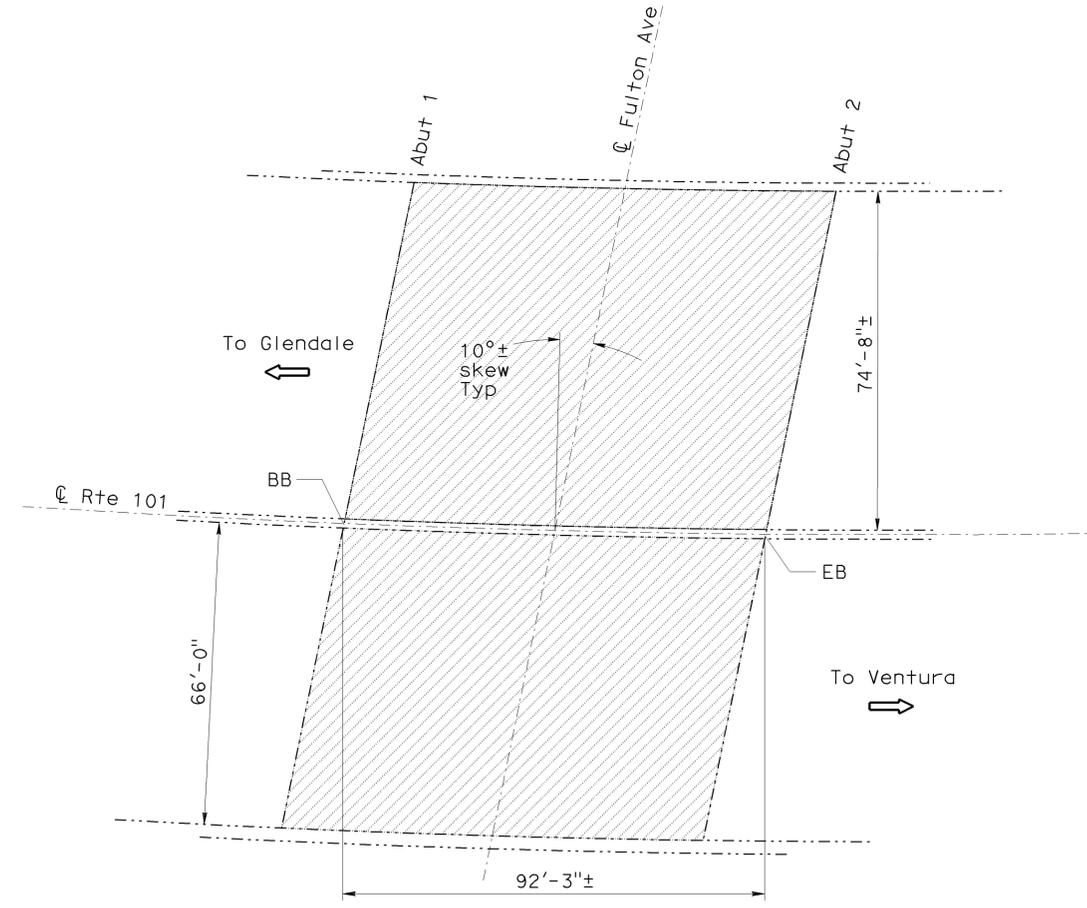
REMOVE UNSOUND CONCRETE	30	CF
CLEAN BRIDGE DECK	12,012	SQFT
RAPID SETTING CONCRETE (PATCH)	30	CF
TREAT BRIDGE DECK	12,012	SQFT
FURNISH BRIDGE DECK TREATMENT MATERIAL	150	GAL
PUBLIC SAFETY PLAN		LUMP SUM

FULTON AVE UC QUANTITIES BRIDGE NO 53-1354

REMOVE UNSOUND CONCRETE	33	CF
CLEAN BRIDGE DECK	12,977	SQFT
RAPID SETTING CONCRETE (PATCH)	33	CF
TREAT BRIDGE DECK	12,977	SQFT
FURNISH BRIDGE DECK TREATMENT MATERIAL	162	GAL
PUBLIC SAFETY PLAN		LUMP SUM



COLDWATER CANYON AVENUE UC
 Br No. 53-1353, Rte 101, PM 13.88
 1" = 20'



FULTON AVENUE UC
 Br No. 53-1354, Rte 101, PM 14.38
 1" = 20'

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

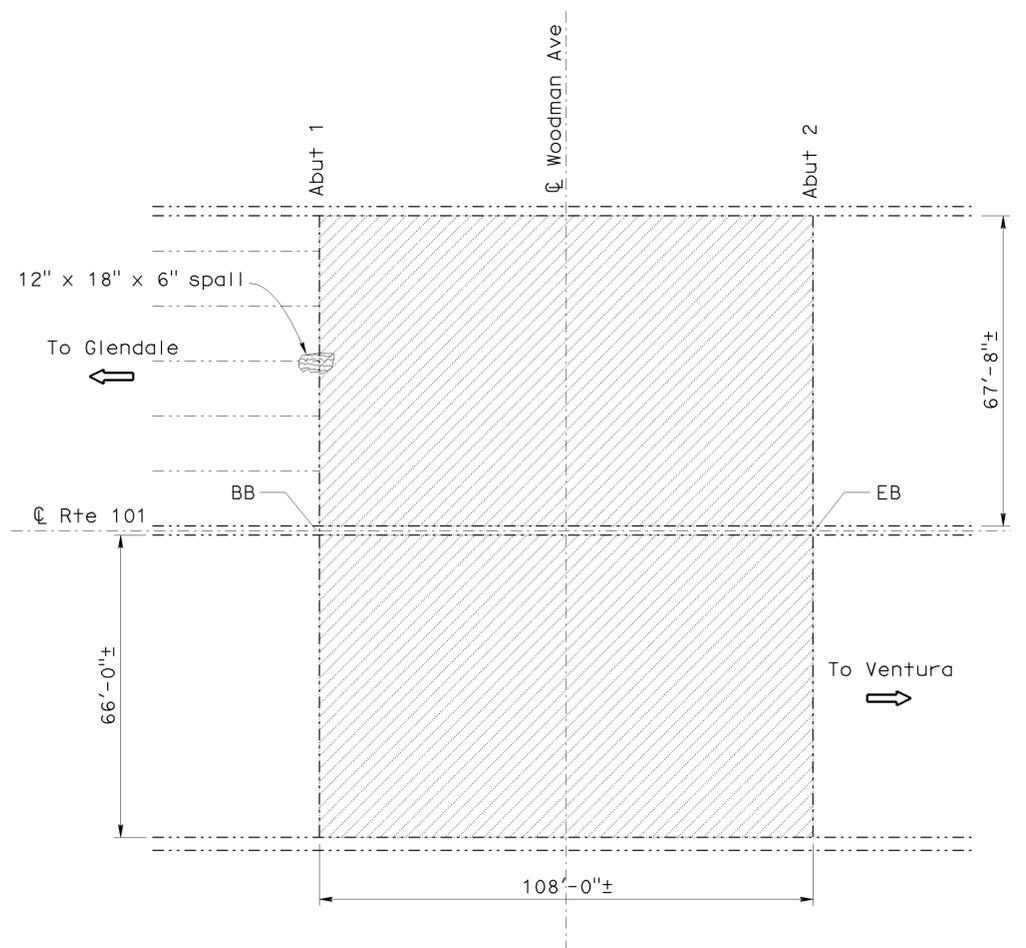
TONY D. BRAKE DESIGN ENGINEER	DESIGN	BY Edward Li	CHECKED Vinh Dang	LOAD FACTOR DESIGN	LIVE LOADING: HS20-44 AND ALTERNATIVE PERMIT DESIGN LOAD	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF MAINTENANCE STRUCTURE MAINTENANCE DESIGN	BRIDGE NO.	ROUTE 101 BRIDGES GENERAL PLAN NO. 3		
	DETAILS	BY Tom Dang	CHECKED Edward Li	LAYOUT	BY Tom Dang			CHECKED Edward Li		POST MILE	
	QUANTITIES	BY Edward Li	CHECKED Vinh Dang	SPECIFICATIONS	BY Jennifer Ramirez			PLANS AND SPECS COMPARED Jennifer Ramirez		VARIES	
STRUCTURES MAINTENANCE GENERAL PLAN SHEET (ENGLISH) (REV. 10/25/05)						ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	0 1 2 3	CU 07 EA 4Y2801	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES	SHEET 03 OF 18

USERNAME => s129239 DATE PLOTTED => 13-OCT-2010 TIME PLOTTED => 12:39

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No	TOTAL SHEETS
07	LA	101	11.8/35.0	29	43
<i>Edward Li</i> 10/12/10 REGISTERED CIVIL ENGINEER DATE					
01-10-11 PLANS APPROVAL DATE					
<i>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.</i>					

LEGEND:

- Indicates existing.
- Indicates direction of traffic.
- Indicates removal of unsound concrete and place rapid setting concrete patch. Actual area may vary and will be determined by the Engineer.
- Indicates limits of clean and treat existing bridge deck with high molecular weight methacrylate. Prior to bridge deck treatment, remove unsound concrete and patch with rapid setting concrete.



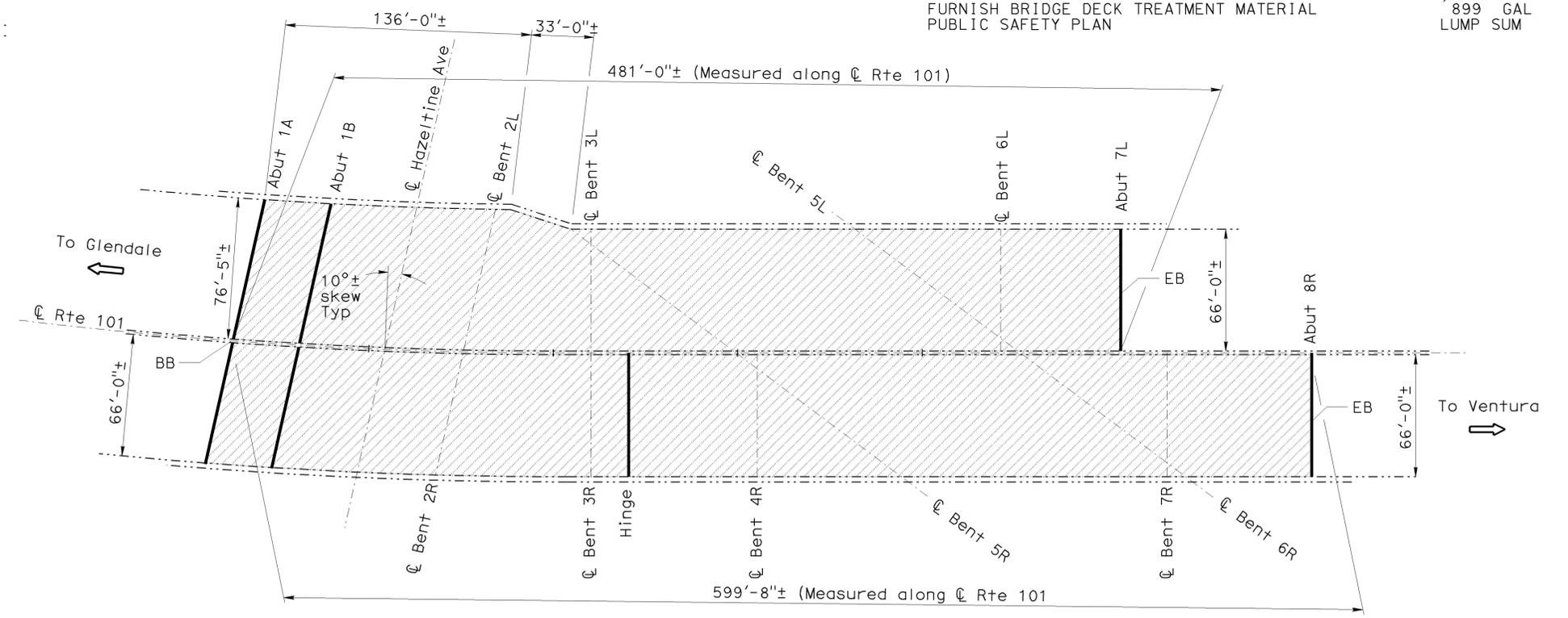
WOODMAN AVENUE UC

Br No. 53-1355, Rte 101, PM 14.89
1" = 20'



WOODMAN AVE UC		BRIDGE NO 53-1355	
QUANTITIES		QUANTITIES	
REMOVE UNSOUND CONCRETE	36 CF	REMOVE UNSOUND CONCRETE	183 CF
CLEAN BRIDGE DECK	14,436 SQFT	CLEAN BRIDGE DECK	71,933 SQFT
RAPID SETTING CONCRETE (PATCH)	36 CF	CLEAN EXPANSION JOINT	495 LF
TREAT BRIDGE DECK	14,436 SQFT	RAPID SETTING CONCRETE (PATCH)	183 CF
FURNISH BRIDGE DECK TREATMENT MATERIAL	181 GAL	JOINT SEAL (MR 1/2")	147 LF
PUBLIC SAFETY PLAN	LUMP SUM	JOINT SEAL (MR 1 1/2")	348 LF
		TREAT BRIDGE DECK	71,933 SQFT
		FURNISH BRIDGE DECK TREATMENT MATERIAL	899 GAL
		PUBLIC SAFETY PLAN	LUMP SUM

LOS ANGELES RIVER		BRIDGE NO 53-1371	
QUANTITIES		QUANTITIES	
REMOVE UNSOUND CONCRETE	183 CF	REMOVE UNSOUND CONCRETE	183 CF
CLEAN BRIDGE DECK	71,933 SQFT	CLEAN BRIDGE DECK	71,933 SQFT
CLEAN EXPANSION JOINT	495 LF	CLEAN EXPANSION JOINT	495 LF
RAPID SETTING CONCRETE (PATCH)	183 CF	RAPID SETTING CONCRETE (PATCH)	183 CF
JOINT SEAL (MR 1/2")	147 LF	JOINT SEAL (MR 1/2")	147 LF
JOINT SEAL (MR 1 1/2")	348 LF	JOINT SEAL (MR 1 1/2")	348 LF
TREAT BRIDGE DECK	71,933 SQFT	TREAT BRIDGE DECK	71,933 SQFT
FURNISH BRIDGE DECK TREATMENT MATERIAL	899 GAL	FURNISH BRIDGE DECK TREATMENT MATERIAL	899 GAL
PUBLIC SAFETY PLAN	LUMP SUM	PUBLIC SAFETY PLAN	LUMP SUM



LOS ANGELES RIVER

Br No. 53-1371, Rte 101, PM 15.38
NO SCALE



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

TONY D. BRAKE DESIGN ENGINEER	DESIGN	BY Edward Li	CHECKED Vinh Dang	LOAD FACTOR DESIGN	LIVE LOADING: HS20-44 AND ALTERNATIVE PERMIT DESIGN LOAD	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF MAINTENANCE STRUCTURE MAINTENANCE DESIGN	BRIDGE NO.	Various	ROUTE 101 BRIDGES GENERAL PLAN NO. 4
	DETAILS	BY Tom Dang	CHECKED Edward Li	LAYOUT	BY Tom Dang			POST MILE	Varies	
	QUANTITIES	BY Edward Li	CHECKED Vinh Dang	SPECIFICATIONS	BY Jennifer Ramirez			PLANS AND SPECS COMPARED	Jennifer Ramirez	
STRUCTURES MAINTENANCE GENERAL PLAN SHEET (ENGLISH) (REV. 10/25/05)						ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	CU 07 EA 4Y2801	DISREGARD PRINTS BEARING EARLIER REVISION DATES		SHEET 04 OF 18

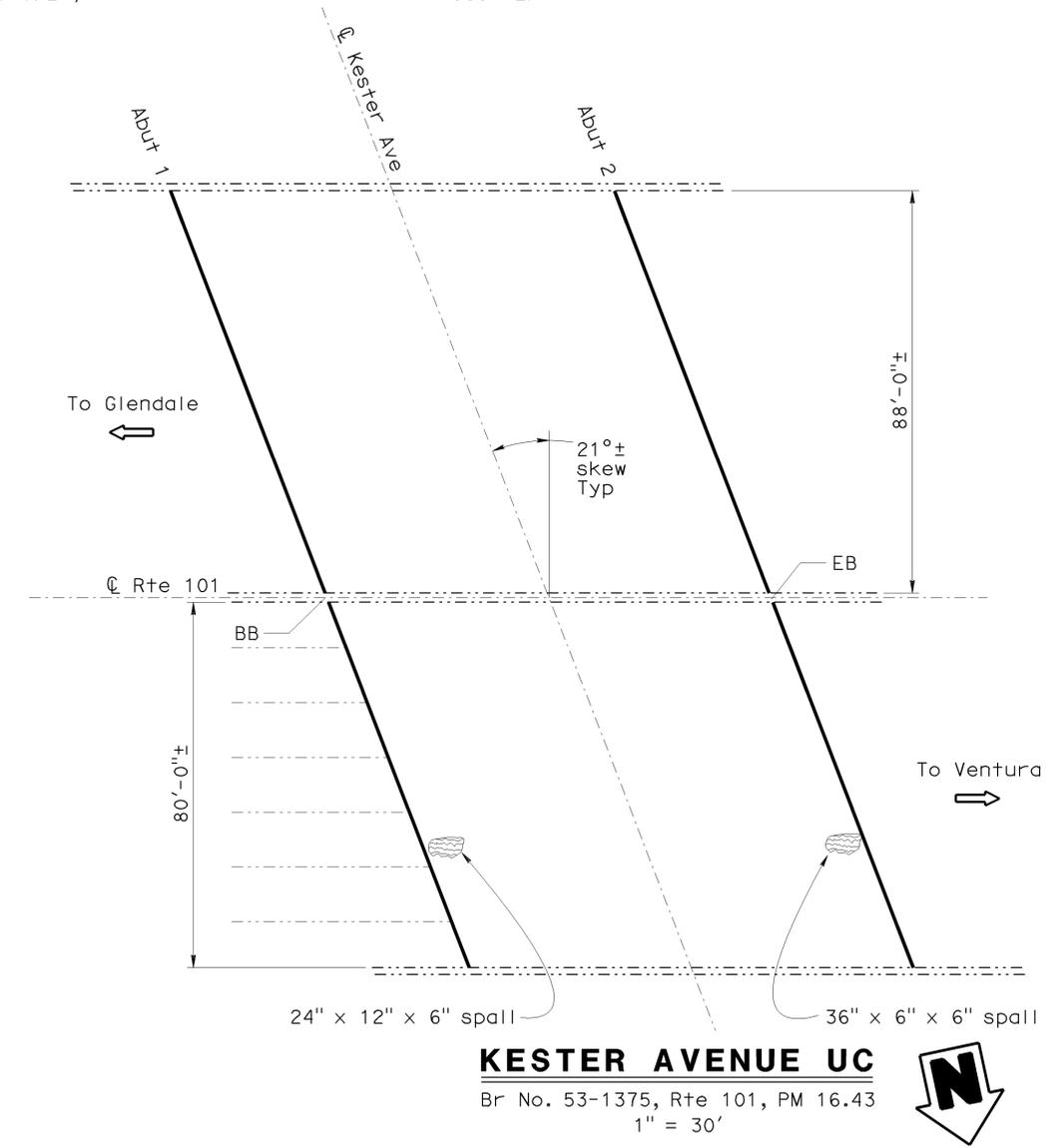
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No	TOTAL SHEETS
07	LA	101	11.8/35.0	30	43
Edward Li REGISTERED CIVIL ENGINEER DATE 10/12/10					
01-10-11			PLANS APPROVAL DATE		
<small>The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.</small>					

LEGEND:

- Indicates existing.
- ⇒ Indicates direction of traffic.
- /— Indicates location of existing joint seal removal and placement of new joint seal. Prior to placement of new joint seal repair joint spalls.

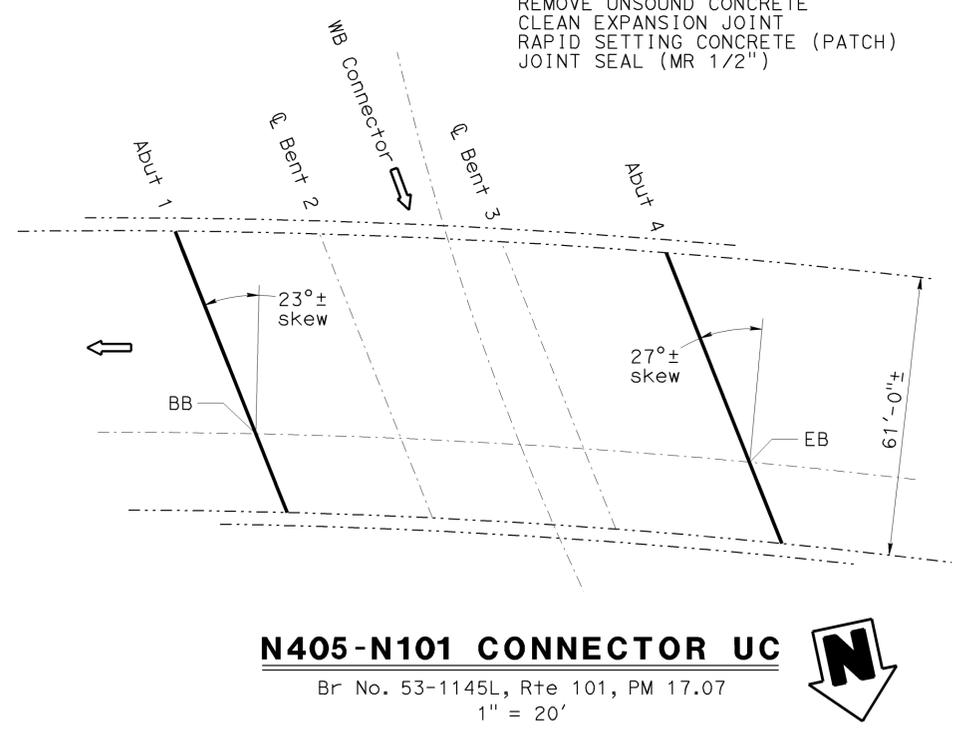
KESTER AVE UC

	QUANTITIES	BRIDGE NO 53-1375
REMOVE UNSOUND CONCRETE	3	CF
CLEAN EXPANSION JOINT	360	LF
RAPID SETTING CONCRETE (PATCH)	3	CF
JOINT SEAL (MR 1 1/2")	360	LF



N405-N101 CONNECTOR UC

	QUANTITIES	BRIDGE NO 53-1145L
REMOVE UNSOUND CONCRETE	2	CF
CLEAN EXPANSION JOINT	135	LF
RAPID SETTING CONCRETE (PATCH)	2	CF
JOINT SEAL (MR 1/2")	135	LF



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

TONY D. BRAKE DESIGN ENGINEER	DESIGN	BY Edward Li	CHECKED Vinh Dang	LOAD FACTOR DESIGN	BY Tom Dang	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF MAINTENANCE	BRIDGE NO.	ROUTE 101 BRIDGES GENERAL PLAN NO. 5
	DETAILS	BY Tom Dang	CHECKED Edward Li	LAYOUT	BY Tom Dang		STRUCTURE MAINTENANCE DESIGN	Various	
	QUANTITIES	BY Edward Li	CHECKED Vinh Dang	SPECIFICATIONS	BY Jennifer Ramirez		PLANS AND SPECS COMPARED	Jennifer Ramirez	
STRUCTURES MAINTENANCE GENERAL PLAN SHEET (ENGLISH) (REV. 10/25/05)						ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3	CU 07 EA 4Y2801	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES SHEET 05 OF 18

USERNAME => s129239 DATE PLOTTED => 13-OCT-2010 TIME PLOTTED => 12:39

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No	TOTAL SHEETS
07	LA	101	11.8/35.0	31	43
		Edward Li 10/12/10		REGISTERED CIVIL ENGINEER DATE	
		01-10-11		PLANS APPROVAL DATE	
		No. C56706		Exp. 06/30/11	
		CIVIL		STATE OF CALIFORNIA	

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ROUTE 101/405 SEPARATION QUANTITIES

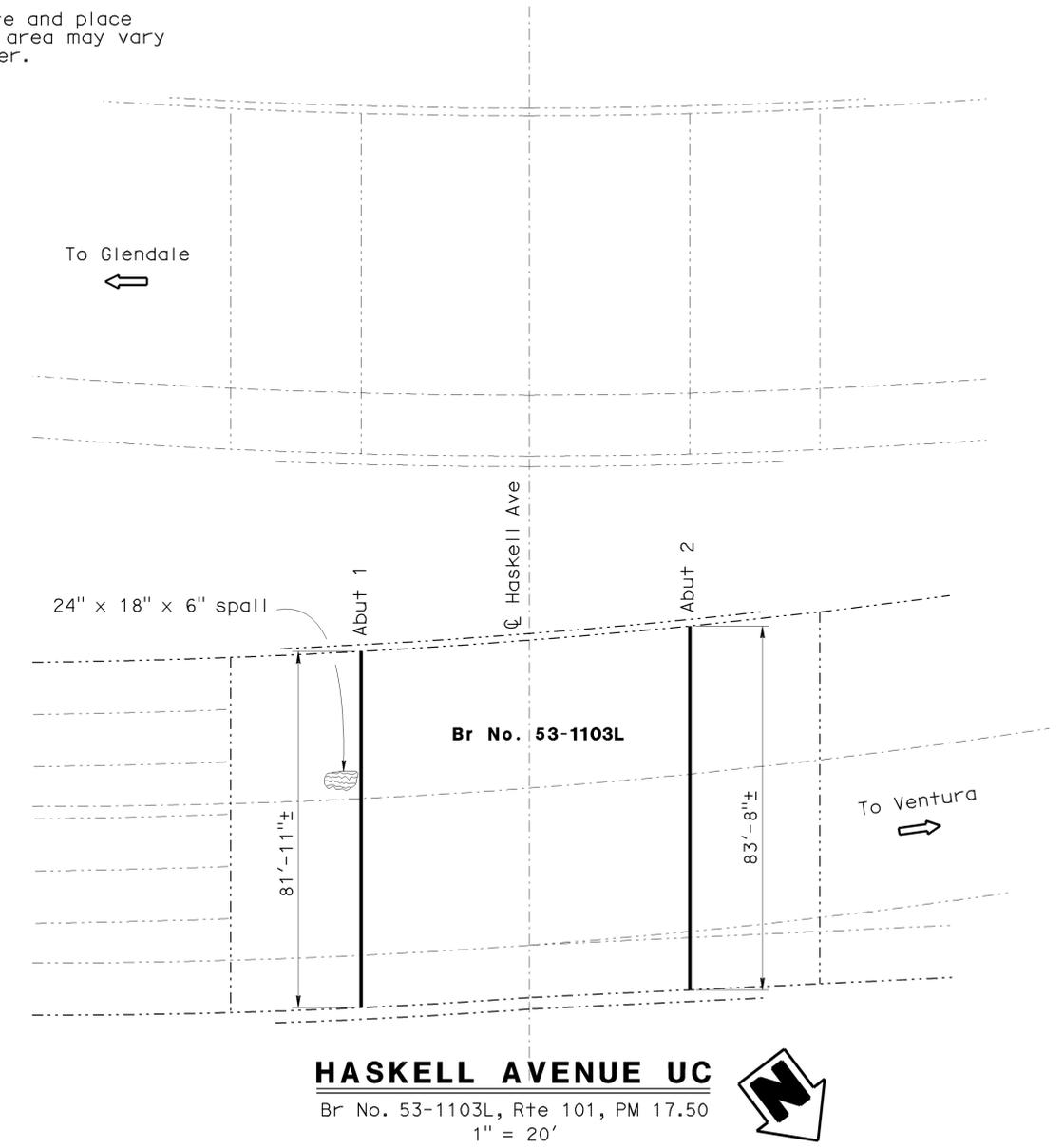
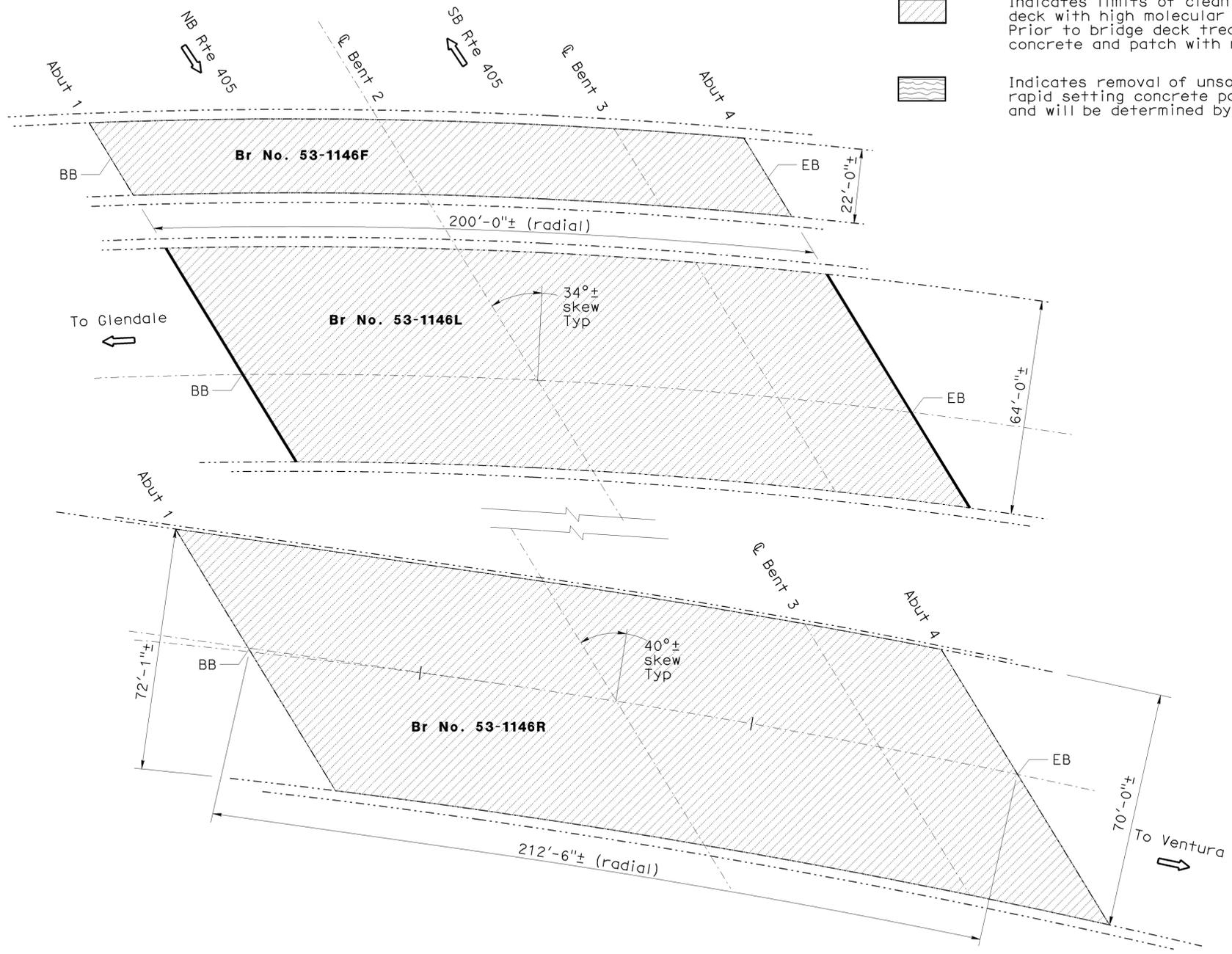
BRIDGE NO 53-1146F/L/R

REMOVE UNSOUND CONCRETE
 CLEAN BRIDGE DECK
 CLEAN EXPANSION JOINT
 RAPID SETTING CONCRETE (PATCH)
 JOINT SEAL (MR 1")
 TREAT BRIDGE DECK
 FURNISH BRIDGE DECK TREATMENT MATERIAL
 PUBLIC SAFETY PLAN

83 CF
 32,288 SQFT
 154 LF
 83 CF
 154 LF
 32,288 SQFT
 404 GAL
 LUMP SUM

LEGEND:

- Indicates existing.
- Indicates direction of traffic.
- Indicates location of existing joint seal removal and placement of new joint seal. Prior to placement of new joint seal repair joint spalls.
- Indicates limits of clean and treat existing bridge deck with high molecular weight methacrylate. Prior to bridge deck treatment, remove unsound concrete and patch with rapid setting concrete.
- Indicates removal of unsound concrete and place rapid setting concrete patch. Actual area may vary and will be determined by the Engineer.



ROUTE 101/405 SEPARATION

Br No. 53-1146F/L/R, Rte 101, PM 17.14
 NO SCALE

NOTE:
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HASKELL AVENUE UC

BRIDGE NO 53-1103L
 QUANTITIES
 REMOVE UNSOUND CONCRETE 3 CF
 CLEAN EXPANSION JOINT 166 LF
 RAPID SETTING CONCRETE (PATCH) 3 CF
 JOINT SEAL (MR 1/2") 166 LF

DESIGN	BY Edward Li	CHECKED Vinh Dang	LOAD FACTOR DESIGN	LIVE LOADING: HS20-44 AND ALTERNATIVE PERMIT DESIGN LOAD
DETAILS	BY Tom Dang	CHECKED Edward Li	LAYOUT	BY Tom Dang
QUANTITIES	BY Edward Li	CHECKED Vinh Dang	SPECIFICATIONS	BY Jennifer Ramirez

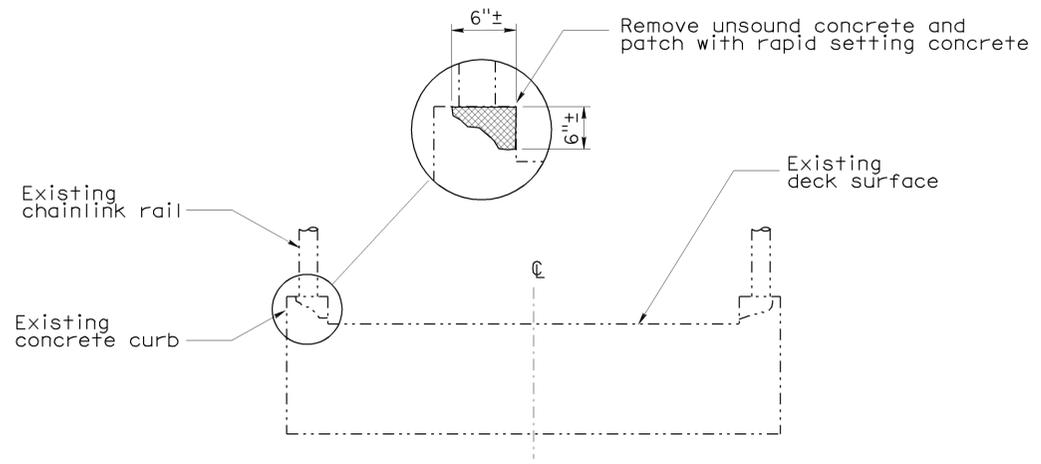
STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION

DIVISION OF MAINTENANCE
 STRUCTURE MAINTENANCE DESIGN

BRIDGE NO. Various
 POST MILE Varies

**ROUTE 101 BRIDGES
 GENERAL PLAN NO. 6**

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No	TOTAL SHEETS
07	LA	101	11.8/35.0	32	43
<i>Edward Li</i> REGISTERED CIVIL ENGINEER DATE 10/12/10					
01-10-11			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>					

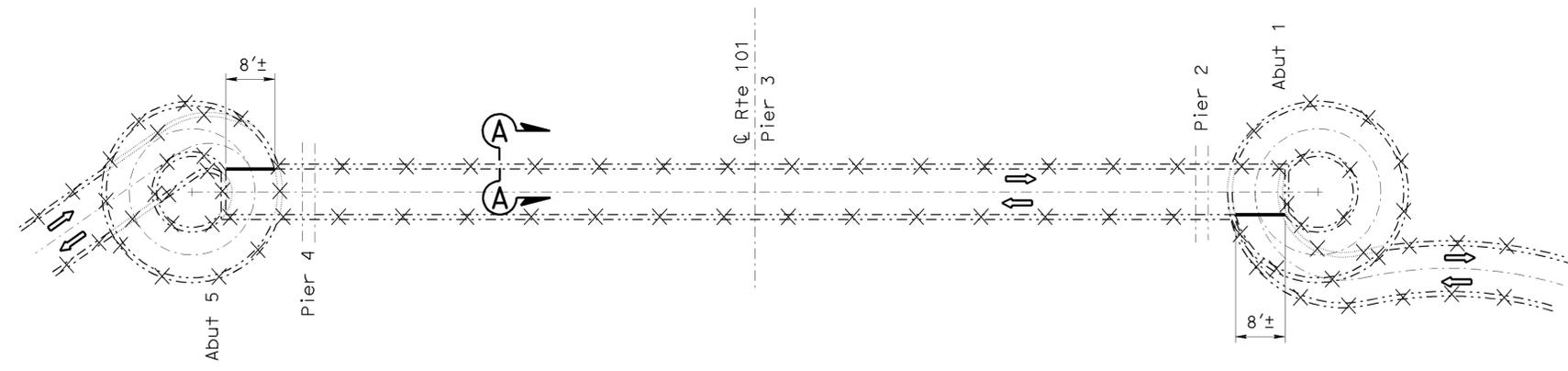


CONCRETE CURB REPAIR
NO SCALE

- LEGEND:**
- Indicates existing.
 - Indicates direction of traffic.
 - /— Indicates location of existing joint seal removal and placement of new joint seal. Prior to placement of new joint seal repair joint spalls.
 - ▨ Indicates repair spalled surface area.
 - ====X====X==== Indicates limits of remove unsound concrete and patch with rapid setting concrete along curb of chainlink railing.

CONCRETE CURB REPAIR NOTES:

- Existing reinforcement shall be protected in place during repair of spalled surface area.
- It is the responsibility of the Contractor to repair any reinforcement that is accidentally cut by sawcutting operations.
- Repair spalled surface area by exposing sound hard concrete substrate. Replace original surface with rapid setting concrete patch.



ENCINO AVENUE POC
Br No. 53-1289, Rte 101, PM 19.99
NO SCALE

CONCRETE CURB REPAIR			
BRIDGE NAME	BRIDGE NUMBER	BARRIER AREA (SQFT)	APPROX AREA DAMAGED
ENCINO AVENUE POC	53-1289	404	10%

ENCINO AVE POC	QUANTITIES	BRIDGE NO 53-1289
REMOVE UNSOUND CONCRETE	20	CF
CLEAN EXPANSION JOINT	16	LF
RAPID SETTING CONCRETE (PATCH)	20	CF
JOINT SEAL (MR 1/2")	16	LF

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

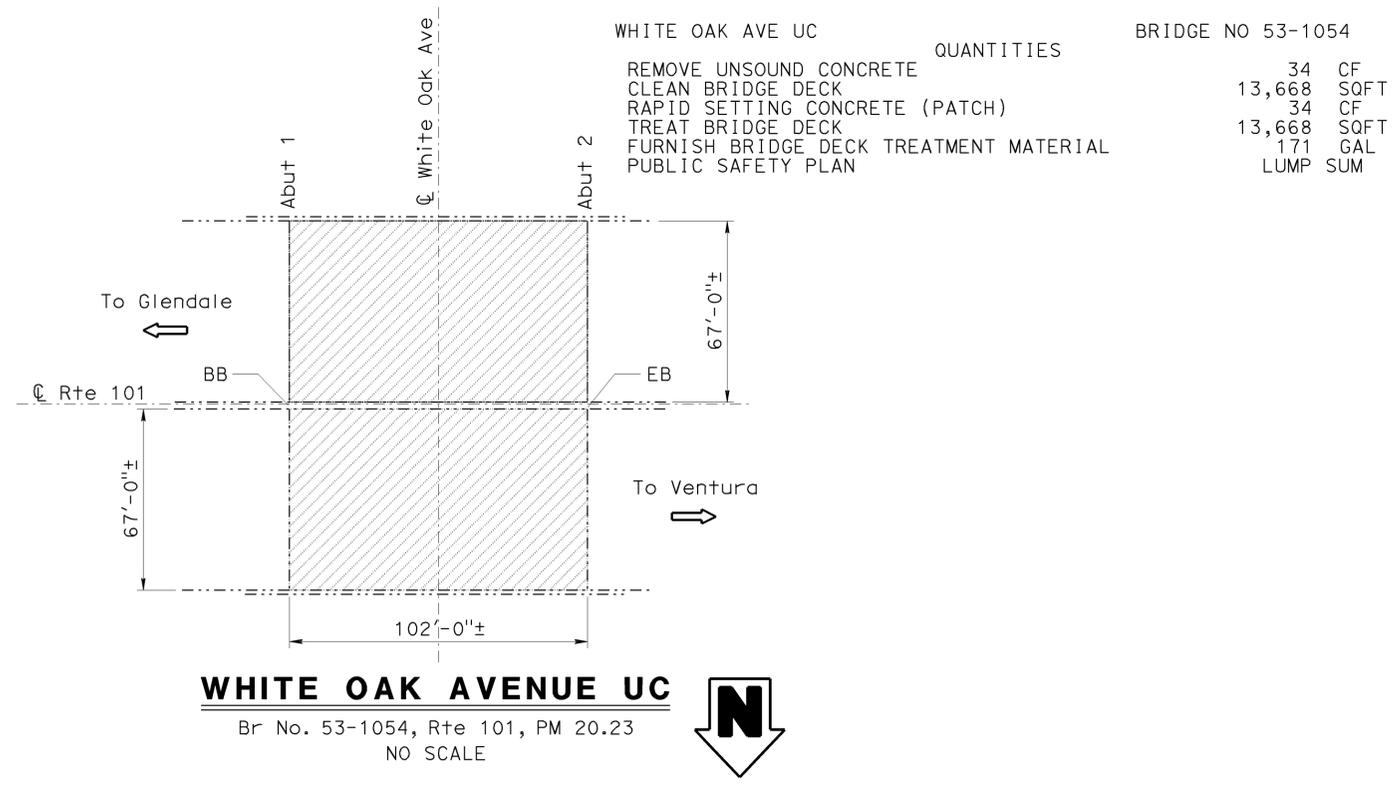
TONY D. BRAKE DESIGN ENGINEER	DESIGN	BY Edward Li	CHECKED Vinh Dang	LOAD FACTOR DESIGN	LIVE LOADING: HS20-44 AND ALTERNATIVE PERMIT DESIGN LOAD	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF MAINTENANCE STRUCTURE MAINTENANCE DESIGN	BRIDGE NO.	53-1289	ROUTE 101 BRIDGES GENERAL PLAN NO. 7				
	DETAILS	BY Tom Dang	CHECKED Edward Li	LAYOUT	BY Tom Dang			POST MILE	19.19					
	QUANTITIES	BY Edward Li	CHECKED Vinh Dang	SPECIFICATIONS	BY Jennifer Ramirez			PLANS AND SPECS COMPARED	Jennifer Ramirez					
STRUCTURES MAINTENANCE GENERAL PLAN SHEET (ENGLISH) (REV. 10/25/05)										ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	CU 07 EA 4Y2801	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES	SHEET 07 OF 18

USERNAME => s129239 DATE PLOTTED => 13-OCT-2010 TIME PLOTTED => 12:39

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No	TOTAL SHEETS
07	LA	101	11.8/35.0	33	43

Edward Li 10/12/10
 REGISTERED CIVIL ENGINEER DATE
 01-10-11
 PLANS APPROVAL DATE
 No. C56706
 Exp. 06/30/11
 CIVIL
 STATE OF CALIFORNIA

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.



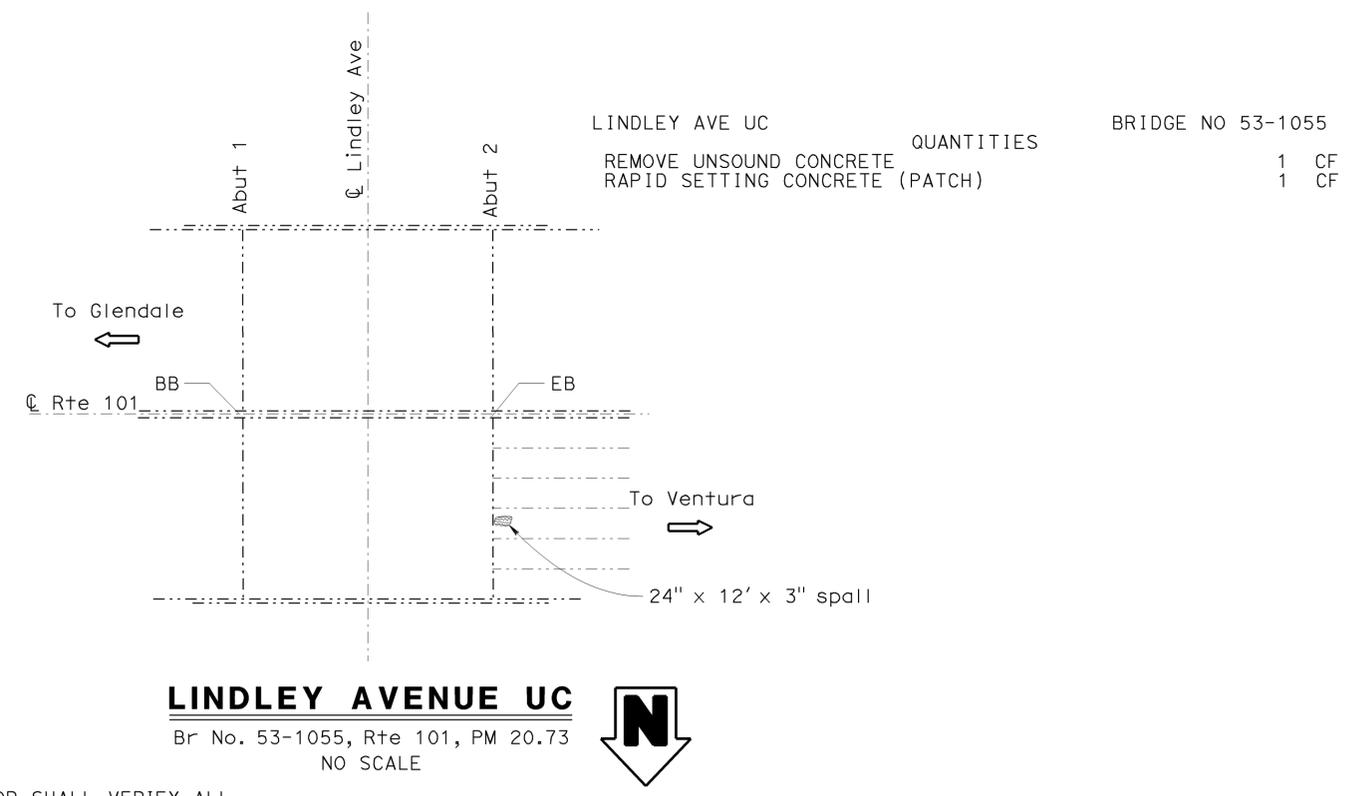
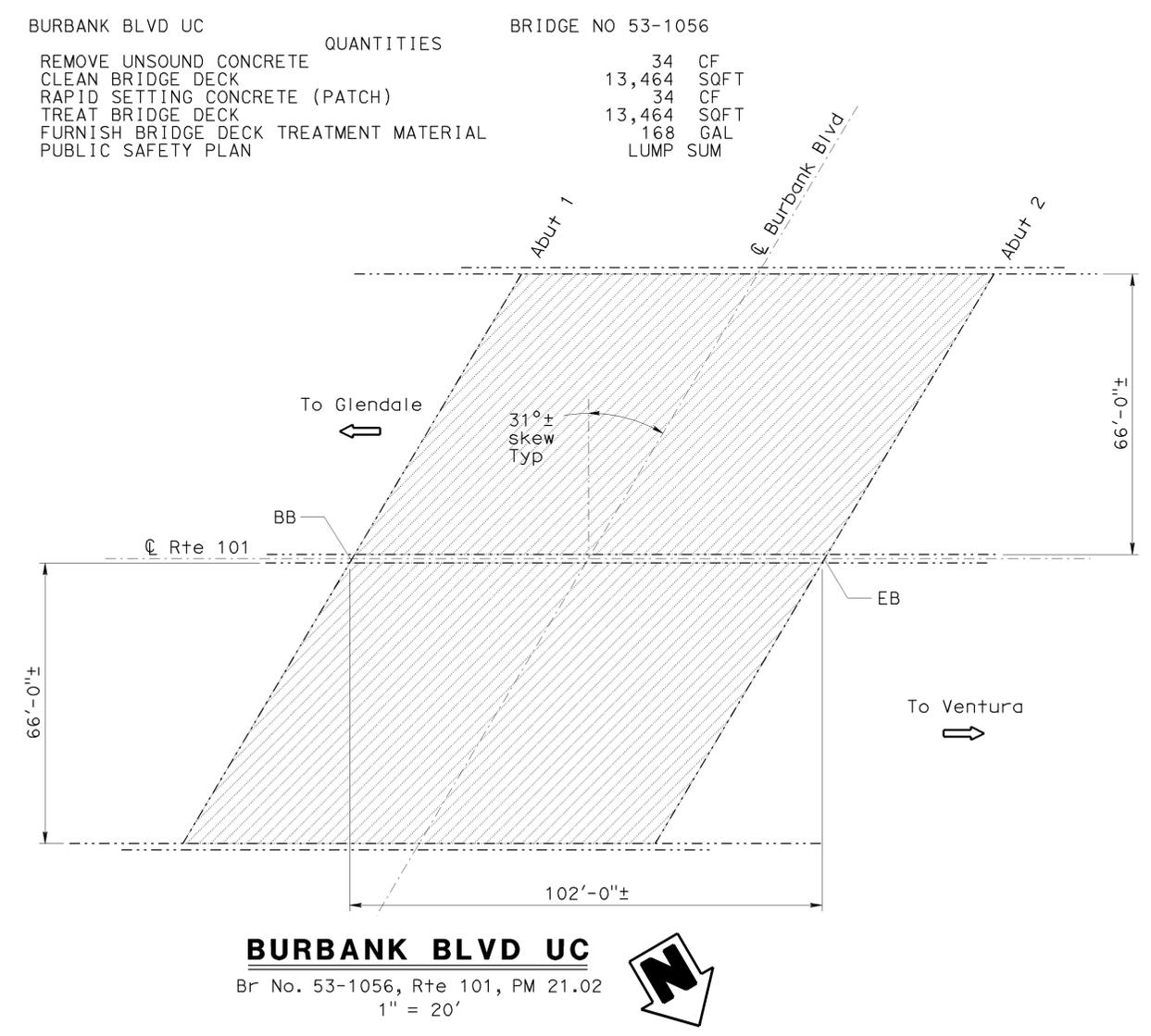
LEGEND:

----- Indicates existing.

→ Indicates direction of traffic.

Indicates removal of unsound concrete and place rapid setting concrete patch. Actual area may vary and will be determined by the Engineer.

Indicates limits of clean and treat existing bridge deck with high molecular weight methacrylate. Prior to bridge deck treatment, remove unsound concrete and patch with rapid setting concrete.



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

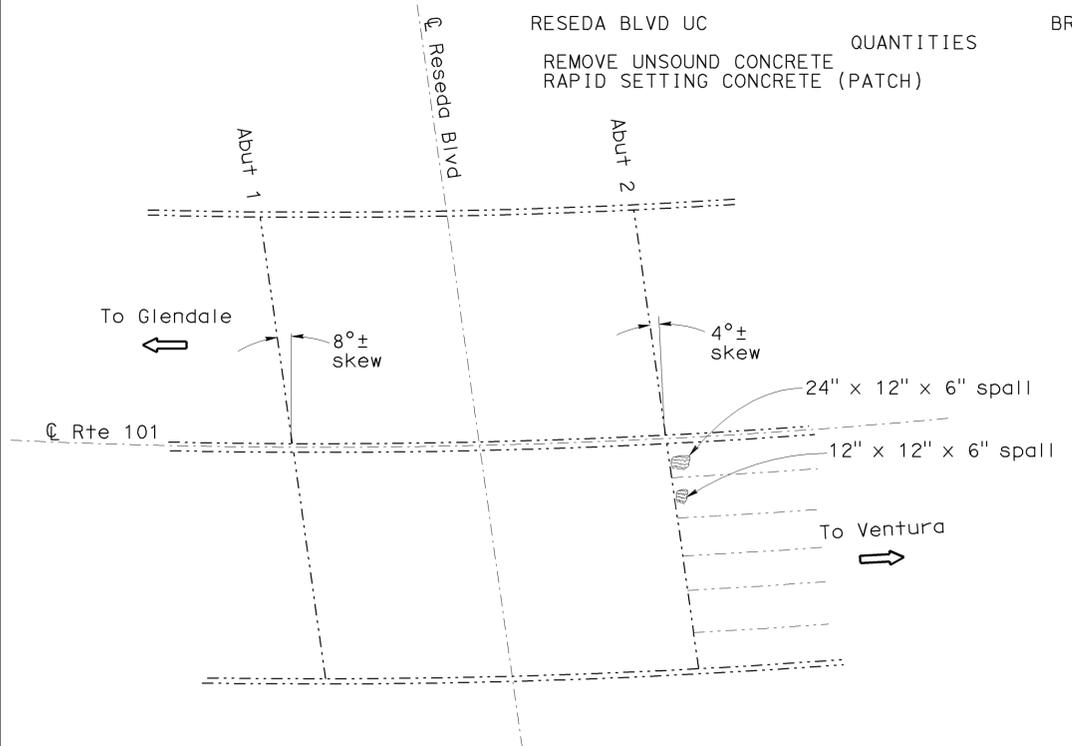
TONY D. BRAKE DESIGN ENGINEER	DESIGN	BY Edward Li	CHECKED Vinh Dang	LOAD FACTOR DESIGN	LIVE LOADING: HS20-44 AND ALTERNATIVE PERMIT DESIGN LOAD
	DETAILS	BY Tom Dang	CHECKED Edward Li	LAYOUT	BY Tom Dang
	QUANTITIES	BY Edward Li	CHECKED Vinh Dang	SPECIFICATIONS	BY Jennifer Ramirez

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF MAINTENANCE
 STRUCTURE MAINTENANCE DESIGN

BRIDGE NO. Various
 POST MILE Varies
ROUTE 101 BRIDGES
GENERAL PLAN NO. 8

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No	TOTAL SHEETS
07	LA	101	11.8/35.0	34	43

Edward Li 10/12/10
 REGISTERED CIVIL ENGINEER DATE
 01-10-11
 PLANS APPROVAL DATE
 No. C56706
 Exp. 06/30/11
 CIVIL
 STATE OF CALIFORNIA
 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.

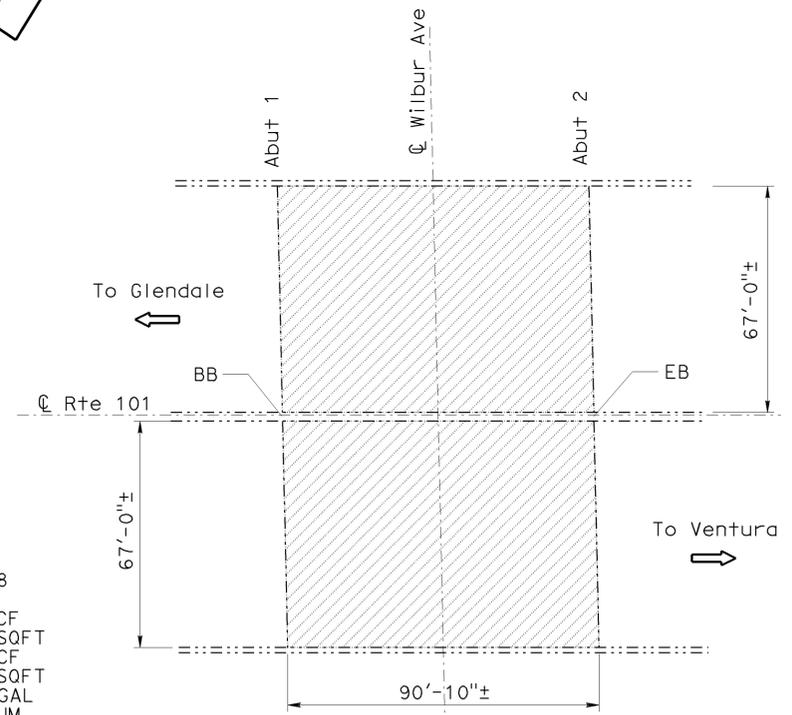


LEGEND:

- Indicates existing.
- Indicates direction of traffic.
- [Wavy lines] Indicates removal of unsound concrete and place rapid setting concrete patch. Actual area may vary and will be determined by the Engineer.
- [Hatched box] Indicates limits of clean and treat existing bridge deck with high molecular weight methacrylate. Prior to bridge deck treatment, remove unsound concrete and patch with rapid setting concrete.

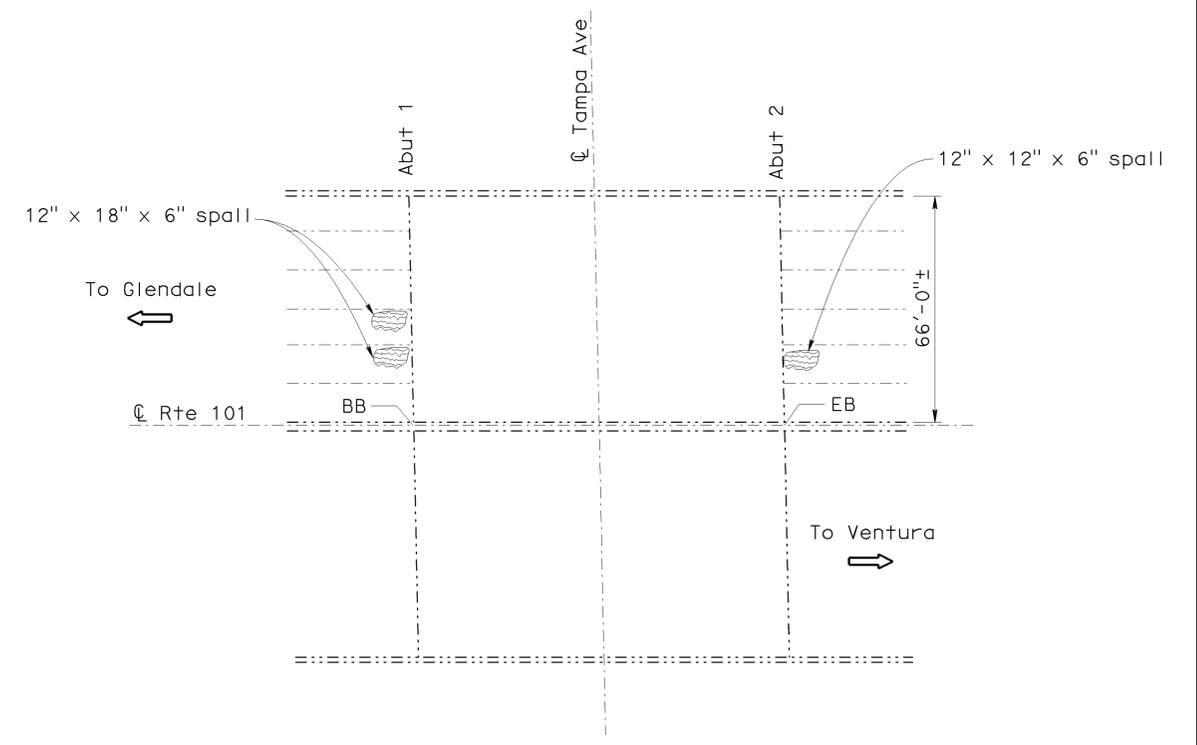
RESEDA BLVD UC

Br No. 53-1057, Rte 101, PM 21.25
 NO SCALE



WILBUR AVENUE UC

Br No. 53-1058, Rte 101, PM 21.76
 NO SCALE



TAMPA AVENUE UC

Br No. 53-1059, Rte 101, PM 22.25
 NO SCALE



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

TONY D. BRAKE DESIGN ENGINEER	DESIGN	BY Edward Li	CHECKED Vinh Dang	LOAD FACTOR DESIGN	LIVE LOADING: HS20-44 AND ALTERNATIVE PERMIT DESIGN LOAD
	DETAILS	BY Tom Dang	CHECKED Edward Li	LAYOUT	BY Tom Dang
	QUANTITIES	BY Edward Li	CHECKED Vinh Dang	SPECIFICATIONS	BY Jennifer Ramirez

STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF MAINTENANCE STRUCTURE MAINTENANCE DESIGN	BRIDGE NO. Various POST MILE Varies
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ROUTE 101 BRIDGES GENERAL PLAN NO. 9		REVISION DATES	SHEET 09 OF 18
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DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No	TOTAL SHEETS
07	LA	101	11.8/35.0	35	43
<i>Edward Li</i> REGISTERED CIVIL ENGINEER DATE 10/12/10			No. C56706 Exp. 06/30/11 CIVIL		
01-10-11			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>					

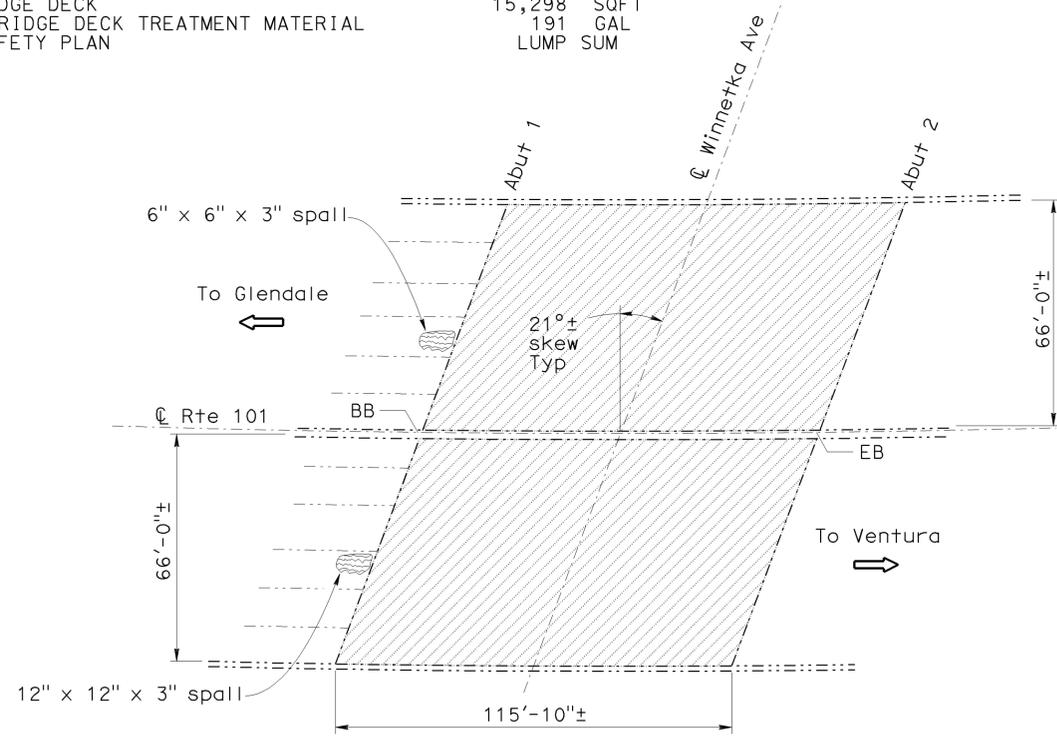
LEGEND:

- Indicates existing.
- ➔ Indicates direction of traffic.
-  Indicates removal of unsound concrete and place rapid setting concrete patch. Actual area may vary and will be determined by the Engineer.
-  Indicates limits of clean and treat existing bridge deck with high molecular weight methacrylate. Prior to bridge deck treatment, remove unsound concrete and patch with rapid setting concrete.

WINNETKA AVE UC

BRIDGE NO 53-1061

	QUANTITIES		
REMOVE UNSOUND CONCRETE		39	CF
CLEAN BRIDGE DECK		15,298	SQFT
RAPID SETTING CONCRETE (PATCH)		39	CF
TREAT BRIDGE DECK		15,298	SQFT
FURNISH BRIDGE DECK TREATMENT MATERIAL		191	GAL
PUBLIC SAFETY PLAN			LUMP SUM



WINNETKA AVENUE UC

Br No. 53-1061, Rte 101, PM 23.26
NO SCALE

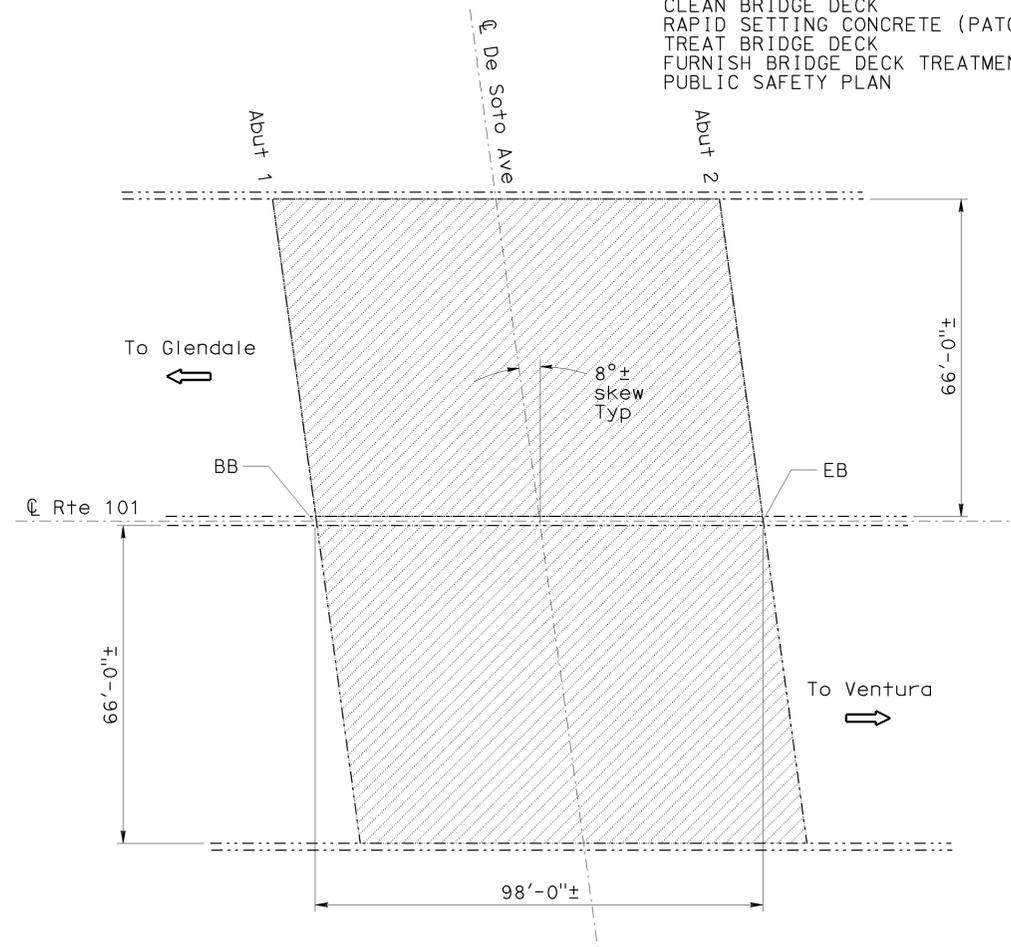


DE SOTO AVE UC

QUANTITIES

BRIDGE NO 53-1062

REMOVE UNSOUND CONCRETE		33	CF
CLEAN BRIDGE DECK		12,936	SQFT
RAPID SETTING CONCRETE (PATCH)		33	CF
TREAT BRIDGE DECK		12,936	SQFT
FURNISH BRIDGE DECK TREATMENT MATERIAL		162	GAL
PUBLIC SAFETY PLAN			LUMP SUM



DE SOTO AVENUE UC

Br No. 53-1062, Rte 101, PM 24.31
1" = 20'



NOTE:
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TONY D. BRAKE DESIGN ENGINEER	DESIGN	BY Edward Li	CHECKED Vinh Dang	LOAD FACTOR DESIGN	LIVE LOADING: HS20-44 AND ALTERNATIVE PERMIT DESIGN LOAD
	DETAILS	BY Tom Dang	CHECKED Edward Li	LAYOUT	BY Tom Dang
	QUANTITIES	BY Edward Li	CHECKED Vinh Dang	SPECIFICATIONS	BY Jennifer Ramirez
					CHECKED Edward Li PLANS AND SPECS COMPARED Jennifer Ramirez

STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	BRIDGE NO.	Various
	POST MILE	Varies
	DIVISION OF MAINTENANCE STRUCTURE MAINTENANCE DESIGN	

ROUTE 101 BRIDGES GENERAL PLAN NO. 10	
REVISION DATES	
SHEET	OF
10	18

USERNAME => s129239 DATE PLOTTED => 13-OCT-2010 TIME PLOTTED => 12:39

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No	TOTAL SHEETS
07	LA	101	11.8/35.0	36	43
<i>Edward Li</i> REGISTERED CIVIL ENGINEER DATE 10/12/10					
01-10-11			PLANS APPROVAL DATE		
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LEGEND:

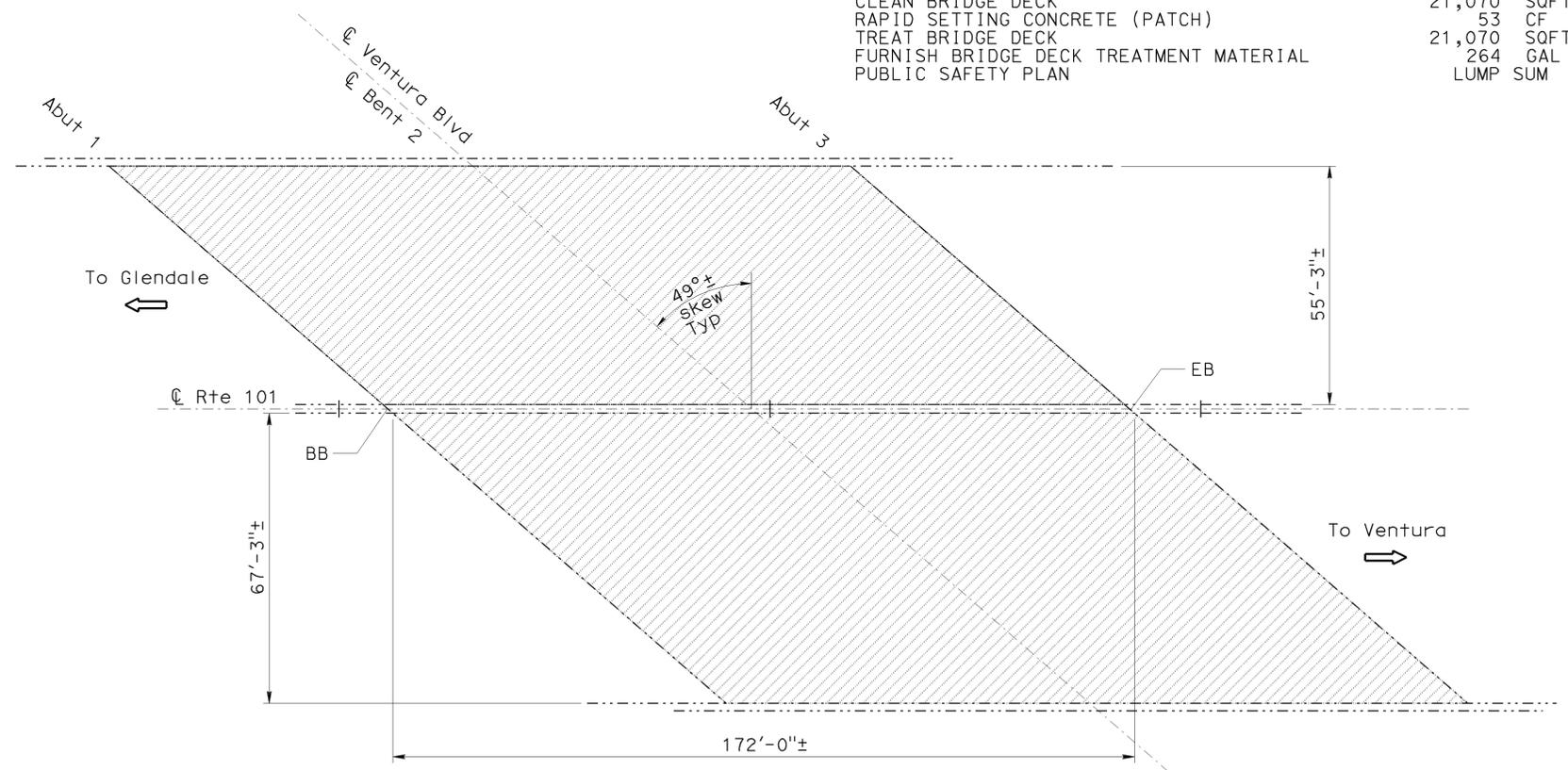
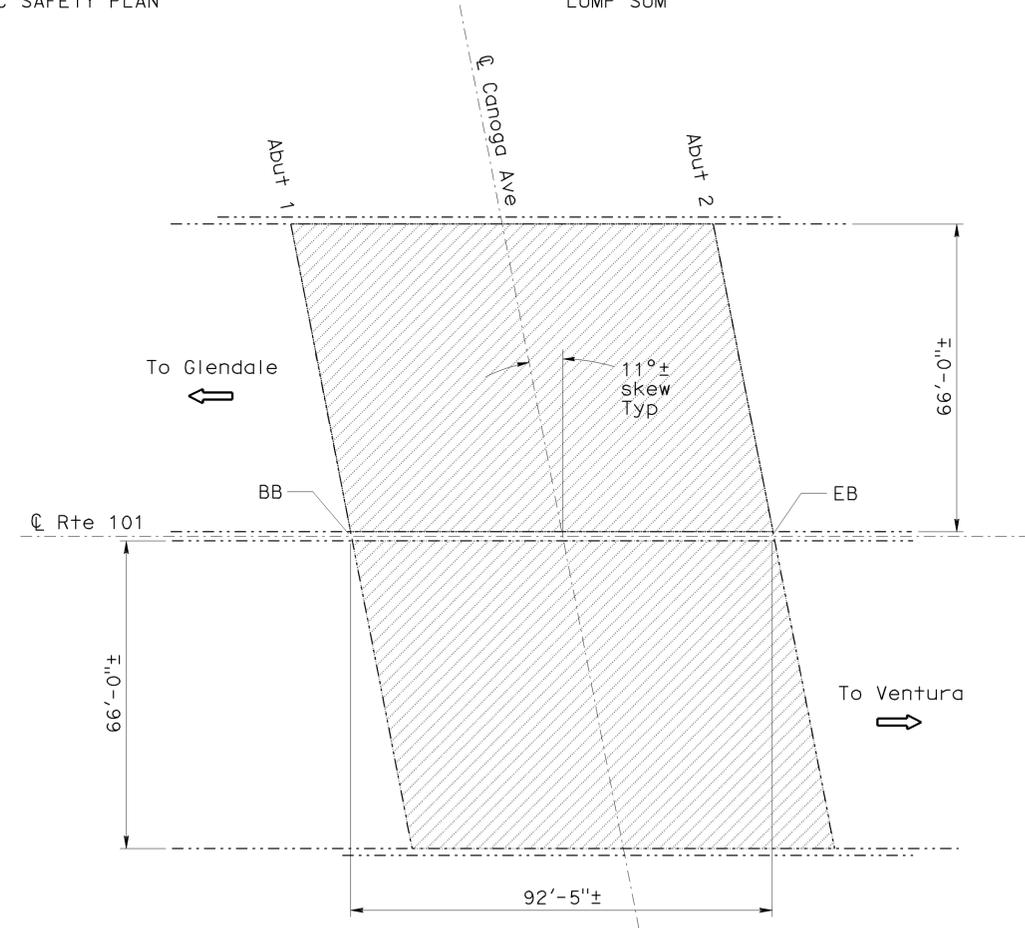
- Indicates existing.
- ➔ Indicates direction of traffic.
- Indicates limits of clean and treat existing bridge deck with high molecular weight methacrylate. Prior to bridge deck treatment, remove unsound concrete and patch with rapid setting concrete.

CANOGA AVE UC BRIDGE NO 53-1063

REMOVE UNSOUND CONCRETE	31	CF
CLEAN BRIDGE DECK	12,210	SQFT
RAPID SETTING CONCRETE (PATCH)	31	CF
TREAT BRIDGE DECK	12,210	SQFT
FURNISH BRIDGE DECK TREATMENT MATERIAL	153	GAL
PUBLIC SAFETY PLAN		LUMP SUM

VENTURA BLVD UC BRIDGE NO 53-1065

REMOVE UNSOUND CONCRETE	53	CF
CLEAN BRIDGE DECK	21,070	SQFT
RAPID SETTING CONCRETE (PATCH)	53	CF
TREAT BRIDGE DECK	21,070	SQFT
FURNISH BRIDGE DECK TREATMENT MATERIAL	264	GAL
PUBLIC SAFETY PLAN		LUMP SUM



CANOGA AVENUE UC
 Br No. 53-1063, Rte 101, PM 24.85
 1" = 20'

VENTURA BLVD UC
 Br No. 53-1065, Rte 101, PM 25.76
 1" = 20'

NOTE:
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TONY D. BRAKE DESIGN ENGINEER	DESIGN	BY Edward Li	CHECKED Vinh Dang	LOAD FACTOR DESIGN	LIVE LOADING: HS20-44 AND ALTERNATIVE PERMIT DESIGN LOAD	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF MAINTENANCE STRUCTURE MAINTENANCE DESIGN	BRIDGE NO.	Various	ROUTE 101 BRIDGES GENERAL PLAN NO. 11	SHEET 11 OF 18
	DETAILS	BY Tom Dang	CHECKED Edward Li	LAYOUT	BY Tom Dang			POST MILE	Varies		
	QUANTITIES	BY Edward Li	CHECKED Vinh Dang	SPECIFICATIONS	BY Jennifer Ramirez			PLANS AND SPECS COMPARED	Jennifer Ramirez		
STRUCTURES MAINTENANCE GENERAL PLAN SHEET (ENGLISH) (REV. 10/25/05) ORIGINAL SCALE IN INCHES FOR REDUCED PLANS											
						CU 07 EA 4Y2801	DISREGARD PRINTS BEARING EARLIER REVISION DATES		REVISION DATES		

USERNAME => s129239 DATE PLOTTED => 13-OCT-2010 TIME PLOTTED => 12:40

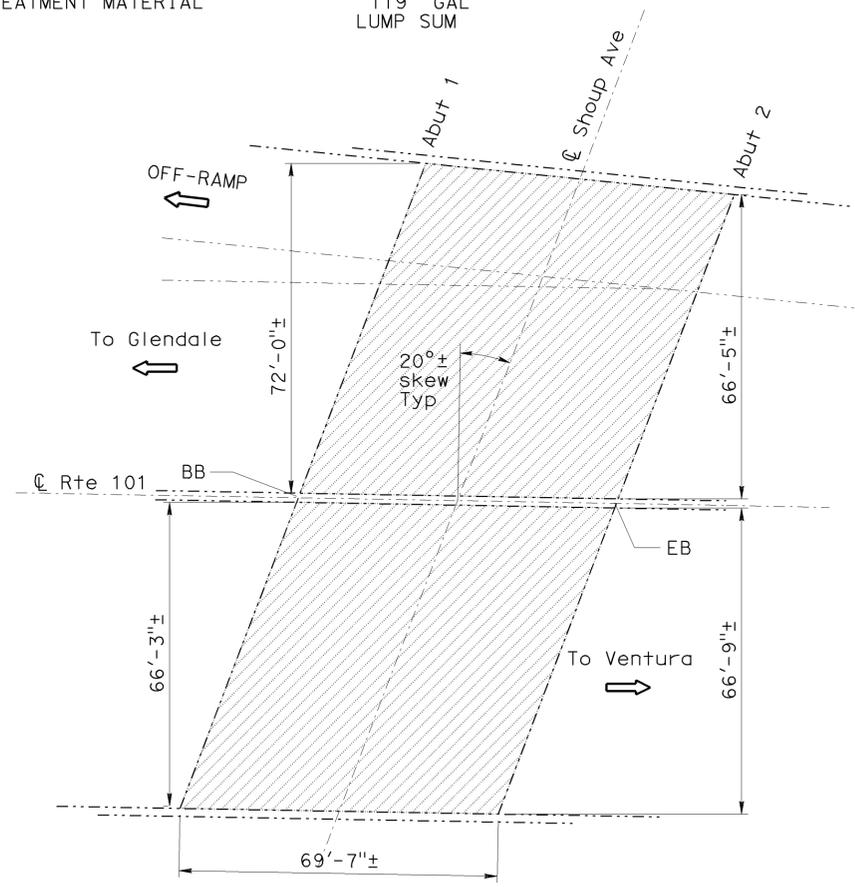
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No	TOTAL SHEETS
07	LA	101	11.8/35.0	37	43
<i>Edward Li</i> REGISTERED CIVIL ENGINEER DATE 10/12/10					
01-10-11			PLANS APPROVAL DATE		
<small>The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.</small>					

LEGEND:

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- ⇒ Indicates direction of traffic.
- /— Indicates location of existing joint seal removal and placement of new joint seal. Prior to placement of new joint seal repair joint spalls.
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SHOUP AVE UC BRIDGE NO 53-1095

REMOVE UNSOUND CONCRETE	24	CF
CLEAN BRIDGE DECK	9,516	SQFT
RAPID SETTING CONCRETE (PATCH)	24	CF
TREAT BRIDGE DECK	9,516	SQFT
FURNISH BRIDGE DECK TREATMENT MATERIAL	119	GAL
PUBLIC SAFETY PLAN		LUMP SUM

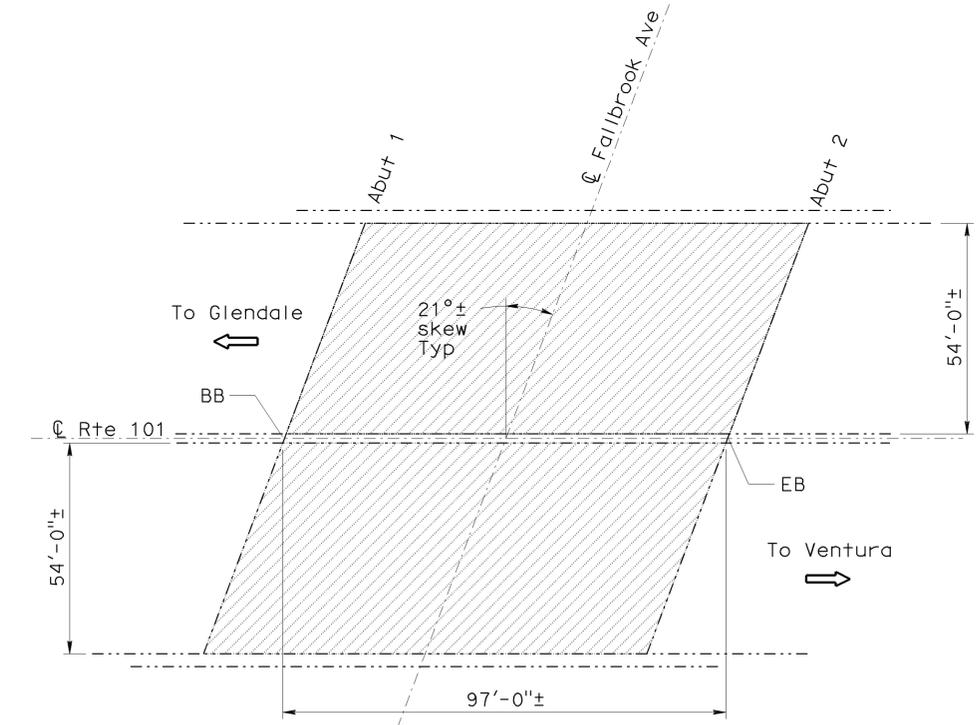


SHOUP AVENUE UC
 Br No. 53-1095, Rte 101, PM 25.88
 1" = 20'



FALLBROOK AVE UC BRIDGE NO 53-1066

REMOVE UNSOUND CONCRETE	26	CF
CLEAN BRIDGE DECK	10,476	SQFT
RAPID SETTING CONCRETE (PATCH)	26	CF
TREAT BRIDGE DECK	10,476	SQFT
FURNISH BRIDGE DECK TREATMENT MATERIAL	131	GAL
PUBLIC SAFETY PLAN		LUMP SUM



FALLBROOK AVENUE UC
 Br No. 53-1066, Rte 101, PM 26.45
 NO SCALE



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

TONY D. BRAKE DESIGN ENGINEER	DESIGN	BY Edward Li	CHECKED Vinh Dang	LOAD FACTOR DESIGN	LIVE LOADING: HS20-44 AND ALTERNATIVE PERMIT DESIGN LOAD	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF MAINTENANCE STRUCTURE MAINTENANCE DESIGN	BRIDGE NO.	Various	ROUTE 101 BRIDGES GENERAL PLAN NO. 12
	DETAILS	BY Tom Dang	CHECKED Edward Li	LAYOUT	BY Tom Dang			POST MILE	Varies	
	QUANTITIES	BY Edward Li	CHECKED Vinh Dang	SPECIFICATIONS	BY Jennifer Ramirez			PLANS AND SPECS COMPARED	Jennifer Ramirez	
STRUCTURES MAINTENANCE GENERAL PLAN SHEET (ENGLISH) (REV. 10/25/05)						ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	CU 07 EA 4Y2801	DISREGARD PRINTS BEARING EARLIER REVISION DATES	7-21-10	SHEET 12 OF 18

USERNAME => s129239 DATE PLOTTED => 13-OCT-2010 TIME PLOTTED => 12:40

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No	TOTAL SHEETS
07	LA	101	11.8/35.0	38	43

Edward Li 10/12/10
REGISTERED CIVIL ENGINEER DATE

01-10-11
PLANS APPROVAL DATE

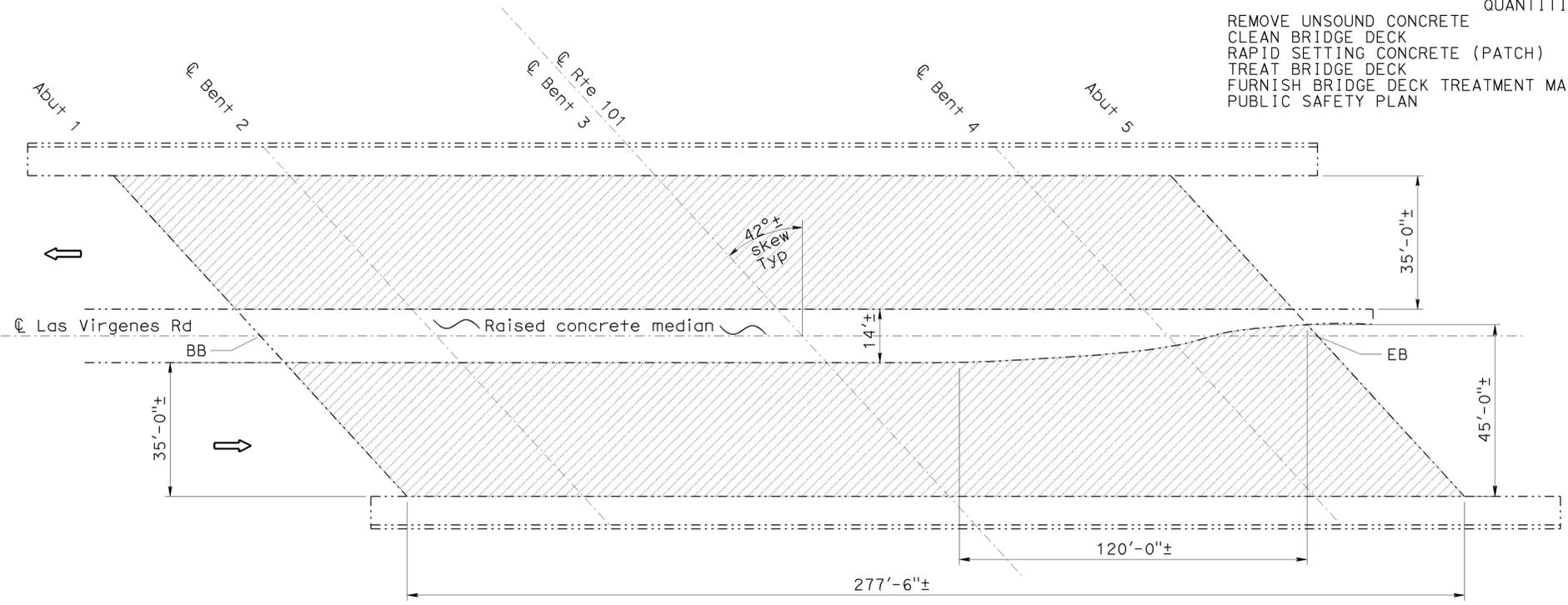
No. C56706
Exp. 06/30/11
CIVIL

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LAS VIRGENES CANYON ROAD OC
QUANTITIES

REMOVE UNSOUND CONCRETE 50 CF
CLEAN BRIDGE DECK 19,845 SQFT
RAPID SETTING CONCRETE (PATCH) 50 CF
TREAT BRIDGE DECK 19,845 SQFT
FURNISH BRIDGE DECK TREATMENT MATERIAL 248 GAL
PUBLIC SAFETY PLAN LUMP SUM

BRIDGE NO 53-1442



LAS VIRGENES CANYON ROAD OC

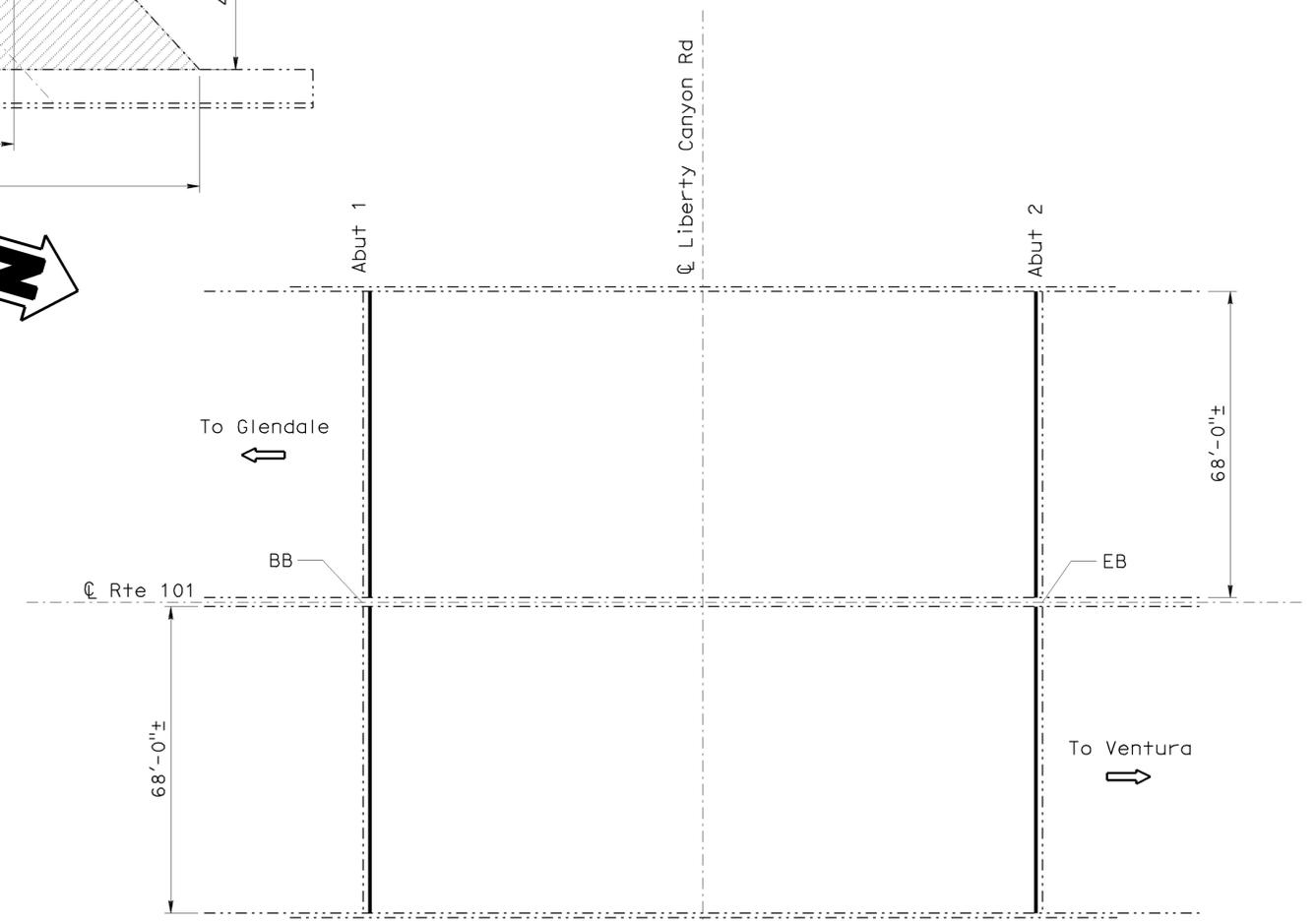
Br No. 53-1442, Rte 101, PM 31.05
NO SCALE



LIBERTY CANYON UC
QUANTITIES

REMOVE UNSOUND CONCRETE 2 CF
CLEAN EXPANSION JOINT 272 LF
RAPID SETTING CONCRETE (PATCH) 2 CF
JOINT SEAL (MR 1 1/2") 272 LF

BRIDGE NO 53-1731



LIBERTY CANYON ROAD UC

Br No. 53-1731, Rte 101, PM 32.78
1" = 20'



LEGEND:

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- Indicates direction of traffic.
- / Indicates location of existing joint seal removal and placement of new joint seal. Prior to placement of new joint seal repair joint spalls.
- ▨ Indicates limits of clean and treat existing bridge deck with high molecular weight methacrylate. Prior to bridge deck treatment, remove unsound concrete and patch with rapid setting concrete.

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

TONY D. BRAKE DESIGN ENGINEER	DESIGN	BY Edward Li	CHECKED Vinh Dang	LOAD FACTOR DESIGN	LIVE LOADING: HS20-44 AND ALTERNATIVE PERMIT DESIGN LOAD	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF MAINTENANCE STRUCTURE MAINTENANCE DESIGN	BRIDGE NO.	Various	ROUTE 101 BRIDGES GENERAL PLAN NO. 13	
	DETAILS	BY Tom Dang	CHECKED Edward Li	LAYOUT	BY Tom Dang			CHECKED Edward Li			POST MILE
	QUANTITIES	BY Edward Li	CHECKED Vinh Dang	SPECIFICATIONS	BY Jennifer Ramirez			PLANS AND SPECS COMPARED Jennifer Ramirez			VARIES
STRUCTURES MAINTENANCE GENERAL PLAN SHEET (ENGLISH) (REV. 10/25/05)						ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	CU 07 EA 4Y2801	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES	SHEET 13 OF 18	

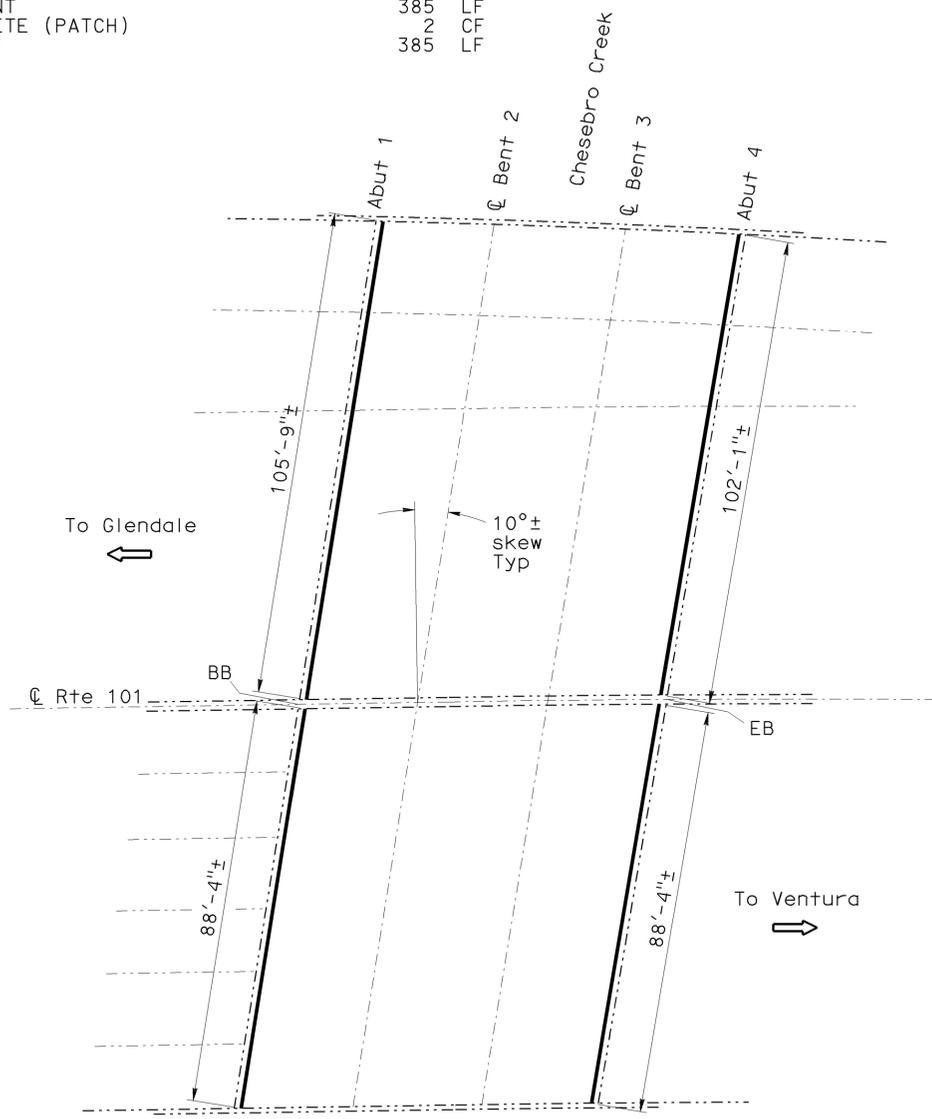
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No	TOTAL SHEETS
07	LA	101	11.8/35.0	39	43
<i>Edward Li</i> REGISTERED CIVIL ENGINEER DATE 10/12/10					
01-10-11			PLANS APPROVAL DATE		
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LEGEND:

- Indicates existing.
- ➔ Indicates direction of traffic.
- /— Indicates location of existing joint seal removal and placement of new joint seal. Prior to placement of new joint seal repair joint spalls.

CHESEBRO CREEK BRIDGE NO 53-0755

QUANTITIES		
REMOVE UNSOUND CONCRETE	2	CF
CLEAN EXPANSION JOINT	385	LF
RAPID SETTING CONCRETE (PATCH)	2	CF
JOINT SEAL (MR 1/2")	385	LF

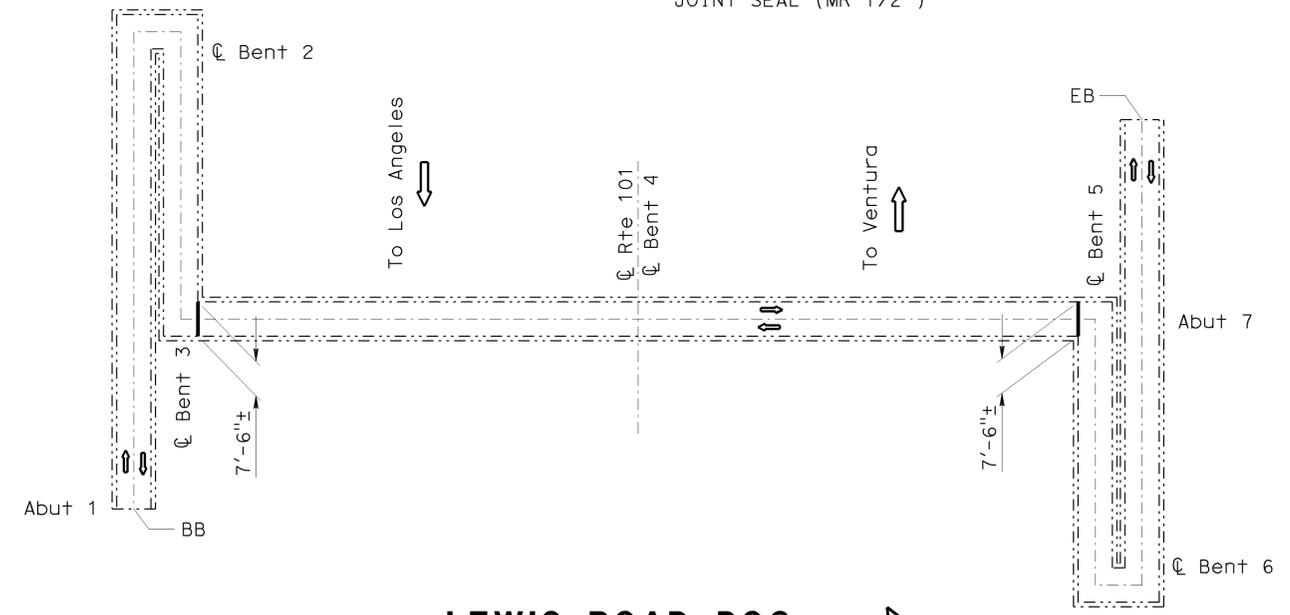


CHESEBRO CREEK
 Br No. 53-0755, Rte 101, PM 33.91
 1" = 20'

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

LEWIS ROAD POC BRIDGE NO 53-0998

QUANTITIES		
REMOVE UNSOUND CONCRETE	1	CF
CLEAN EXPANSION JOINT	15	LF
RAPID SETTING CONCRETE (PATCH)	1	CF
JOINT SEAL (MR 1/2")	15	LF



LEWIS ROAD POC
 Br No. 53-0998, Rte 101, PM 33.99
 1" = 20'

TONY D. BRAKE DESIGN ENGINEER	DESIGN	BY Edward Li	CHECKED Vinh Dang	LOAD FACTOR DESIGN	LIVE LOADING: HS20-44 AND ALTERNATIVE PERMIT DESIGN LOAD	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF MAINTENANCE STRUCTURE MAINTENANCE DESIGN	BRIDGE NO.	Various	ROUTE 101 BRIDGES GENERAL PLAN NO. 14	
	DETAILS	BY Tom Dang	CHECKED Edward Li	LAYOUT	BY Tom Dang			CHECKED Edward Li	POST MILE		Varies
	QUANTITIES	BY Edward Li	CHECKED Vinh Dang	SPECIFICATIONS	BY Jennifer Ramirez			PLANS AND SPECS COMPARED	Jennifer Ramirez		REVISION DATES
STRUCTURES MAINTENANCE GENERAL PLAN SHEET (ENGLISH) (REV. 10/25/05)						ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	0 1 2 3	CU 07 EA 4Y2801	DISREGARD PRINTS BEARING EARLIER REVISION DATES	SHEET 14 OF 18	

USERNAME => s129239 DATE PLOTTED => 13-OCT-2010 TIME PLOTTED => 12:40

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No	TOTAL SHEETS
07	LA	101	11.8/35.0	40	43

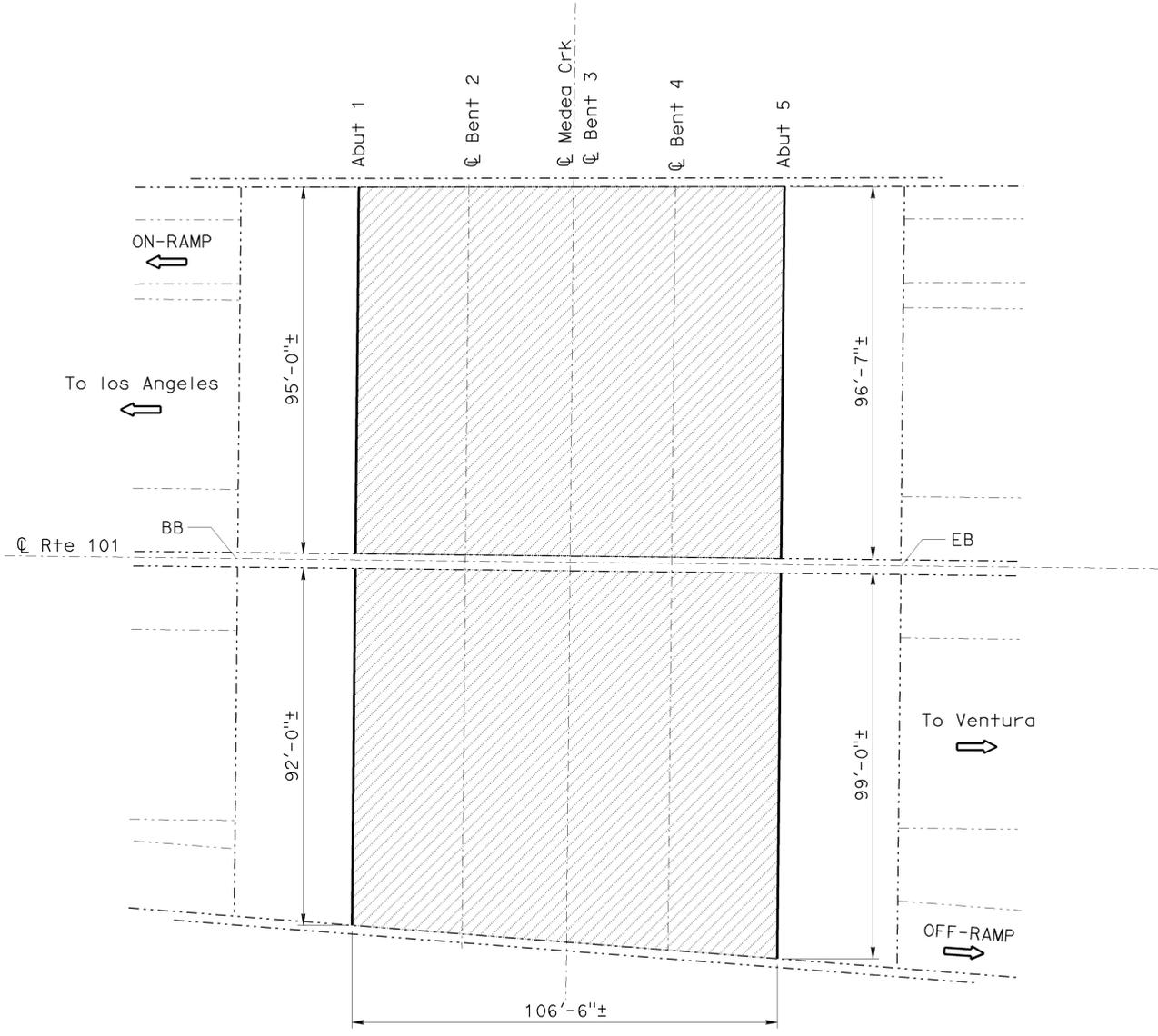
Edward Li 10/12/10
 REGISTERED CIVIL ENGINEER DATE
 01-10-11
 PLANS APPROVAL DATE
 No. C56706
 Exp. 06/30/11
 CIVIL
 STATE OF CALIFORNIA
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MEDEA CREEK BRIDGE NO 53-0002

QUANTITIES		
REMOVE UNSOUND CONCRETE	53	CF
CLEAN BRIDGE DECK	20,374	SQFT
CLEAN EXPANSION JOINT	383	LF
RAPID SETTING CONCRETE (PATCH)	53	CF
JOINT SEAL (MR 1/2")	383	LF
TREAT BRIDGE DECK	20,374	SQFT
FURNISH BRIDGE DECK TREATMENT MATERIAL	255	GAL
PUBLIC SAFETY PLAN		LUMP SUM

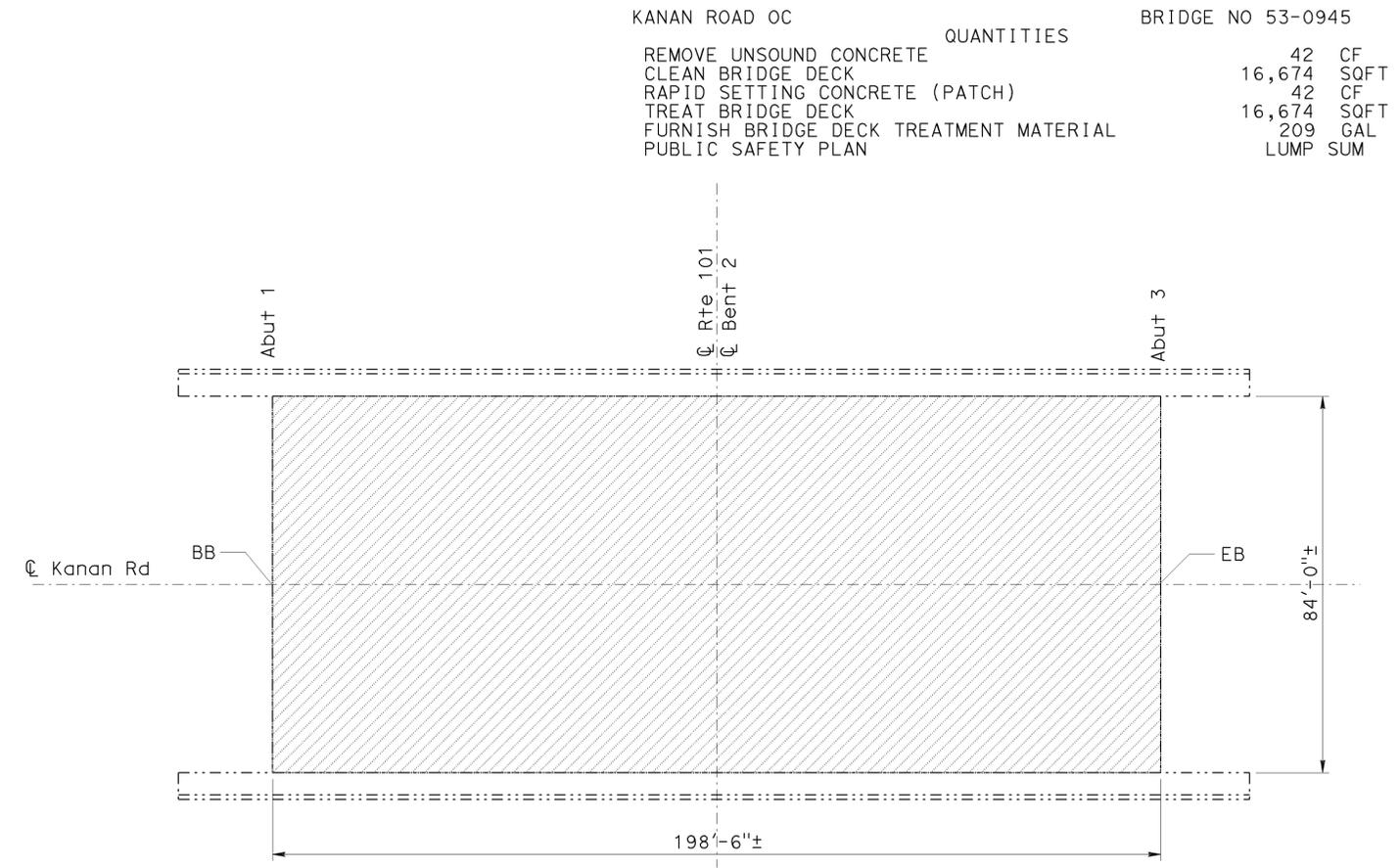
LEGEND:

- Indicates existing.
- ⇒ Indicates direction of traffic.
- /— Indicates location of existing joint seal removal and placement of new joint seal. Prior to placement of new joint seal repair joint spalls.
- ▨ Indicates limits of clean and treat existing bridge deck with high molecular weight methacrylate. Prior to bridge deck treatment, remove unsound concrete and patch with rapid setting concrete.



MEDEA CREEK
 Br No. 53-0002, Rte 101, PM 34.82
 NO SCALE

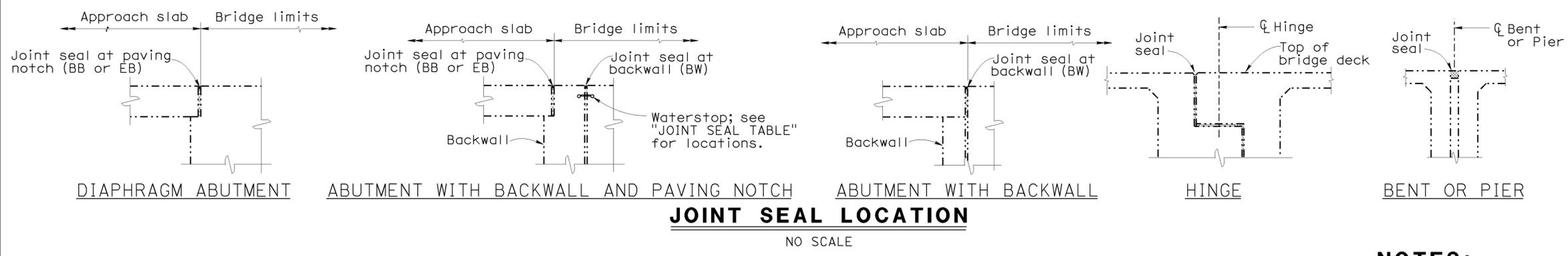
NOTE:
 THE CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.



KANAN ROAD OC
 Br No. 53-0945, Rte 101, PM 35.04
 1" = 20'

TONY D. BRAKE DESIGN ENGINEER	DESIGN	BY Edward Li	CHECKED Vinh Dang	LOAD FACTOR DESIGN	LIVE LOADING: HS20-44 AND ALTERNATIVE PERMIT DESIGN LOAD	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF MAINTENANCE STRUCTURE MAINTENANCE DESIGN	BRIDGE NO.	ROUTE 101 BRIDGES GENERAL PLAN NO. 15	
	DETAILS	BY Tom Dang	CHECKED Edward Li	LAYOUT	BY Tom Dang			CHECKED Edward Li		POST MILE
	QUANTITIES	BY Edward Li	CHECKED Vinh Dang	SPECIFICATIONS	BY Jennifer Ramirez			PLANS AND SPECS COMPARED Jennifer Ramirez		Varies

STRUCTURES MAINTENANCE GENERAL PLAN SHEET (ENGLISH) (REV. 10/25/05) ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3 CU 07 EA 4Y2801 DISREGARD PRINTS BEARING EARLIER REVISION DATES



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:

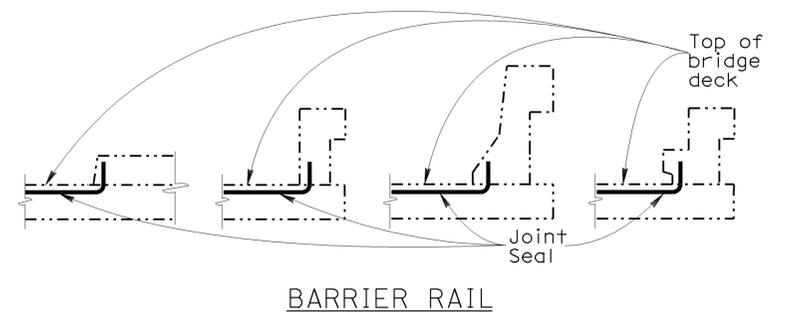
- 1) Seal must satisfy both minimum Movement Rating (MR) and minimum W1 requirements.
- 2) Minimum W1 is the calculated maximum width of the joint based on field measurements. After the joints have been cleaned, minimum W1 is to be recalculated by the Engineer.
- 3) W1 shall be the smaller of the values 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 TO CLEAN EXP JOINT (INCHES)	APPROX DEPTH OF JOINT SPALLS (INCHES)	APPROX WIDTH OF JOINT SPALLS (INCHES)	APPROX LENGTH OF JOINT SPALLS (FEET)
TUJUNGA AVENUE UC	53-1338L	Abut 1	BW	1/2	95	NO	12	3	6	5
		Abut 2	BW	1/2	108	NO	12	3	6	5
LOS ANGELES RIVER	53-1371	Abut 1A	PN	1/2	147	NO	12	3	6	5
		Abut 1B	BW	1/2	147	NO	12	3	6	5
		HINGE	-	1/2	67	NO	12	3	6	5
		ABUT 7L	BW	1/2	67	NO	12	3	6	5
		Abut 8R	BW	1/2	67	NO	12	3	6	5
KESTER AVENUE UC	53-1375	Abut 1	BW	1/2	180	NO	12	3	6	5
		Abut 2	BW	1/2	180	NO	12	3	6	5
N405-N101 CONNECTOR UC	53-1145L	Abut 1	BW	1/2	66	NO	12	3	6	5
		Abut 4	BW	1/2	69	NO	12	3	6	5
ROUTE 101/405 SEPARATION	53-1146L	Abut 1	BW	1	77	NO	12	3	6	5
		Abut 4	BW	1	77	NO	12	3	6	5
HASKELL AVENUE UC	53-1103L	Abut 1	BW	1/2	82	NO	12	3	6	5
		Abut 2	BW	1/2	84	NO	12	3	6	5
ENCINO AVENUE POC	53-1289	Abut 1	BW	1/2	8	NO	12	-	-	-
		Abut 5	PN	1/2	8	NO	12	-	-	-
LIBERTY CANYON ROAD UC	53-1731	Abut 1	BW	1/2	136	NO	12	3	6	5
		Abut 2	BW	1/2	136	NO	12	3	6	5
CHESEBRO CREEK	53-0755	Abut 1	BW	1/2	194	NO	12	3	6	5
		Abut 4	BW	1/2	191	NO	12	3	6	5
LEWIS ROAD POC	53-0998	Bent 3	-	1/2	7.5	NO	12	3	6	5
		Bent 5	-	1/2	7.5	NO	12	3	6	5
MEDEA CREEK	53-0002	Abut 1	BW	1/2	187	NO	12	3	6	5
		Abut 5	BW	1/2	196	NO	12	3	6	5

PN = Paving notch
 BW = Backwall
 DJ = Deck Joint

NOTE:
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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.

DECK REPAIR TABLE REMOVE UNSOUND CONCRETE AND RAPID SETTING CONCRETE (PATCH)

BRIDGE NAME	BRIDGE NUMBER	APPROXIMATE AREA DAMAGED (%)	APPROXIMATE DEPTH (INCHES)
TUJUNGA AVENUE UC	53-1338L	1	3
RADFORD AVENUE UC	53-1311	1	3
TUJUNGA WASH	53-1337	1	3
WHITSETT AVENUE UC	53-1340	1	3
COLDWATER CANYON AVENUE UC	53-1353	1	3
FULTON AVENUE UC	53-1354	1	3
WOODMAN AVENUE UC	53-1355	1	3
LOS ANGELES RIVER	53-1371	1	3
ROUTE 101/405 SEPARATION	53-1146F	1	3
ROUTE 101/405 SEPARATION	53-1146L	1	3
ROUTE 101/405 SEPARATION	53-1146R	1	3
WHITE OAK AVENUE UC	53-1054	1	3
BURBANK BLVD UC	53-1056	1	3
WILBUR AVENUE UC	53-1058	1	3
WINNETKA AVENUE UC	53-1061	1	3
DE SOTO AVENUE UC	53-1062	1	3
CANOGA AVENUE UC	53-1063	1	3
VENTURA BLVD UC	53-1065	1	3
SHOUP AVENUE UC	53-1095	1	3
FALLBROOK AVENUE UC	53-1066	1	3
LAS VIRGENES CANYON ROAD OC	53-1442	1	3
KANAN ROAD OC	53-0945	1	3
MEDEA CREEK	53-0002	1	3

DECK REPAIR NOTES:

- Existing reinforcement shall be protected in place during unsound concrete removal and patching operations.
- It is responsibility of the Contractor to repair any reinforcement that is accidentally cut by saw cutting operations.
- When existing transverse reinforcement is exposed in the deck surface, saw cutting may be waived with the approval of the Engineer.
- The saw cut depth shall not exceed $\frac{3}{4}$ inch or the concrete cover over the top steel reinforcing bars, whichever is less.
- Remove unsound Portland Cement concrete and unsound concrete patches to expose sound, hard concrete substrate. Replace original deck surface with rapid setting concrete patch.

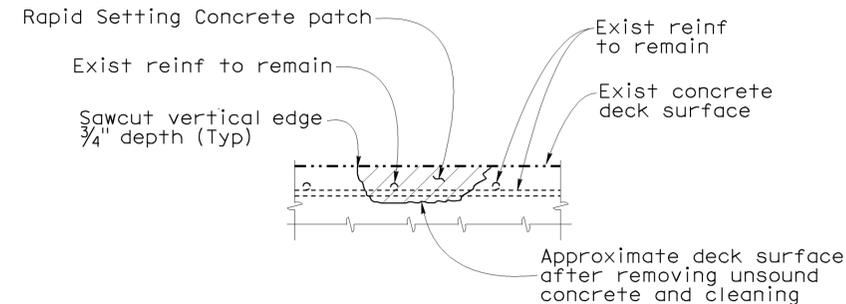
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No	TOTAL SHEETS
07	LA	101	11.8/35.0	42	43

Edward Li 10/12/10
 REGISTERED CIVIL ENGINEER DATE

01-10-11
 PLANS APPROVAL DATE

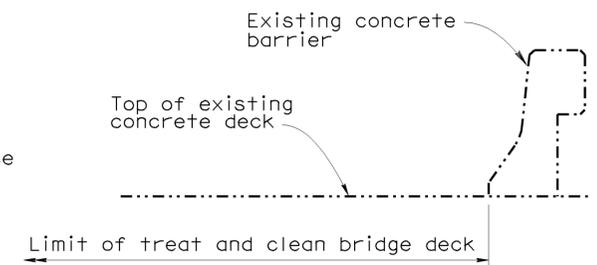
No. C56706
 Exp. 06/30/11
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 STATE OF CALIFORNIA

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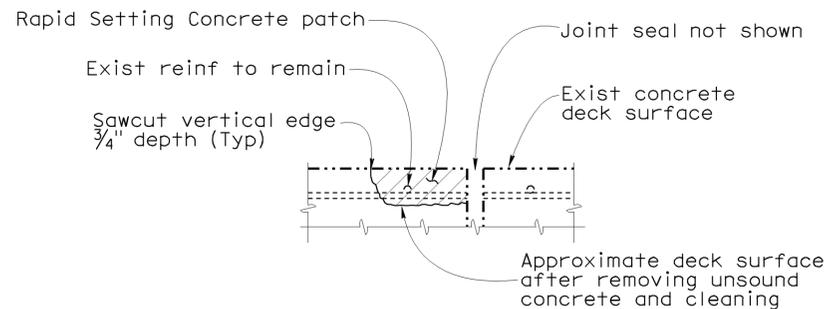


DECK DAMAGE REPAIR DETAIL

Location will be determined by the Engineer. Reinforcement may be encountered during deck concrete removal and is to remain undamaged.

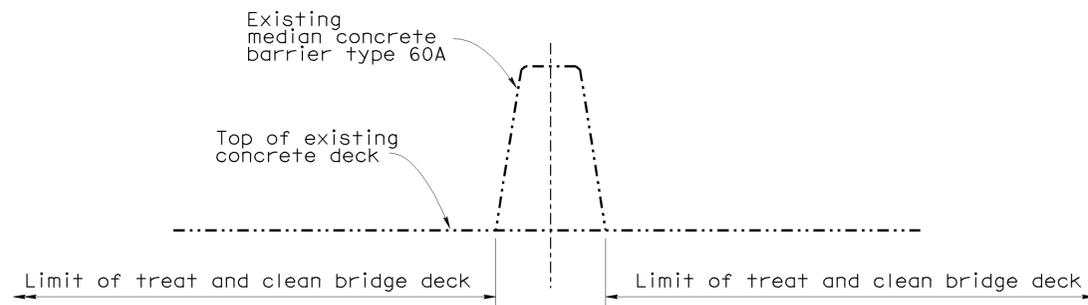


EOD BARRIER

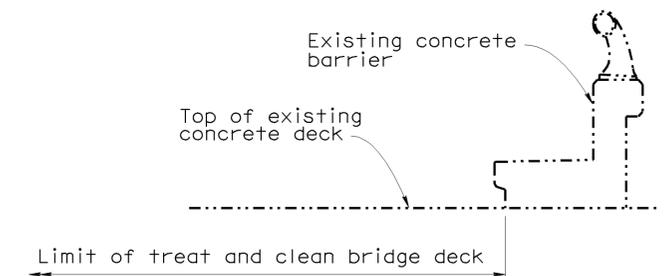


JOINT SPALL REPAIR DETAIL

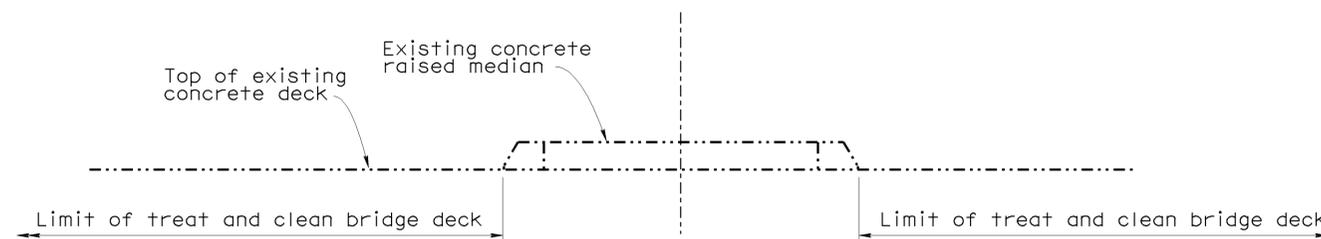
Location will be determined by the Engineer. Reinforcement may be encountered during deck concrete removal and is to remain undamaged.



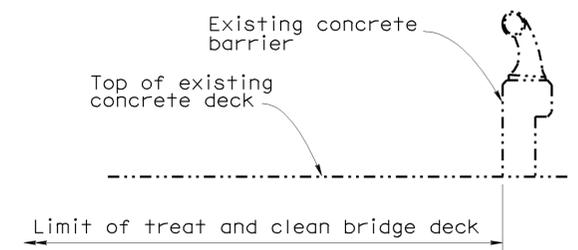
MEDIAN BARRIER



SIDEWALK BARRIER TYPE 2



RAISED MEDIAN



SIDEWALK BARRIER TYPE 1

TYPICAL LIMITS OF DECK WORK

NO SCALE

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

DESIGN	BY Edward Li	CHECKED Vinh Dang
DETAILS	BY Tom Dang	CHECKED Edward Li
QUANTITIES	BY Edward Li	CHECKED Vinh Dang

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

DIVISION OF MAINTENANCE
STRUCTURE MAINTENANCE DESIGN

BRIDGE NO.	Various
POST MILE	Varies

ROUTE 101 BRIDGES
MISCELLANEOUS DETAILS NO. 2

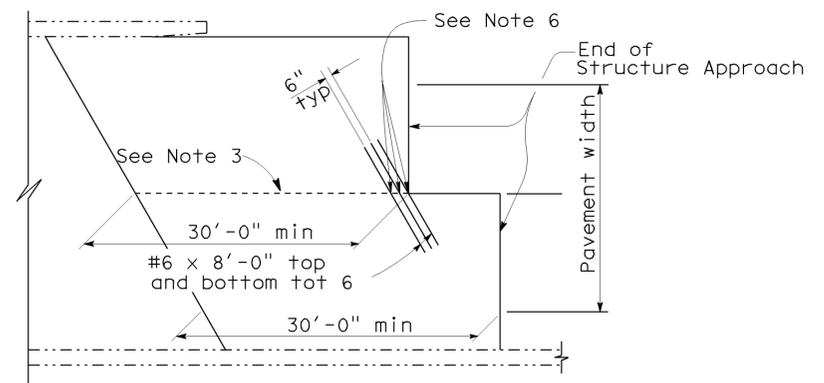
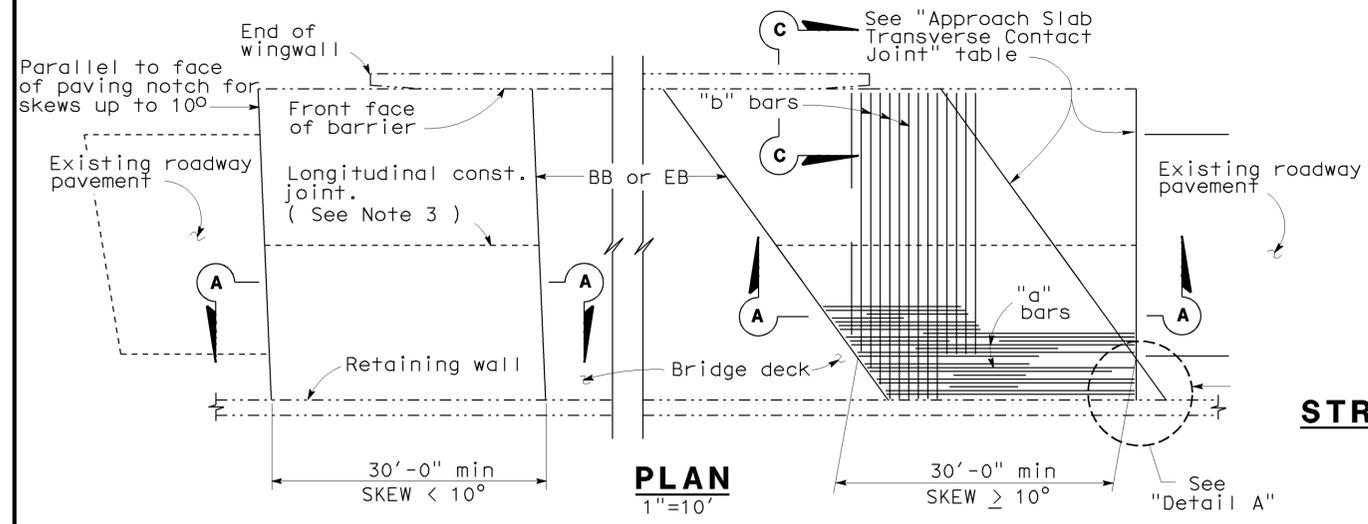
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No	TOTAL SHEETS
07	LA	101	11.8/35.0	43	43

Edward Guojun Li 10/12/10
 REGISTERED CIVIL ENGINEER DATE

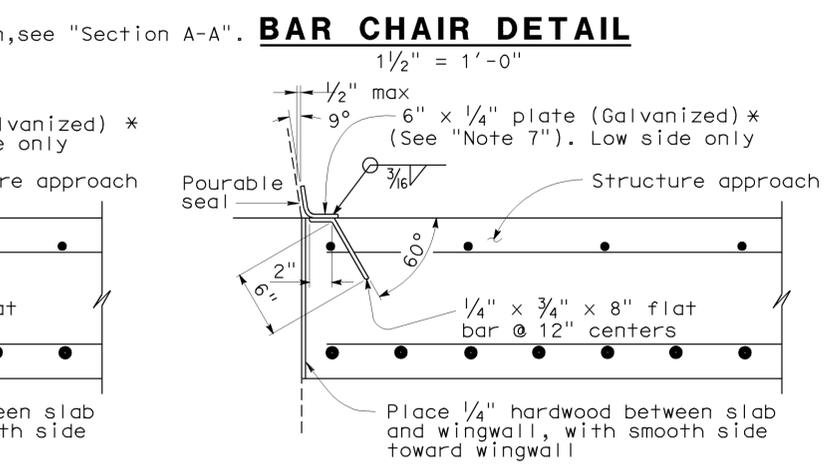
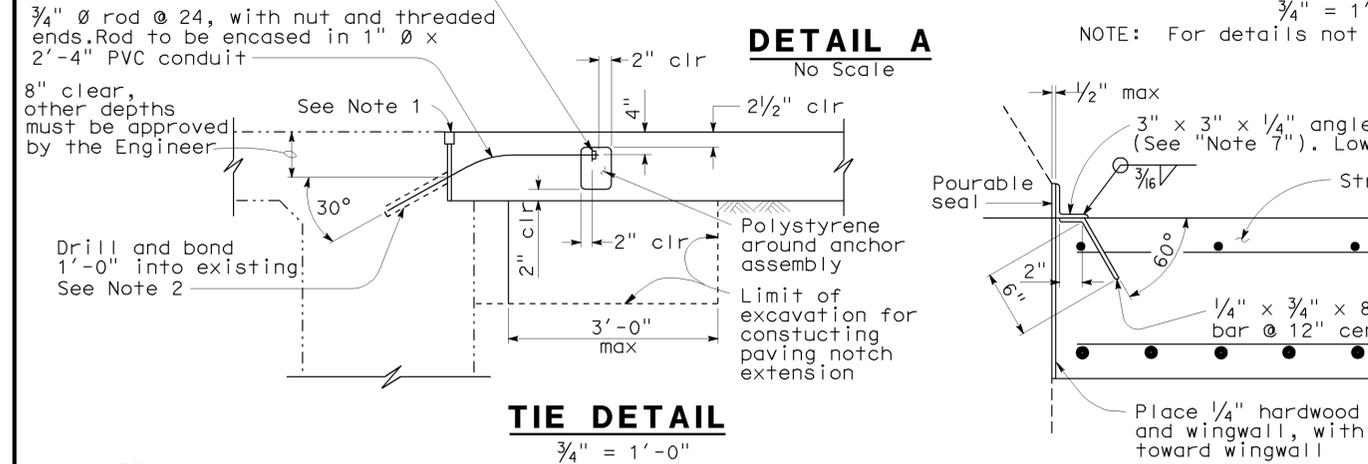
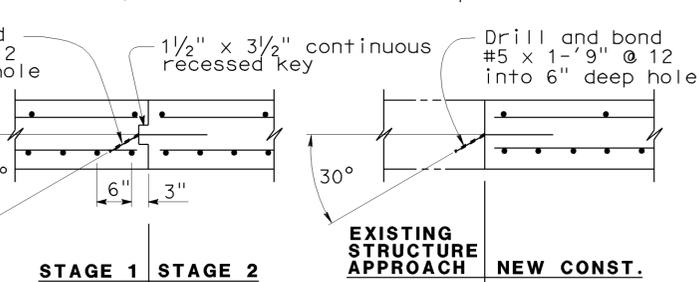
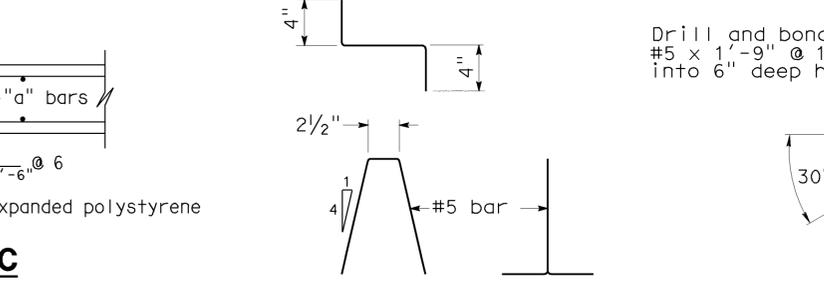
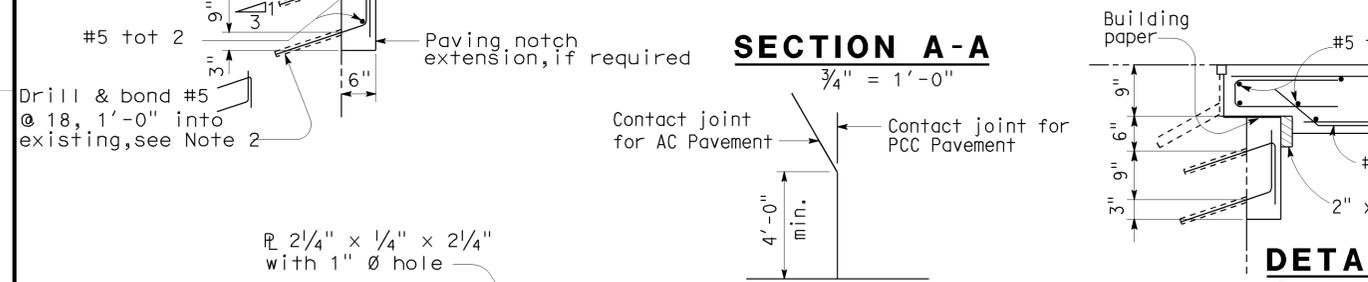
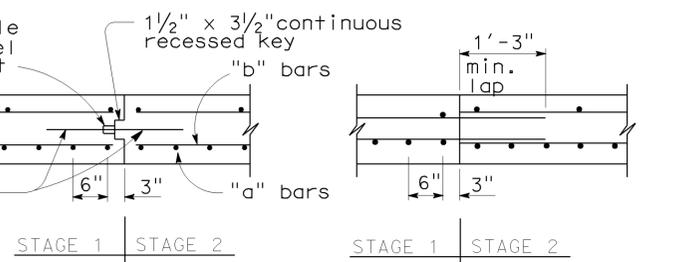
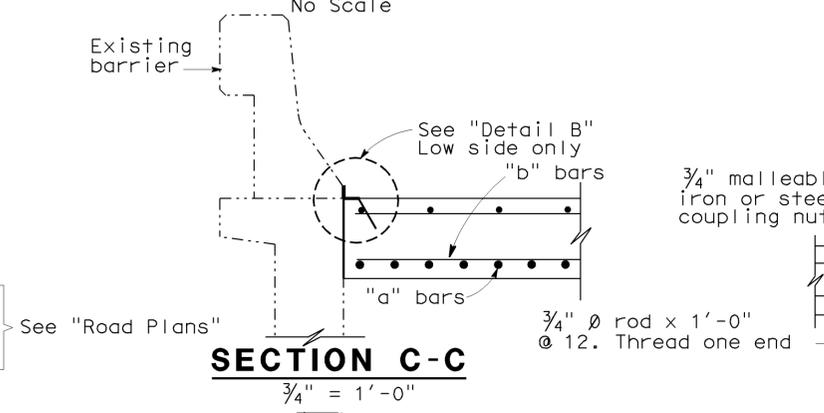
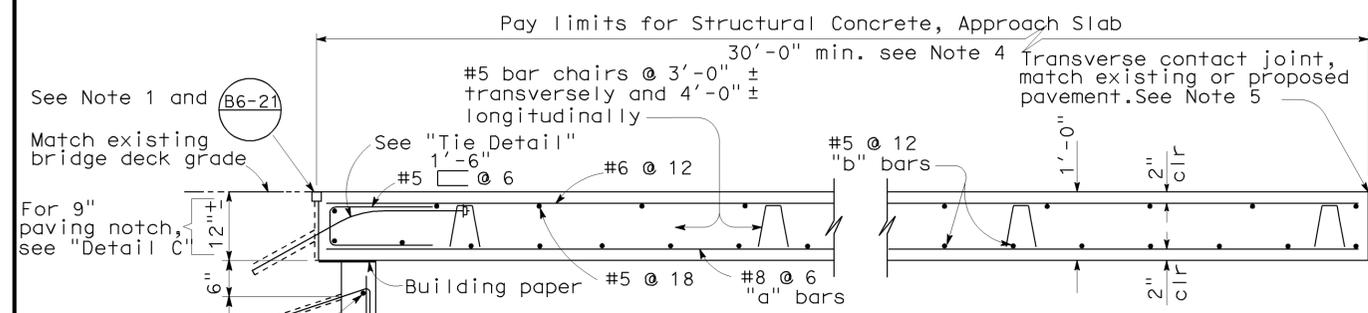
01-10-11
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APPROACH SLAB TRANSVERSE CONTACT JOINT		
APPROACH SKEW	WITH AC ROADWAY PAVEMENT	WITH PCC ROADWAY PAVEMENT
< 10°	Parallel to face of paving notch	Parallel to face of paving notch
10° - 45°	Parallel to face of P N use (Detail A)	Stagger lines 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.

NOTE:
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STANDARD DRAWING				STATE OF CALIFORNIA		DIVISION OF ENGINEERING SERVICES		BRIDGE NO. Various		ROUTE 101 BRIDGES	
RELEASE DATE 3/14/05	DESIGN BY M. TRAFFALIS	CHECKED E. THORKILDSEN	RELEASED BY	DEPARTMENT OF TRANSPORTATION		MILE POST		Varies		STRUCTURE APPROACH TYPE R(30D)	
FILE NO. xs3-140e	DETAILS BY R. YEE	CHECKED E. THORKILDSEN		ORIGINAL SCALE IN INCHES FOR REDUCED PLANS		CU 07 EA 4Y2801		DISREGARD PRINTS BEARING EARLIER REVISION DATES		SHEET 18 OF 18	
DATE PLOTTED => 13-OCT-2010				TIME PLOTTED => 12:40		USERNAME => s129239		97-4y2801-c-stapp			