

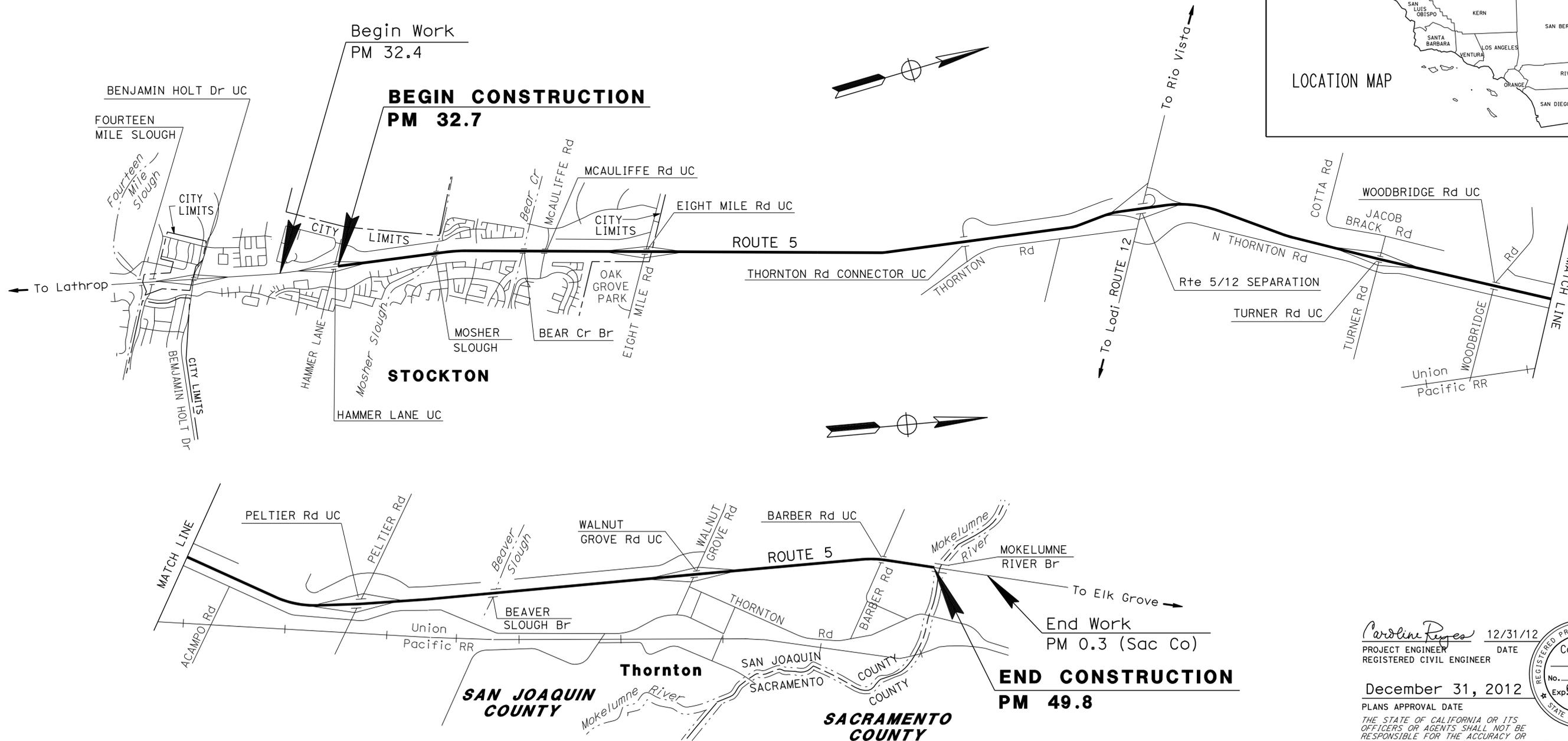
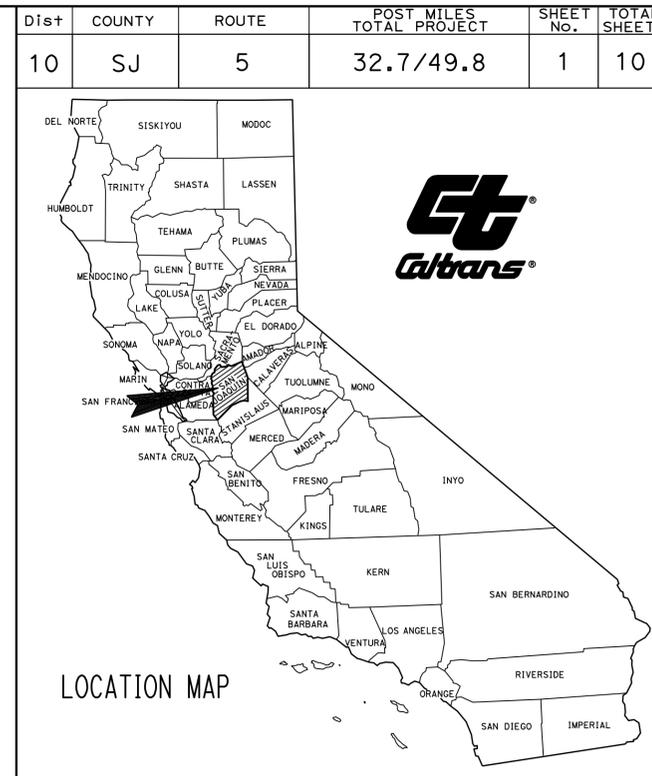
INDEX OF PLANS

SHEET No.	DESCRIPTION
1	TITLE AND LOCATION MAP
2	TYPICAL CROSS SECTIONS
3-4	CONSTRUCTION DETAILS
5	CONSTRUCTION AREA SIGNS
6-7	PAVEMENT DELINEATION DETAILS AND QUANTITIES
8	SUMMARY OF QUANTITIES
9-10	TRAFFIC CONTROL SYSTEM PLANS

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

STATE OF CALIFORNIA **ACHSIM-005-6(340)478E**
DEPARTMENT OF TRANSPORTATION
PROJECT PLANS FOR CONSTRUCTION ON
STATE HIGHWAY
IN SAN JOAQUIN COUNTY
IN AND NEAR STOCKTON
FROM HAMMER LANE UNDERCROSSING
TO SACRAMENTO COUNTY LINE

TO BE SUPPLEMENTED BY STANDARD PLANS DATED 2010



PROJECT MANAGER AJAIB BRAR	DESIGN ENGINEER TERRY OGLE
--------------------------------------	--------------------------------------

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

NO SCALE

Caroline Reyes 12/31/12
 PROJECT ENGINEER DATE
 REGISTERED CIVIL ENGINEER

December 31, 2012
 PLANS APPROVAL DATE

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



CONTRACT No.	10-0T7904
PROJECT ID	1012000014



DATE PLOTTED => 05-FEB-2013
 TIME PLOTTED => 08:39

ABBREVIATION:

AE (FSC) - ASPHALTIC EMULSION (FOG SEAL COAT)

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	SJ	5	32.7/49.8	2	10

Caroline Reyes 12/31/12
 REGISTERED CIVIL ENGINEER DATE
 12/31/12
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
Caroline Reyes
 No. 66004
 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.

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 DESIGN

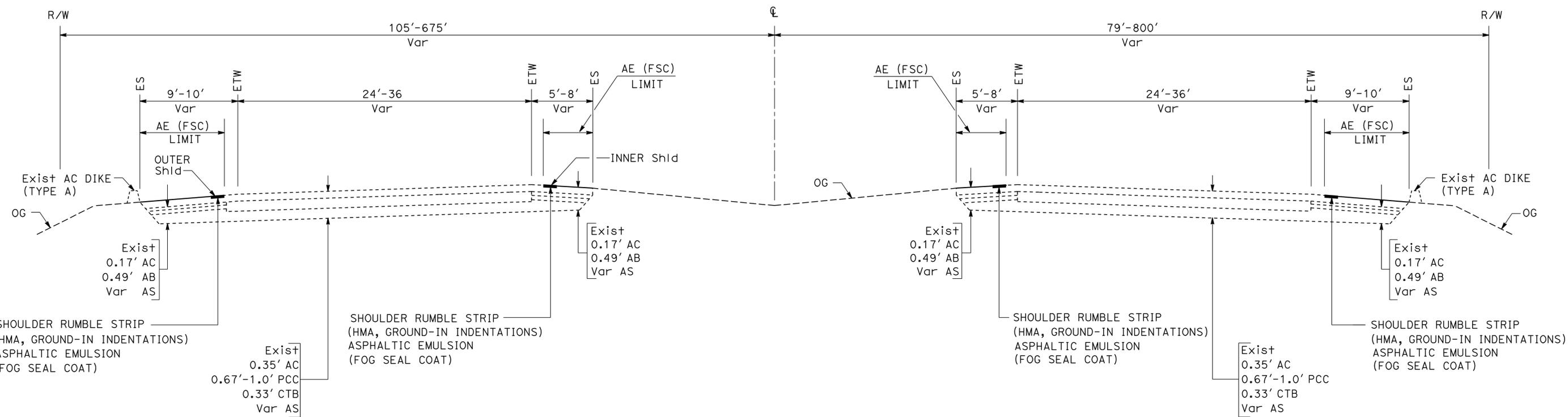
FUNCTIONAL SUPERVISOR
 TERRY OGLE

CALCULATED/DESIGNED BY
 CHECKED BY

OSAMA ABDEL-MAGIED
 CAROLINE REYES

REVISED BY
 DATE REVISED

OA
 11/16/12



SOUTHBOUND

PM 35.3 TO 39.3
 PM 40.4 TO 44.1
 PM 44.5 TO 49.8

INNER Shld

PM 32.7 TO 39.6
 PM 40.4 TO 44.1
 PM 44.5 TO 49.8

OUTER Shld

NORTHBOUND

PM 32.7 TO 49.8

ROUTE 5

TYPICAL CROSS SECTIONS

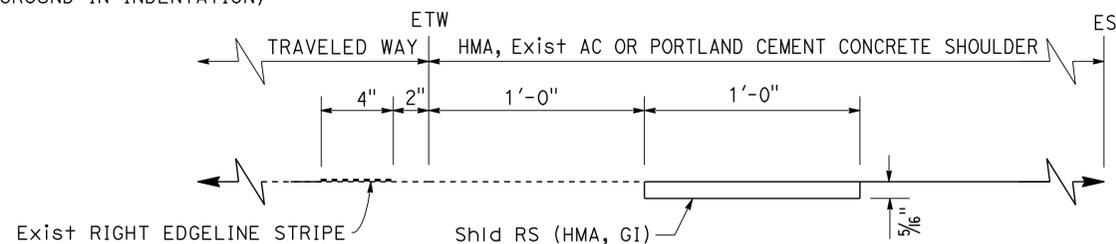
NO SCALE **X-1**

LAST REVISION DATE PLOTTED => 05-FEB-2013 00-00-00 TIME PLOTTED => 08:39

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	SJ	5	32.7/49.8	3	10
<i>Caroline Reyes</i> REGISTERED CIVIL ENGINEER		12/31/12 DATE			
12/31/12 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>			

ABBREVIATION:

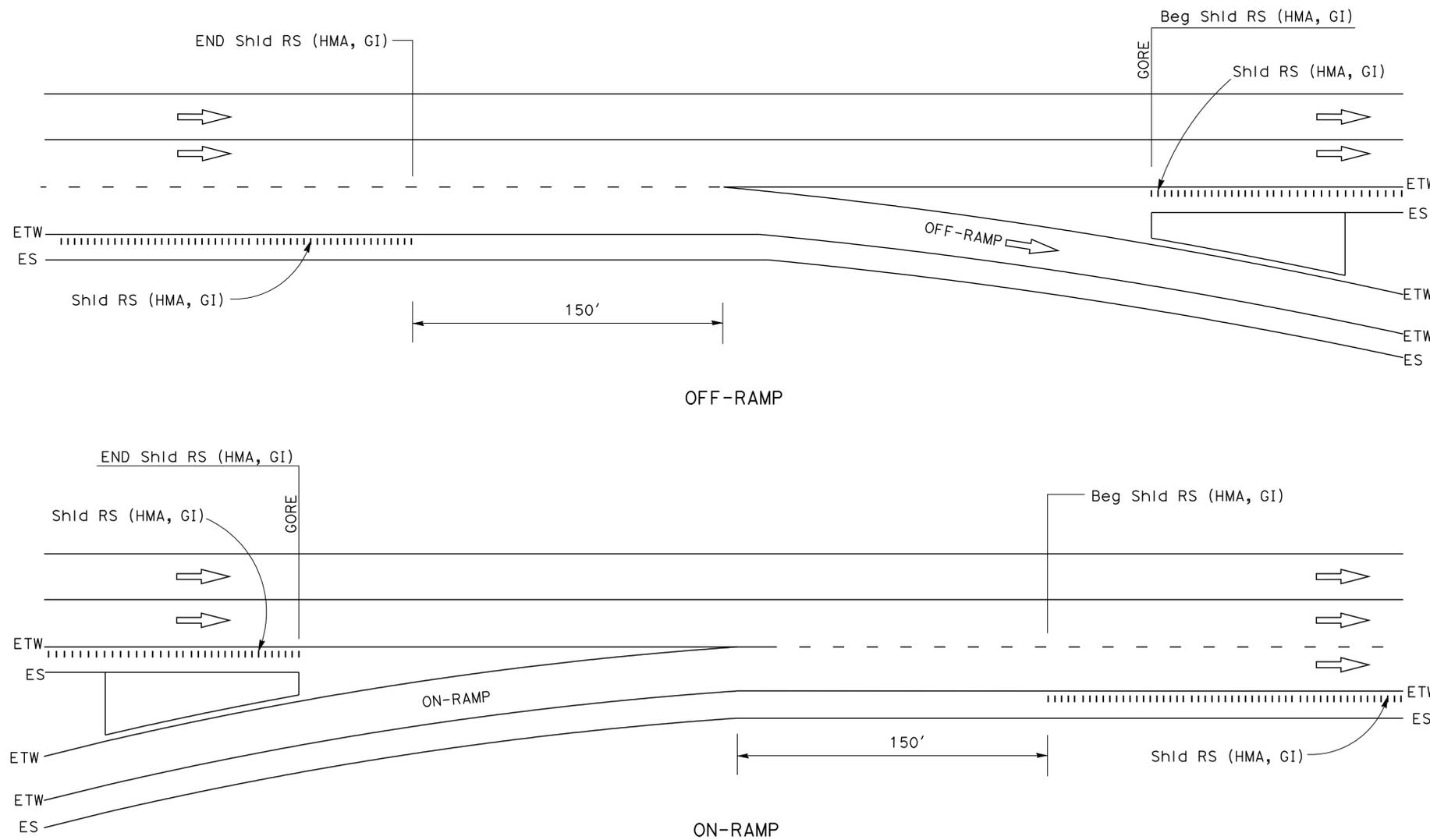
Shld RS (HMA, GI) - Shld RUMBLE STRIP (HMA, GROUND-IN INDENTATION)



**SHOULDER RUMBLE STRIP
(HMA, GROUND-IN INDENTATION) PLACEMENT
RIGHT OF DIRECTION OF TRAVEL**

RAMP LOCATIONS

No.	PM	DESCRIPTION
1	32.849	SB OFF TO HAMMER LANE
2	32.850	NB ON FROM HAMMER LANE
3	35.147	SB ON FROM EIGHT MILE Rd
4	35.148	NB OFF TO EIGHT MILE Rd
5	35.495	SB OFF TO EIGHT MILE Rd
6	35.513	NB ON FROM EIGHT MILE Rd
7	39.315	NB OFF TO ROUTE 12
8	39.360	SB ON FROM EB ROUTE 12
9	39.599	SB ON FROM WB ROUTE 12
10	39.926	NB ON FROM ROUTE 12
11	39.945	SB OFF TO ROUTE 12
12	41.449	NB OFF TO TURNER Rd
13	41.492	SB ON FROM TURNER Rd
14	41.830	NB ON FROM TURNER Rd
15	41.848	SB OFF TO TURNER Rd
16	44.609	NB OFF TO PELTIER Rd
17	44.549	SB ON FROM PELTIER Rd
18	44.885	NB ON FROM PELTIER Rd
19	44.945	SB OFF TO PELTIER Rd
20	47.411	NB OFF TO WALNUT GROVE Rd
21	47.448	SB ON FROM WALNUT GROVE Rd
22	47.784	NB ON FROM WALNUT GROVE Rd
23	47.821	SB OFF TO WALNUT GROVE Rd



**SHOULDER RUMBLE STRIP (HMA, GROUND-IN INDENTATIONS)
NEAR ON-RAMP AND OFF-RAMP LOCATIONS DETAIL**

CONSTRUCTION DETAILS
NO SCALE

C-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 DESIGN
 TERRY OGLE
 OSAMA ABDEL-MAGIED
 CAROLINE REYES
 OA
 11/16/12
 REVISOR BY
 DATE REVISOR
 CALCULATED/DESIGNED BY
 CHECKED BY
 FUNCTIONAL SUPERVISOR
 TERRY OGLE

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	SJ	5	32.7/49.8	4	10

Caroline Reyes 12/31/12
 REGISTERED CIVIL ENGINEER DATE
 12/31/12
 PLANS APPROVAL DATE

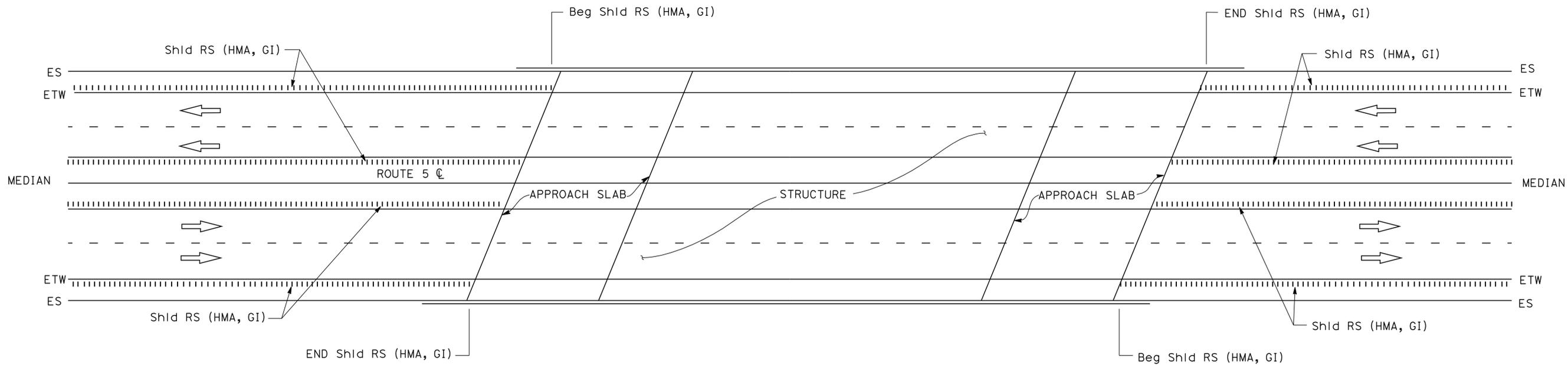
REGISTERED PROFESSIONAL ENGINEER
Caroline Reyes
 No. 66004
 Exp. 6/30/14
 CIVIL
 STATE OF CALIFORNIA

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.

STRUCTURES

No.	SIDE	PM	LENGTH (Ft)	Br No.	DESCRIPTION
1	R+	33.49	131.9	29-0199	MOSHER SLOUGH Br
2	L+	33.50	131.9	29-0199	MOSHER SLOUGH Br
3	R+	34.25	217.8	29-0177	BEAR CREEK Br
4	L+	34.26	217.8	29-0177	BEAR CREEK Br
5	L+	34.46	89.9	29-0200	MCAULIFFE ROAD UC
6	R+	34.46	89.9	29-0200	MCAULIFFE ROAD UC
7	L+	35.30	133.9	29-0209	EIGHT MILE ROAD UC
8	R+	35.30	133.9	29-0209	EIGHT MILE ROAD UC
9	L+	38.06	86.0	29-0254	THORNTON ROAD CONNECTOR UC
10	R+	38.06	86.0	29-0254	THORNTON ROAD CONNECTOR UC
11	L+	39.55	208.0	29-0255	ROUTE 5/12 SEPARATION
12	R+	39.55	208.0	29-0255	ROUTE 5/12 SEPARATION
13	L+	41.66	103.0	29-0245	TURNER ROAD UC
14	R+	41.66	103.0	29-0245	TURNER ROAD UC
15	L+	42.67	105.0	29-0249	WOODBIDGE ROAD UC
16	R+	42.67	105.0	29-0249	WOODBIDGE ROAD UC
17	R+	44.71	116.1	29-0246	PELTIER ROAD UC
18	L+	44.72	116.1	29-0246	PELTIER ROAD UC
19	R+	45.86	120.1	29-0247	BEAVER SLOUGH Br
20	L+	45.87	120.1	29-0247	BEAVER SLOUGH Br
21	R+	47.60	148.0	29-0250	WALNUT GROVE ROAD UC
22	L+	47.61	148.0	29-0250	WALNUT GROVE ROAD UC
23	L+	49.18	96.1	29-0248	BARBER ROAD UC
24	R+	49.18	96.1	29-0248	BARBER ROAD UC

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 DESIGN
 FUNCTIONAL SUPERVISOR: TERRY OGLE
 CALCULATED/DESIGNED BY: OSAMA ABDEL-MAGIED
 CHECKED BY: CAROLINE REYES
 REVISED BY: OA
 DATE REVISED: 11/16/12



SHOULDER RUMBLE STRIP (HMA, GROUND-IN INDENTATIONS)
NEAR STRUCTURE DETAIL

CONSTRUCTION DETAILS
 NO SCALE
C-2

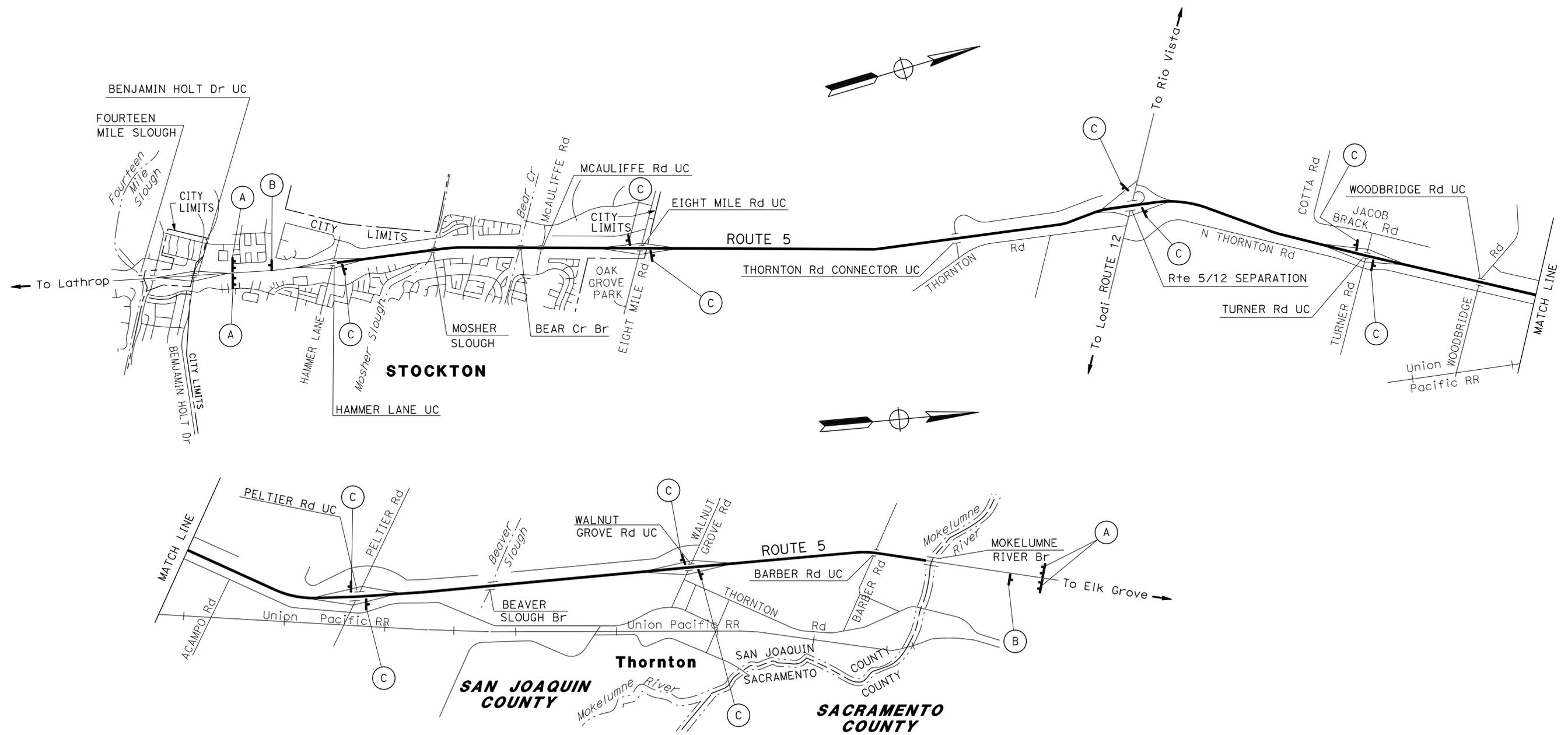
LAST REVISION | DATE PLOTTED => 05-FEB-2013
 00-00-00 | TIME PLOTTED => 08:39

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	SJ	5	32.7/49.8	5	10
			12/31/12		
			REGISTERED CIVIL ENGINEER	DATE	
			12/31/12	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>					

STATIONARY MOUNTED CONSTRUCTION AREA SIGNS

SIGN No.	SIGN CODE		PANEL SIZE	SIGN MESSAGE	No. OF POST AND SIZE	No. OF SIGNS
	FEDERAL	CALIFORNIA				
(X)						
(A)	G20-1		90" x 48"	ROAD WORK NEXT 20 MILES	2 - 6" x 6"	4
(B)	G20-2		36" x 18"	END ROAD WORK	1 - 4" x 4"	2
(C)	W20-1		36" x 36"	ROAD WORK AHEAD	1 - 4" x 6"	11

NOTE:
 LOCATION OF CONSTRUCTION AREA SIGNS SHOWN ARE APPROXIMATE.
 EXACT SIGN LOCATIONS WILL BE DETERMINED BY THE ENGINEER.



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans TRAFFIC DESIGN
 FUNCTIONAL SUPERVISOR: MOHAMMED OATAMI
 CALCULATED/DESIGNED BY: HUE NGUYEN
 RAJINI TEKALKOTE
 REVISOR: HUE NGUYEN
 DATE: 10/16/12
 DATE REVISOR: 10/31/12
 RT: 10/31/12

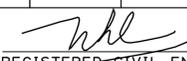
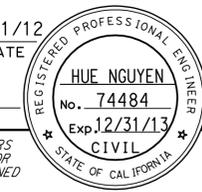
CONSTRUCTION AREA SIGNS

NO SCALE

CS-1

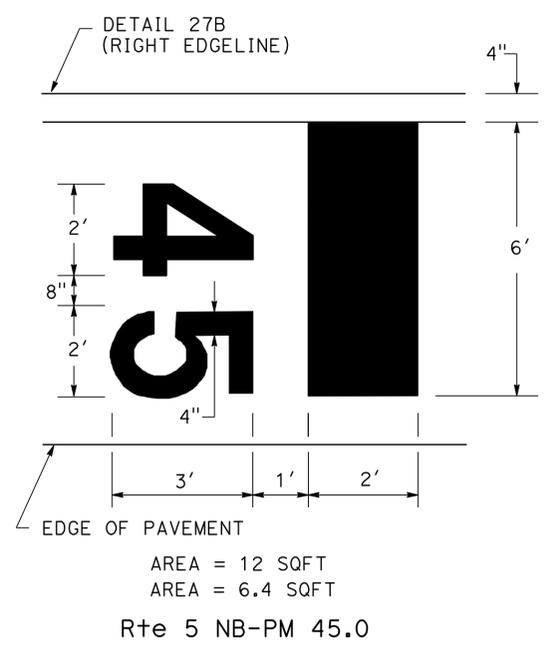
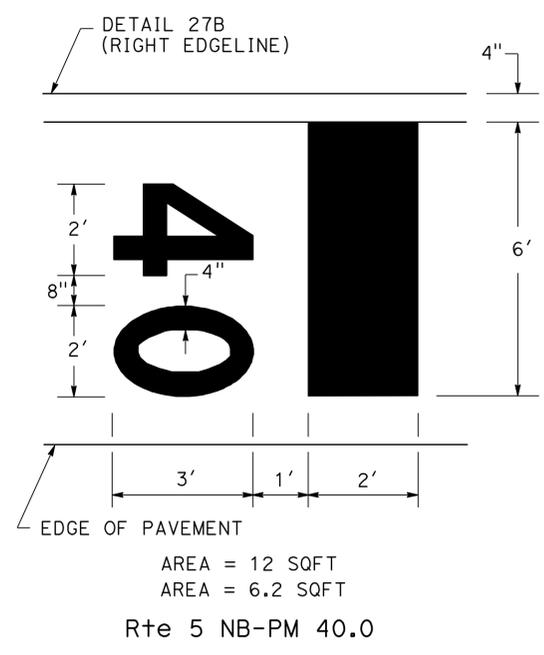
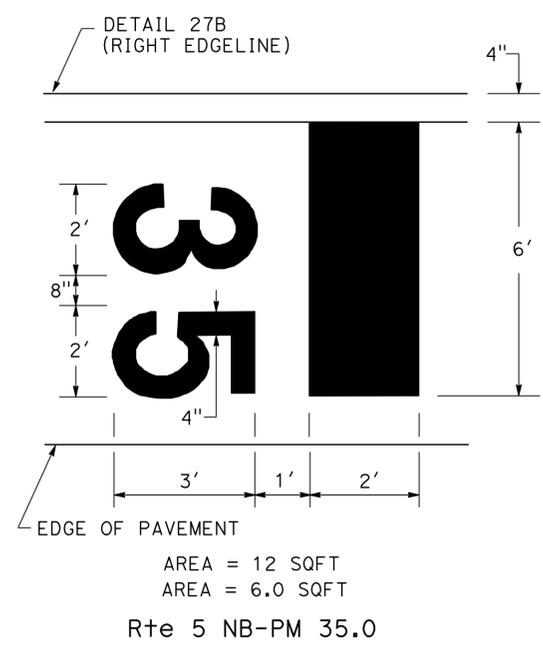
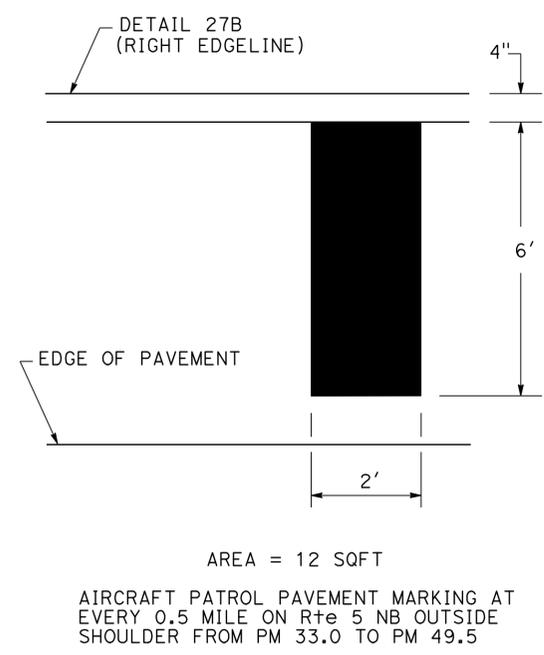
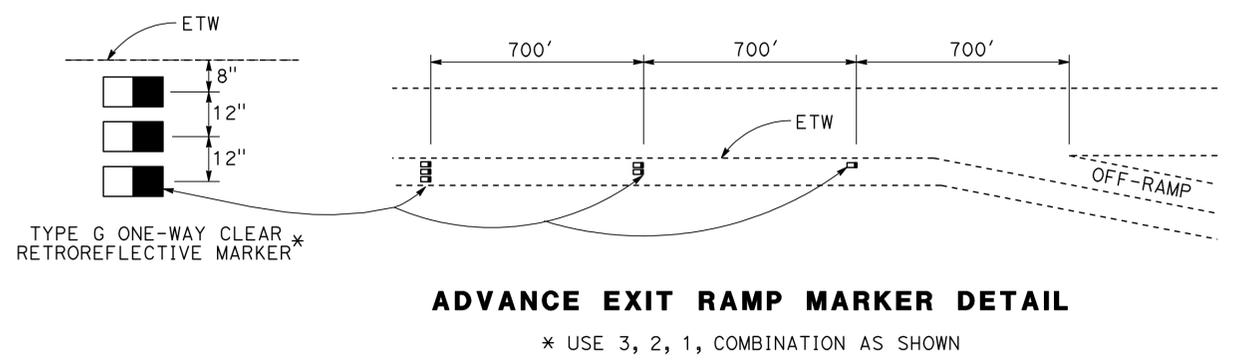
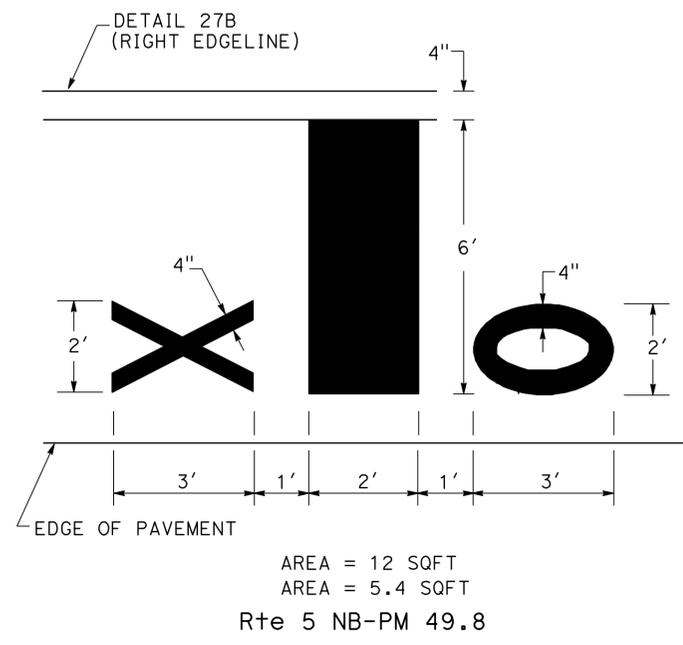
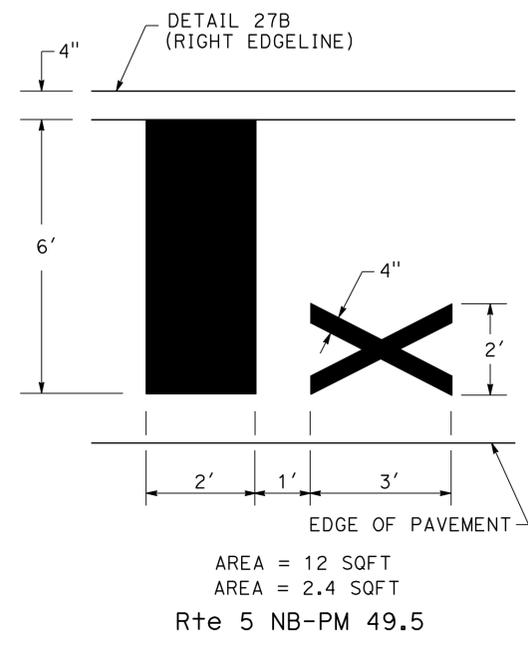
APPROVED FOR CONSTRUCTION AREA SIGN WORK ONLY

LAST REVISION | DATE PLOTTED => 05-FEB-2013
 10-31-12 TIME PLOTTED => 08:39

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	SJ	5	32.7/49.8	6	10
 REGISTERED CIVIL ENGINEER			12/31/12	DATE	
12/31/12 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>					

NOTES:

1. AIRCRAFT PATROL PAVEMENT MARKING SHALL BE PLACED ON THE SHOULDER IN THE NORTHBOUND DIRECTION ONLY.
2. ALL MARKINGS FOR THIS DETAIL SHALL BE WHITE.
3. AIRCRAFT PATROL PAVEMENT MARKING SHALL BE MEASURED PRECISELY USING THE POSTMILE OF THE NEAREST BRIDGE STRUCTURE AS REFERENCE POINT.



AIRCRAFT PATROL THERMOPLASTIC PAVEMENT MARKING DETAILS

PAVEMENT DELINEATION DETAILS
 NO SCALE
PDD-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION - TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: MOHAMMED OATAMI

RAJINI TEKALKOTE, HUE NGUYEN

REVISOR: RAJINI TEKALKOTE, HUE NGUYEN

DATE: [Blank]

DESIGNER: RAJINI TEKALKOTE, HUE NGUYEN

DATE: [Blank]

CHECKED BY: [Blank]

DESIGNED BY: [Blank]

DATE: [Blank]

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans TRAFFIC DESIGN
 FUNCTIONAL SUPERVISOR: MOHAMMED OATAMI
 CALCULATED/DESIGNED BY: RAJINI TEKALKOTE
 CHECKED BY: HUE NGUYEN
 REVISED BY: RT
 DATE REVISED: 12/03/12

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	SJ	5	32.7/49.8	7	10

12/31/12
 REGISTERED CIVIL ENGINEER DATE
 12/31/12
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
 HUE NGUYEN
 No. 74484
 Exp. 12/31/13
 CIVIL
 STATE OF CALIFORNIA

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**PAVEMENT MARKER QUANTITY SUMMARY
 (ADVANCE EXIT RAMP MARKER DETAIL)**

POST MILE	OFF-RAMP DESCRIPTION	PAVEMENT MARKER RETRO-REFLECTIVE TYPE G
		EA
32.849	SB OFF TO HAMMER LN	6
35.148	NB OFF TO EIGHT MILE RD	6
35.495	SB OFF TO EIGHT MILE RD	6
39.315	NB OFF TO RTE 12	6
39.945	SB OFF TO RTE 12	6
41.449	NB OFF TO TURNER RD	6
41.848	SB OFF TO TURNER RD	6
44.609	NB OFF TO PELTIER RD	6
44.945	SB OFF TO PELTIER RD	6
47.411	NB OFF TO WALNUT GROVE RD	6
47.821	SB OFF TO WALNUT GROVE RD	6
TOTAL		66

PAVEMENT DELINEATION ITEMS

LOCATION	THERMOPLASTIC PAVEMENT MARKING	REMOVE THERMOPLASTIC PAVEMENT MARKING
	AIRCRAFT PATROL DETAILS	
	SQFT	
P.M 33.0 TO P.M 49.8	422.4	422.4
TOTAL	422.4	422.4

**PAVEMENT DELINEATION QUANTITIES
 PDQ-1**

LAST REVISION | DATE PLOTTED => 05-FEB-2013
 10-31-12 | TIME PLOTTED => 08:40

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 DESIGN

FUNCTIONAL SUPERVISOR
 TERRY OGLE

CALCULATED-DESIGNED BY
 OSAMA ABDEL-MAGIED
 CHECKED BY
 CAROLINE REYES

REVISOR
 OA
 DATE
 11/16/12

TRAFFIC MANAGEMENT SYSTEM ELEMENTS (EXISTING)

PM	DIRECTION	LOCATION	DESCRIPTION
32.650		HAMMER LANE	CLOSED CIRCUIT TV CAMERA
32.658	S	S OF HAMMER LANE UC	TRAFFIC MONITORING STATION
32.696	N	HAMMER LANE UC	TRAFFIC MONITORING STATION
32.750		Rte 5 SB @ HAMMER LANE	SIGNAL
32.760		Rte 5 NB @ HAMMER LANE	SIGNAL
33.026	N	N OF HAMMER LANE UC	TRAFFIC MONITORING STATION
33.026	S	N OF HAMMER LANE UC	TRAFFIC MONITORING STATION
33.472	N	MOSHER SLOUGH	TRAFFIC MONITORING STATION
34.460	N	S OF EIGHT MILE ROAD	EXTINGUISHABLE MESSAGE SIGN
34.498	S	MCAULIFFE Rd UC	TRAFFIC MONITORING STATION
35.280		Rte 5 SB @ EIGHT MILE ROAD	SIGNAL
35.290		Rte 5 NB @ EIGHT MILE ROAD	SIGNAL
35.485	S	EIGHT MILE Rd OFF-RAMP	TRAFFIC MONITORING STATION
35.521	N	N OF EIGHT MILE Rd ON-RAMP	TRAFFIC MONITORING STATION
38.070	N	S OF THORNTON Rd	TRAFFIC MONITORING STATION
38.070	S	S OF THORNTON Rd	TRAFFIC MONITORING STATION
38.084	N	N OF THORNTON Rd Conn UC	TRAFFIC MONITORING STATION
38.092	S	N OF THORNTON Rd Conn UC	TRAFFIC MONITORING STATION
39.574	MEDIAN	MEDIAN Jct Rte 12	HIGHWAY ADVISORY RADIO
39.574	N	Jct Rte 12	TRAFFIC MONITORING STATION
39.574	S	Jct Rte 12	TRAFFIC MONITORING STATION
41.316	N	S OF TURNER Rd	TRAFFIC MONITORING STATION
41.316	S	S OF TURNER Rd	TRAFFIC MONITORING STATION
44.200	N	PELTIER Rd	WEIGH IN MOTION
44.200	S	PELTIER Rd	WEIGH IN MOTION
45.890	S	N OF PELTIER Rd	EXTINGUISHABLE MESSAGE SIGN

RUMBLE STRIP

LOCATION PM/PM	DIRECTION	SHOULDER	RUMBLE STRIP	ASPHALTIC EMULSION (FOG SEAL COAT)
			STATION	TON
32.7/49.8	NB	INNER	883	28.5
	NB	OUTER	821	34.0
	SB	INNER	688	22.2
	SB	OUTER	768	31.8
TOTAL			3160	116.5

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	SJ	5	32.7/49.8	8	10

Caroline Reyes 12/31/12
 REGISTERED CIVIL ENGINEER DATE
 12/31/12
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
 Caroline Reyes
 No. 66004
 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.

SUMMARY OF QUANTITIES Q-1

LAST REVISION DATE PLOTTED => 05-FEB-2013
 00-00-00 TIME PLOTTED => 08:40

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	SJ	5	32.7/49.3	9	10

REGISTERED CIVIL ENGINEER	DATE
12-7-12	
12/31/12 PLANS APPROVAL DATE	

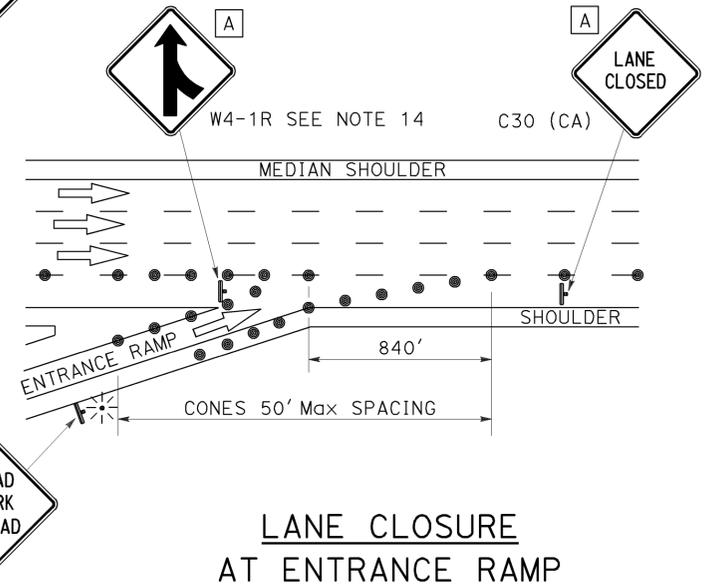
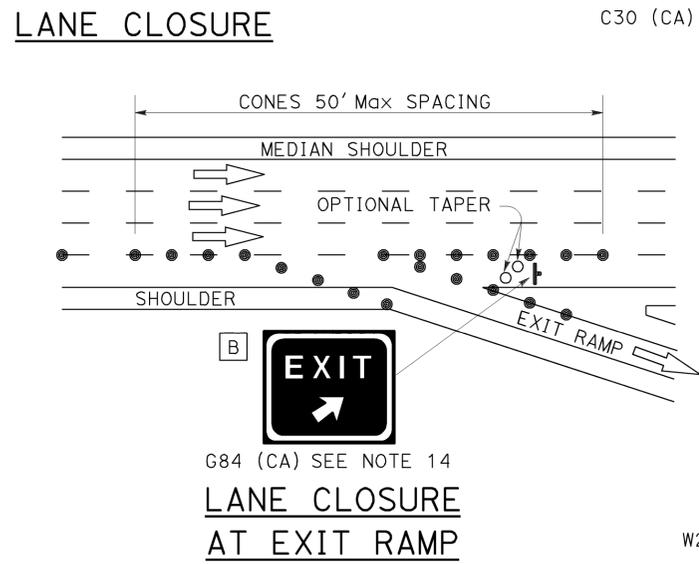
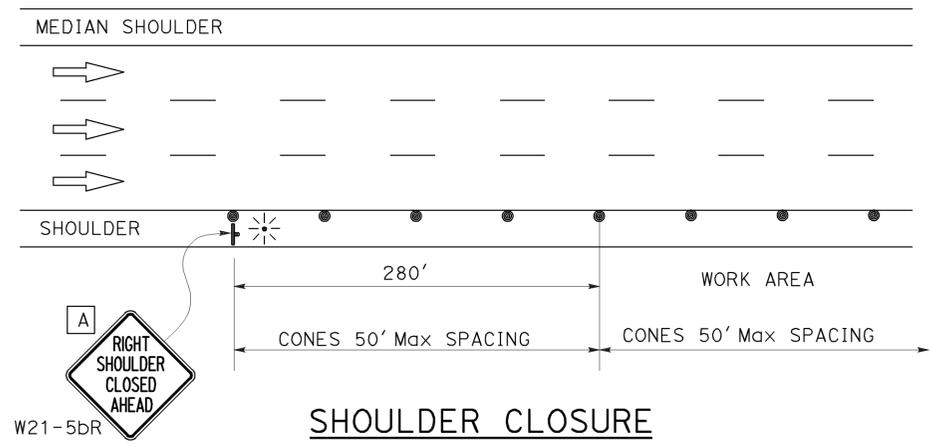
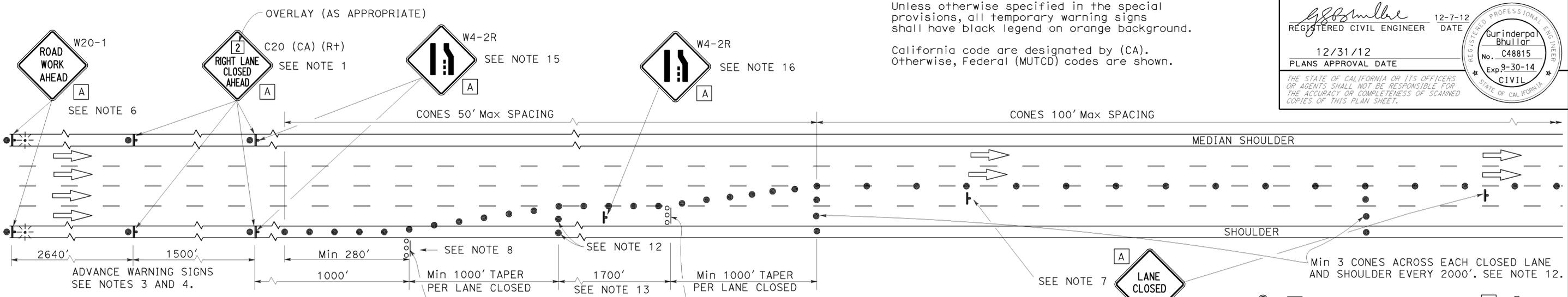
REGISTERED PROFESSIONAL ENGINEER
Gurinderpal Bhullar
No. C48815
Exp 9-30-14
CIVIL

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.

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.



NOTES:

- Median lane closures shall conform to the details for outside lane closures except that C20 (CA) (Lt) signs shall be used.
- At least one person shall be assigned to provide full time maintenance of traffic control devices for lane closures.
- Duplicate sign installations are not required:
 - On opposite shoulder if at least one-half of the available lanes remain open to traffic.
 - In the median if the width of the median shoulder is less than 8' and the outside lanes are to be closed.
- 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.
- 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.
- 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.
- Place a C30 (CA) sign every 2000' throughout length of lane closure.
- 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.
- 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.
- All cones used for lane closures during the hours of darkness shall be fitted with retroreflective bands (or sleeves) as specified in the specifications.
- Portable delineators, placed at one-half the spacing indicated for traffic cones may be used instead of cones for daytime closures only.
- 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.
- 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.
- Unless otherwise specified in the special provisions, the G84 (CA) and W4-1 signs shall be used as shown.
- 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.
- 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

REVISOR BY
DATE

CALCULATED BY
DESIGNED BY
CHECKED BY

FUNCTIONAL SUPERVISOR

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

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"

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	SJ	5	32.7/49.3	10	10

12-7-12 DATE
 12/31/12 PLANS APPROVAL DATE
 REGISTERED CIVIL ENGINEER
 No. C48815
 Exp 9-30-14
 CIVIL

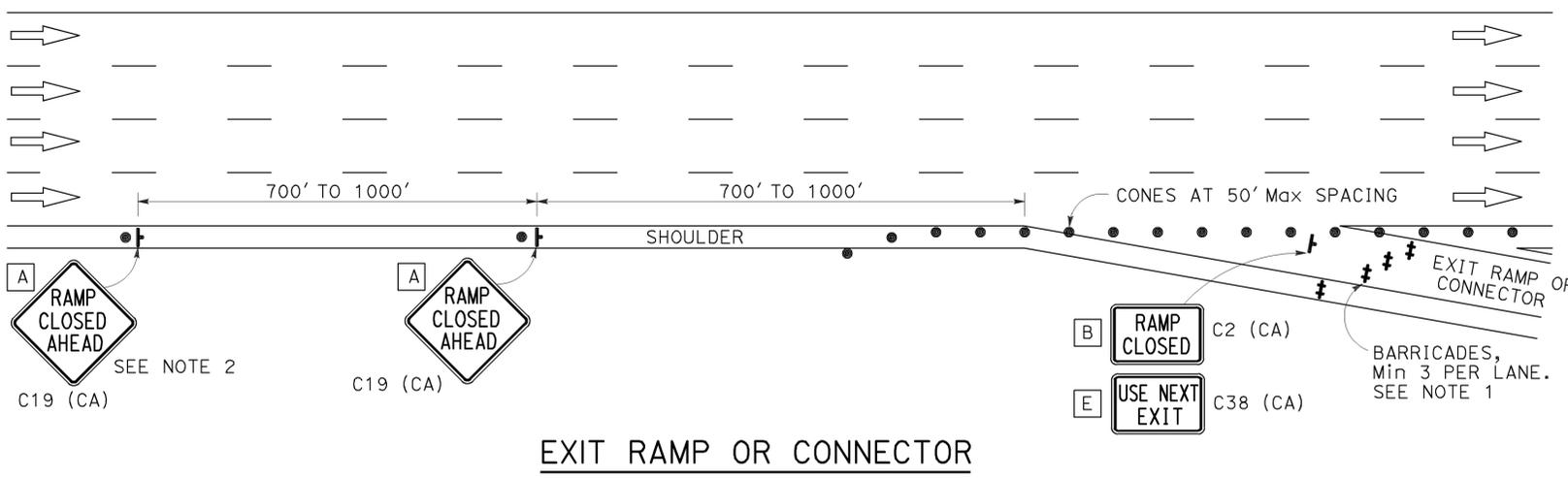
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

LEGEND

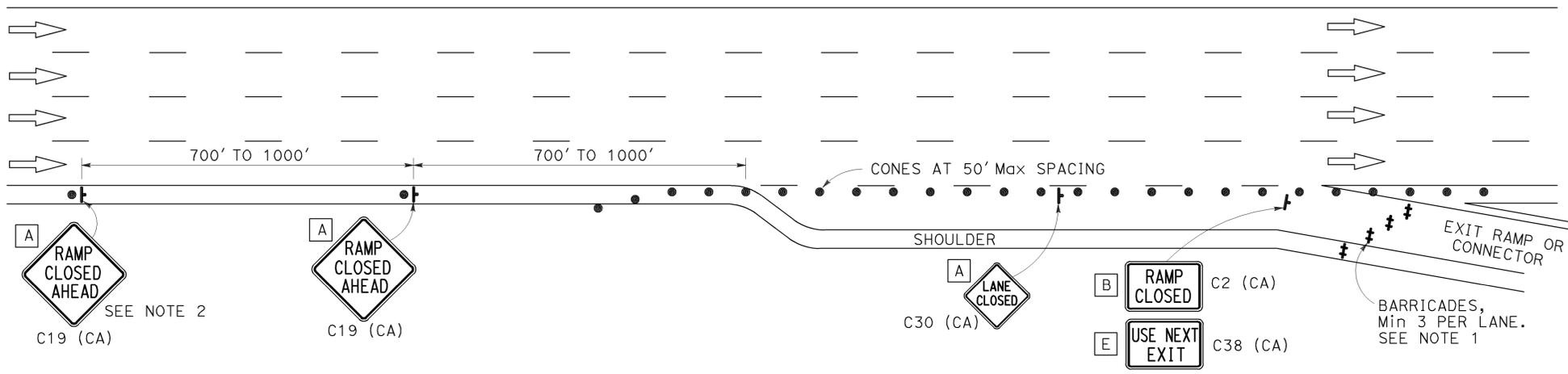
- TRAFFIC CONE
- † TEMPORARY SIGN
- ‡ BARRICADES

NOTES:

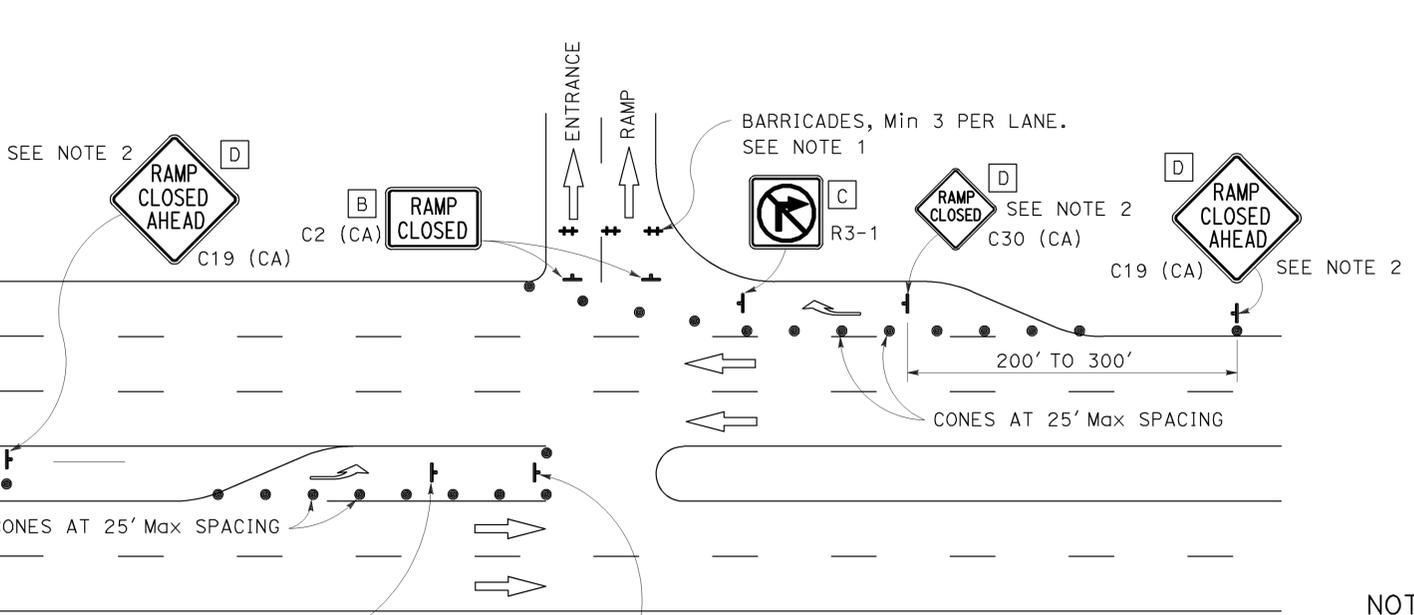
- Barricades shall be Type I, II, or III for closures lasting one week or less and Type III for closures lasting longer than one week.
- In addition to placing the C19 (CA) "RAMP CLOSED AHEAD" and C30 (CA) "RAMP CLOSED" signs, black on orange overlay plates with the word "CLOSED" may be mounted, as directed 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.
- 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.
- All cones used for ramp closures during the hours of darkness shall be fitted with retroreflective bands (or sleeves) as specified in the specifications.
- Portable delineators, placed at one-half the spacing indicated for traffic cones, may be used instead of cones for daytime ramp closures only.
- At least one person shall be assigned to provide full time maintenance of traffic control devices, unless otherwise directed by the Engineer.
- The existing "EXIT" sign in the gore area shall be covered during ramp closures.



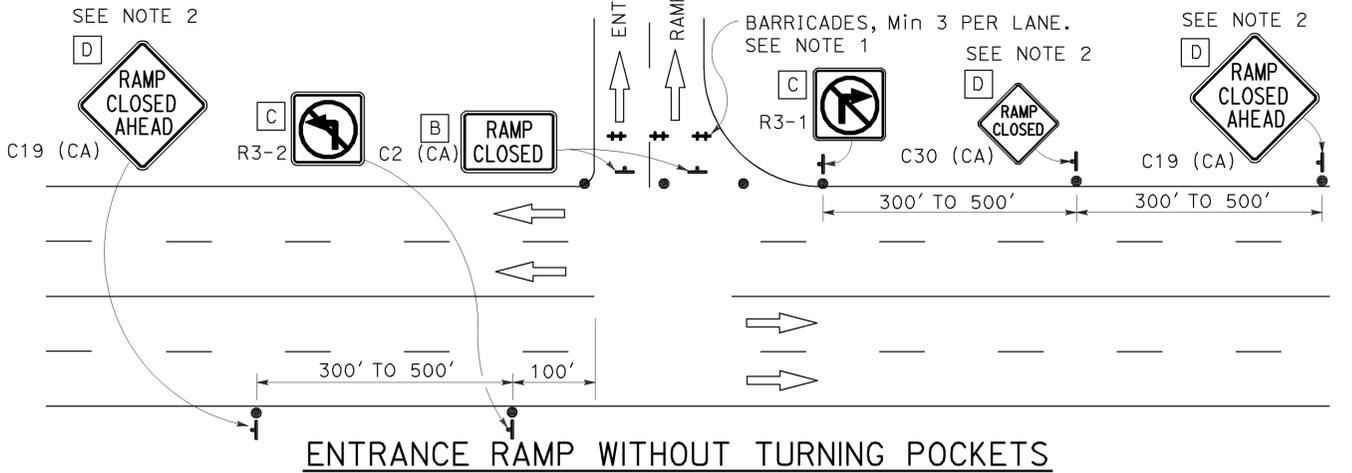
EXIT RAMP OR CONNECTOR



EXIT RAMP OR CONNECTOR WITH ADDITIONAL LANE



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-2

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