INDEX OF PLANS

SHEET NO.	DESCRIPTION
1	TITLE AND LOCATION MAP
2	CONSTRUCTION AREA SIGNS AND SUMMARY OF QUANTITIES
3	TRAFFIC HANDLING PLAN
4-5	TRAFFIC CONTROL SYSTEM PLANS
	STRUCTURE PLANS
6-7	ROUTE 26/99 SEPARATION Br No. 29-0142

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

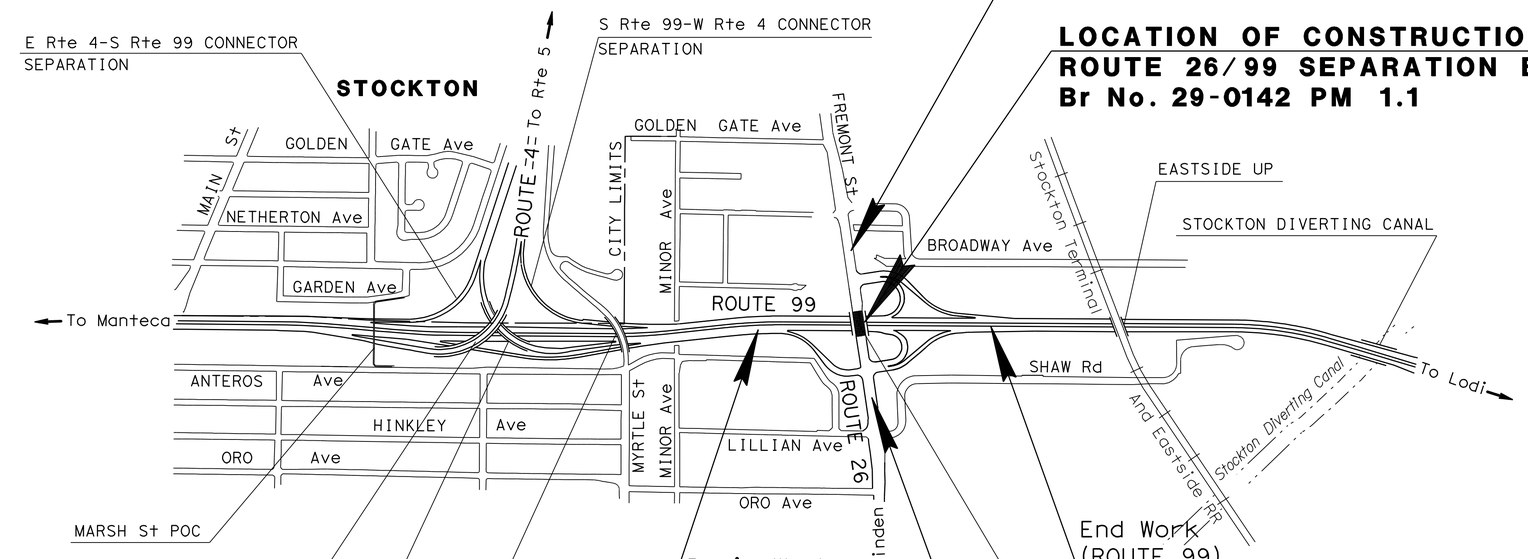
PROJECT PLANS FOR CONSTRUCTION ON STATE HIGHWAY

IN SAN JOAQUIN COUNTY NEAR STOCKTON AT ROUTE 26/99 SEPARATION

TO BE SUPPLEMENTED BY STANDARD PLANS DATED 2010

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	SJ	26	1.1	1	7

LOCATION MAP



LOCATION OF CONSTRUCTION
ROUTE 26/99 SEPARATION BRIDGE
Br No. 29-0142 PM 1.1

NO SCALE

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

PROJECT MANAGER: ALVIN MANGINDIN

DESIGN ENGINEER: ALVIN MANGINDIN

Rhodel De Claro 02/15/13
PROJECT ENGINEER DATE
REGISTERED CIVIL ENGINEER

February 25, 2013
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — RHODEL De CLARO — No. 74058 — Exp. 6/30/13 — CIVIL — STATE OF CALIFORNIA

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CONTRACT No.	10-0W7204
PROJECT ID	1012000030

DATE PLOTTED => 28-FEB-2013
TIME PLOTTED => 14:55
LAST REVISION 00-00-00

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	SJ	26	1.1	2	7

Rhodel DeClaro 2/15/13
REGISTERED CIVIL ENGINEER DATE

2/25/13
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
RHODEL De CLARO
No. 74058
Exp 6/30/13
CIVIL
STATE OF CALIFORNIA

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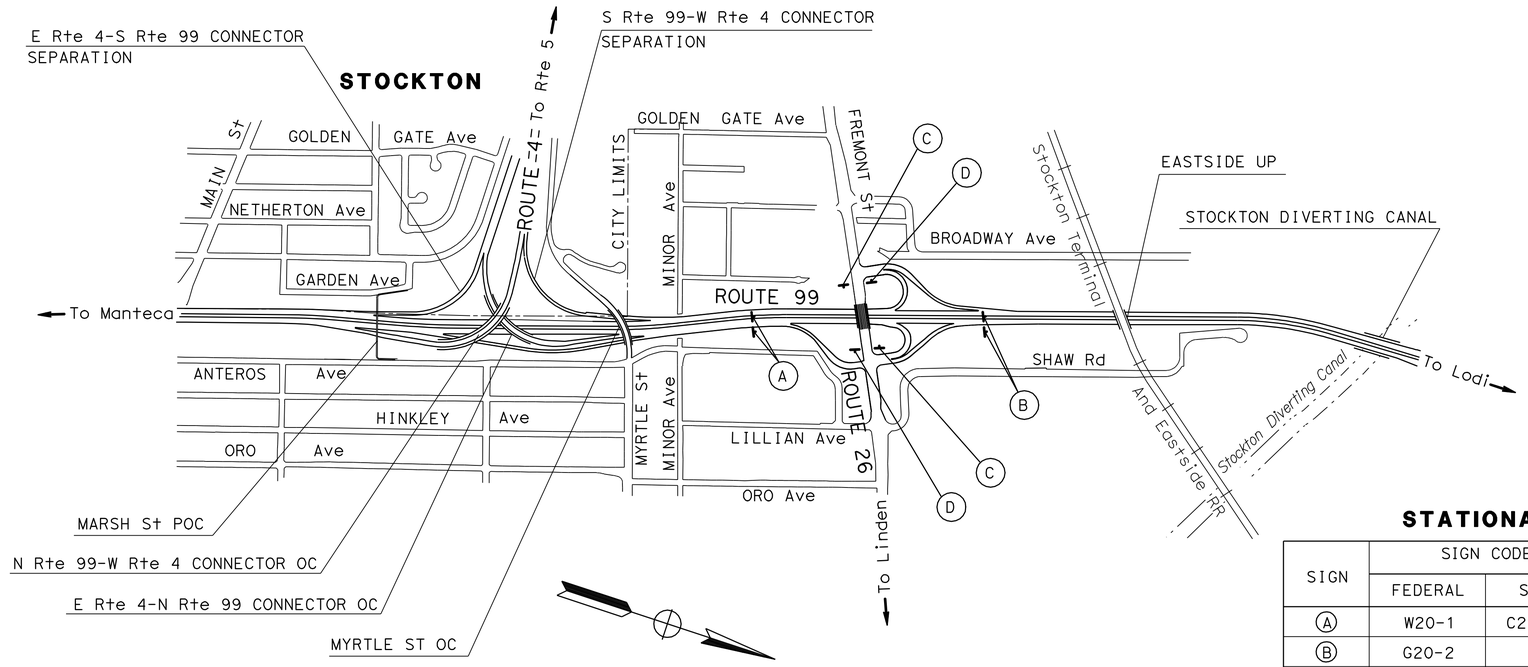


STATIONARY MOUNTED CONSTRUCTION AREA SIGNS

SIGN	SIGN CODE		PANEL SIZE	No. OF POSTS AND SIZE	No. OF SIGNS	SIGN MESSAGE
	FEDERAL	STATE				
Ⓐ	W20-1	C23 (CA)	48" x 48"	1 - 4" x 6"	2	ROAD WORK AHEAD
Ⓑ	G20-2		48" x 24"	1 - 4" x 6"	2	END ROAD WORK
Ⓒ	W20-1	C23 (CA)	36" x 36"	1 - 4" x 6"	2	ROAD WORK AHEAD
Ⓓ	G20-2		36" x 18"	1 - 4" x 4"	2	END ROAD WORK

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

TRAFFIC MANAGEMENT SYSTEM ELEMENTS (EXISTING)

ROUTE	PM	DIRECTION	LOCATION	TYPE	DESCRIPTION
26	1.27	EB/WB	EAST OF JUNCTION ROUTE 99	TMS	TRAFFIC MONITORING STATION
	1.38		ORO AVENUE	SIGNAL	
99	18.67		CROSSTOWN	RWIS	ROADSIDE WEATHER INFORMATION SYSTEM
	18.80	NB	NB ROUTE 99 TO WB ROUTE 4	TMS	TRAFFIC MONITORING STATION
	18.80	SB	EB ROUTE 4 TO SB ROUTE 99	TMS	TRAFFIC MONITORING STATION
	19.11	SB	SOUTH OF ON-RAMP FROM EB FREMONT St/ROUTE 26 EAST	TMS	TRAFFIC MONITORING STATION
	19.28		SB ROUTE 99 AT ROUTE 26 (FREMONT St)	SIGNAL	
	19.29		NB ROUTE 99 AT ROUTE 26 (FREMONT St)	SIGNAL	
	19.37	SB	SOUTH OF ON-RAMP FROM WB FREMONT St/ROUTE 26 EAST	TMS	TRAFFIC MONITORING STATION
	19.51	NB	NORTH OF FREMONT St	CCTV	CLOSED CIRCUIT TELEVISION
	19.51	NB	NORTH OF FREMONT St	CMS	CHANGEABLE MESSAGE SIGN
	19.60	NB/SB	NORTH OF FREMONT St	TMS	TRAFFIC MONITORING STATION
	19.75	NB	FREMONT St	RWIS	ROADSIDE WEATHER INFORMATION SYSTEM
	19.87	NB	SOUTH OF WATERLOO Rd	TMS	TRAFFIC MONITORING STATION

NOTE: TRAFFIC MANAGMENT SYSTEM ELEMENT LOCATIONS ARE APPROXIMATE.

CONSTRUCTION AREA SIGNS AND SUMMARY OF QUANTITIES

NO SCALE

CS-1

APPROVED FOR CONSTRUCTION AREA SIGN WORK ONLY

CALCULATED-DESIGNED BY	JHOANNA OAMILDA	REVISED BY	RD
CHECKED BY	RHODEL De CLARO	DATE REVISED	02/15/13
FUNCTIONAL SUPERVISOR	ALVIN MANGINDIN		

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
MAINTENANCE

LAST REVISION DATE PLOTTED => 28-FEB-2013
00-00-00 TIME PLOTTED => 14:55

BORDER LAST REVISED 7/2/2010 | USERNAME => s123936 | DGN FILE => a0w7201a001.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 2593 | PROJECT NUMBER & PHASE 10120000301

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	SJ	26	1.1	3	7

Rhodel De Claro 2/15/13
REGISTERED CIVIL ENGINEER DATE

2/25/13
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
RHODEL De CLARO
No. 74058
Exp 6/30/13
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. EXACT LOCATIONS OF CONSTRUCTION AREA SIGNS & PCMS TO BE DETERMINED BY THE ENGINEER.
2. * ADVANCED SPECIAL MESSAGE ADVISORY SIGN AT RAMPS.
3. WHEN DETOUR IS NOT IN USE, COVER ALL CONFLICTING ROADSIDE SIGNS EXCEPT SC6-4.
4. AS DETERMINED BY THE ENGINEER, ADDITIONAL PCMS BOARDS SHALL BE PLACED ONE WEEK PRIOR TO FULL CLOSURE FOR ADVANCED NOTIFICATION
5. DURING THE NB ROUTE 99 CLOSURE, THE PCMS MESSAGE AT (F) SHOULD READ:

1ST FRAME	2ND FRAME
NB-99 RAMP CLOSED →	FOLLOW DETOUR

6. DURING CLOSURE, THE PCMS MESSAGE AT (G) SHOULD READ:

1ST FRAME	2ND FRAME
NB 99 CLOSED AHEAD →	USE ROUTE 26 EXIT

LEGEND:

- (X) SIGN NO.
- CONSTRUCTION AREA SIGN (PORTABLE)
- PORTABLE CHANGEABLE MESSAGE SIGN (PCMS)

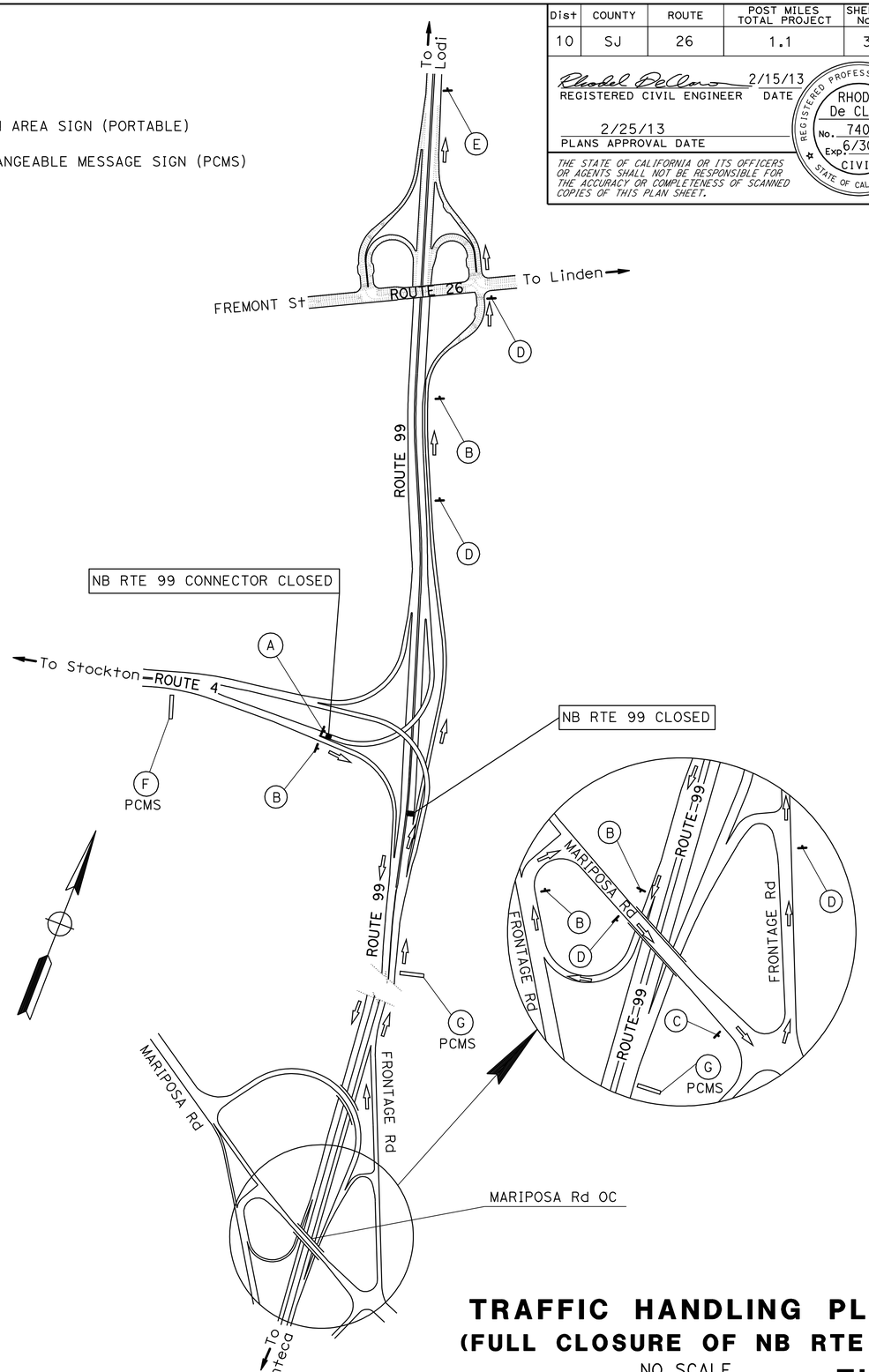
TRAFFIC DETOUR PLAN

FOR NB 99 MOTORISTS:
1. NB ROUTE 99 CLOSED AT ROUTE 26 JUNCTION
2. TAKE EXIT 254B TO ROUTE 26 LINDEN/FREMONT ROAD
3. AT JUNCTION 26/99, TAKE ON-RAMP TO NB ROUTE 99

FOR EB ROUTE 4 TO NB 99 MOTORISTS:
1. NB ROUTE 99 CLOSED AT EB ROUTE 4 TO NB 99 CONNECTOR
2. TAKE SB CONNECTOR TO SB ROUTE 99
3. TAKE MARIPOSA ROAD/ESCALON EXIT
4. TURN RIGHT ON MARIPOSA ROAD
5. TURN LEFT ON FRONTAGE ROAD TO NB ON-RAMP TO ROUTE 99
6. FOLLOW NEXT DETOUR FOR NB ROUTE 99 MOTORISTS

CONSTRUCTION AREA SIGNS (PORTABLE)

SIGN	SIGN CODE FEDERAL	SIGN CODE STATE	PANEL SIZE	No. OF POSTS AND SIZE	No. OF SIGNS	SIGN MESSAGE
(A)*		SC6-4 (CA)	48" x 60"	1 - 6" x 6"	1	"RAMP CLOSED INFO"
(B)	M4-10(R†)		48" x 18"	1 - 4" x 4"	4	DETOUR (ARROW)
(C)	M4-10(L†)		48" x 18"	1 - 4" x 4"	1	DETOUR (ARROW)
(D)		SC3 (CA)	36" x 12"	1 - 4" x 4"	4	DETOUR WITH ARROW
	G28-1(99)		24" x 24"			99 SHIELD
	M3-2		30" x 15"			NORTH
(E)	M4-8a		24" x 12"	1 - 4" x 4"	1	END DETOUR



THIS PLAN ACCURATE FOR TRAFFIC HANDLING WORK ONLY

TRAFFIC HANDLING PLAN
(FULL CLOSURE OF NB RTE 99)

NO SCALE

TH-1

	RD	02/15/13
	REVISED BY	DATE REVISED
CALCULATED-DESIGNED BY	JHOANNA OAMILDA	
CHECKED BY	RHODEL De CLARO	
FUNCTIONAL SUPERVISOR	ALVIN MANGINDIN	

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans®
MAINTENANCE

LAST REVISION: DATE PLOTTED => 28-FEB-2013
00-00-00 TIME PLOTTED => 14:55

BORDER LAST REVISED 7/2/2010 | USERNAME => s123936 | DGN FILE => a0w720md001.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 2593 | PROJECT NUMBER & PHASE 10120000301

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	SJ	26	1.1	4	7

REGISTERED CIVIL ENGINEER — 12-7-12 DATE

2/25/13
PLANS APPROVAL DATE

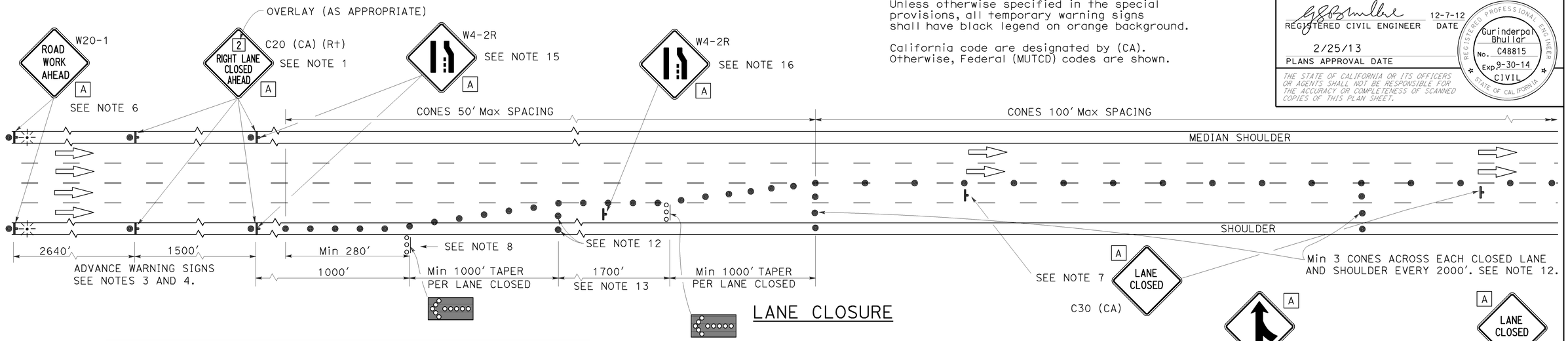
Gurinderpal Bhullar
No. C48815
Exp 9-30-14
CIVIL
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA

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.

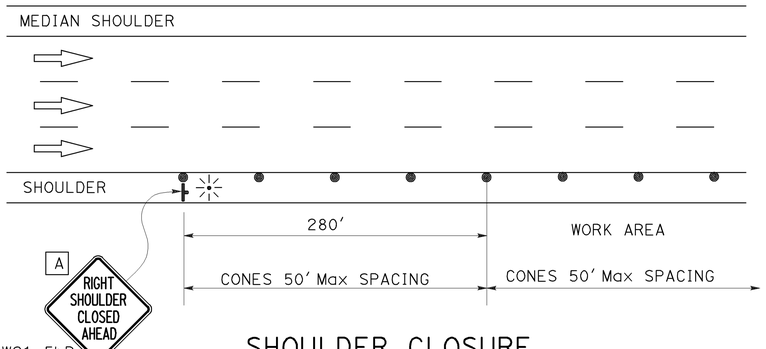
NOTES:

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

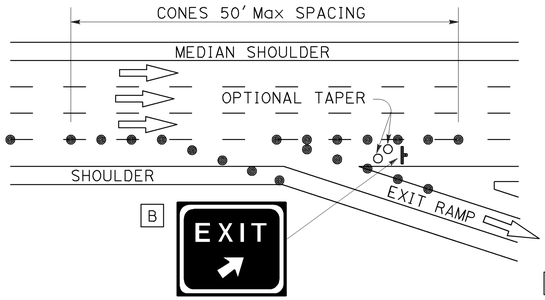
California code are designated by (CA).
Otherwise, Federal (MUTCD) codes are shown.



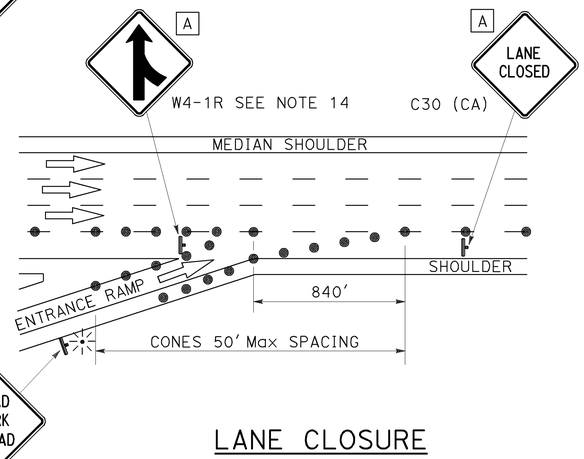
LANE CLOSURE



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" × 48"
B	54" × 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

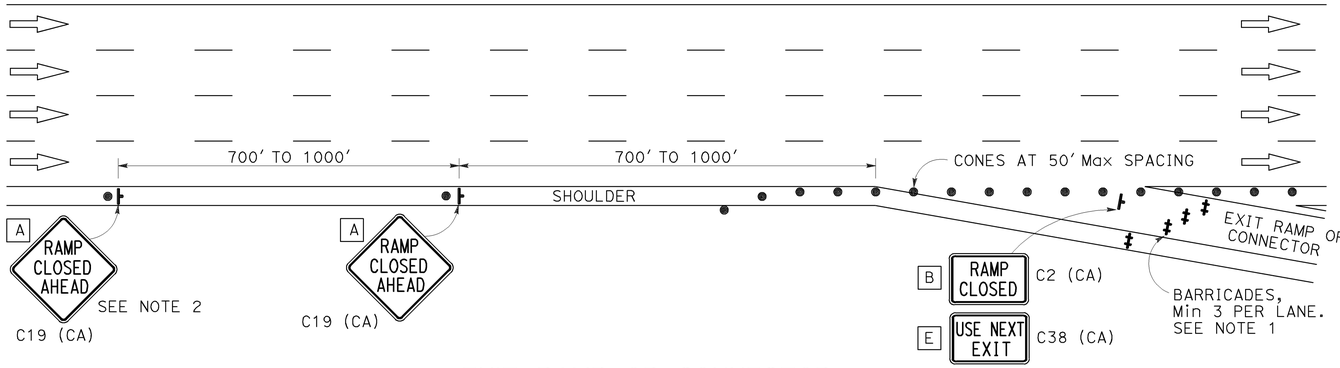
NO SCALE

TCS-1

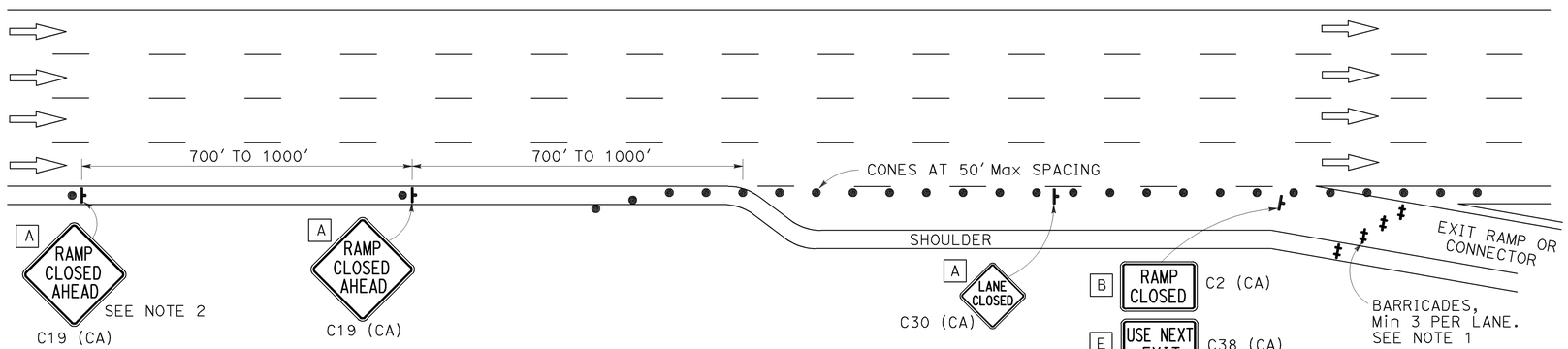
REVISED BY | DATE REVISED
CALCULATED- | DESIGNED BY | CHECKED BY
FUNCTIONAL SUPERVISOR
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

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

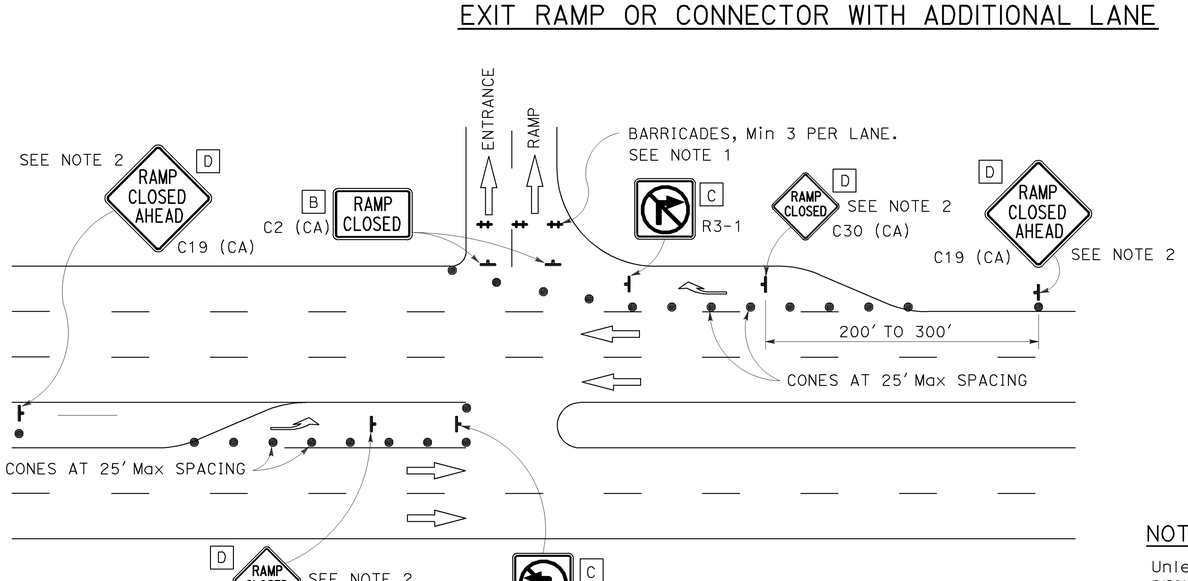
TYPICAL RAMP CLOSURES



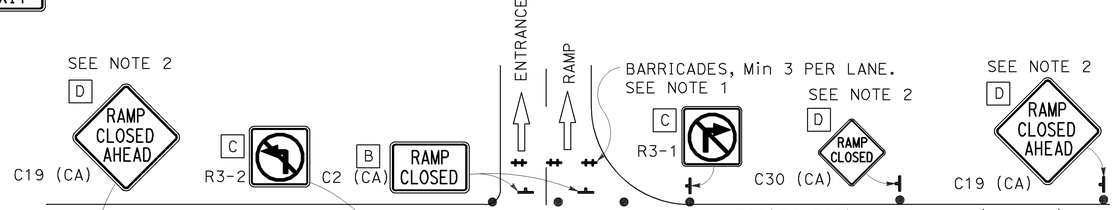
EXIT RAMP OR CONNECTOR



EXIT RAMP OR CONNECTOR WITH ADDITIONAL LANE



ENTRANCE RAMP WITH TURNING POCKETS



ENTRANCE RAMP WITHOUT TURNING POCKETS

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

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.

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.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	SJ	26	1.1	5	7

REGISTERED CIVIL ENGINEER — 12-7-12 DATE

2/25/13
PLANS APPROVAL DATE

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

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STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL SYSTEM FOR RAMP CLOSURE

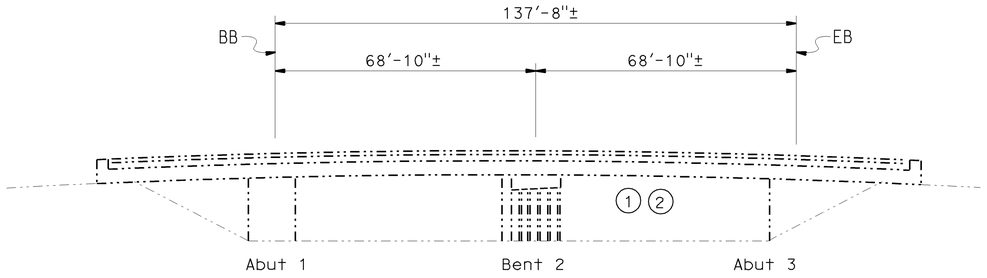
NO SCALE

TCS-2

REVISED BY | DATE REVISED
CALCULATED-DESIGNED BY | CHECKED BY
FUNCTIONAL SUPERVISOR
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans

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

BORDER LAST REVISED 7/2/2010 | USERNAME => s114640 | DGN FILE => tcs14.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 2593 | PROJECT NUMBER & PHASE 10120000301



ELEVATION

1" = 20'

NOTES: (APPLY TO ALL SHEETS)

-·-·-·- Indicates existing.

(1) Heat straighten damaged steel girders, for limits see "PARTIAL PLAN" on "GIRDER LAYOUT"sheet.

(2) a) Spot blast clean and paint undercoat of all girder areas that are heat straightened.

b) Paint finish coat of existing structural steel bridge that are heat straightened (Match existing paint color).

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	SJ	26	1.1	6	7

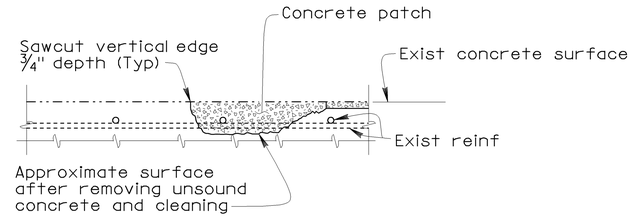
Quang Vo 11-14-12
REGISTERED CIVIL ENGINEER DATE

2/25/13
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — QUANG M. VO — No. C 055211 — Exp. 6-30-14 — CIVIL — STATE OF CALIFORNIA

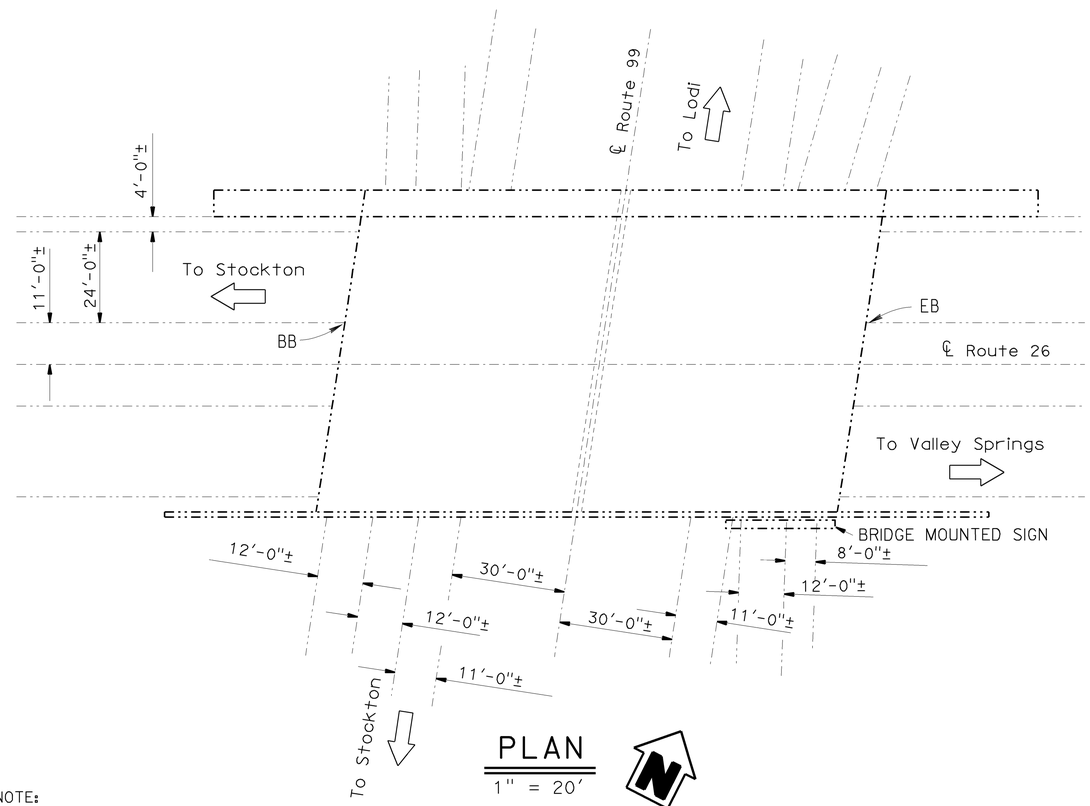
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

GIRDER REPAIR WORK TABLE	
	APPROXIMATE AREA (SQ FT)
HEAT STRAIGHTEN	800
SPOT BLAST CLEAN AND PAINT UNDERCOAT	800
PAINT STRUCTURAL STEEL (EXISTING BRIDGE)	800



SPALL REPAIR DETAIL

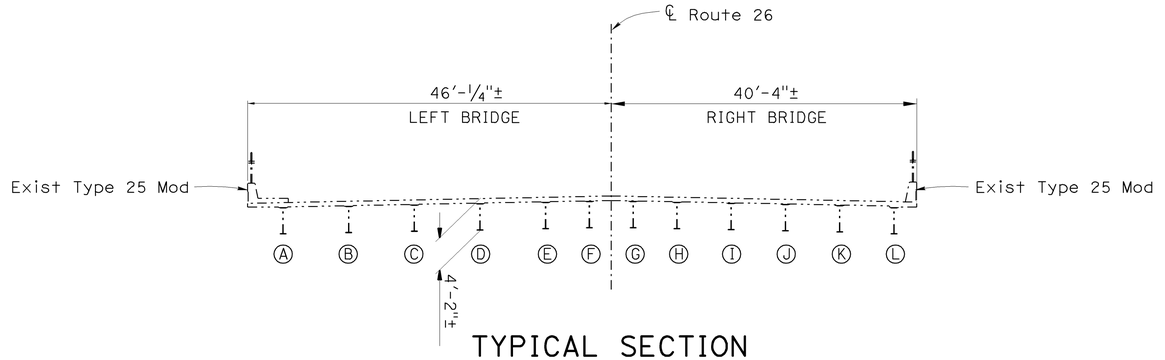
Note: Locations to be determined by the Engineer. Reinforcement may be encountered during concrete removal.



PLAN

1" = 20'

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



TYPICAL SECTION

1" = 10'

STANDARD PLANS DATED 2010

SHEET NO.	TITLE
A10A	ABBREVIATIONS (SHEET 1 OF 2)
A10B	ABBREVIATIONS (SHEET 2 OF 2)

INDEX TO PLANS

QUANTITIES

ROUTE 26/99 SEPARATION — BRIDGE NO. 29-0142

REPAIR SPALLED SURFACE AREA	2.0 SQFT
BRIDGE REMOVAL (PORTION)	LUMP SUM
STRUCTURAL STEEL (BRIDGE)	61 LB
HEAT STRAIGHTEN STEEL GIRDER	LUMP SUM
CLEAN STRUCTURAL STEEL (EXISTING BRIDGE)	LUMP SUM
PAINT STRUCTURAL STEEL (EXISTING BRIDGE)	LUMP SUM
CLEAN AND PAINT STRUCTURAL STEEL	LUMP SUM
SPOT BLAST CLEAN AND PAINT UNDERCOAT	793 SQFT
WORK AREA MONITORING	LUMP SUM

Matthew Lee 11-14-12
DESIGN ENGINEER

DESIGN	BY Quang Vo	CHECKED D. ACOBA	LOAD FACTOR DESIGN	LIVE LOADING: HS20-44 AND ALTERNATIVE AND PERMIT DESIGN LOAD			
DETAILS	BY D. KISH	CHECKED D. ACOBA	LAYOUT	BY D. KISH	CHECKED D. ACOBA		
QUANTITIES	BY Quang Vo	CHECKED D. ACOBA	SPECIFICATIONS	BY D. KLEIN	PLANS AND SPECS COMPARED D. KLEIN		

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

DIVISION OF MAINTENANCE
STRUCTURE MAINTENANCE DESIGN

BRIDGE NO. 29-0142
POST MILE 19.29

ROUTE 26/99 SEPARATION (GIRDER REPAIR)
GENERAL PLAN

STRUCTURES MAINTENANCE GENERAL PLAN SHEET (ENGLISH) (REV. 09-01-10)

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

UNIT: 3488
PROJECT NUMBER & PHASE: 1012000030
CONTRACT NO.: 10-0w7201

DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES				SHEET	OF
11-14-12	9-11-12			1	2

FILE => 10-0w7201_01gp.dgn

USERNAME => s109618 DATE PLOTTED => 20-FEB-2013 TIME PLOTTED => 10:39

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	SJ	26	1.1	7	7

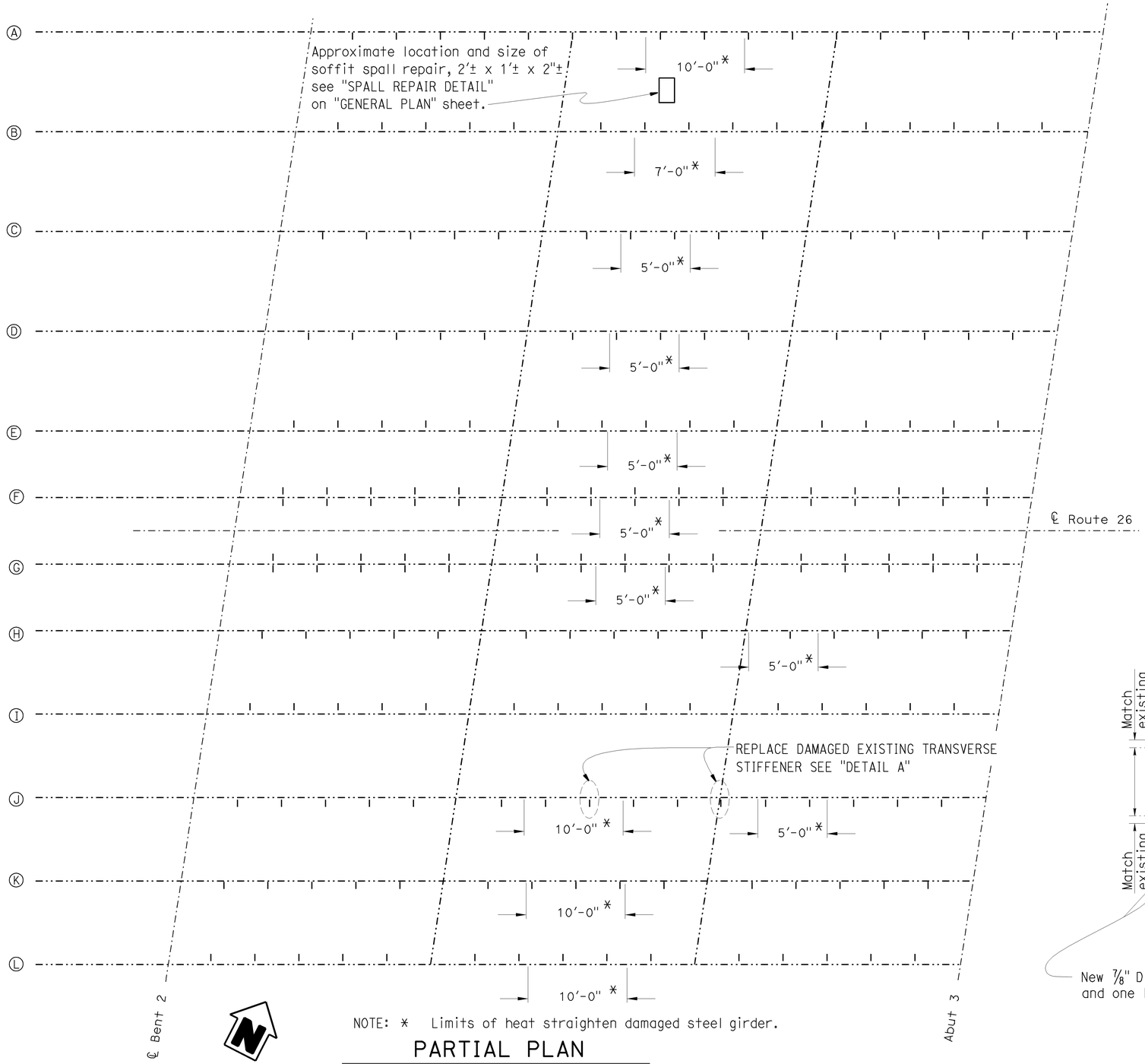
REGISTERED CIVIL ENGINEER — 11-14-12 DATE

2/25/13
PLANS APPROVAL DATE

QUANG M. VO No. C 055211 Exp. 6-30-14 CIVIL — REGISTERED PROFESSIONAL ENGINEER — 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.

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



NOTE: * Limits of heat straighten damaged steel girder.

PARTIAL PLAN

1" = 5'

GENERAL NOTES
LOAD FACTOR DESIGN

DESIGN: BRIDGE DESIGN SPECIFICATIONS (1996 AASHTO with Interims and Revisions by CALTRANS)

DEAD LOAD: Includes 35 psf for future wearing surface.

LIVE LOADING: HS20-44 and alternative

REINFORCED CONCRETE: f_y = 60,000 psi

f'c = 3,250 psi

n = 9

Transverse Deck Slabs (Working Stress Design)

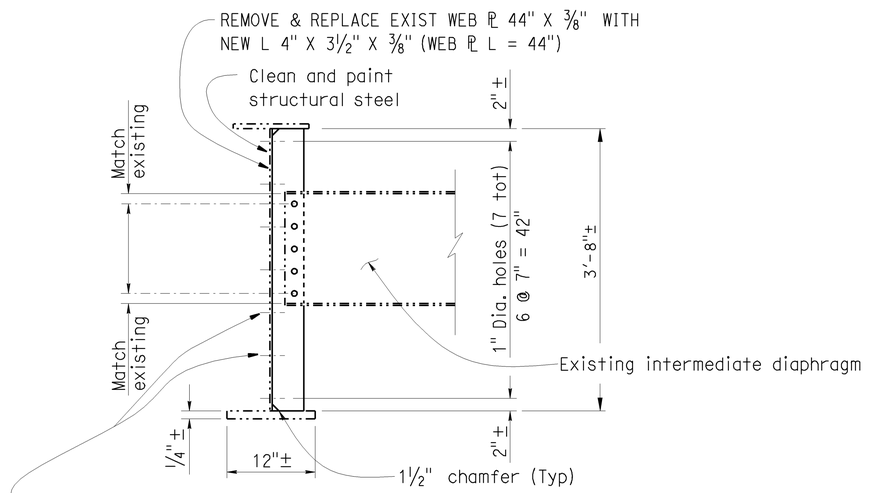
f_s = 20,000 psi

f_c = 1,200 psi

n = 10

STRUCTURAL STEEL: f_y = 50,000 psi

HS THREADED BOLTS : ASTM: A325, Type 1



DETAIL A

1" = 1'

DESIGN	BY Quang Vo	CHECKED D. ACOBA	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF MAINTENANCE STRUCTURE MAINTENANCE DESIGN	BRIDGE NO. 29-0142	ROUTE 26/99 SEPARATION (GIRDER REPAIR)	
DETAILS	BY D. Kish	CHECKED D. ACOBA			POST MILE 19.29	GIRDER LAYOUT	
QUANTITIES	BY Quang Vo	CHECKED D. ACOBA					

STRUCTURES MAINTENANCE GENERAL PLAN SHEET (ENGLISH) (REV. 09-01-10)

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

UNIT: 3488
PROJECT NUMBER & PHASE: 1012000030 CONTRACT NO.: 10-0w7201

DISREGARD PRINTS BEARING EARLIER REVISION DATES →

REVISION DATES				SHEET	OF
7-31-12	9-11-12	9-13-12	11-01-12	2	2

FILE => 10-0w7201_02gir_det01.dgn

USERNAME => s109618 DATE PLOTTED => 20-FEB-2013 TIME PLOTTED => 10:39