Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	Pla,Sac Sut,Yub	5,20,50 80	Var	1	10

STATE OF CALIFORNIA

DEPARTMENT OF TRANSPORTATION

PROJECT PLANS FOR CONSTRUCTION ON

STATE HIGHWAY

IN PLACER, SACRAMENTO, SUTTER AND YUBA COUNTIES AT VARIOUS LOCATIONS

TO BE SUPPLEMENTED BY STANDARD PLANS DATED 2010

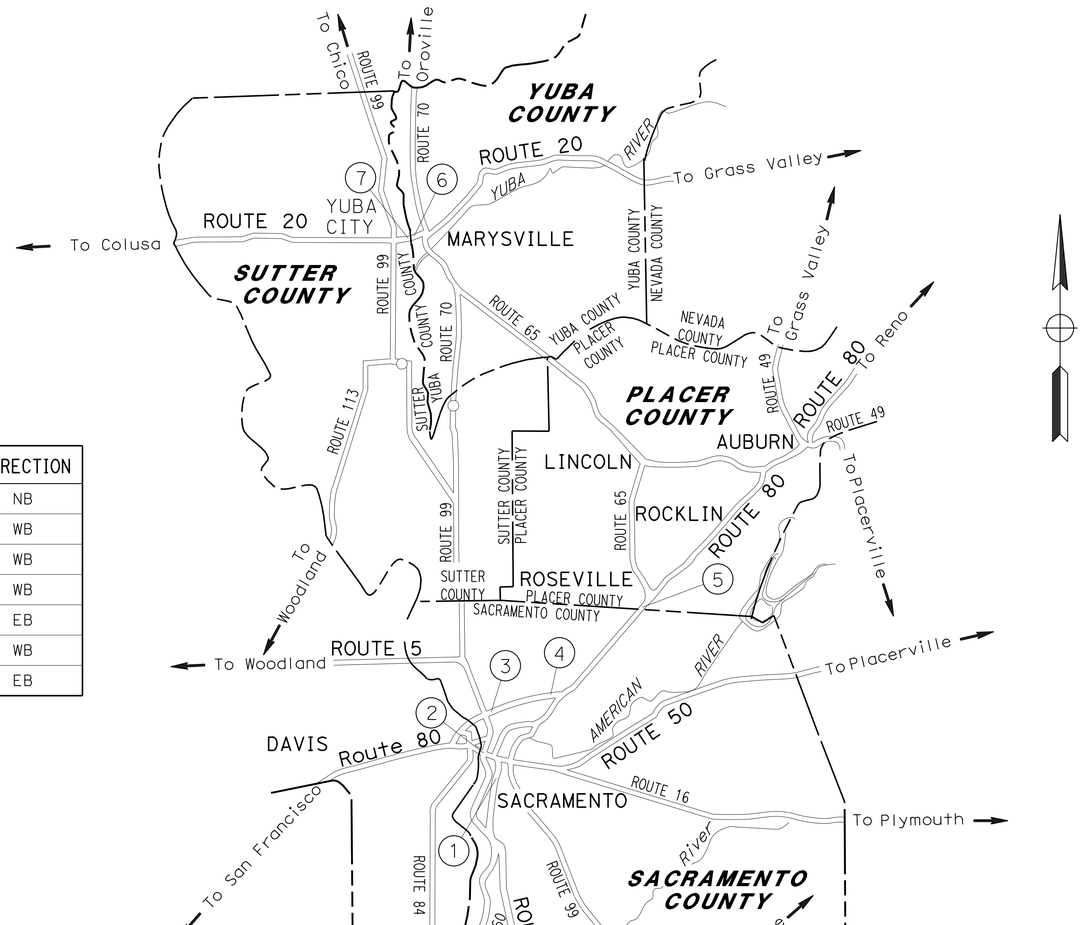
INDEX OF PLANS

SHEET No.	DESCRIPTION
1	TITLE AND LOCATION MAP
2-5	CONSTRUCTION DETAILS
6	CONSTRUCTION AREA SIGNS
7	SUMMARY OF QUANTITIES
8-10	TRAFFIC CONTROL SYSTEMS

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

LOCATIONS OF CONSTRUCTION

Loc No. ⊕	COUNTY	ROUTE	PM	DIRECTION
1	Sac	5	22.00	NB
2	Sac	50	L0.70	WB
3	Sac	80	M2.87	WB
4	Sac	80	M10.53	WB
5	Pla	80	1.90	EB
6	Yub	20	0.40	WB
7	Sut	20	17.00	EB



LOCATION MAP

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

PROJECT MANAGER BRIAN TOEPFER

DESIGN ENGINEER STEPHEN WRIGHT

2-13-13
PROJECT ENGINEER DATE
REGISTERED CIVIL ENGINEER

February 25, 2013
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER ERIC NORMAN SOUZA No. 75706 Exp. 6/30/14 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.

CONTRACT No.	03-4M7704
PROJECT ID	0313000063

LAST REVISION 01-18-13 DATE PLOTTED => 26-FEB-2013 TIME PLOTTED => 13:28

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	Pla,Sac Sut,Yub	5,20 50,80	Var	2	10

REGISTERED CIVIL ENGINEER 2-13-13 DATE

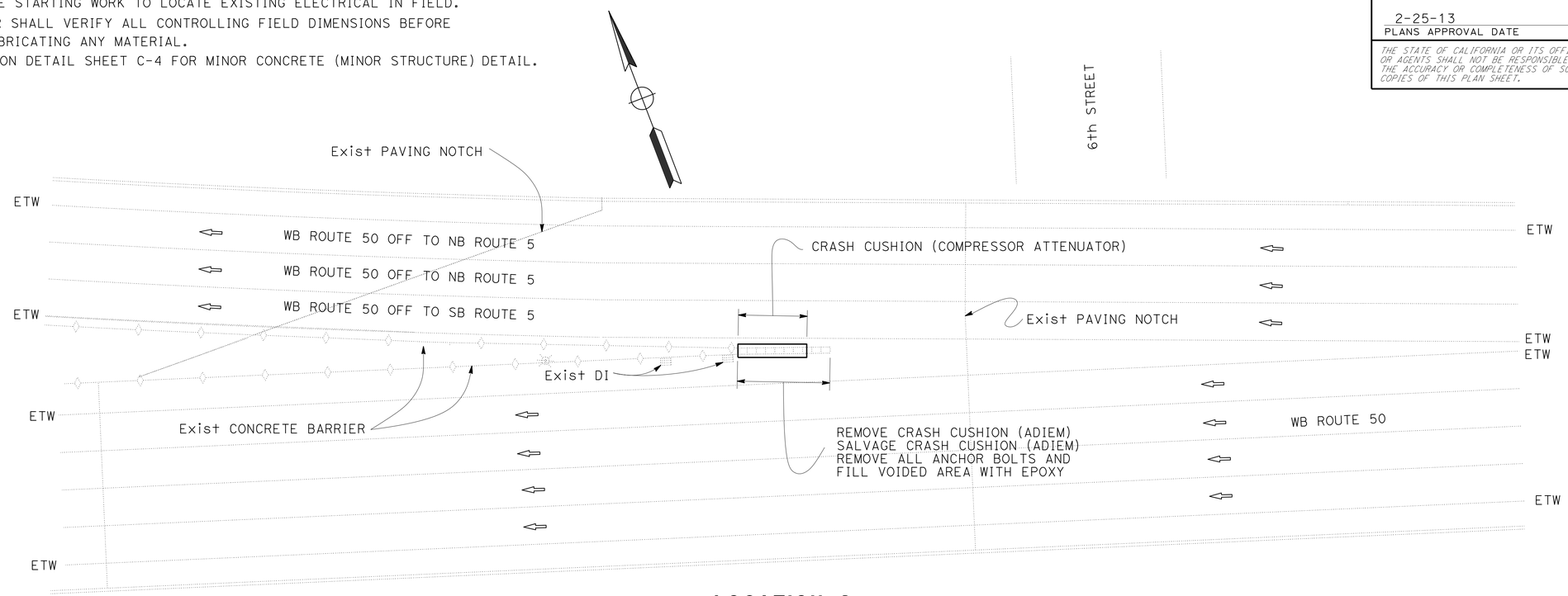
2-25-13
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER ERIC NORMAN SOUZA No. 75706 Exp. 6/30/14 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.

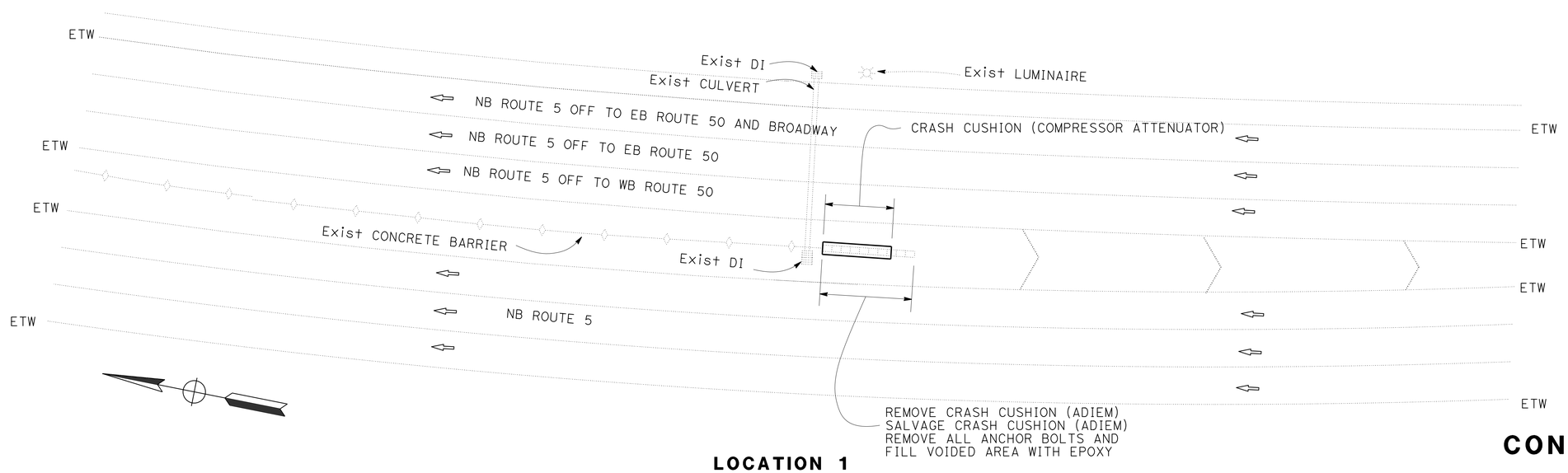
NOTES:

1. FOR DETAILS NOT SHOWN, SEE STANDARD PLANS A76F AND T3A.
2. SEE MANUFACTURER'S PLANS FOR CRASH CUSHION INSTALLATION DETAILS.
3. EXISTING ULTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.
4. SEE SHEET C-2 FOR EXISTING CALTRANS ELECTRICAL. COORDINATE WITH ENGINEER BEFORE STARTING WORK TO LOCATE EXISTING ELECTRICAL IN FIELD.
5. THE CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.
6. SEE CONSTRUCTION DETAIL SHEET C-4 FOR MINOR CONCRETE (MINOR STRUCTURE) DETAIL.



LOCATION 2

Sac 50 - PM L0.70 - WESTBOUND



LOCATION 1

Sac 5 - PM 22.0 - NORTHBOUND

CONSTRUCTION DETAILS

NO SCALE

C-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
TRAFFIC

FUNCTIONAL SUPERVISOR: STEPHEN WRIGHT
CALCULATED-DESIGNED BY: A. G. CHIN
CHECKED BY: ERIC SOUZA
REVISED BY
DATE REVISED

LAST REVISION 02-06-13
DATE PLOTTED => 26-FEB-2013
TIME PLOTTED => 13:28

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	Pla,Sac Sut,Yub	5,20 50,80	Var	3	10

REGISTERED CIVIL ENGINEER 2-13-13 DATE

2-25-13
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER ERIC NORMAN SOUZA No. 75706 Exp. 6/30/14 CIVIL STATE OF CALIFORNIA

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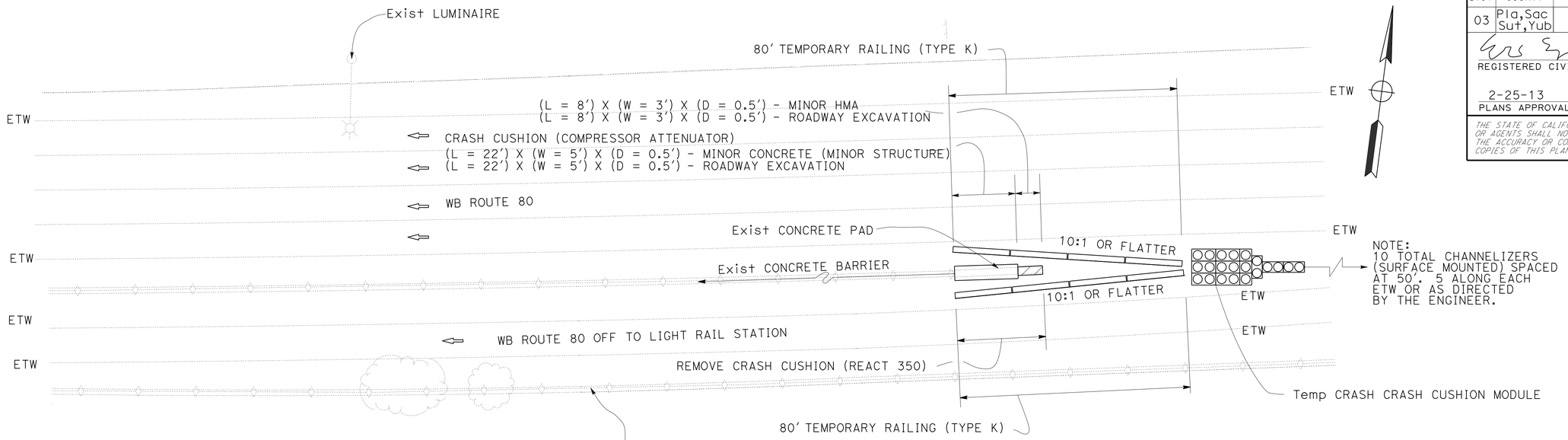
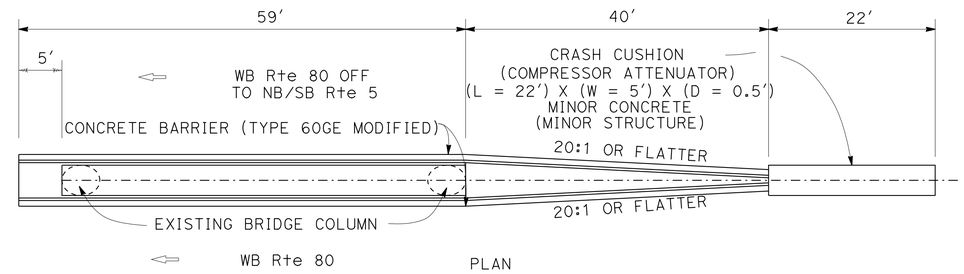
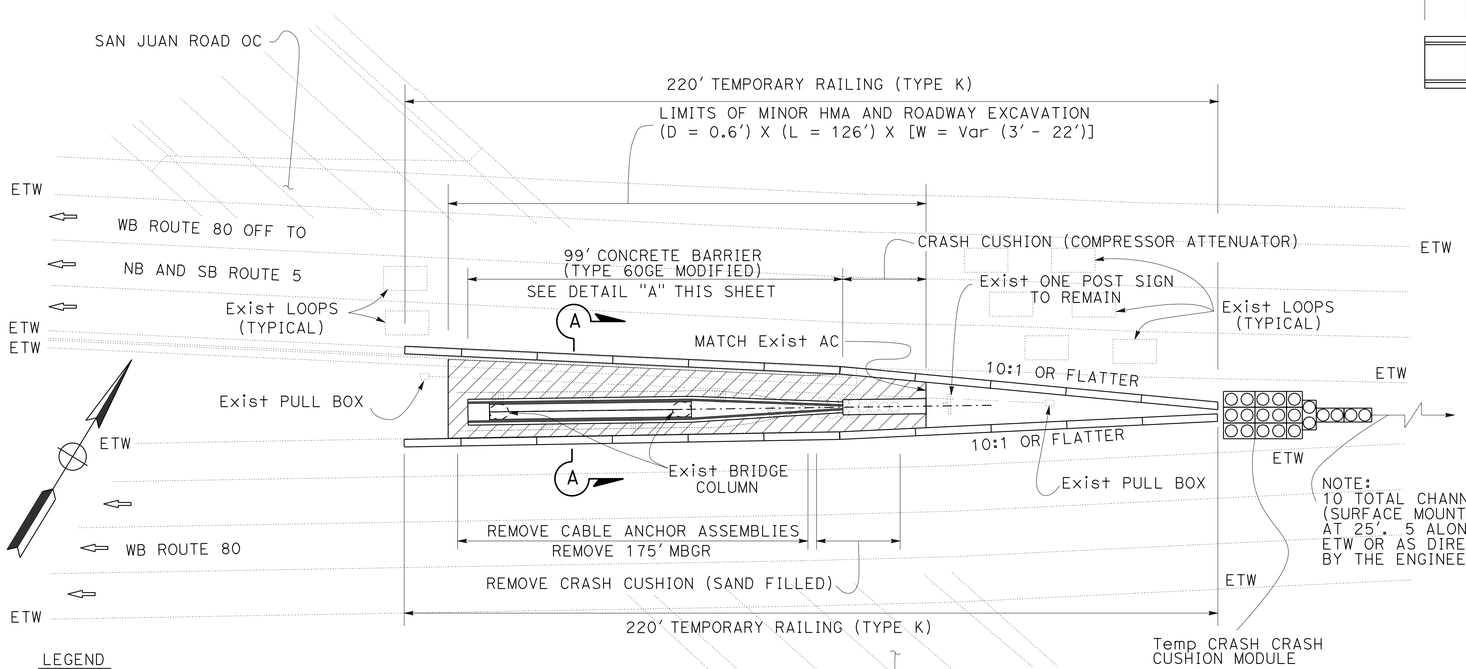


LOCATION 4

Sac 80 - PM M10.53 - WESTBOUND

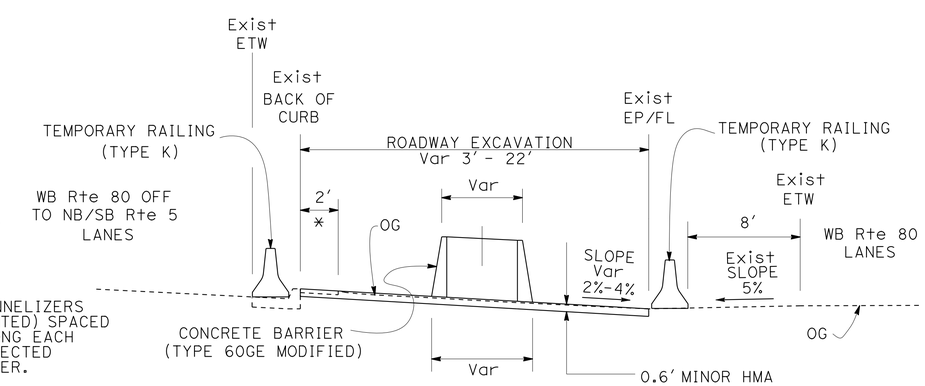


DETAIL "A"



LOCATION 3

Sac 80 - PM M2.87 - WESTBOUND



SECTION A-A

* REMOVE 96' X 2' Exist AC, QUANTITY INCLUDED IN ROADWAY EXCAVATION.

CONSTRUCTION DETAILS

NO SCALE

C-2

REVISED BY	DATE REVISED
A. G. CHIN	ERIC SOUZA
CALCULATED-DESIGNED BY	CHECKED BY
FUNCTIONAL SUPERVISOR	STEPHEN WRIGHT

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans® TRAFFIC

LAST REVISION 02-06-13 | DATE PLOTTED => 26-FEB-2013 TIME PLOTTED => 13:28

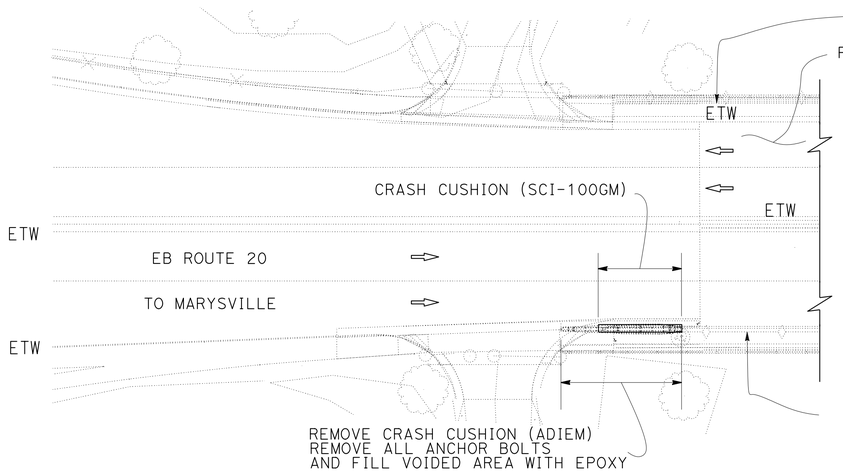
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	Pla,Sac Sut,Yub	5,20 50,80	Var	4	10

REGISTERED CIVIL ENGINEER 2-13-13 DATE

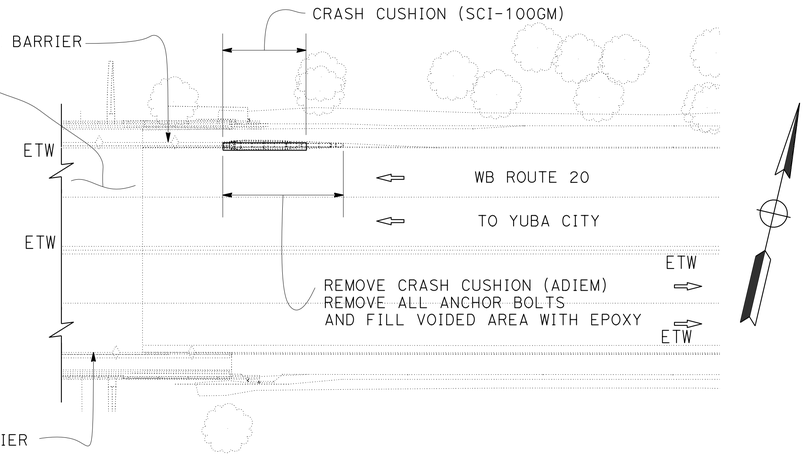
2-25-13
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER ERIC NORMAN SOUZA No. 75706 Exp. 6/30/14 CIVIL STATE OF CALIFORNIA

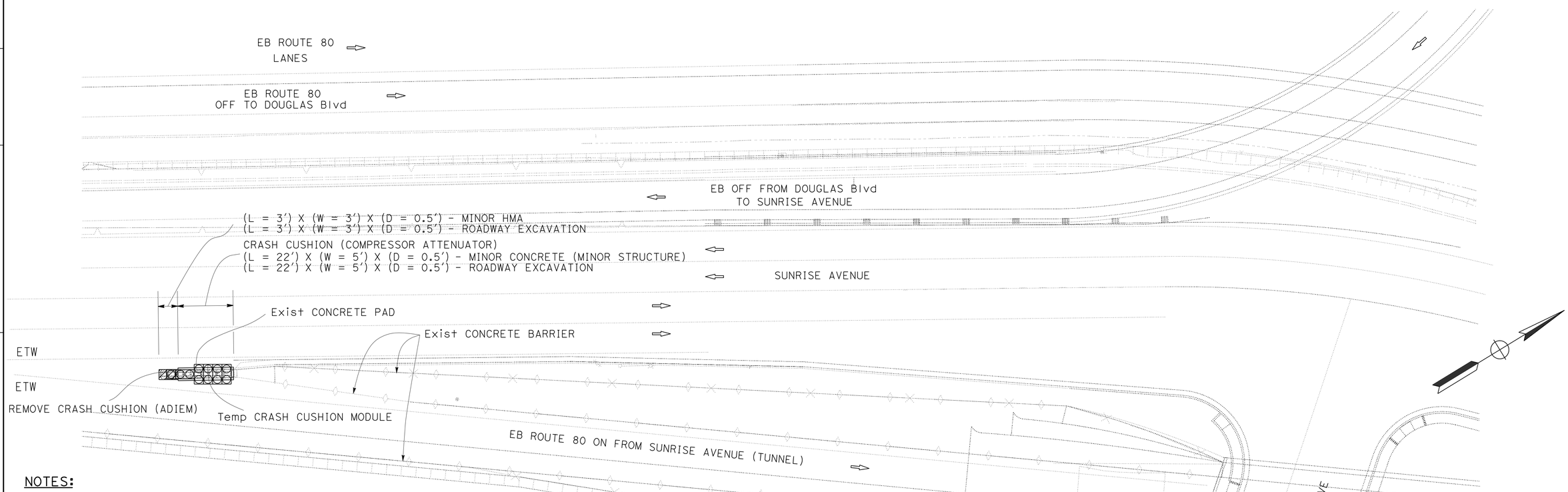
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



LOCATION 7
Sut 20 - PM 17.00 - EASTBOUND



LOCATION 6
Yub 20 - PM 0.40 - WESTBOUND



NOTES:

1. REMOVE CRASH CUSHION (ADIEM) PRIOR TO INSTALLING Temp CRASH CUSHION MODULE.
2. REMOVE Temp CRASH CUSHION MODULE PRIOR TO INSTALLING CRASH CUSHION (COMPRESSOR ATTENUATOR).

LOCATION 5
Pla 80 - PM 1.90 - EASTBOUND

CONSTRUCTION DETAILS
NO SCALE

C-3

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
TRAFFIC

FUNCTIONAL SUPERVISOR: STEPHEN WRIGHT
CALCULATED-DESIGNED BY: A. G. CHIN
CHECKED BY: ERIC SOUZA
REVISED BY
DATE REVISED

LAST REVISION 02-06-13
DATE PLOTTED => 26-FEB-2013
TIME PLOTTED => 13:28

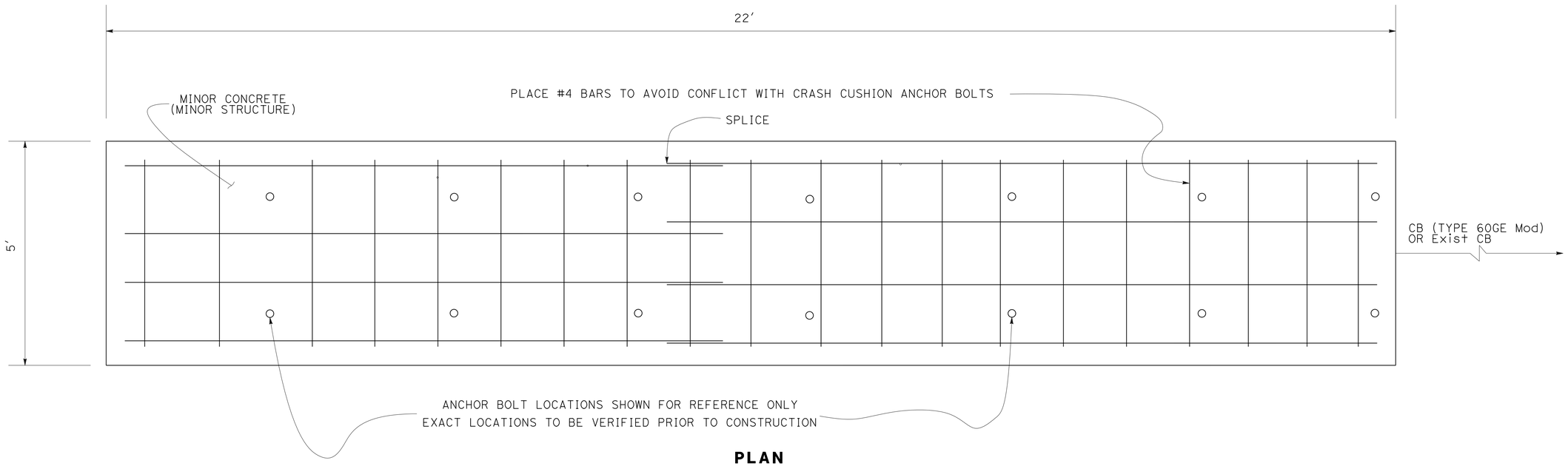
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	Pla,Sac Sut,Yub	5,20 50,80	Var	5	10

REGISTERED CIVIL ENGINEER 2-13-13 DATE

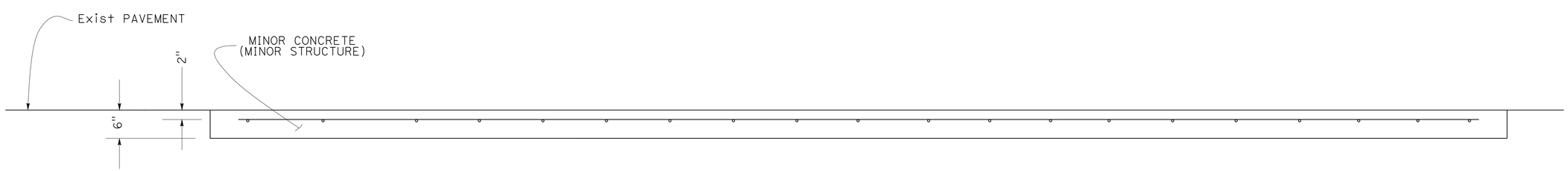
2-25-13
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
ERIC NORMAN SOUZA
No. 75706
Exp. 6/30/14
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.



PLAN



CONCRETE PAD FOR CRASH CUSHION (COMPRESSOR ATTENUATOR)

ELEVATION

LOCATION : 3, 4, AND 5

CONSTRUCTION DETAILS

NO SCALE

C-4

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans®
TRAFFIC

FUNCTIONAL SUPERVISOR: STEPHEN WRIGHT
CALCULATED-DESIGNED BY: A. G. CHIN
CHECKED BY: ERIC SOUZA
REVISED BY
DATE REVISED

LAST REVISION 02-06-13
DATE PLOTTED => 26-FEB-2013
TIME PLOTTED => 13:28

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	Pla,Sac Sut,Yub	5,20 50,80	Var	6	10

REGISTERED CIVIL ENGINEER 2-13-13 DATE

2-25-13
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER ERIC NORMAN SOUZA No. 75706 Exp. 6/30/14 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.

STATIONARY MOUNTED CONSTRUCTION AREA SIGNS

SIGN LETTER	SIGN CODE CALIFORNIA	PANEL SIZE	SIGN MESSAGE	NUMBER OF POST AND SIZE	NUMBER OF SIGNS
A	C24	48" x 48"	SHOULDER WORK AHEAD	1 - 6" X 6"	4
B	C14	48" x 24"	END ROAD WORK	1 - 4" X 6"	6
C	C30A	48" x 48"	SHOULDER CLOSED	1 - 6" X 6"	4

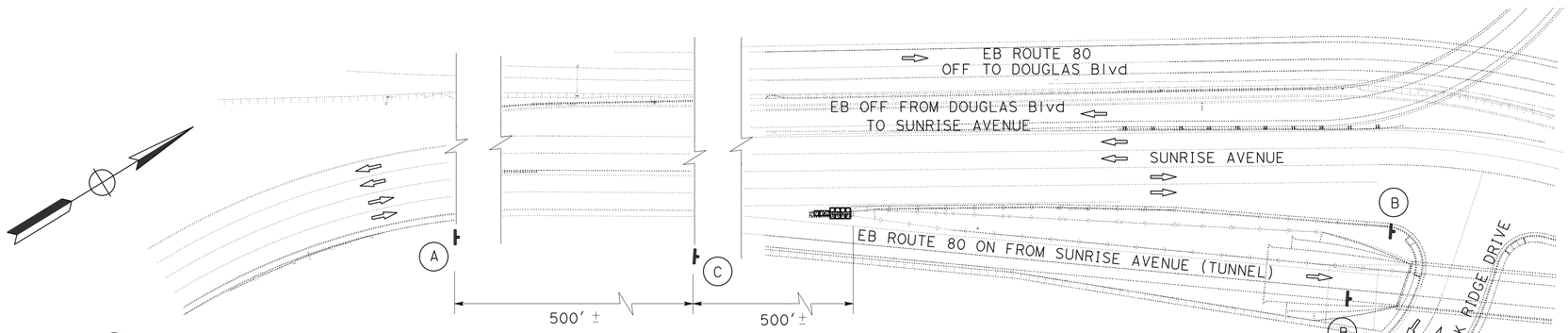
NOTE : EXACT SIGN LOCATIONS TO BE DETERMINED BY THE ENGINEER.

NOTE:

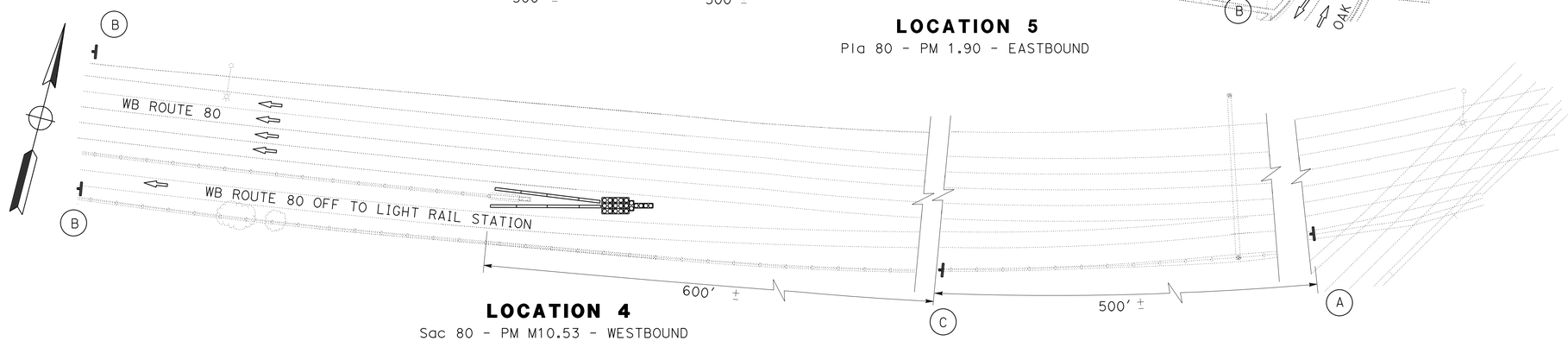
1. FOR EXACT LOCATION OF TEMPORARY RAILING (TYPE K) AND TEMPORARY CRASH CUSHION MODULES SEE CONSTRUCTION DETAILS SHEET.

LEGEND

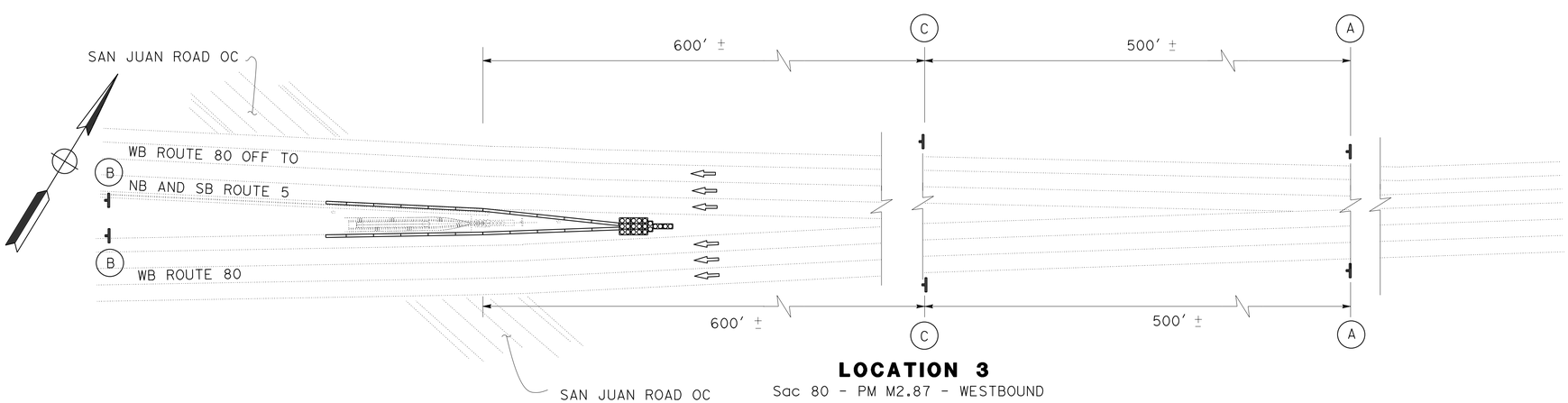
(X) CONSTRUCTION AREA SIGN LETTER



LOCATION 5
Pla 80 - PM 1.90 - EASTBOUND



LOCATION 4
Sac 80 - PM M10.53 - WESTBOUND



LOCATION 3
Sac 80 - PM M2.87 - WESTBOUND

CONSTRUCTION AREA SIGNS
NO SCALE

APPROVED FOR CONSTRUCTION AREA SIGN WORK ONLY

CS-1

REVISED BY | DATE REVISED
A. G. CHIN | ERIC SOUZA
CALCULATED-DESIGNED BY | CHECKED BY
FUNCTIONAL SUPERVISOR: STEPHEN WRIGHT
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
TRAFFIC

LAST REVISION 02-06-13 | DATE PLOTTED => 26-FEB-2013 | TIME PLOTTED => 13:28

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	Pla,Sac Sut,Yub	5,20 50,80	Var	7	10

REGISTERED CIVIL ENGINEER 2-13-13 DATE

2-25-13
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER ERIC NORMAN SOUZA No. 75706 Exp. 6/30/14 CIVIL STATE OF CALIFORNIA

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ROADWAY AND STORM WATER QUANTITIES

LOCATION	REMOVE CRASH CUSHION (SAND FILLED)		REMOVE CRASH CUSHION				(N) SALVAGE CRASH CUSHION		REMOVE METAL BEAM GUARD RAILING	(N) REMOVE CABLE ANCHOR ASSEMBLY	CRASH CUSHION (COMPRESSOR ATTENUATOR)	CRASH CUSHION (SCI - 100GM)	TEMPORARY CRASH CUSHION MODULE	MINOR CONCRETE (MINOR STRUCTURE)	TEMPORARY RAILING (TYPE K)	MINOR HOT MIX ASPHALT	ROADWAY EXCAVATION	CONCRETE BARRIER (TYPE 60GE MODIFIED)	CHANNELIZER (SURFACE MOUNTED)	TEMPORARY DRAINAGE INLET PROTECTION	TREATED WOOD WASTE	COMMENTS
	UNIT	(N) BARREL	UNIT	(N) ADIEM	UNIT	(N) REACT 350	UNIT	ADIEM														
	EA	EA	EA	EA	EA	EA	EA	EA	LF	EA	EA	EA	EA	CY	LF	TON	CY	LF	EA	EA	LB	
1			1	1			1	1			1									2		ATTACH CRASH CUSHION TO EXISTING PCC PAVEMENT
2			1	1			1	1			1									2		ATTACH CRASH CUSHION TO EXISTING PCC PAVEMENT
3	1	12							175	4	1		21	2.04	440	56	30	99	10		2,500	ATTACH CRASH CUSHION TO NEW 6" REINFORCED CONCRETE PAD
4					1	1					1		21	2.04	160	1	2.5		10			ATTACH CRASH CUSHION TO NEW 6" REINFORCED CONCRETE PAD
5			1	1							1		11	2.04		0.5	2.2					ATTACH CRASH CUSHION TO NEW 6" REINFORCED CONCRETE PAD
6			1	1								1										ATTACH CRASH CUSHION TO EXISTING PCC PAVEMENT
7			1	1								1										ATTACH CRASH CUSHION TO EXISTING PCC PAVEMENT
SUB TOTAL	1	12	5	5	1	1	2	2	175	4	5	2	53	6.12	600	57.5	34.7	99	20	4	2,500	
TOTAL	1		6						175		5	2	53	6.12	600	57.5	34.7	99	20	4	2,500	

(N) - NOT A SEPARATE PAY ITEM, FOR INFORMATION ONLY

SUMMARY OF QUANTITIES

Q-1

REVISED BY | DATE REVISED

A. G. CHIN | ERIC SOUZA

CALCULATED-DESIGNED BY | CHECKED BY

FUNCTIONAL SUPERVISOR: STEPHEN WRIGHT

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans TRAFFIC

LAST REVISION 02-06-13 | DATE PLOTTED => 26-FEB-2013 | TIME PLOTTED => 13:28

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	Pla,Sac, Sut,Yub	5,20,50 80	Var	8	10

REGISTERED CIVIL ENGINEER 12-7-12 DATE

2-25-13
PLANS APPROVAL DATE

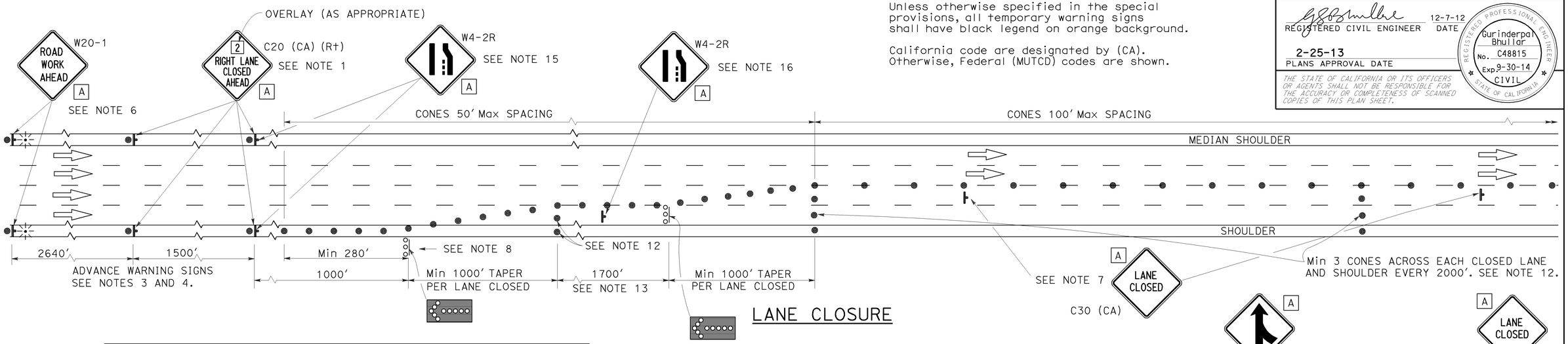
REGISTERED PROFESSIONAL ENGINEER Gurinderpal Bhullar No. C48815 Exp. 9-30-14 CIVIL STATE OF CALIFORNIA

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.

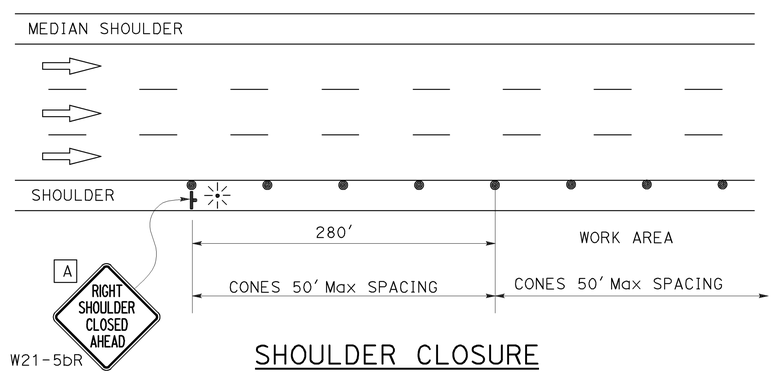
NOTES:

Unless otherwise specified in the special provisions, all temporary warning signs shall have black legend on orange background.

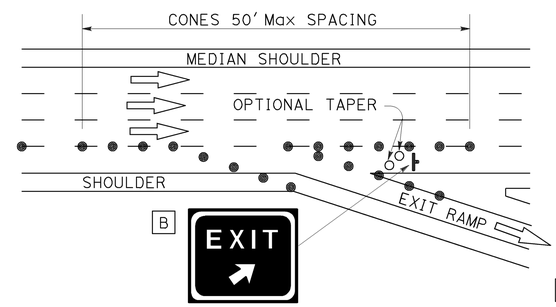
California code are designated by (CA). Otherwise, Federal (MUTCD) codes are shown.



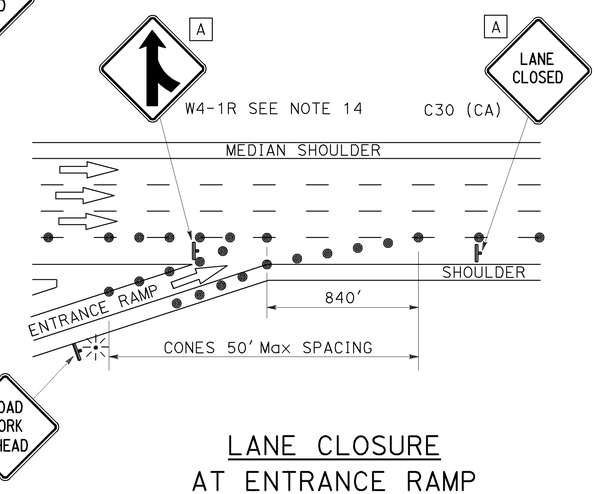
LANE CLOSURE



SHOULDER CLOSURE



LANE CLOSURE AT EXIT RAMP



LANE CLOSURE AT ENTRANCE RAMP

NOTES:

1. Median lane closures shall conform to the details for outside lane closures except that C20 (CA) (Lt) signs shall be used.
2. At least one person shall be assigned to provide full time maintenance of traffic control devices for lane closures.
3. Duplicate sign installations are not required:
   a) On opposite shoulder if at least one-half of the available lanes remain open to traffic.
   b) In the median if the width of the median shoulder is less than 8' and the outside lanes are to be closed.
4. Each advance warning sign on each side of the roadway shall be equipped with at least two flags for daytime closure. Each flag shall be at least 16" x 16" in size and shall be orange or fluorescent red-orange in color. Flashing beacons shall be placed at the locations indicated for lane closure during hours of darkness.
5. A C14 (CA) "END ROAD WORK" sign, as appropriate, shall be placed at the end of the lane closure unless the end of work area is obvious or ends within a larger project's limits.
6. If the W20-1 sign would follow within 2000' of a stationary W20-1 or C11 (CA) "ROAD WORK NEXT _____ MILES", use a C20 (CA) sign for the first advance warning sign.
7. Place a C30 (CA) sign every 2000' throughout length of lane closure.
8. One flashing arrow sign for each lane closed. The first flashing arrow sign shall be Type I. All others may be either Type I or Type II.
9. A minimum 1500' of sight distance shall be provided where possible for vehicles approaching the first flashing arrow sign. Lane closures shall not begin at top of crest vertical curve or on a horizontal curve.
10. All cones used for lane closures during the hours of darkness shall be fitted with retroreflective bands (or sleeves) as specified in the specifications.
11. Portable delineators, placed at one-half the spacing indicated for traffic cones may be used instead of cones for daytime closures only.
12. Unless otherwise specified in the special provisions, a minimum of 3 cones shall be placed transversely across each closed lane and shoulder at each location where a taper across a traffic lane ends and every 2000' as shown on the "Lane Closure" detail. Two Type II barricades may be used instead of the 3 cones. The transverse alignment of the cones or barricades on the closed shoulder may be shifted from the transverse alignment to provide access to the work.
13. Unless otherwise specified in the special provisions, the 1700' tangent shown along lane lines shall be used between the 1000' tapers required for each closed traffic lane.
14. Unless otherwise specified in the special provisions, the G84 (CA) and W4-1 signs shall be used as shown.
15. When specified in the special provisions, a W4-2 "LANE ENDS" symbol sign is to be used in place of the C20 (CA) "RIGHT LANE CLOSED AHEAD" sign.
16. The W4-2 "LANE ENDS" symbol sign shown at this location is to be used where the W4-2 sign is used as advance warning as described in Note 15.

SIGN PANEL SIZE (Min)

A	48" x 48"
B	54" x 48"

LEGEND

- TRAFFIC CONE
- TRAFFIC CONE (OPTIONAL TAPER)
- TEMPORARY SIGN
- FLASHING ARROW SIGN (FAS)
- FAS SUPPORT OR TRAILER
- PORTABLE FLASHING BEACON

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL SYSTEM FOR LANE CLOSURE ON FREEWAYS AND EXPRESSWAYS

NO SCALE

TCS-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

FUNCTIONAL SUPERVISOR | CALCULATED-DESIGNED BY | CHECKED BY | REVISED BY | DATE REVISED

LAST REVISION 00-00-00 | DATE PLOTTED => 10-DEC-2012 | TIME PLOTTED => 09:45

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	Pla,Sac, Sut,Yub	5,20,50 80	Var	9	10

REGISTERED CIVIL ENGINEER 12-7-12 DATE

2-25-13
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER Gurinderpal Bhullar No. C48815 Exp. 9-30-14 CIVIL STATE OF CALIFORNIA

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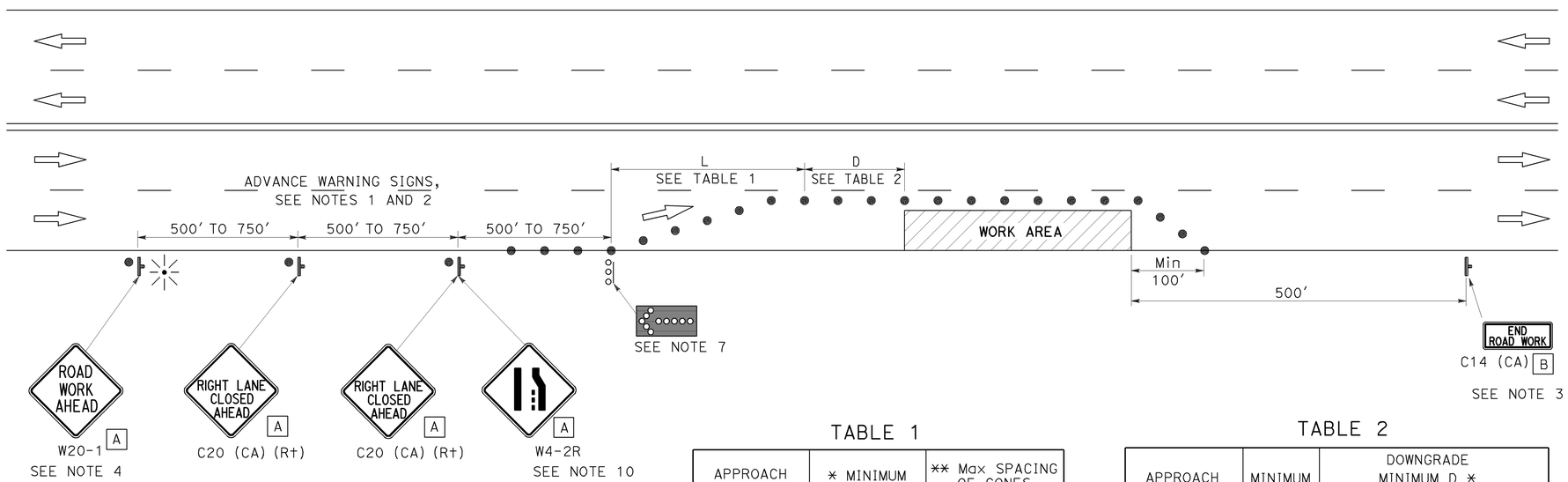
TYPICAL LANE CLOSURE



NOTES:

Unless otherwise specified in the special provisions, all temporary warning signs shall have black legend on orange background.

California code are designated by (CA). Otherwise, Federal (MUTCD) codes are shown.

LEGEND

- TRAFFIC CONE
- TEMPORARY SIGN
- FLASHING ARROW SIGN (FAS)
- FAS SUPPORT OR TRAILER
- PORTABLE FLASHING BEACON

SIGN PANEL SIZE (Min)

A 36" x 36"

B 36" x 18"

TABLE 1

APPROACH SPEED	* MINIMUM L	** Max SPACING OF CONES ALONG TAPER
mph	ft	ft
20 AND BELOW	80	20
25	125	25
30	180	30
35	245	35
40	320	40
45	540	45
50	600	50
Over 50	SEE NOTE 9	

* USE L FOR LANE WIDTHS LESS THAN OR EQUAL TO 12'.
** SEE NOTE 8.

TABLE 2

APPROACH SPEED	MINIMUM D	DOWNGRADE MINIMUM D *		
		-3%	-6%	-9%
mph	ft	ft	ft	ft
25 AND BELOW	155	158	165	173
30	200	205	215	227
35	250	257	271	287
40	305	315	333	354
45	360	378	400	427
50	425	446	474	507
OVER 50	SEE NOTE 9			

* USE ON SUSTAINED DOWNGRADE STEEPER THAN -3 PERCENT AND LONGER THAN 1 MILE.

NOTES:

1. Where approach speeds are low, advance warning signs may be placed at 300' spacing and placed closer in urban areas.
2. Each advance warning sign shall be equipped with at least two flags for daytime closure. Each flag shall be at least 16" x 16" in size and shall be orange or fluorescent red-orange in color. Flashing beacons shall be placed at the locations indicated for lane closure during hours of darkness.
3. A C14 (CA) "END ROAD WORK" sign, as appropriate, shall be placed at the end of the lane closure unless the end of work area is obvious, or ends within a larger project's limits.
4. If the W20-1 sign would follow within 2000' of a stationary W20-1 or C11 (CA) "ROAD WORK NEXT _____ MILES", use a C20 (CA) sign for the first advance warning sign.
5. All cones used for lane closures during the hours of darkness shall be fitted with retroreflective bands (or sleeves) as specified in the specifications.
6. Portable delineators, placed at one-half the spacing indicated for traffic cones, may be used instead of cones for daytime closures only.
7. Flashing arrow sign shall be either Type I or Type II.
8. The maximum spacing between cones along a tangent shall be 50' and along a taper shall be approximately as shown in Table 1.
9. For approach speeds over 50 mph, use the "Traffic Control System for Lane Closure On Freeways And Expressways" plan for lane closure details and requirements.
10. When specified in the special provisions, a W4-2 "LANE ENDS" symbol sign is to be used in place of the C20 (CA) "RIGHT LANE CLOSED AHEAD" sign.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL SYSTEM FOR LANE CLOSURE ON MULTILANE CONVENTIONAL HIGHWAYS

NO SCALE

TCS-2

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans

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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	Pla,Sac, Sut,Yub	5,20,50 80	Var	10	10

REGISTERED CIVIL ENGINEER 12-7-12 DATE

2-25-13
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER Gurinderpal Bhullar No. C48815 Exp. 9-30-14 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.

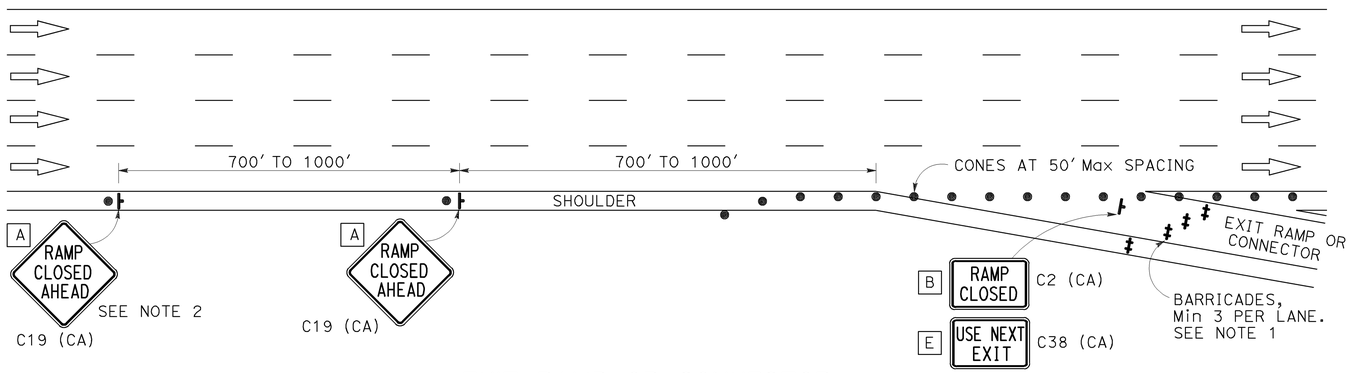
TYPICAL RAMP CLOSURES

SIGN PANEL SIZE (Min)

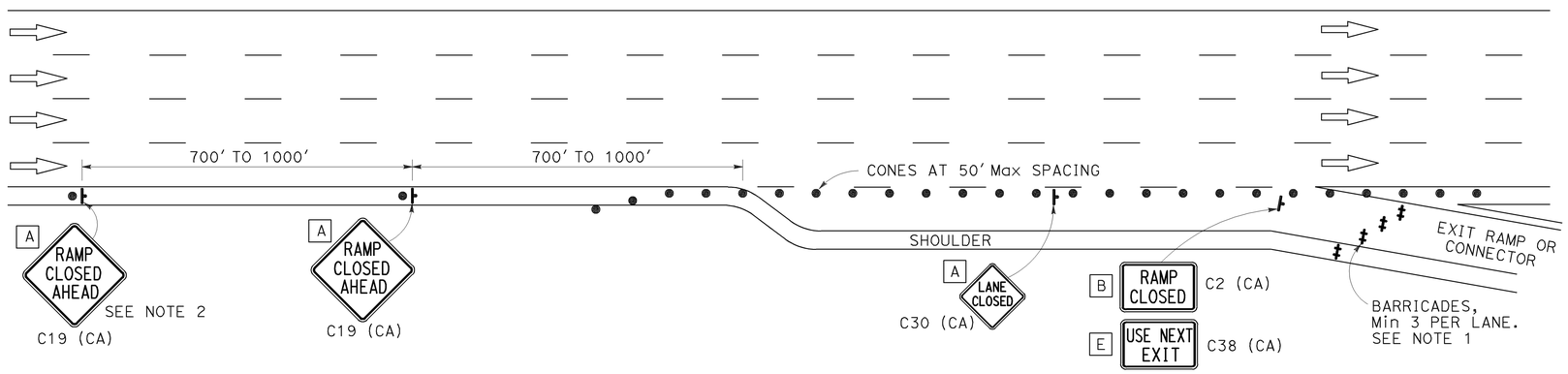
- A 48" x 48"
- B 48" x 30"
- C 30" x 30"
- D 48" x 48" - SPEED OF 50 mph OR MORE
  36" x 36" - SPEED LESS THAN 50 mph
- E 48" x 36"

LEGEND

- TRAFFIC CONE
- TEMPORARY SIGN
- BARRICADES



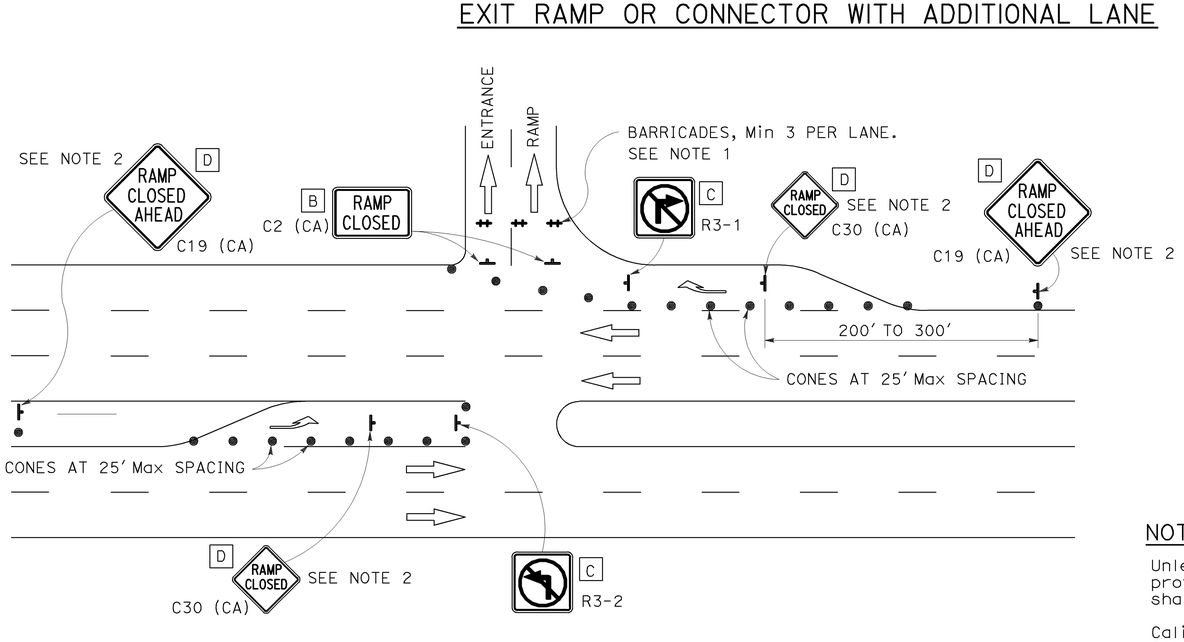
EXIT RAMP OR CONNECTOR



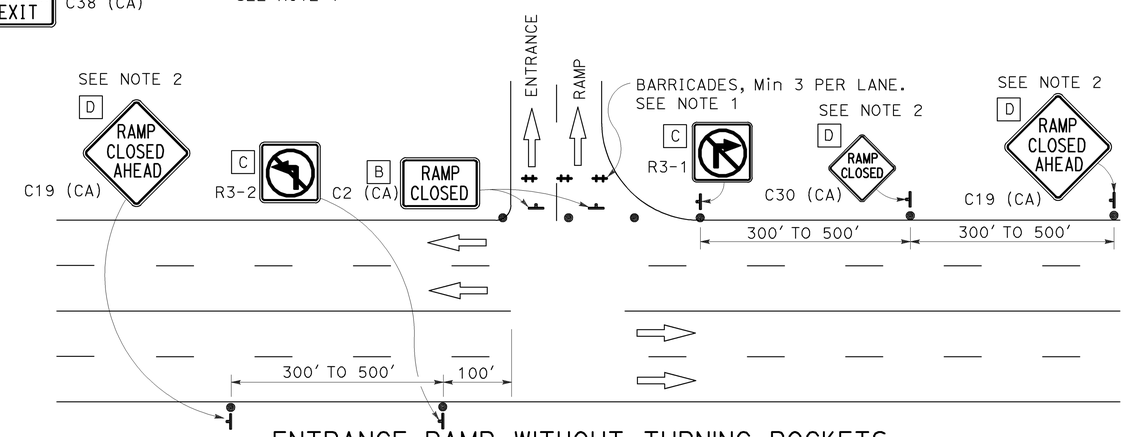
EXIT RAMP OR CONNECTOR WITH ADDITIONAL LANE

NOTES:

1. Barricades shall be Type I, II, or III for closures lasting one week or less and Type III for closures lasting longer than one week.
2. In addition to placing the C19 (CA) "RAMP CLOSED AHEAD" and C30 (CA) "RAMP CLOSED" signs, black on orange overlay plates with the word "CLOSED" may be mounted, as directed by the Engineer, on all guide signs that refer to the closed ramp. The letter size on the overlay shall be the same as the guide sign.
3. Each advance C19 (CA) "RAMP CLOSED AHEAD" sign shall be equipped with at least two flags for daytime closure. Each flag shall be at least 16" x 16" in size and shall be orange or fluorescent red-orange in color.
4. All cones used for ramp closures during the hours of darkness shall be fitted with retroreflective bands (or sleeves) as specified in the specifications.
5. Portable delineators, placed at one-half the spacing indicated for traffic cones, may be used instead of cones for daytime ramp closures only.
6. At least one person shall be assigned to provide full time maintenance of traffic control devices, unless otherwise directed by the Engineer.
7. The existing "EXIT" sign in the gore area shall be covered during ramp closures.



ENTRANCE RAMP WITH TURNING POCKETS



ENTRANCE RAMP WITHOUT TURNING POCKETS

NOTES:

Unless otherwise specified in the special provisions, all temporary warning signs shall have black legend on orange background.

California code are designated by (CA). Otherwise, Federal (MUTCD) codes are shown.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL SYSTEM FOR RAMP CLOSURE

NO SCALE

TCS-3

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

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