

INDEX OF SHEETS

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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 SANTA CLARA COUNTY FROM**  
**GUADALUPE RIVER BRIDGE TO 0.1 MILE NORTH**  
**OF STEVENS CREEK BOULEVARD OVERCROSSING**

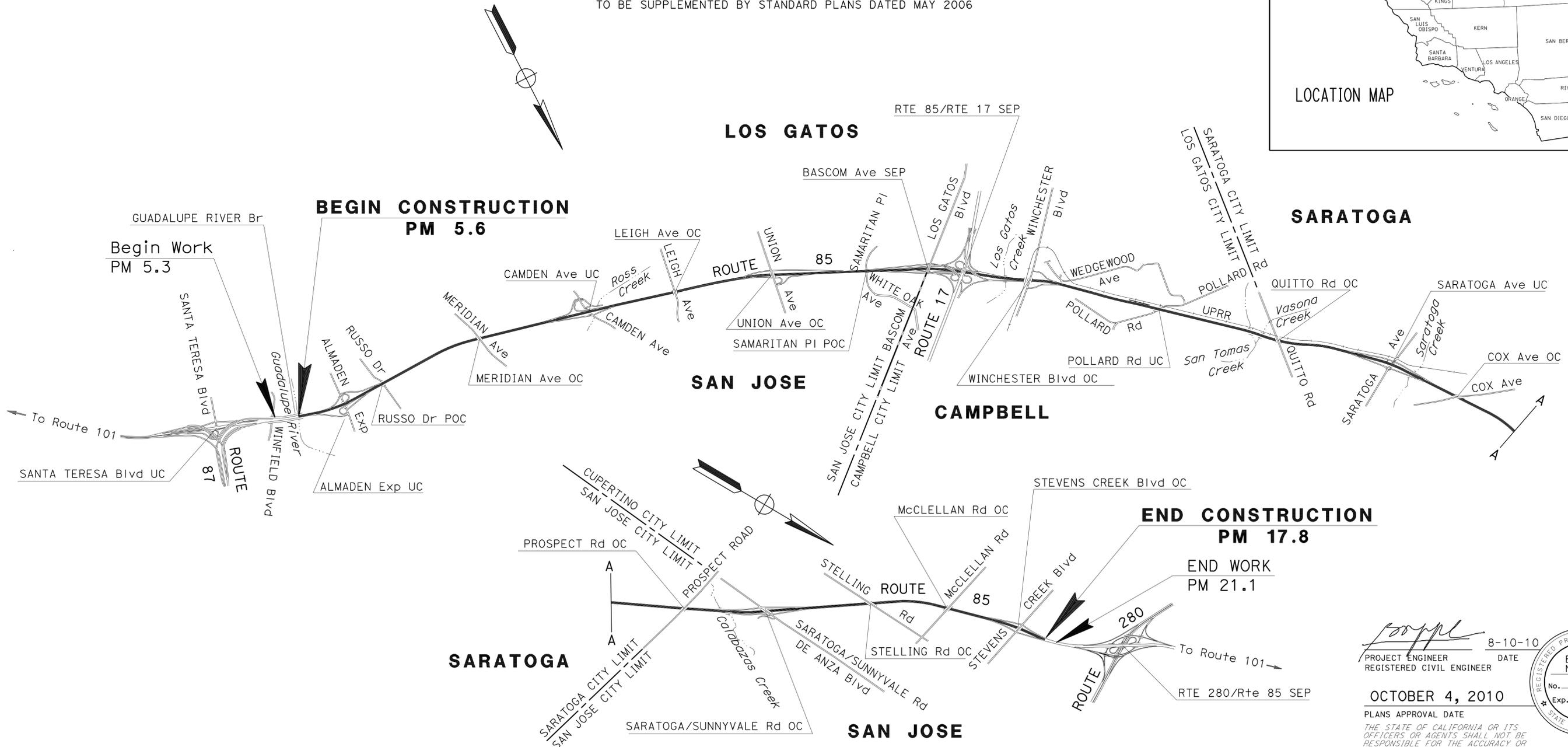
TO BE SUPPLEMENTED BY STANDARD PLANS DATED MAY 2006

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	85	5.6/17.8	1	21



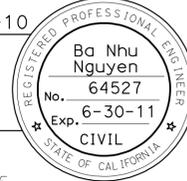


LOCATION MAP



PROJECT MANAGER  
**RAMSES SARGISS**  
 DESIGN ENGINEER  
**BA NHU NGUYEN**

  
 PROJECT ENGINEER  
 REGISTERED CIVIL ENGINEER  
 DATE **8-10-10**  
**OCTOBER 4, 2010**  
 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.



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

CONTRACT No.	<b>04-2E1404</b>
PROJECT ID	<b>0400002033</b>

DATE PLOTTED => 06-OCT-2010  
 TIME PLOTTED => 08:40  
 LAST REVISION: 09-09-10

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	85	5.6/17.8	2	21

REGISTERED CIVIL ENGINEER DATE 8-10-10  
 10-4-10  
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER  
 Ba Nhu Nguyen  
 No. 64527  
 Exp. 6-30-11  
 CIVIL  
 STATE OF CALIFORNIA

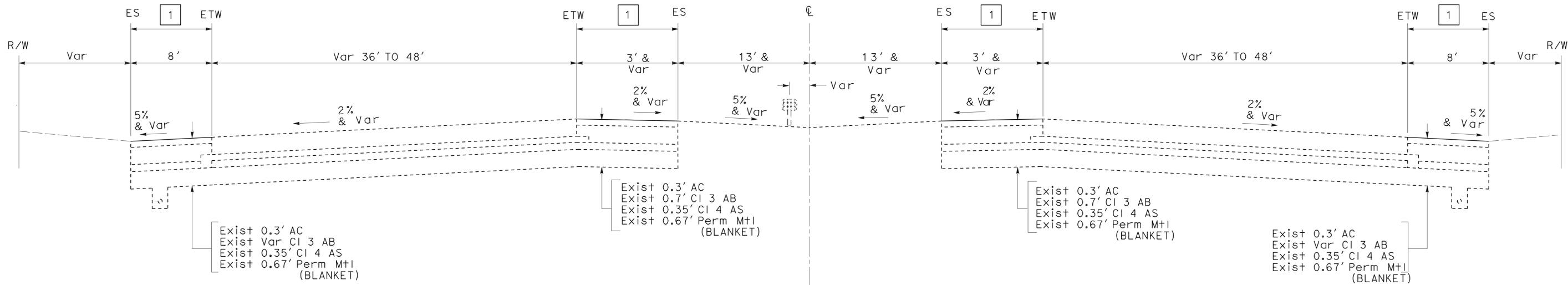
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

**NOTES:**

- EXISTING UTILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS
- DIMENSIONS OF THE STRUCTURAL SECTIONS ARE SUBJECT TO TOLERANCE SPECIFIED IN THE STANDARD SPECIFICATIONS.
- FOR ACCURATE RIGHT OF WAY AND ACCESS DATA, CONTACT RIGHT OF WAY ENGINEER AT THE DISTRICT OFFICE.

**LEGEND:**

- 1 ASPHALTIC EMULSION (FOG SEAL COAT)



**TYPICAL CROSS SECTION**

ROUTE 85  
PM 5.6 TO 17.8

**TYPICAL CROSS SECTIONS**  
NO SCALE

X-1

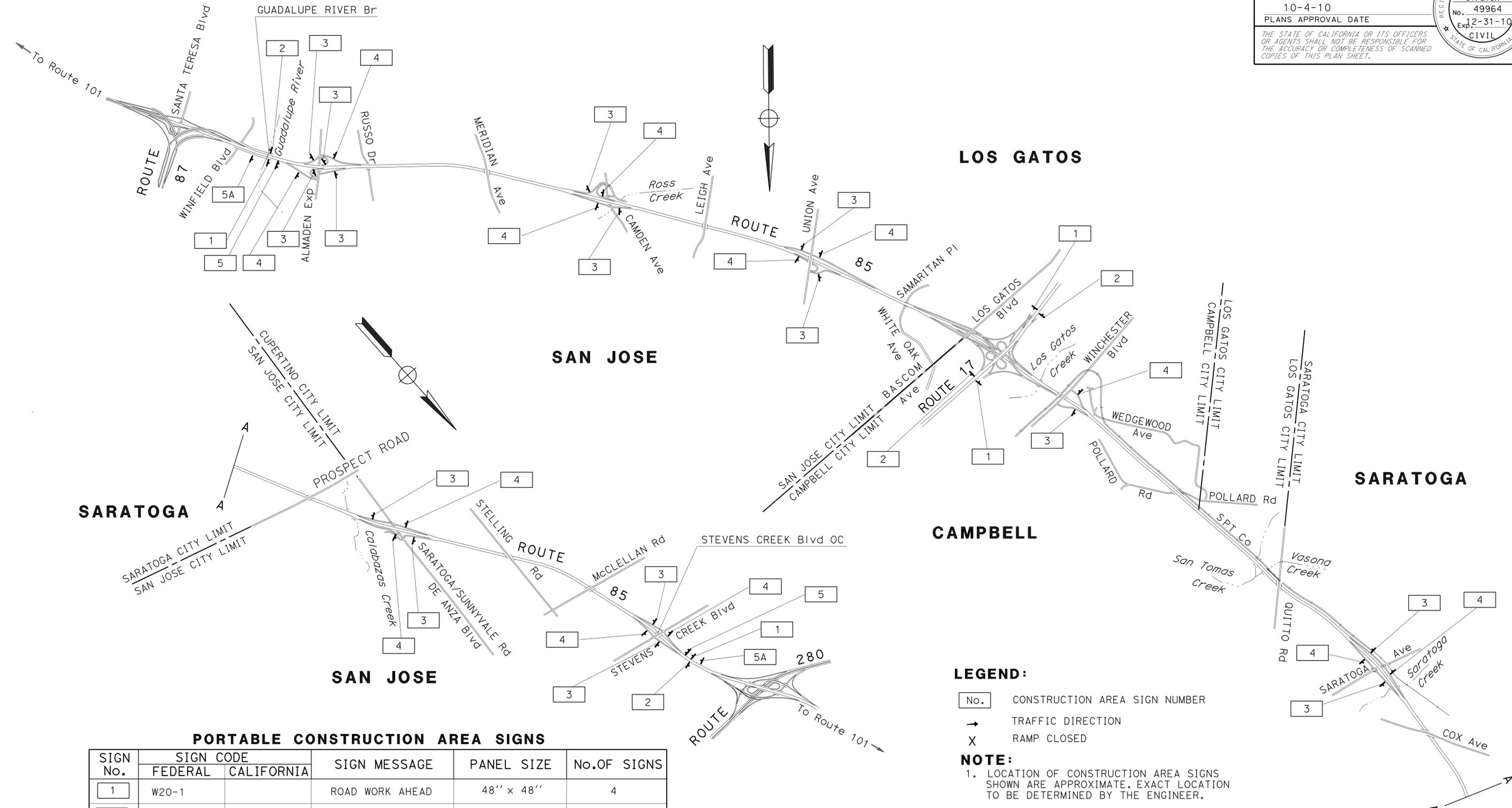
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	EDMOND SIU	REVISOR	DATE
<b>Caltrans</b> DESIGN	BA N. NGUYEN	BY	REVISION
FUNCTIONAL SUPERVISOR	RONNIE CHUA	CHECKED BY	DESIGNED BY

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	85	5.6/17.8	3	21

*Jill Struven* 8-9-10  
 REGISTERED CIVIL ENGINEER DATE  
 10-4-10  
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER  
 Jerilyn L. Struven  
 No. 49964  
 Exp. 2-31-10  
 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.



**PORTABLE CONSTRUCTION AREA SIGNS**

SIGN No.	SIGN CODE		SIGN MESSAGE	PANEL SIZE	No.OF SIGNS
	FEDERAL	CALIFORNIA			
1	W20-1		ROAD WORK AHEAD	48" x 48"	4
2	G20-2		END ROAD WORK	48" x 24"	4
3	W20-1		ROAD WORK AHEAD	36" x 36"	8
4	G20-2		END ROAD WORK	36" x 18"	7
5		C40	TRAFFIC FINES DOUBLED IN CONSTRUCTION ZONES	72" x 36"	2
5A	G20-1		ROAD WORK NEXT 13 MILES	48" x 24"	2

**LEGEND:**

No. CONSTRUCTION AREA SIGN NUMBER

→ TRAFFIC DIRECTION

X RAMP CLOSED

**NOTE:**

1. LOCATION OF CONSTRUCTION AREA SIGNS SHOWN ARE APPROXIMATE. EXACT LOCATION TO BE DETERMINED BY THE ENGINEER.

**CONSTRUCTION AREA SIGNS**  
NO SCALE

THIS PLAN ACCURATE FOR  
CONSTRUCTION AREA SIGN WORK ONLY

**CS-1**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans**  
 TRAFFIC  
 FUNCTIONAL SUPERVISOR: ROLAND AU-YEUNG  
 ROY YUAN  
 JERILYN STRUVEN  
 REVISOR: JERILYN STRUVEN  
 DATE: 10-4-10  
 DESIGNED BY: JERILYN STRUVEN  
 CHECKED BY: JERILYN STRUVEN  
 CALCULATED BY: JERILYN STRUVEN  
 DESIGNED BY: JERILYN STRUVEN

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	85	5.6/17.8	4	21

<i>Jill Struven</i>	8-9-10
REGISTERED CIVIL ENGINEER	DATE
10-4-10	
PLANS APPROVAL DATE	

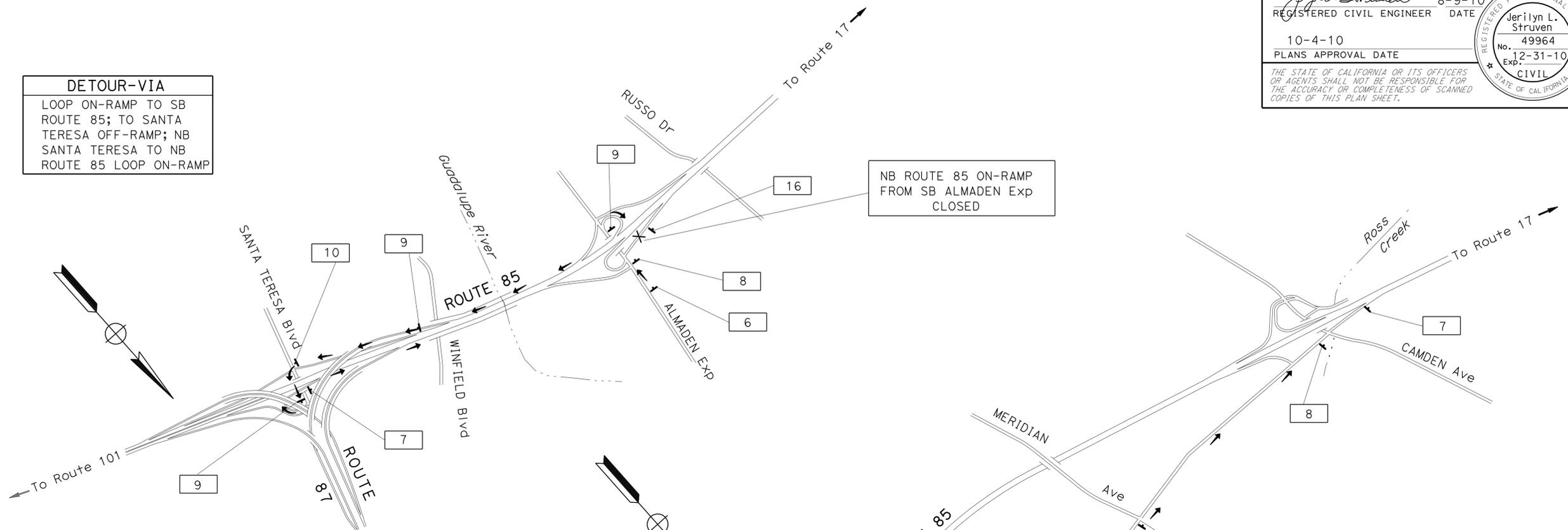
  

REGISTERED PROFESSIONAL ENGINEER
Jerilyn L. Struven
No. 49964
Exp. 12-31-10
CIVIL

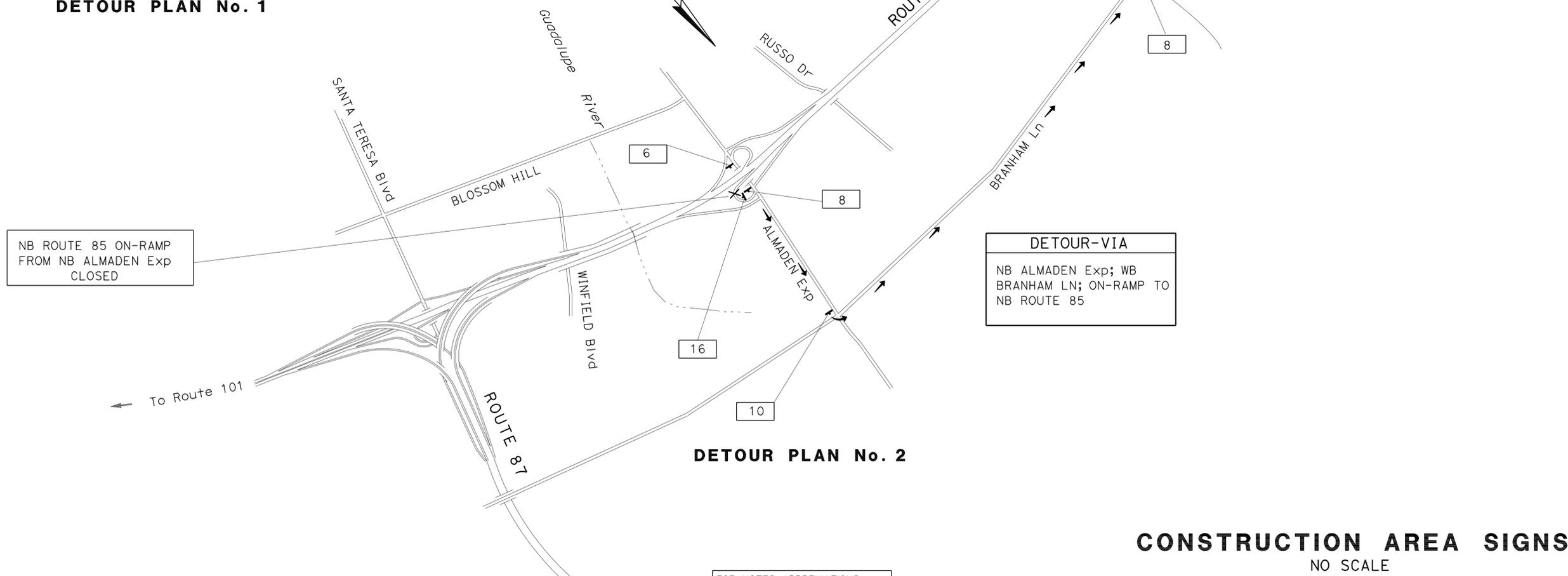
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

**DETOUR-VIA**  
 LOOP ON-RAMP TO SB  
 ROUTE 85; TO SANTA  
 TERESA OFF-RAMP; NB  
 SANTA TERESA TO NB  
 ROUTE 85 LOOP ON-RAMP

NB ROUTE 85 ON-RAMP  
 FROM SB ALMADEN Exp  
 CLOSED



**DETOUR PLAN No. 1**



**DETOUR PLAN No. 2**

NB ROUTE 85 ON-RAMP  
 FROM NB ALMADEN Exp  
 CLOSED

**DETOUR-VIA**  
 NB ALMADEN Exp; WB  
 BRANHAM LN; ON-RAMP TO  
 NB ROUTE 85

FOR NOTES, ABBREVIATIONS  
 AND LEGEND, SEE SHEET CS-1

THIS PLAN ACCURATE FOR  
 CONSTRUCTION AREA SIGN WORK ONLY

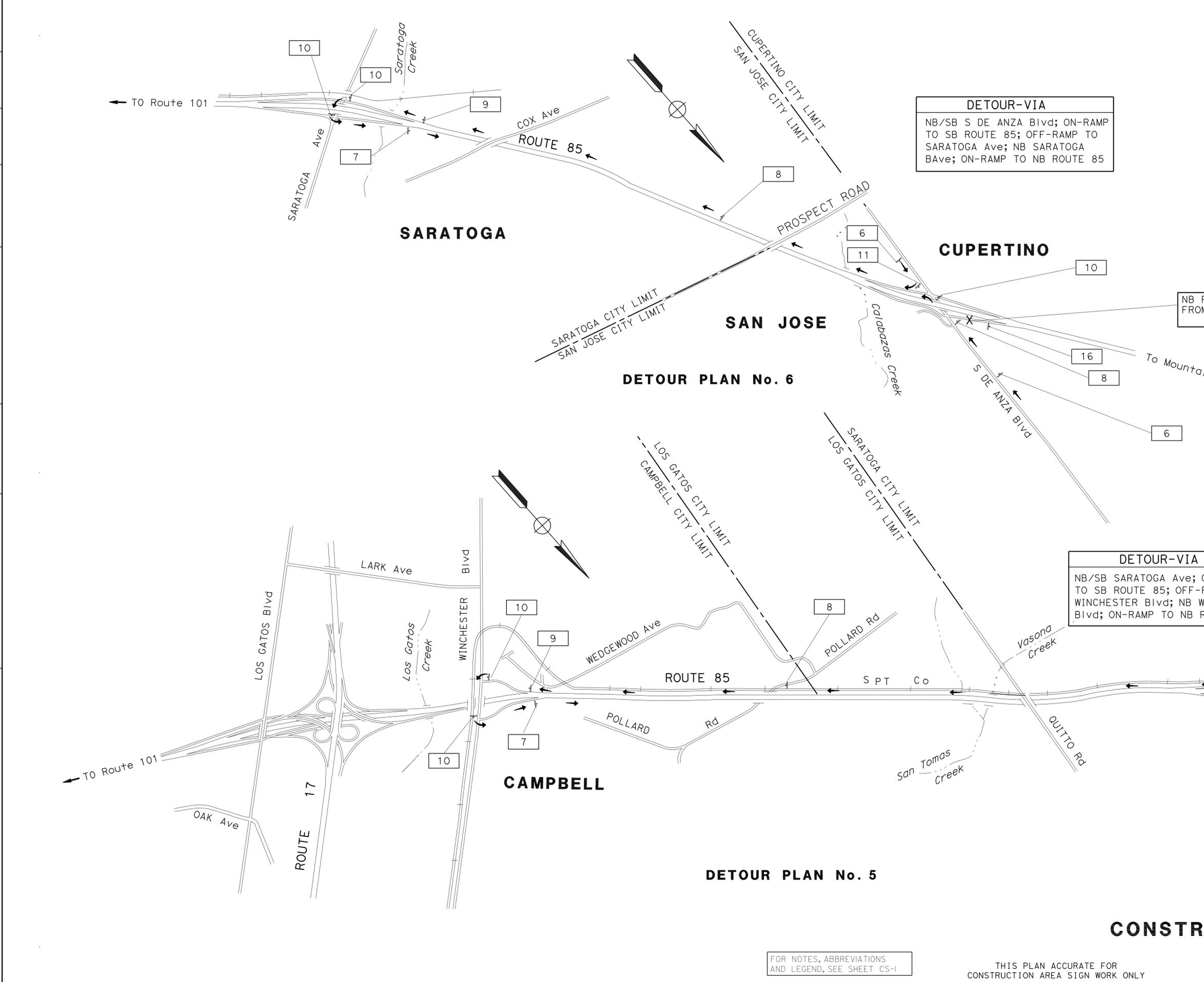
**CONSTRUCTION AREA SIGNS**  
 NO SCALE

**CS-2**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
<b>Caltrans</b>
TRAFFIC
FUNCTIONAL SUPERVISOR
ROLAND AU-YEUNG
CALCULATED/DESIGNED BY
CHECKED BY
ROY YUAN
JERILYN STRUVEN
REVISOR
RY



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans**  
 FUNCTIONAL SUPERVISOR: ROLAND AU-YEUNG  
 TRAFFIC



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	85	5.6/17.8	6	21

REGISTERED CIVIL ENGINEER: *Jerilyn L. Struven*  
 No. 49964  
 Exp. 12-31-10  
 CIVIL  
 DATE: 8-9-10  
 PLANS APPROVAL DATE: 10-4-10

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.

**DETOUR-VIA**  
 NB/SB S DE ANZA Blvd; ON-RAMP TO SB ROUTE 85; OFF-RAMP TO SARATOGA Ave; NB SARATOGA B Ave; ON-RAMP TO NB ROUTE 85

NB ROUTE 85 ON-RAMP FROM S DE ANZA Blvd CLOSED

**DETOUR-VIA**  
 NB/SB SARATOGA Ave; ON-RAMP TO SB ROUTE 85; OFF-RAMP TO WINCHESTER Blvd; NB WINCHESTER Blvd; ON-RAMP TO NB ROUTE 85

NB ROUTE 85 ON-RAMP FROM SARATOGA Ave CLOSED

FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET CS-1

THIS PLAN ACCURATE FOR CONSTRUCTION AREA SIGN WORK ONLY

**CONSTRUCTION AREA SIGNS**  
 NO SCALE

**CS-4**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans**  
 TRAFFIC

FUNCTIONAL SUPERVISOR  
 ROLAND AU-YEUNG

CALCULATED/DESIGNED BY  
 CHECKED BY

ROY YUAN  
 JERILYN STRUVEN

REVISOR BY  
 DATE REVISED

RY

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	85	5.6/17.8	7	21

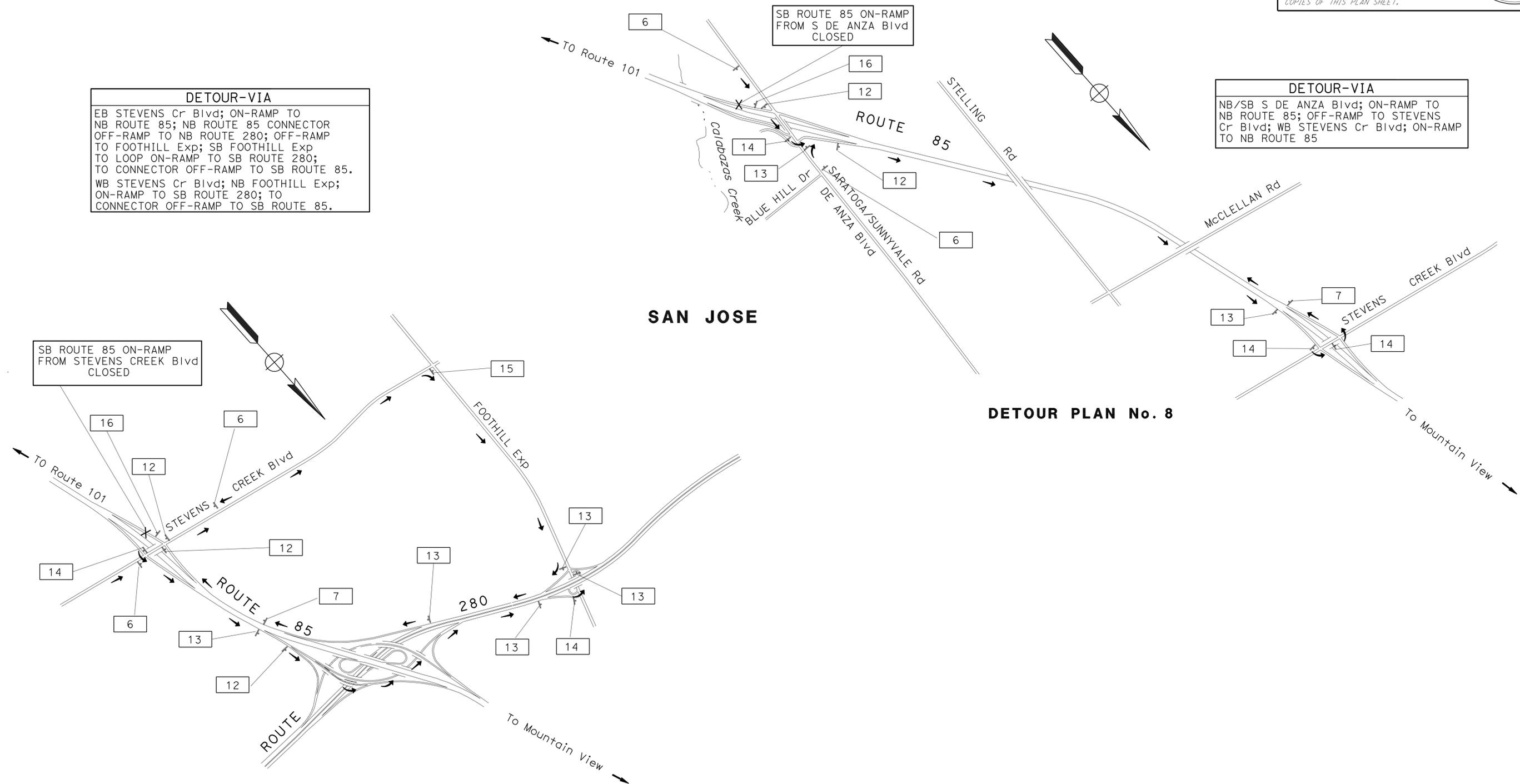
8-9-10  
 REGISTERED CIVIL ENGINEER DATE  
 10-4-10  
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER  
 Jerilyn L. Struven  
 No. 49964  
 Exp. 12-31-10  
 CIVIL  
 STATE OF CALIFORNIA

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**DETOUR-VIA**  
 EB STEVENS Cr Blvd; ON-RAMP TO NB ROUTE 85; NB ROUTE 85 CONNECTOR OFF-RAMP TO NB ROUTE 280; OFF-RAMP TO FOOTHILL Exp; SB FOOTHILL Exp TO LOOP ON-RAMP TO SB ROUTE 280; TO CONNECTOR OFF-RAMP TO SB ROUTE 85.  
 WB STEVENS Cr Blvd; NB FOOTHILL Exp; ON-RAMP TO SB ROUTE 280; TO CONNECTOR OFF-RAMP TO SB ROUTE 85.

**DETOUR-VIA**  
 NB/SB S DE ANZA Blvd; ON-RAMP TO NB ROUTE 85; OFF-RAMP TO STEVENS Cr Blvd; WB STEVENS Cr Blvd; ON-RAMP TO NB ROUTE 85



**DETOUR PLAN No. 7**

**DETOUR PLAN No. 8**

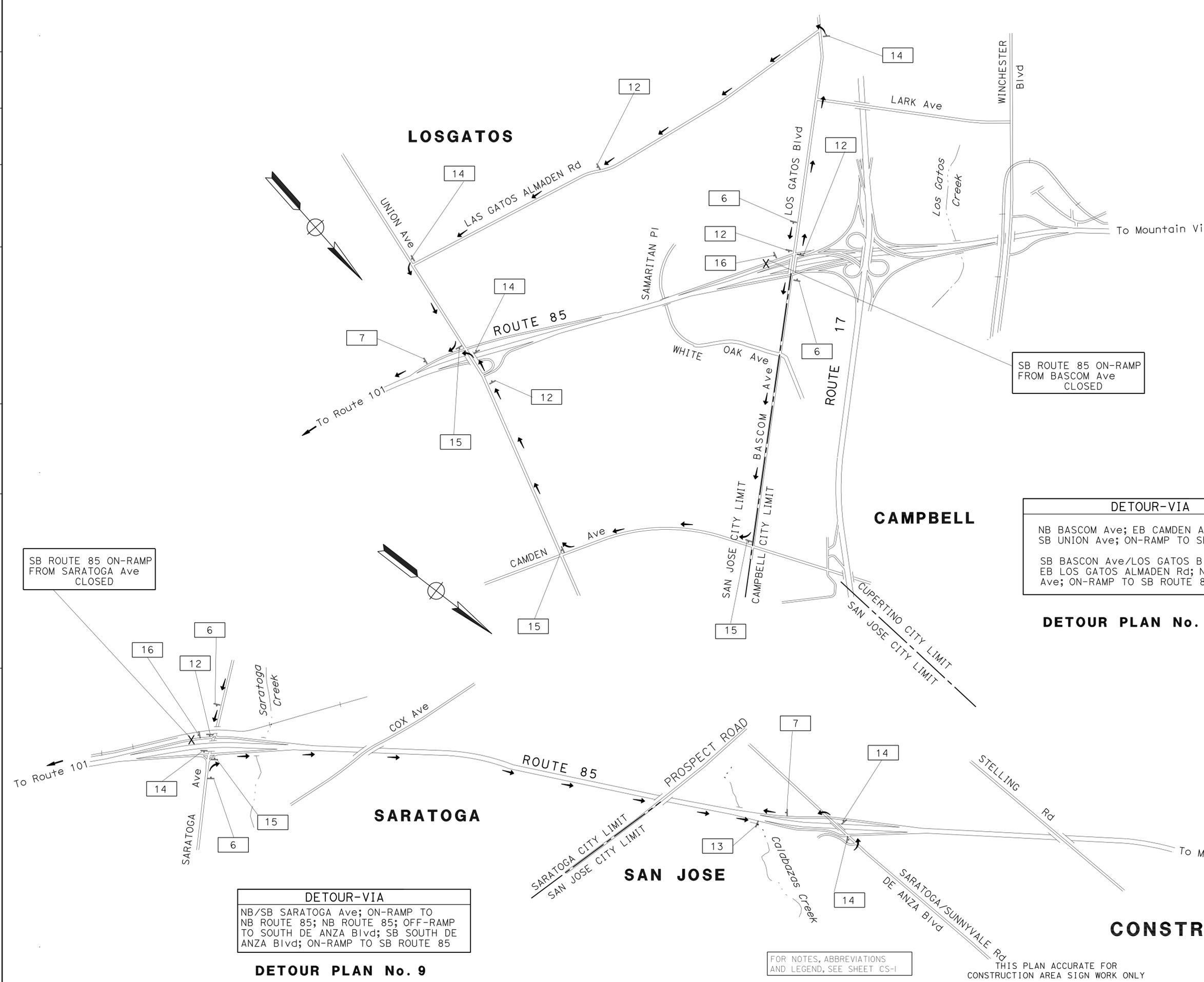
FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET CS-1

THIS PLAN ACCURATE FOR CONSTRUCTION AREA SIGN WORK ONLY

**CONSTRUCTION AREA SIGNS**  
 NO SCALE

**CS-5**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans**  
 FUNCTIONAL SUPERVISOR: ROLAND AU-YEUNG  
 TRAFFIC



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	85	5.6/17.8	8	21

8-9-10  
 REGISTERED CIVIL ENGINEER DATE  
 10-4-10  
 PLANS APPROVAL DATE

Jeryllyn L. Struven  
 No. 49964  
 Exp. 12-31-10  
 CIVIL

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SB ROUTE 85 ON-RAMP FROM SARATOGA Ave CLOSED

SB ROUTE 85 ON-RAMP FROM BASCOM Ave CLOSED

**DETOUR-VIA**  
 NB BASCOM Ave; EB CAMDEN Ave;  
 SB UNION Ave; ON-RAMP TO SB ROUTE 85  
 SB BASCOM Ave/LOS GATOS Blvd;  
 EB LOS GATOS ALMADEN Rd; NB UNION Ave;  
 ON-RAMP TO SB ROUTE 85

**DETOUR PLAN No. 10**

**DETOUR-VIA**  
 NB/SB SARATOGA Ave; ON-RAMP TO NB ROUTE 85; NB ROUTE 85; OFF-RAMP TO SOUTH DE ANZA Blvd; SB SOUTH DE ANZA Blvd; ON-RAMP TO SB ROUTE 85

**DETOUR PLAN No. 9**

FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET CS-1

THIS PLAN ACCURATE FOR CONSTRUCTION AREA SIGN WORK ONLY

**CONSTRUCTION AREA SIGNS**  
 NO SCALE

**CS-6**

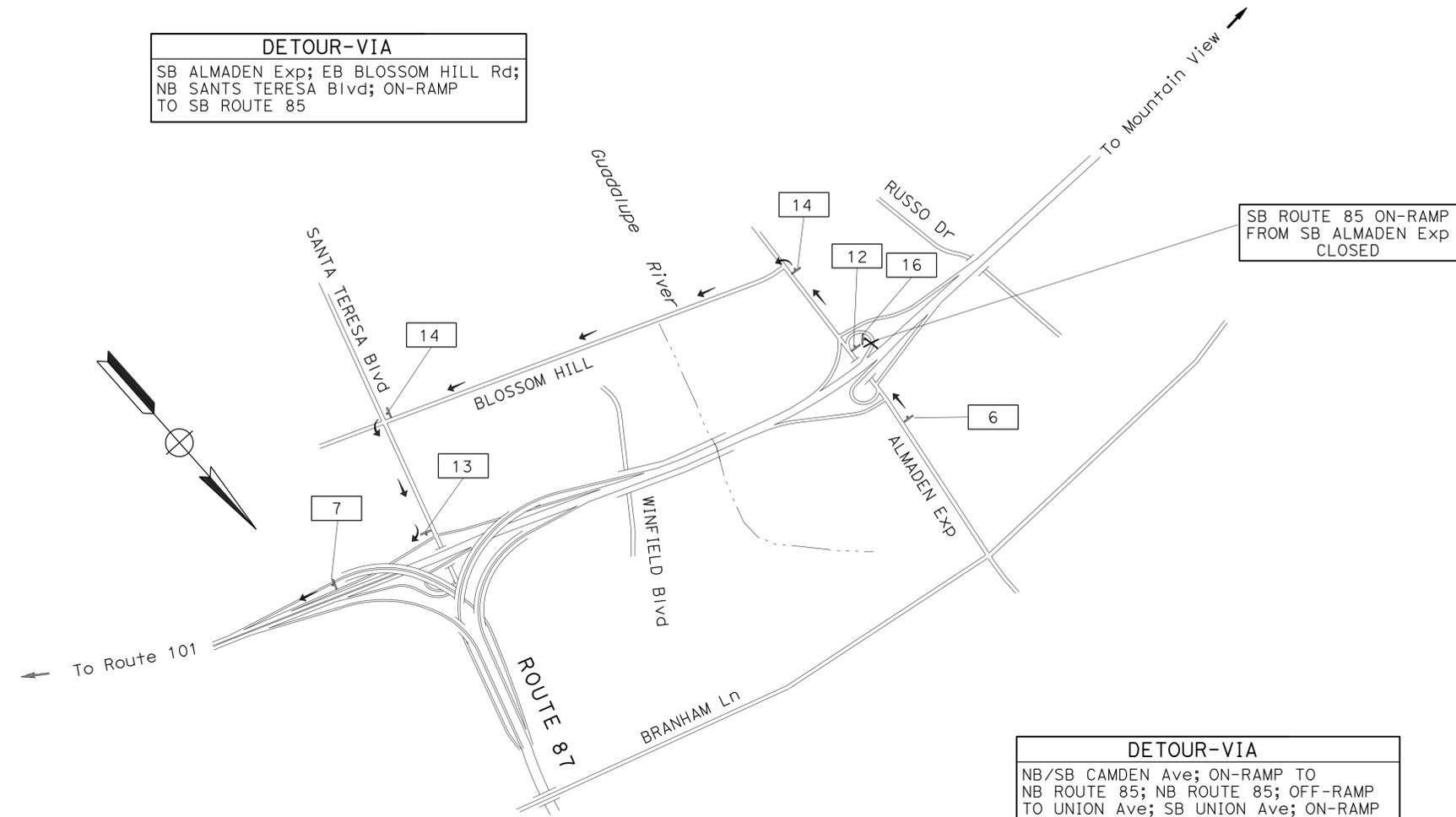
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	85	5.6/17.8	9	21

8-9-10  
 REGISTERED CIVIL ENGINEER DATE  
 10-4-10  
 PLANS APPROVAL DATE

Jerilyn L. Struven  
 No. 49964  
 Exp. 12-31-10  
 CIVIL

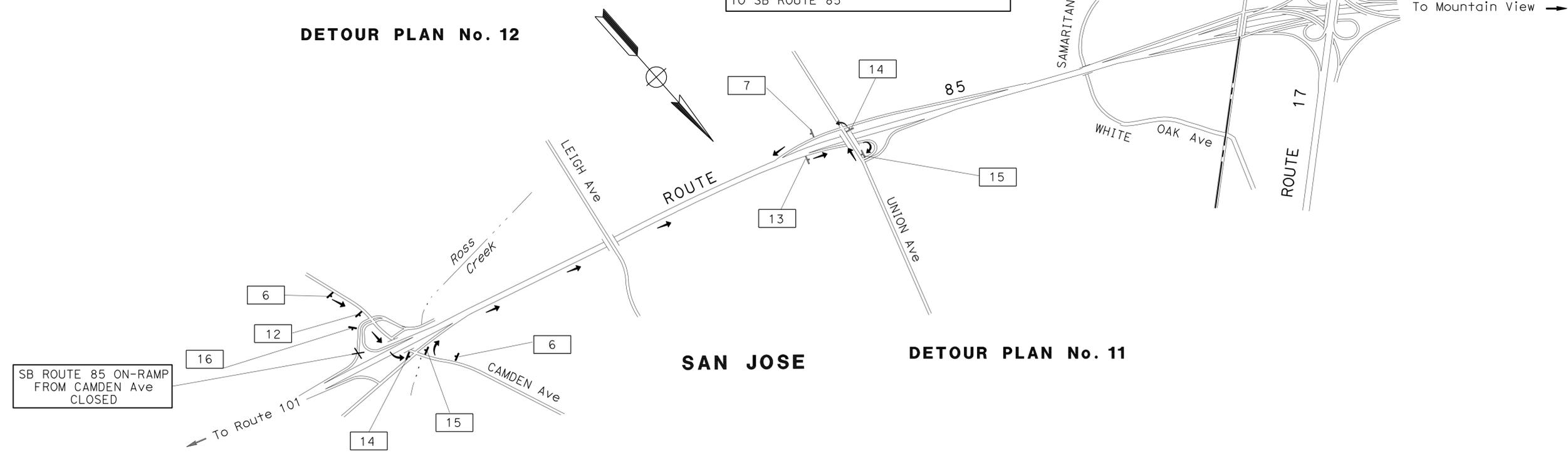
THE STATE OF CALIFORNIA OR ITS OFFICERS  
 OR AGENTS SHALL NOT BE RESPONSIBLE FOR  
 THE ACCURACY OR COMPLETENESS OF SCANNED  
 COPIES OF THIS PLAN SHEET.

**DETOUR-VIA**  
 SB ALMADEN Exp; EB BLOSSOM HILL Rd;  
 NB SANTS TERESA Blvd; ON-RAMP  
 TO SB ROUTE 85



**DETOUR PLAN No. 12**

**DETOUR-VIA**  
 NB/SB CAMDEN Ave; ON-RAMP TO  
 NB ROUTE 85; NB ROUTE 85; OFF-RAMP  
 TO UNION Ave; SB UNION Ave; ON-RAMP  
 TO SB ROUTE 85



**SAN JOSE**

**DETOUR PLAN No. 11**

**CONSTRUCTION AREA SIGNS**

NO SCALE

**CS-7**

FOR NOTES, ABBREVIATIONS  
 AND LEGEND, SEE SHEET CS-1

THIS PLAN ACCURATE FOR  
 CONSTRUCTION AREA SIGN WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	TRAFFIC
FUNCTIONAL SUPERVISOR	ROLAND AU-YEUNG
CALCULATED/DESIGNED BY	CHECKED BY
ROY YUAN	JERILYN STRUVEN
REVISOR	DATE
RY	

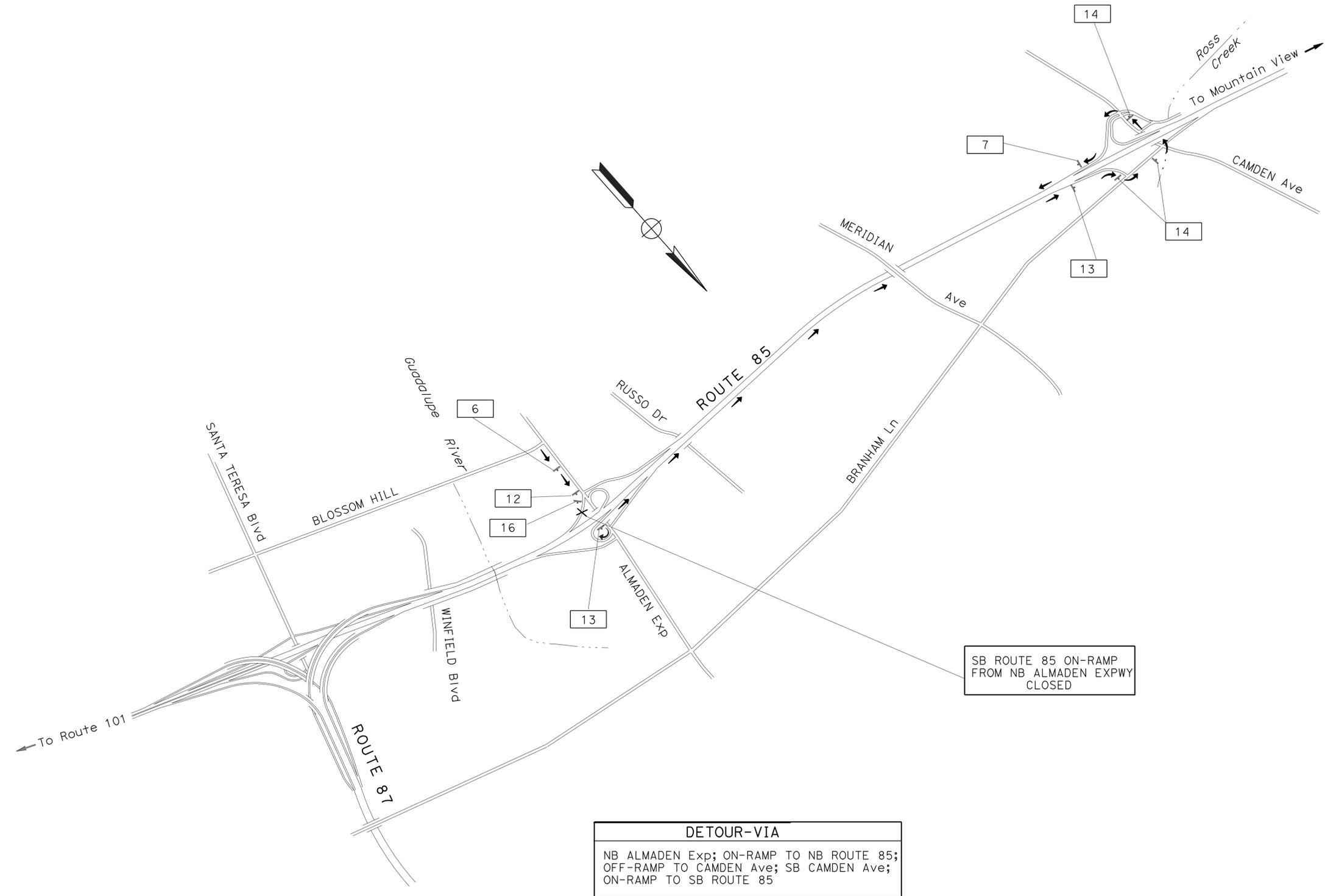
FUNCTIONAL SUPERVISOR	ROLAND AU-YEUNG
CALCULATED/DESIGNED BY	CHECKED BY
ROY YUAN	JERILYN STRUVEN
REVISOR	DATE
RY	

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	85	5.6/17.8	10	21

*J. Struven* 8-9-10  
 REGISTERED CIVIL ENGINEER DATE  
 10-4-10  
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER  
 No. 49964  
 Exp. 2-31-10  
 CIVIL  
 STATE OF CALIFORNIA

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**DETOUR-VIA**  
 NB ALMADEN Exp; ON-RAMP TO NB ROUTE 85;  
 OFF-RAMP TO CAMDEN Ave; SB CAMDEN Ave;  
 ON-RAMP TO SB ROUTE 85

**DETOUR PLAN No. 13**

**CONSTRUCTION AREA SIGNS**  
 NO SCALE

FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET CS-1

THIS PLAN ACCURATE FOR CONSTRUCTION AREA SIGN WORK ONLY

**CS-8**

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	85	5.6/17.8	11	21

*J. Struven* 8-9-10  
 REGISTERED CIVIL ENGINEER DATE  
 10-4-10  
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER  
 Jerilyn L. Struven  
 No. 49964  
 Exp. 2-31-10  
 CIVIL  
 STATE OF CALIFORNIA

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**STATIONARY MOUNTED CONSTRUCTION AREA SIGNS (FOR DETOURS)**

SIGN No.	SIGN CODE		SIGN MESSAGE	PANEL SIZE (INCHES)	NUMBER OF POSTS AND SIZES (EA - INCHES)	No. OF SIGNS EA
	FEDERAL	CALIFORNIA				
6	W20-2		DETOUR AHEAD	48 x 48	1 - 4 x 6	20
7	M4-8a		END DETOUR	24 x 18	1 - 4 x 4	14
8		SC-3(▲)	DETOUR (STRAIGHT AHEAD ARROW)	48 x 18	1 - 4 x 6	11
		G28-2(85)	ROUTE SHIELD	24 x 25		
9	M3-1		NORTH	21 x 9	1 - 4 x 6	8
	M4-8		DETOUR	21 x 9		
		G28-2(85)	ROUTE SHIELD	24 x 25		
	M3-1		NORTH	21 x 9		
10	M6-2(▲)		DETOUR (DIAGONAL ARROW)	21 x 15	1 - 4 x 6	17
	M4-10(L+)		DETOUR (LEFT)	48 x 18		
		G28-2(85)	ROUTE SHIELD	24 x 25		
11	M3-1		NORTH	21 x 9	1 - 4 x 6	6
	M4-10(R+)		DETOUR (RIGHT)	48 x 18		
		G28-2(85)	ROUTE SHIELD	24 x 25		
12		SC-3(▲)	DETOUR (STRAIGHT AHEAD ARROW)	48 x 18	1 - 4 x 6	13
		G28-2(85)	ROUTE SHIELD	24 x 25		
	M3-3		SOUTH	21 x 9		
	M4-8		DETOUR	21 x 9		
13		G28-2(85)	ROUTE SHIELD	24 x 25	1 - 4 x 6	12
	M3-3		SOUTH	21 x 9		
	M6-2(▲)		DETOUR (STRAIGHT AHEAD ARROW)	21 x 15		
14	M4-10(L+)		DETOUR (LEFT)	48 x 18	1 - 4 x 6	18
		G28-2(85)	ROUTE SHIELD	24 x 25		
	M3-3		SOUTH	21 x 9		
15	M4-10(R+)		DETOUR (RIGHT)	48 x 18	1 - 4 x 6	7
		G28-2(85)	ROUTE SHIELD	24 x 25		
16			SOUTH	21 x 9	1 - 6 x 6	13
		SC6-4	RAMP CLOSED (WITH DATE & TIME)	48 x 60		

**CONSTRUCTION AREA SIGN QUANTITIES**

**CS-9**

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	85	5.6 / 17.8	12	21

8-10-10  
 REGISTERED CIVIL ENGINEER DATE  
 10-4-10  
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER  
 Ba Nhu  
 Nguyen  
 No. 64527  
 Exp. 6-30-11  
 CIVIL  
 STATE OF CALIFORNIA

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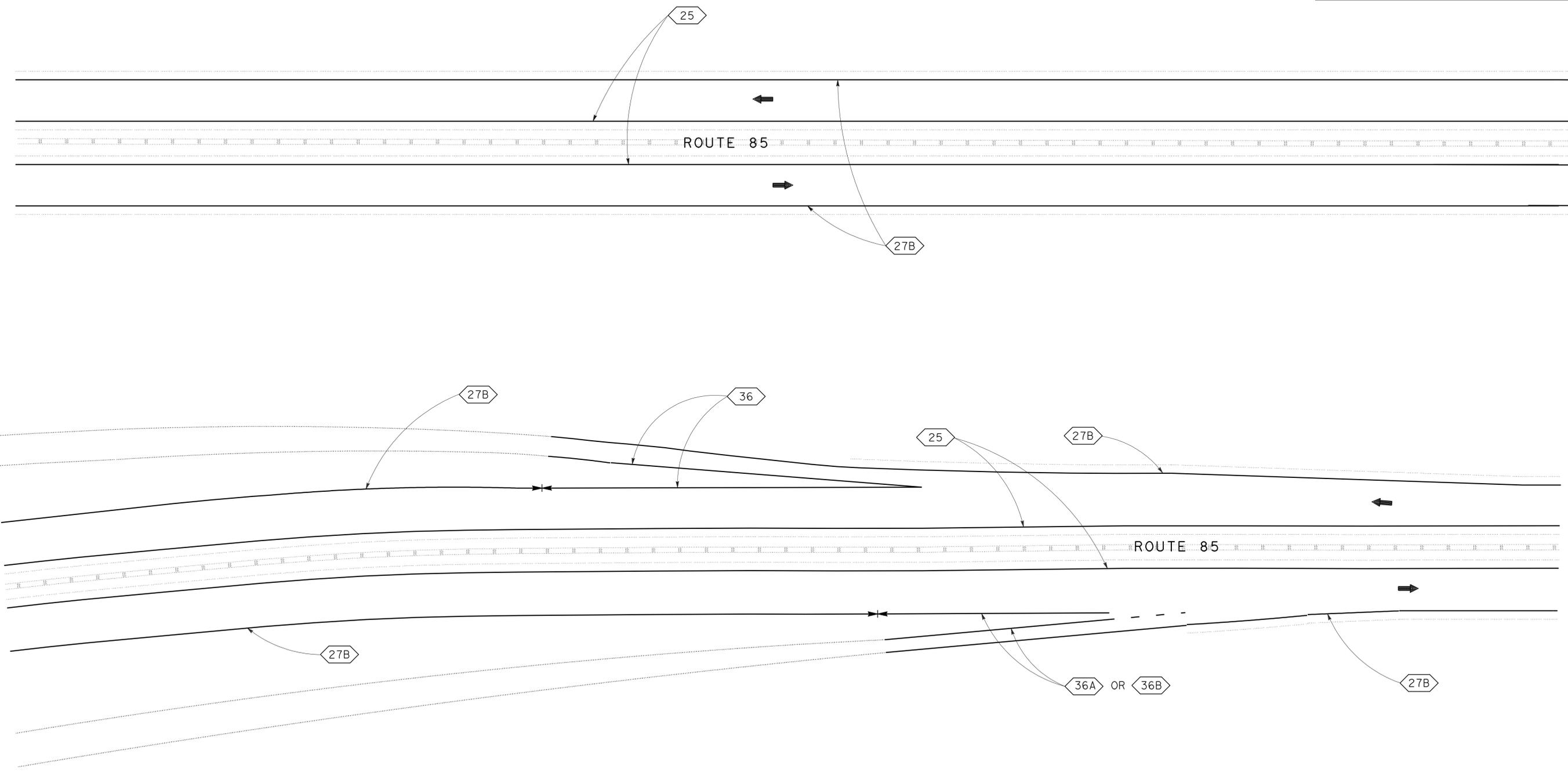
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans**  
**DESIGN**

FUNCTIONAL SUPERVISOR  
 RONNIE CHUA

CALCULATED/DESIGNED BY  
 CHECKED BY

EDMOND SIU  
 BA N. NGUYEN

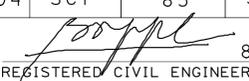
REVISED BY  
 DATE REVISED



**PAVEMENT DELINEATION PLAN**  
**(TYPICAL)**  
 SCALE: 1" = 50'  
**PD-1**

THIS PLAN ACCURATE FOR  
 PAVEMENT DELINEATION WORK ONLY

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	85	5.6/17.8	13	21

  
 REGISTERED CIVIL ENGINEER DATE 8-10-10  
 10-4-10  
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER  
 Ba Nhu Nguyen  
 No. 64527  
 Exp. 6-30-11  
 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.

### TRAFFIC STRIPES, PAVEMENT MARKING AND PAVEMENT MARKERS PAVEMENT DELINEATION QUANTITIES

LOCATION	DETAIL No. OR PAVEMENT MARKING	THERMOPLASTIC TRAFFIC STRIPE				THERMOPLASTIC PAVEMENT MARKING	PAVEMENT MARKERS		REMOVE							
		4" YELLOW	4" WHITE	8" WHITE	12" WHITE	12" WHITE	RETRO-REFLECTIVE (TYPE H)	RETRO-REFLECTIVE (TYPE G)	REMOVE THERMOPLASTIC TRAFFIC STRIPE			PAVEMENT MARKERS		THERMOPLASTIC PAVEMENT MARKING		
		LF				SQYD	EA		4" YELLOW	4" WHITE	8" WHITE	RETRO-REFLECTIVE (TYPE H)	RETRO-REFLECTIVE (TYPE G)	12" WHITE		
NB & SB	PM 5.6 TO 17.8	125953					2892			125953				2892		
	DETAIL 25															
	DETAIL 27B		108546								108546					
	DETAIL 36		3301	9326				388			3301	9326		388		
	DETAIL 36A		9620	5186				216			9620	5186		216		
	DETAIL 36B		1804	3116				130			1804	3116		130		
SB	PM 17.8					13										13
SB	PM 17.8					33										33
	12" CHEVRON MARKING @ 50' O.C.															
	12" DIAGONAL LINE															
SUBTOTAL		125953	123271	17628		46	2892	734		125953	123271	17628		2892	734	46
TOTAL		249224		17628		46		3626		125953	140899			3626		46

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans**  
 DESIGN  
 FUNCTIONAL SUPERVISOR  
 RONNIE CHUA  
 CALCULATED/DESIGNED BY  
 CHECKED BY  
 EDMOND SIU  
 BA NGUYEN  
 REVISED BY  
 DATE REVISED

## PAVEMENT DELINEATION QUANTITIES

**PDQ-1**

LAST REVISION | DATE PLOTTED => 06-OCT-2010  
 09-13-10 | TIME PLOTTED => 08:42

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans** DESIGN

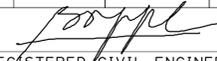
FUNCTIONAL SUPERVISOR  
 RONNIE CHUA

CALCULATED/DESIGNED BY  
 CHECKED BY

EDMOND STU  
 BA N. NGUYEN

REVISED BY  
 DATE REVISED

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	85	5.6/17.8	14	21

 8-10-10  
 REGISTERED CIVIL ENGINEER DATE  
 10-4-10  
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER  
 Ba Nhu Nguyen  
 No. 64527  
 Exp. 6-30-11  
 CIVIL  
 STATE OF CALIFORNIA

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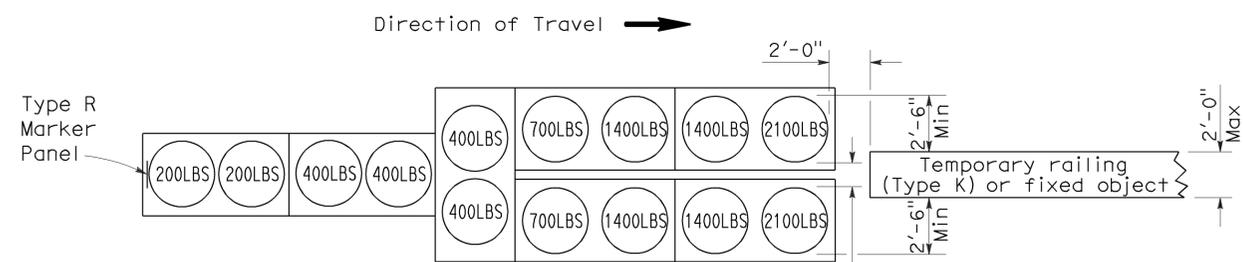
**ROADWAY QUANTITY SUMMARY (SOUTHBOUND AND NORTHBOUND)**

LOCATION	DESCRIPTION	QUANTITY		
		TON	EACH	LNMI
5.6 PM TO 17.80 PM	ASPHALTIC EMULSION (FOG SEAL COAT)	150		
5.6 PM TO 17.80 PM	TEMPORARY DRAINAGE INLET PROTECTION		126	
5.6 PM TO 17.80 PM	CRACK TREATMENT			18
	TOTAL	150	126	18

**SUMMARY OF QUANTITIES**

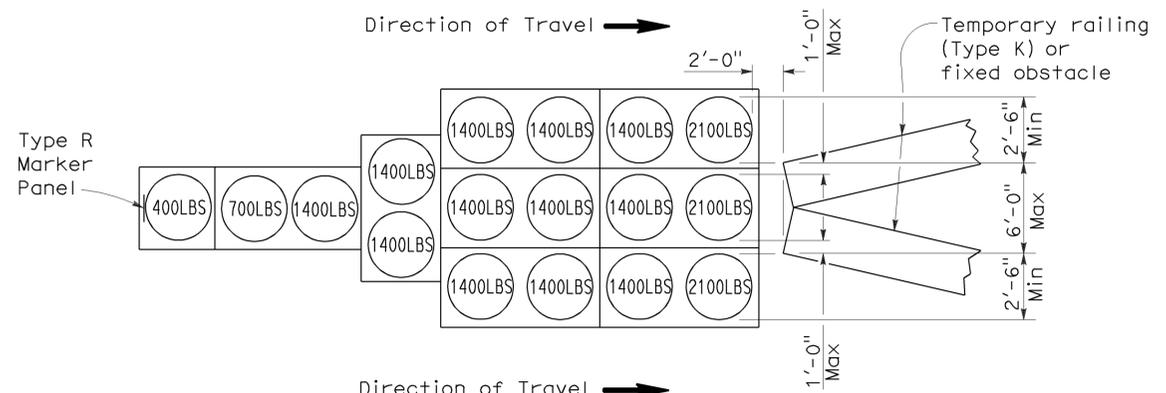
**Q-1**

To accompany plans dated 10-4-10



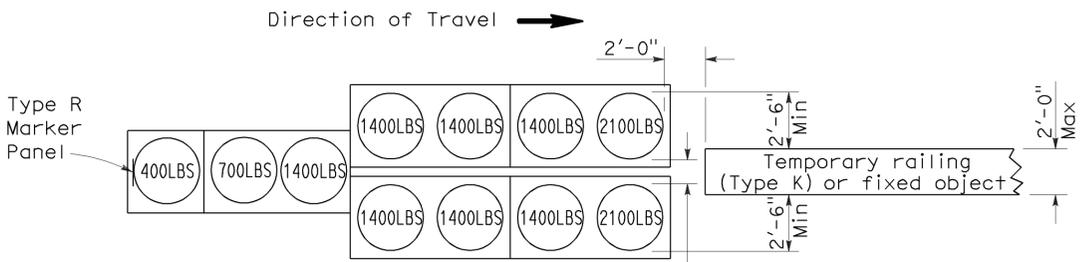
**ARRAY 'TU14'**

Approach speed 45 mph or more



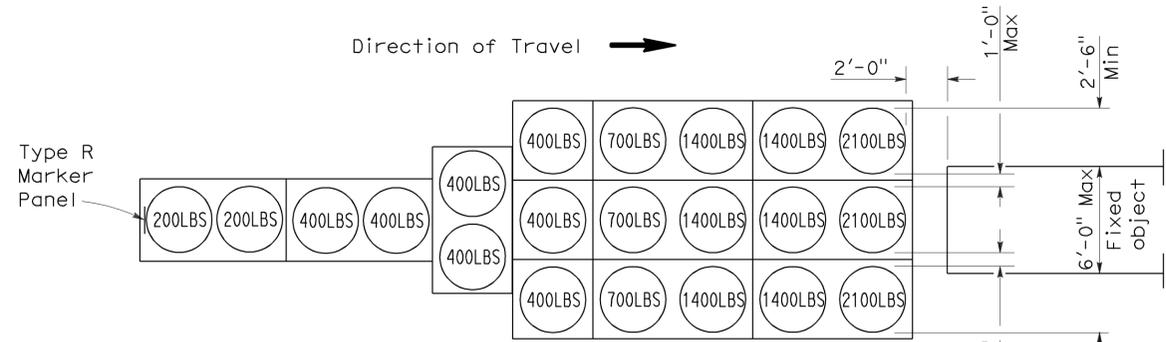
**ARRAY 'TU17'**

Approach speed less than 45 mph



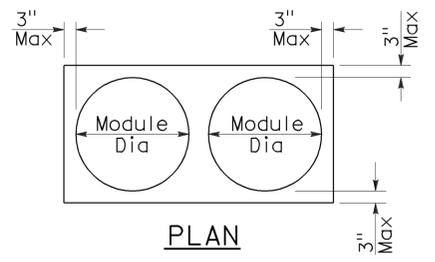
**ARRAY 'TU11'**

Approach speed less than 45 mph

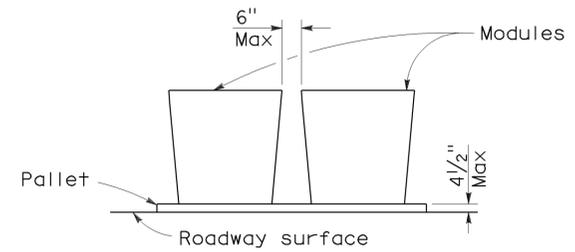


**ARRAY 'TU21'**

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

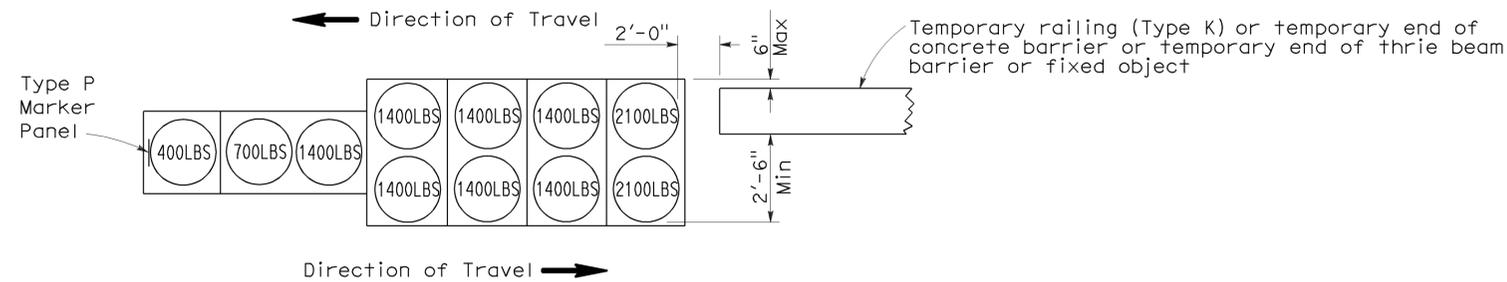
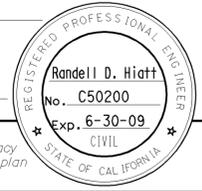
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	SCI	85	5.6/17.8	20	21

Randell D. Hiatt  
REGISTERED CIVIL ENGINEER

June 6, 2008  
PLANS APPROVAL DATE

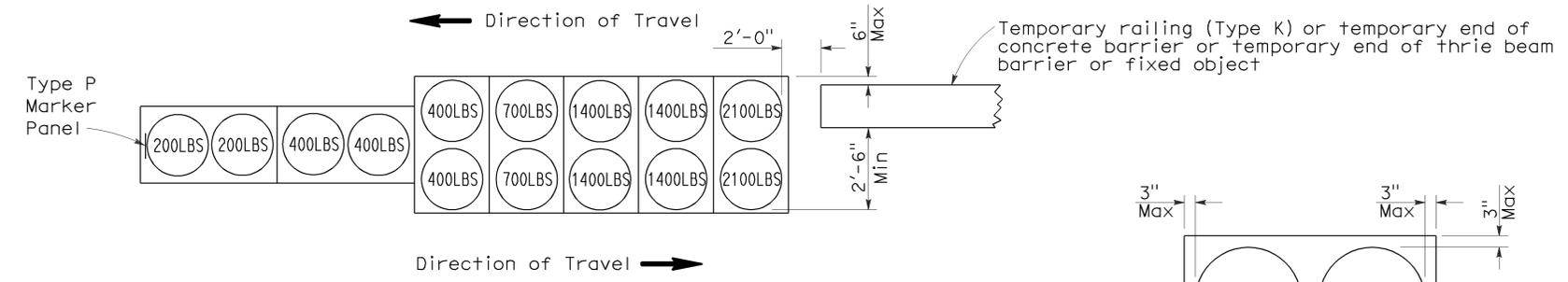
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

To accompany plans dated 10-4-10



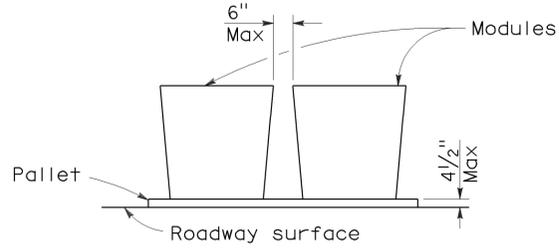
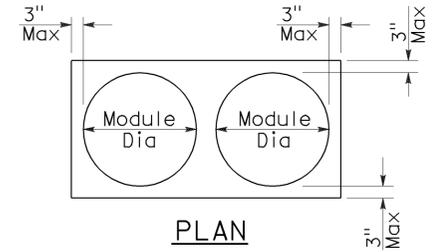
**ARRAY 'TB11'**

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

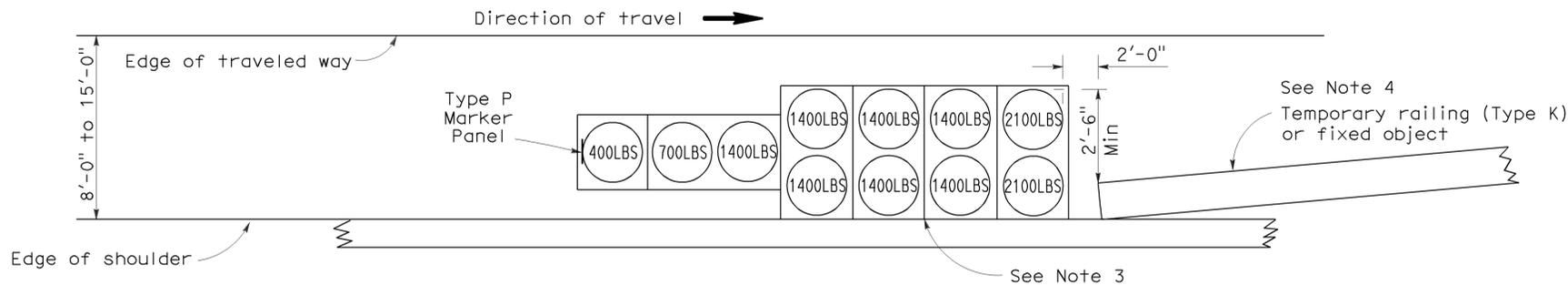
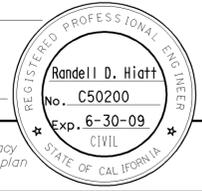
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	SCI	85	5.6/17.8	21	21

*Randell D. Hiatt*  
REGISTERED CIVIL ENGINEER

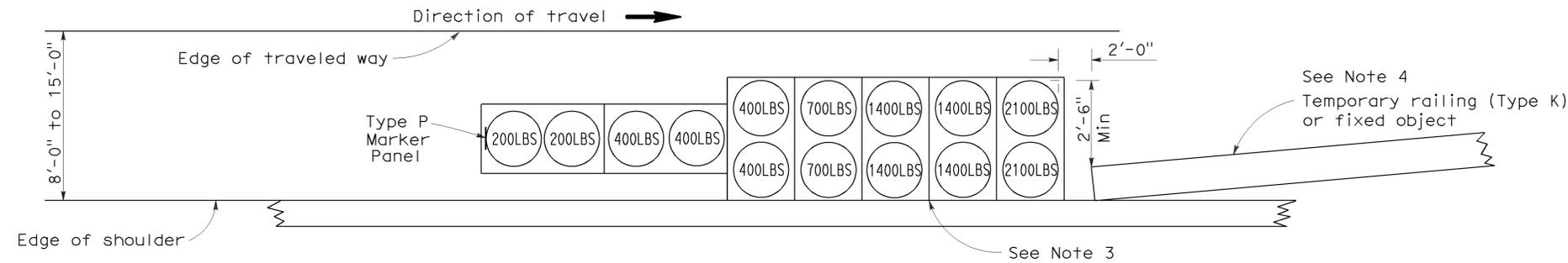
June 6, 2008  
PLANS APPROVAL DATE

*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 10-4-10



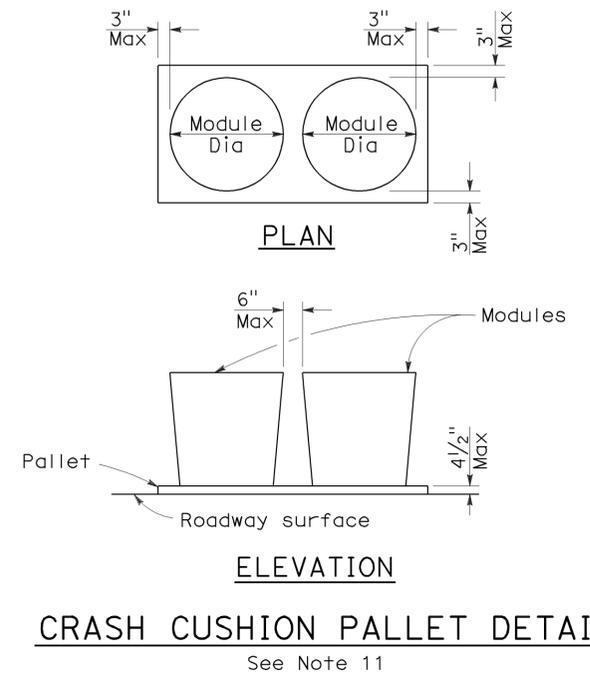
**ARRAY 'TS11'**  
Approach speed less than 45 mph  
See Note 9



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

**NOTES:**

- (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.
- All sand weights are nominal.
- 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.
- 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.
- Temporary crash cushion arrays shall not encroach on the traveled way.
- Arrays for median shoulders shall conform to details shown on this plan for outside shoulders.
- Place the Type P marker panel so that the bottom of the panel rests upon the pallet and faces traffic.
- Refer to Standard Plan A73B for marker details.
- 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.
- Approach speeds indicated conform to NCHRP 350 Report criteria.
- 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

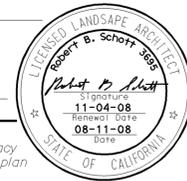
RSP T2 DATED JUNE 6, 2008 SUPERSEDES STANDARD PLAN T2  
DATED MAY 1, 2006 - PAGE 213 OF THE STANDARD PLANS BOOK DATED MAY 2006.

**REVISED STANDARD PLAN RSP T2**

2006 REVISED STANDARD PLAN RSP T2

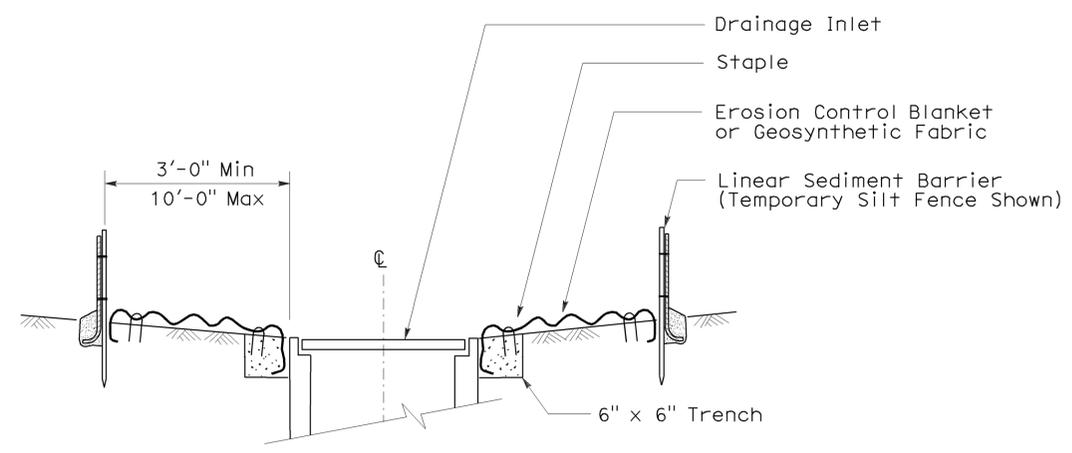
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	SCI	85	5.6/17.8	15	21

Robert B. Schott  
 LICENSED LANDSCAPE ARCHITECT  
 August 15, 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.

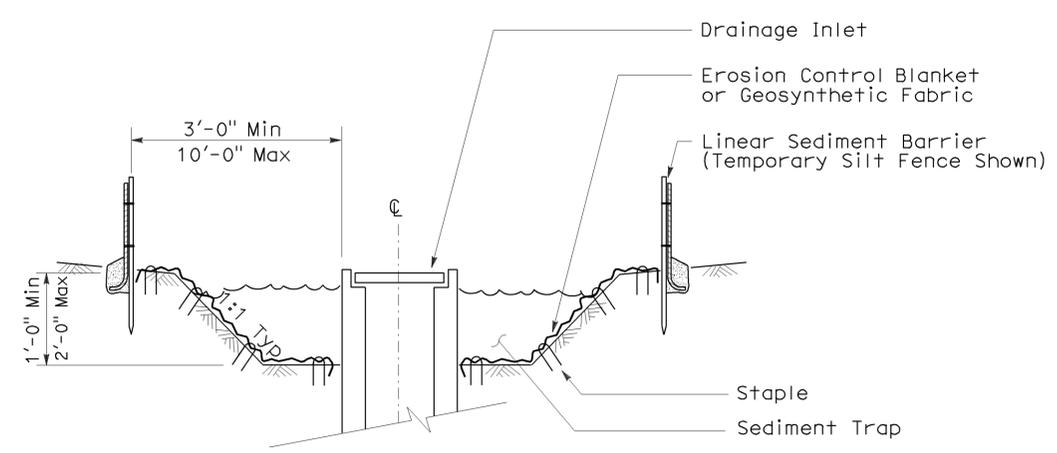


To accompany plans dated 10-4-10

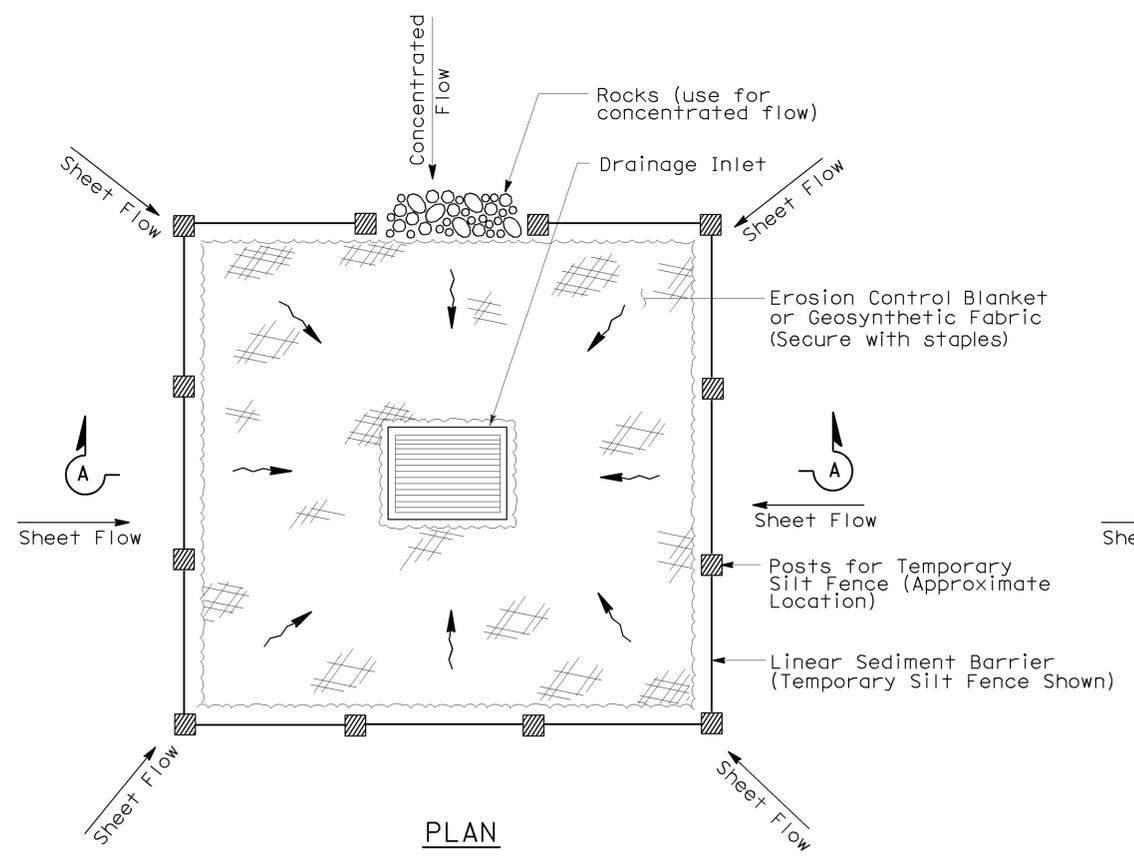
- NOTES:**
- See Standard Plan T51 for Temporary Silt Fence.
  - Dimensions may vary to fit field conditions.



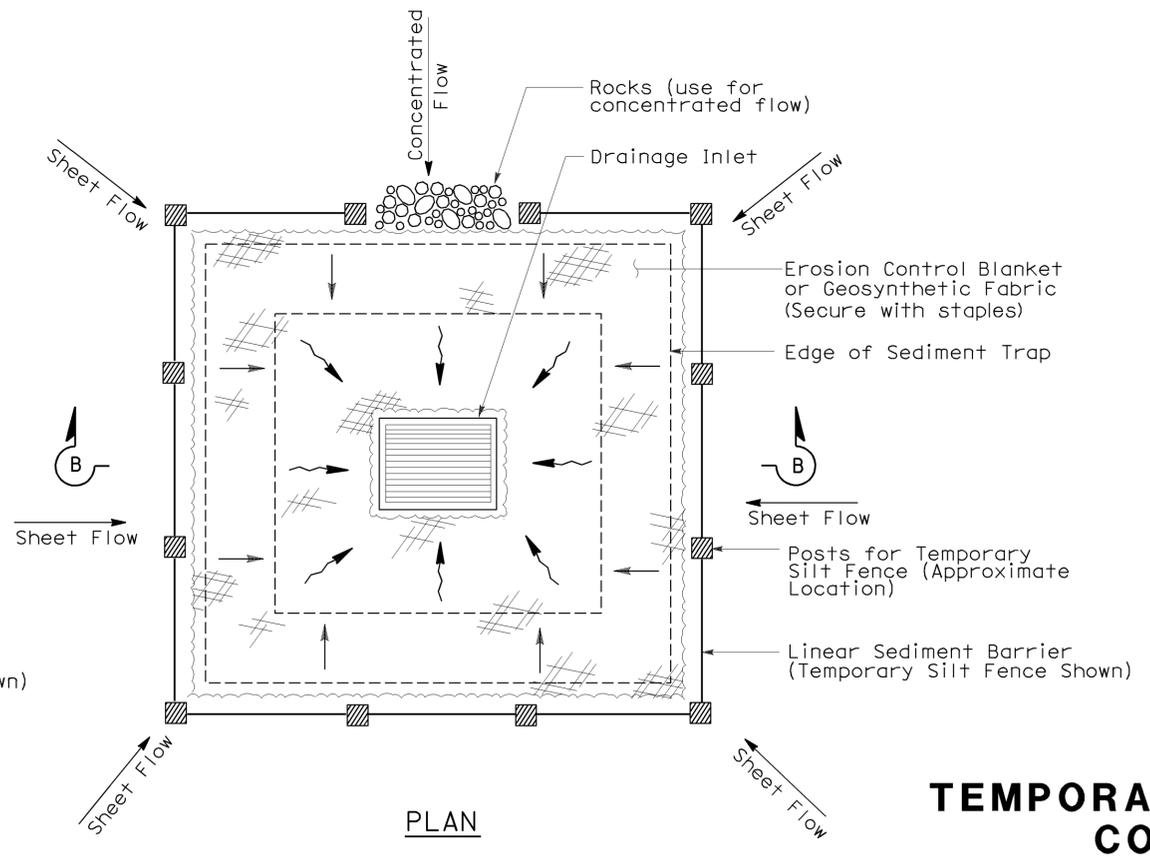
SECTION A-A



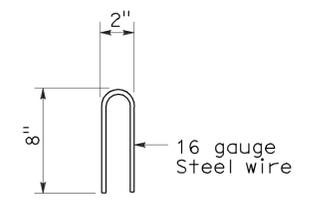
SECTION B-B



TEMPORARY DRAINAGE INLET PROTECTION (TYPE 1)



TEMPORARY DRAINAGE INLET PROTECTION (TYPE 2) (EXCAVATED SEDIMENT TRAP)



STAPLE DETAIL

STATE OF CALIFORNIA  
 DEPARTMENT OF TRANSPORTATION  
**TEMPORARY WATER POLLUTION CONTROL DETAILS**  
**(TEMPORARY DRAINAGE INLET PROTECTION)**  
 NO SCALE

Nsp t61 dated august 15, 2008 supplements the standard plans book dated may 2006.

2006 NEW STANDARD PLAN NSP T61

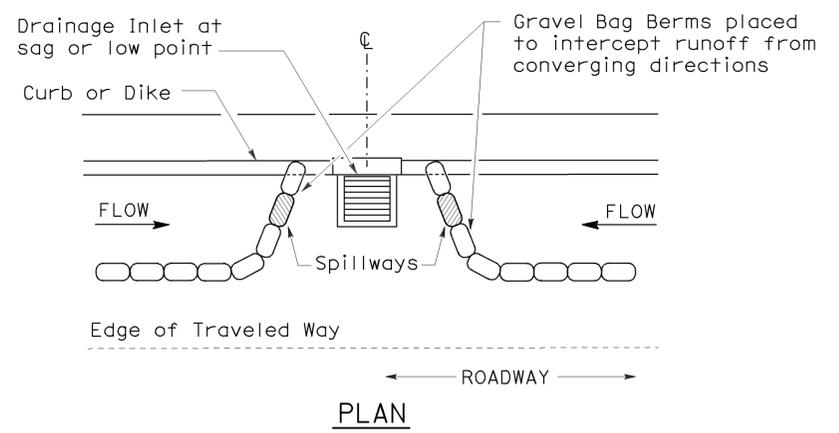


To accompany plans dated 10-4-10

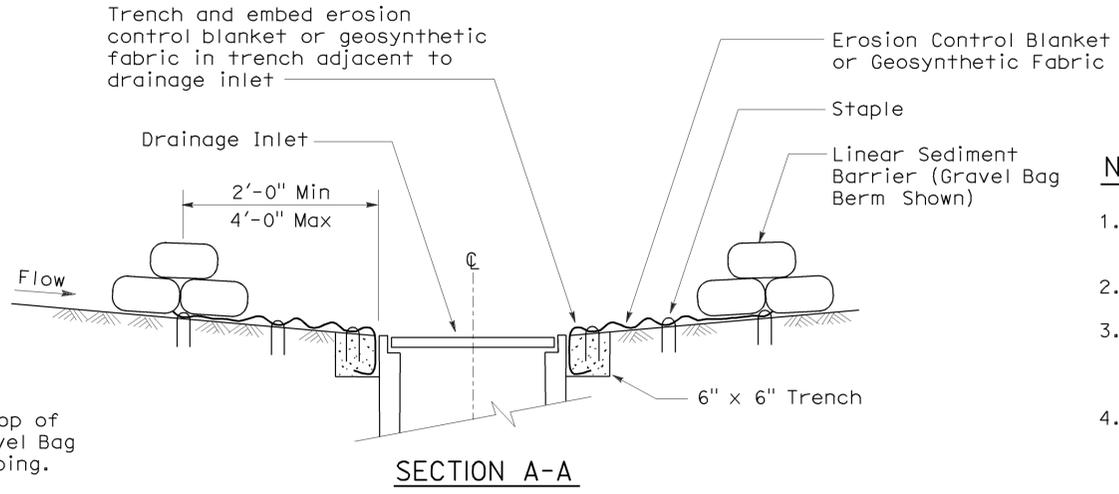
### GRAVEL BAG BERM (TYPE 3A) SPACING TABLE

SLOPE OF ROADWAY (PERCENT)	1 to 3.9	4 to 5.9	6 to 7.9	8 to 10	10+
INTERVAL BETWEEN BERM	100'	75'	50'	25'	12'

For slope of less than 1%, install barriers only if erosion/sediment is prevalent



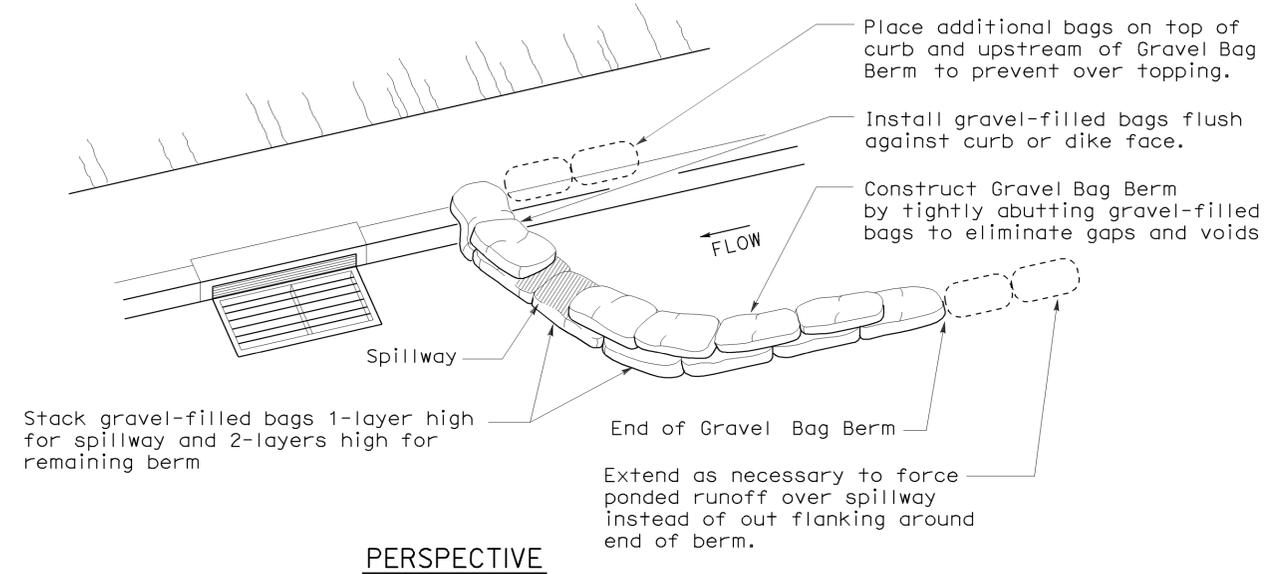
**CONFIGURATION FOR SAG POINT INLET (GRAVEL BAG BERM)**



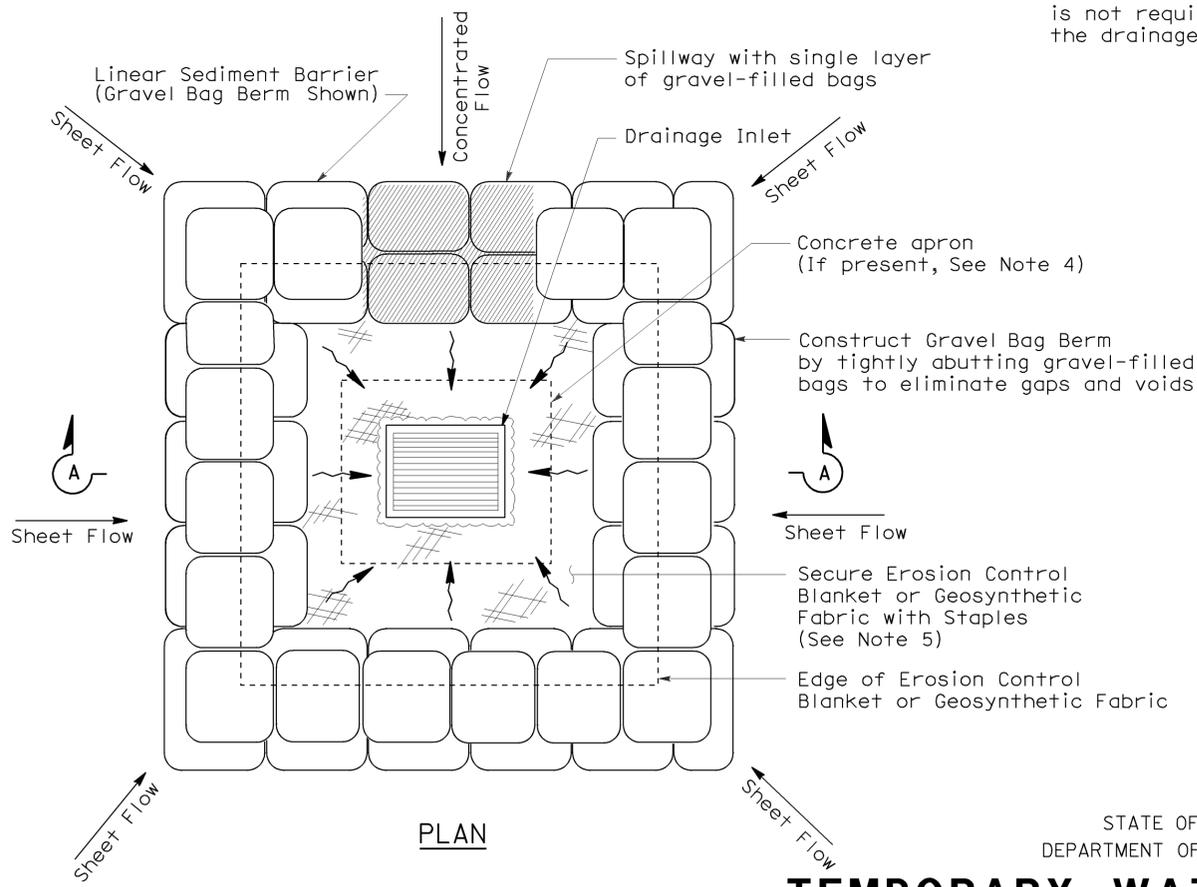
**SECTION A-A**

**NOTES:**

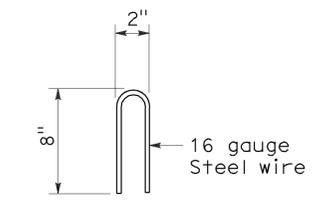
1. Place safety cones adjacent to drainage inlet protection.
2. Dimensions may vary to fit field conditions.
3. Install a minimum of 3 gravel bag berms upstream of each drainage inlet to be protected.
4. Position erosion control blanket or geosynthetic fabric at edge of concrete apron and secure in trench.
5. Erosion control blanket or geosynthetic fabric is not required if the area adjacent to the drainage inlet is vegetated or paved.



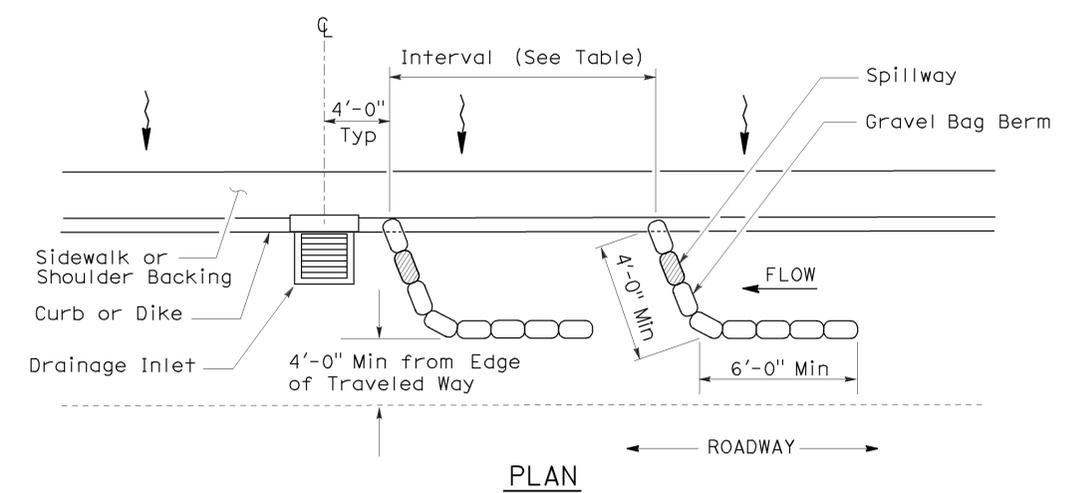
**PERSPECTIVE**



**TEMPORARY DRAINAGE INLET PROTECTION (TYPE 3B)**



**STAPLE DETAIL**



**TEMPORARY DRAINAGE INLET PROTECTION (TYPE 3A) (GRAVEL BAG BERM)**

STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION  
**TEMPORARY WATER POLLUTION CONTROL DETAILS (TEMPORARY DRAINAGE INLET PROTECTION)**

NO SCALE  
NSP T62 DATED AUGUST 15, 2008 SUPPLEMENTS THE STANDARD PLANS BOOK DATED MAY 2006.

2006 NEW STANDARD PLAN NSP T62

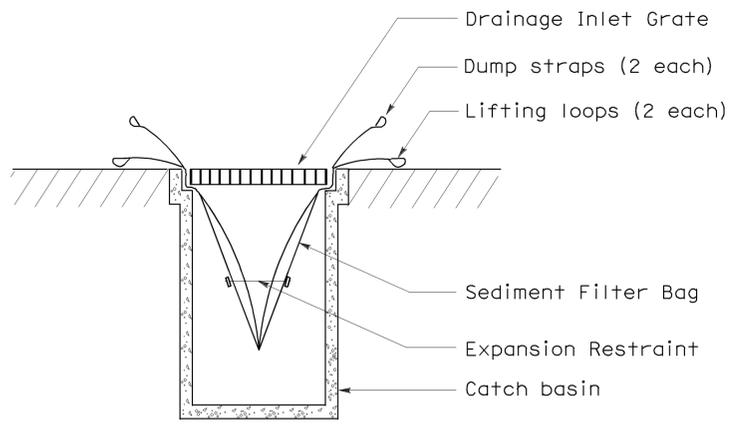
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	SCI	85	5.6/17.8	18	21

*Robert B. Schott*  
 LICENSED LANDSCAPE ARCHITECT

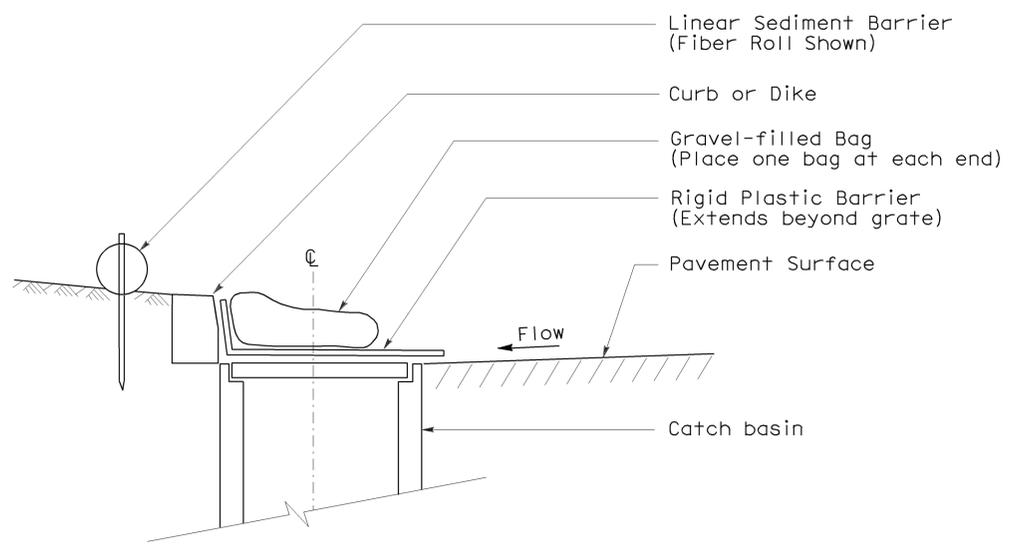
August 15, 2008  
 PLANS APPROVAL DATE

*Robert B. Schott*  
 LICENSED LANDSCAPE ARCHITECT  
 Signature: *Robert B. Schott*  
 Renewal Date: 11-04-08  
 Date: 08-11-08

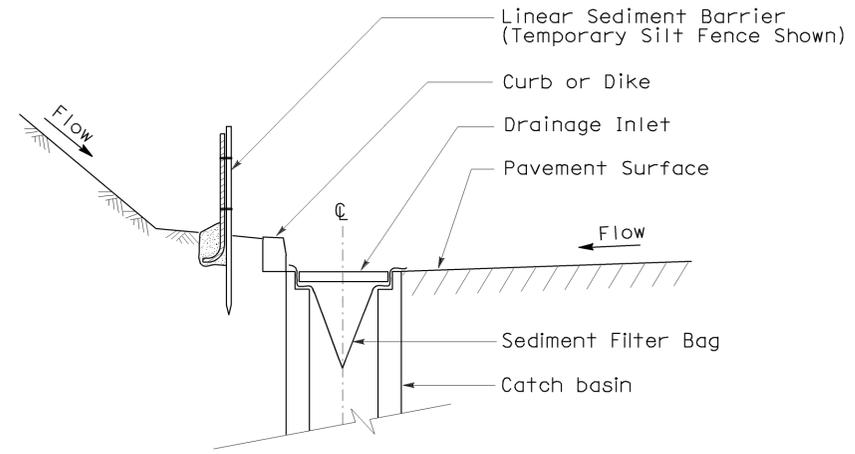
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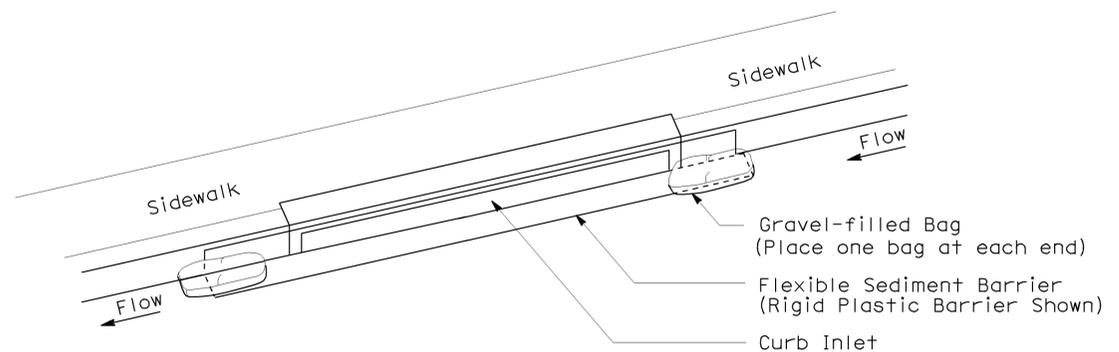
SECTION B-B  
SEDIMENT FILTER BAG DETAIL



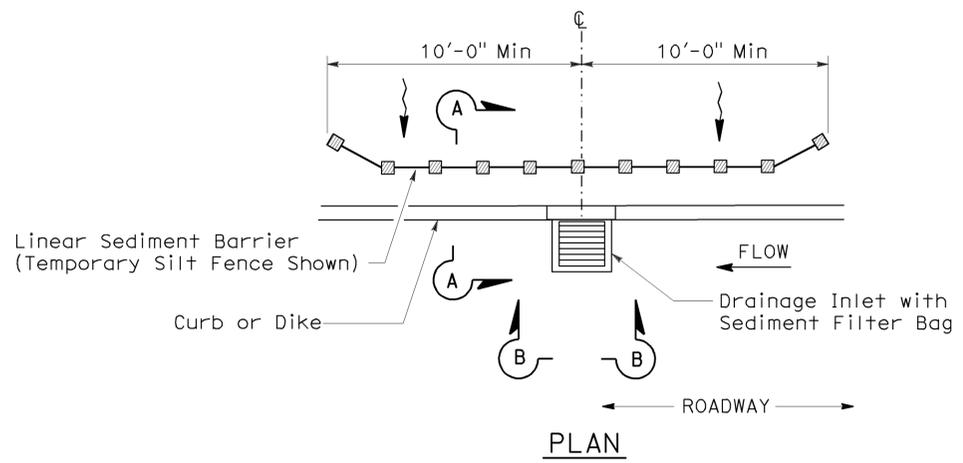
SECTION  
TEMPORARY DRAINAGE  
INLET PROTECTION (TYPE 6A)  
(CATCH BASIN WITH GRATE)



SECTION A-A



PERSPECTIVE  
TEMPORARY DRAINAGE  
INLET PROTECTION (TYPE 6B)  
(CURB INLET WITHOUT GRATE)



PLAN  
TEMPORARY DRAINAGE  
INLET PROTECTION (TYPE 5)  
(SEDIMENT FILTER BAG)

**NOTES:**

1. See Standard Plan T51 for Temporary Silt Fence.
2. Dimensions may vary to fit field conditions.

To accompany plans dated 10-4-10

STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION  
**TEMPORARY WATER POLLUTION  
CONTROL DETAILS  
(TEMPORARY DRAINAGE  
INLET PROTECTION)**

NO SCALE  
NSP T64 DATED AUGUST 15, 2008 SUPPLEMENTS  
THE STANDARD PLANS BOOK DATED MAY 2006.

FLEXIBLE SEDIMENT BARRIER SPACING TABLE

SLOPE OF ROADWAY (PERCENT)	0 to 0.9	1 to 1.9	2 to 2.9	3 to 4	5+
INTERVAL BETWEEN BARRIERS	50'	35'	30'	25'	20'
ANGLE FROM FACE OF CURB	70°	70°	70°	45°	45°
SUGGESTED BARRIER LENGTH	6'	6'	6'	6'	6'

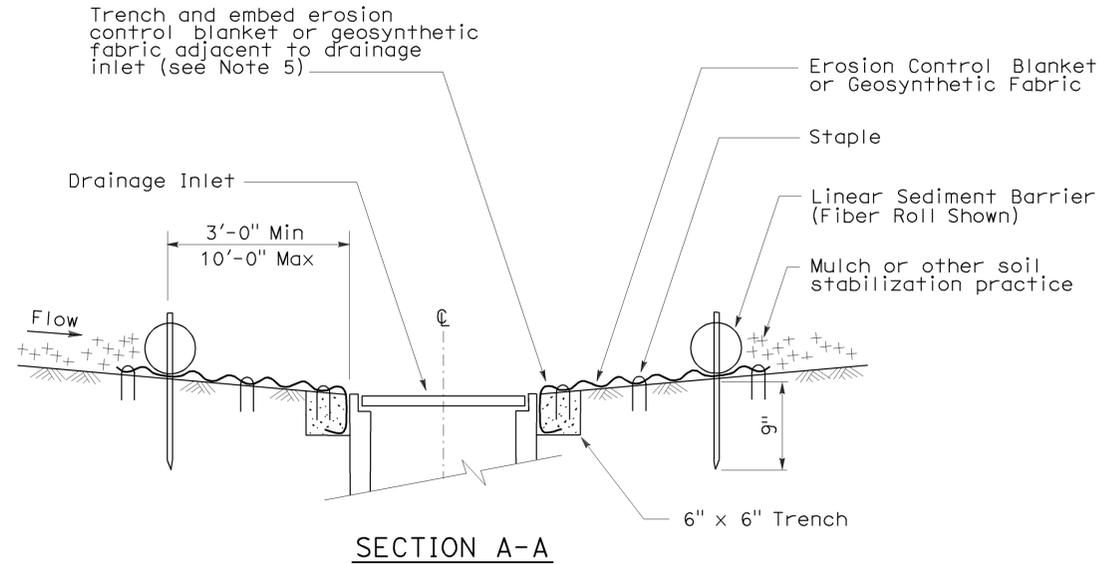
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	SCI	85	5.6/17.8	17	21

Robert B. Schott  
 LICENSED LANDSCAPE ARCHITECT

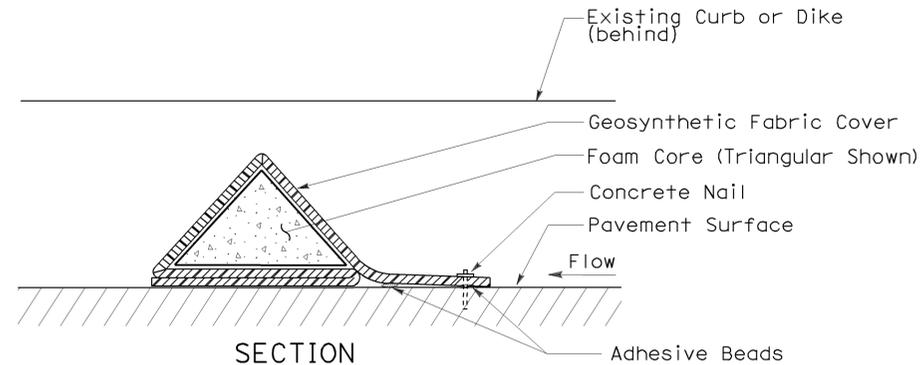
August 15, 2008  
 PLANS APPROVAL DATE

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To accompany plans dated 10-4-10



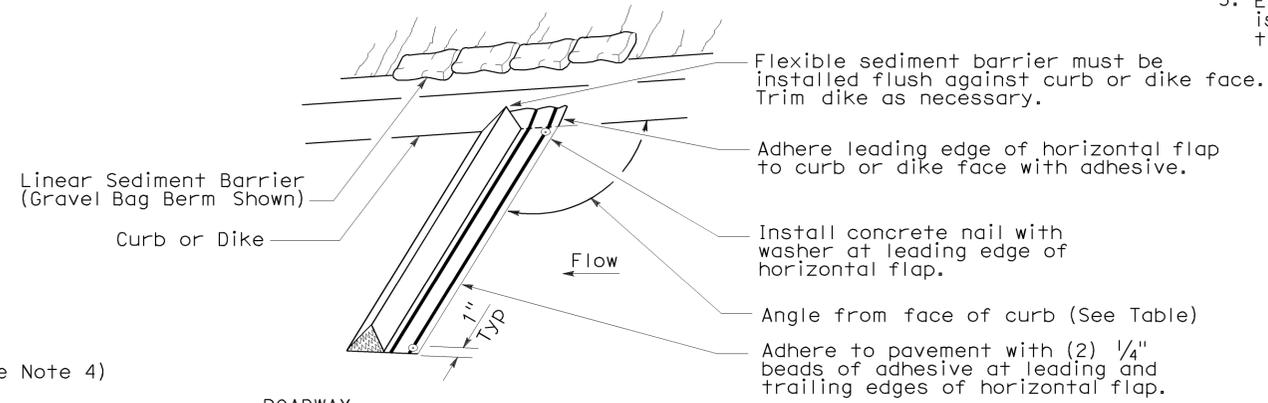
SECTION A-A



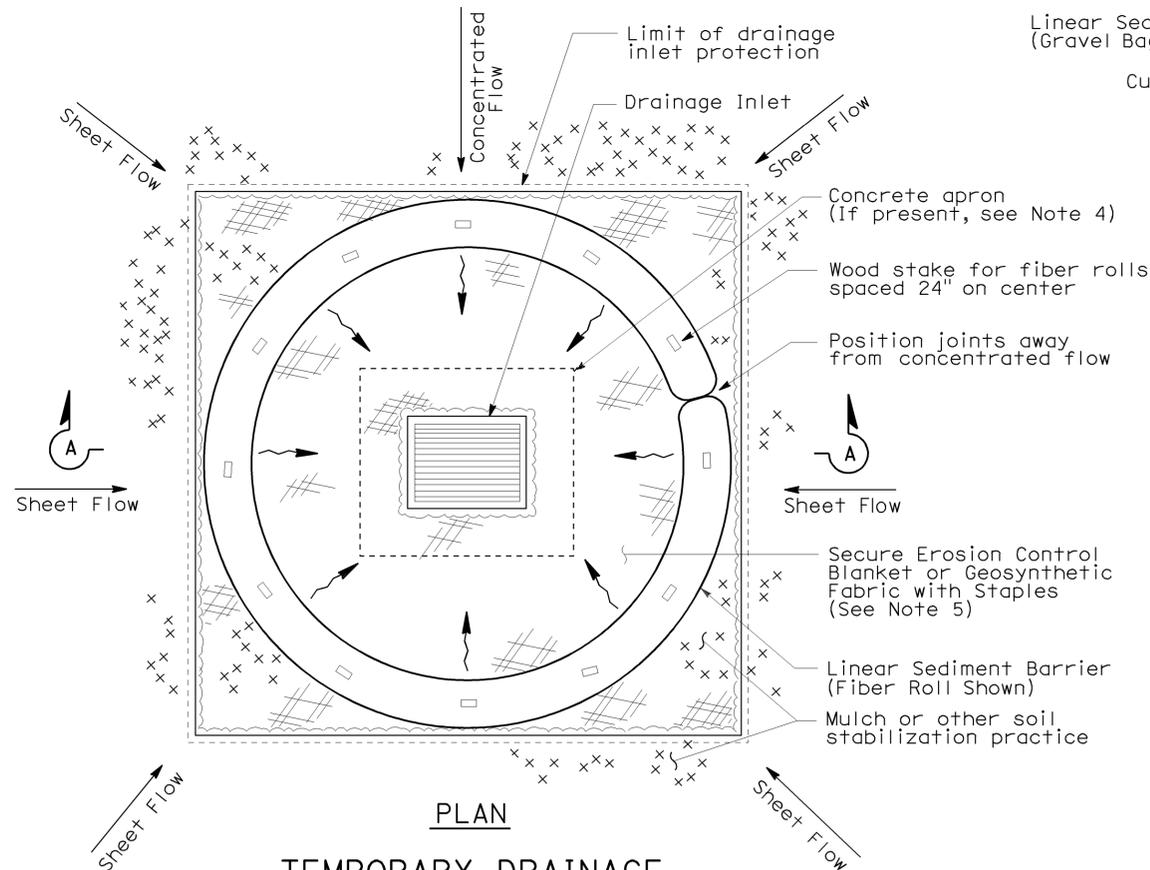
SECTION  
 FLEXIBLE SEDIMENT BARRIER DETAIL  
 (FOAM BARRIER SHOWN)

NOTES:

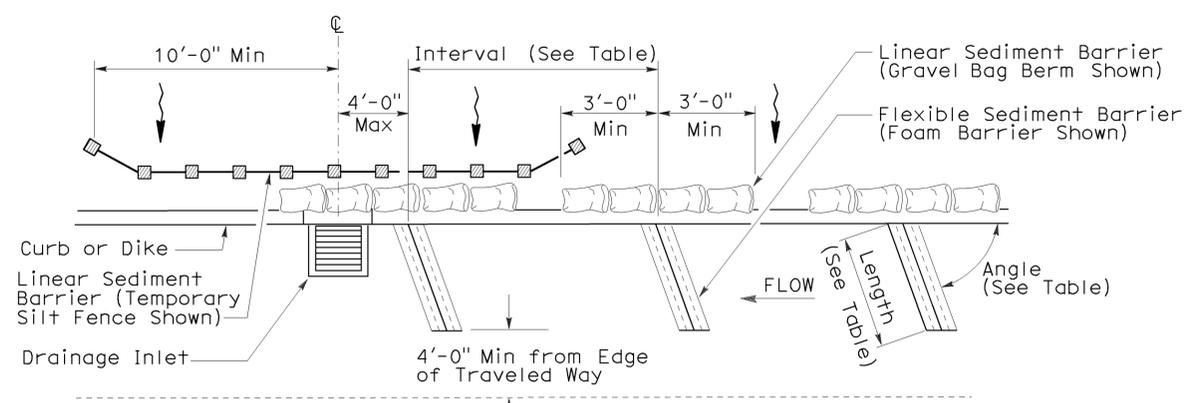
- See Standard Plan T51 for Temporary Silt Fence.
- Dimensions may vary to fit field conditions.
- Install a minimum of 3 flexible sediment barriers upstream of each drainage inlet to be protected.
- Position erosion control blanket or geosynthetic fabric at edge of concrete apron and secure in trench.
- Erosion control blanket or geosynthetic fabric is not required if the area adjacent to the drainage inlet is vegetated.



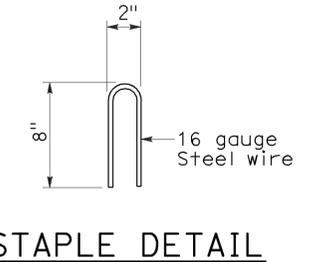
PERSPECTIVE



PLAN  
 TEMPORARY DRAINAGE  
 INLET PROTECTION (TYPE 4A)



PLAN  
 TEMPORARY DRAINAGE  
 INLET PROTECTION (TYPE 4B)  
 FLEXIBLE SEDIMENT BARRIER



STATE OF CALIFORNIA  
 DEPARTMENT OF TRANSPORTATION

**TEMPORARY WATER POLLUTION  
 CONTROL DETAILS  
 (TEMPORARY DRAINAGE  
 INLET PROTECTION)**

NO SCALE  
 NSP T63 DATED AUGUST 15, 2008 SUPPLEMENTS  
 THE STANDARD PLANS BOOK DATED MAY 2006.

2006 NEW STANDARD PLAN NSP T63