Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
09	Iny,Ker	58,190, 395	Var	1	14

INDEX OF PLANS

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 INYO AND KERN COUNTIES AT VARIOUS LOCATIONS

TO BE SUPPLEMENTED BY STANDARD PLANS DATED 2010

LOCATION MAP

LOCATION 1
COSO WASH BRIDGE
PM 19.3
Br No. 48-0055

INYO COUNTY

Owens Dry Lake

ROUTE 190

To Olancha

End Work PM 19.8

To Keeler

Begin Work PM 18.8

FIVE MILE CANYON BRIDGE

Wash

INYO COUNTY

To Pearsonville

ROUTE 395 SB

ROUTE 395 NB

Canyon

Five Mile

End Work PM R6.1

To Little Lake

Begin Work PM R4.1

LOCATION 2
FIVE MILE CANYON BRIDGE
PM R5.1
Br No. 48-0046R

Atchison, Topeka and Santa Fe Railroad

Tehachapi

End Work PM 81.2

ROUTE 58

To Bakersfield

Begin Work PM 79.2

Creek

To Tehachapi

KEENE ROAD UC

Keene

LOCATION 3
HART FLAT UC
PM 80.2
Br No. 50-0253

To Woodford

Brite Creek Tehachapi Creek

LOCATION 4
MILL St OC
PM R91.7
Br No. 50-0355

MILL St

ROUTE 58

Tehachapi Municipal Airport

Summit

TEHACHAPI Blvd

TUCKER Rd

TEHACHAPI

SUMMIT Rd

DENNISON Rd

STEUBERT Rd

TEHACHAPI WILLOW SPRINGS Rd

KERN COUNTY

LOCATION 5
SAND CANYON OH
PM R99.3
Br No. 50-0344L

Monolith

ROUTE 58

Proctor Lake

Cache Creek

SAND CANYON Rd

Atchison, Topeka and Santa Fe Railroad

CAMERON CANYON Rd

LOCATION 6
CAMERON ROAD OC
PM R101.6
Br No. 50-0347

To Mojave

Tehachapi Pass

Cache Creek

ROUTE 58

Cameron

NO SCALE

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

Nicholas I Sprague — 2-7-13
PROJECT ENGINEER — DATE
REGISTERED CIVIL ENGINEER

REGISTERED PROFESSIONAL ENGINEER — Nicholas I Sprague — No. 65040 — Exp. 6-30-13 — CIVIL — STATE OF CALIFORNIA

February 11, 2013
PLANS APPROVAL DATE

PROJECT MANAGER: JOHN FOX
DESIGN ENGINEER: JOHN FOX

CONTRACT No.	09-352904
PROJECT ID	0912000004

LAST REVISION: 02-07-13
DATE PLOTTED => 15-FEB-2013
TIME PLOTTED => 14:26

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
09	Iny,Ker	58,190 395	Var	2	14

Nicholas A. Sprague 2-07-13
REGISTERED CIVIL ENGINEER DATE

2-11-13
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — Nicholas I.Sprague No. 65040 Exp. 6-30-13 CIVIL — STATE OF CALIFORNIA

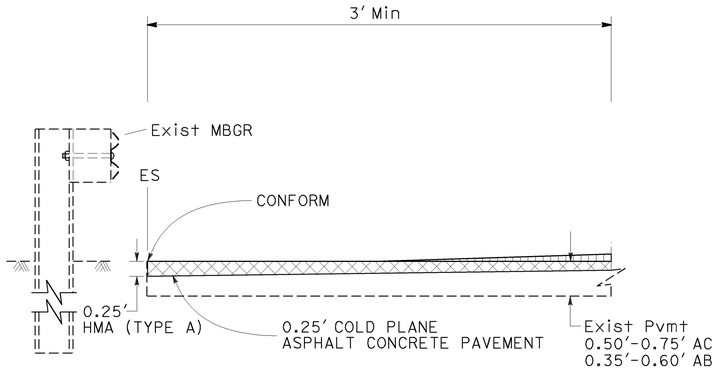
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

LEGEND:

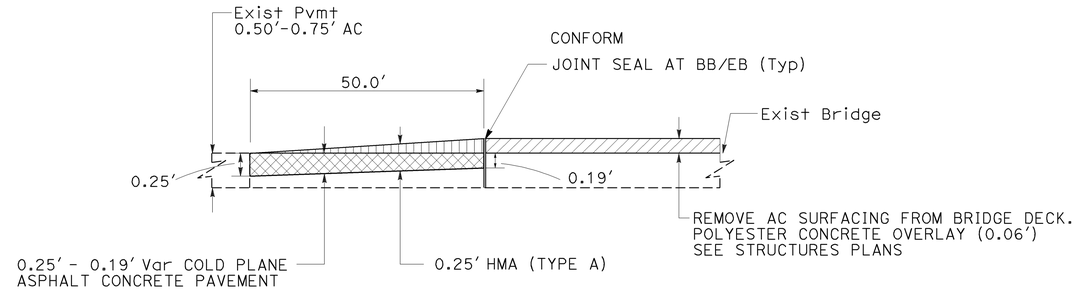
- LIMITS OF POLYESTER CONCRETE OVERLAY
- LIMITS OF COLD PLANE ASPHALT CONCRETE PAVEMENT AND HMA (TYPE A)
- LIMITS OF HMA (TYPE A)
- TFR - TEMPORARY FIBER ROLL (TFR)

NOTES:

1. DIMENSIONS OF THE PAVEMENT STRUCTURES (STRUCTURAL SECTIONS) ARE SUBJECT TO TOLERANCES SPECIFIED IN THE STANDARD SPECIFICATIONS.
2. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

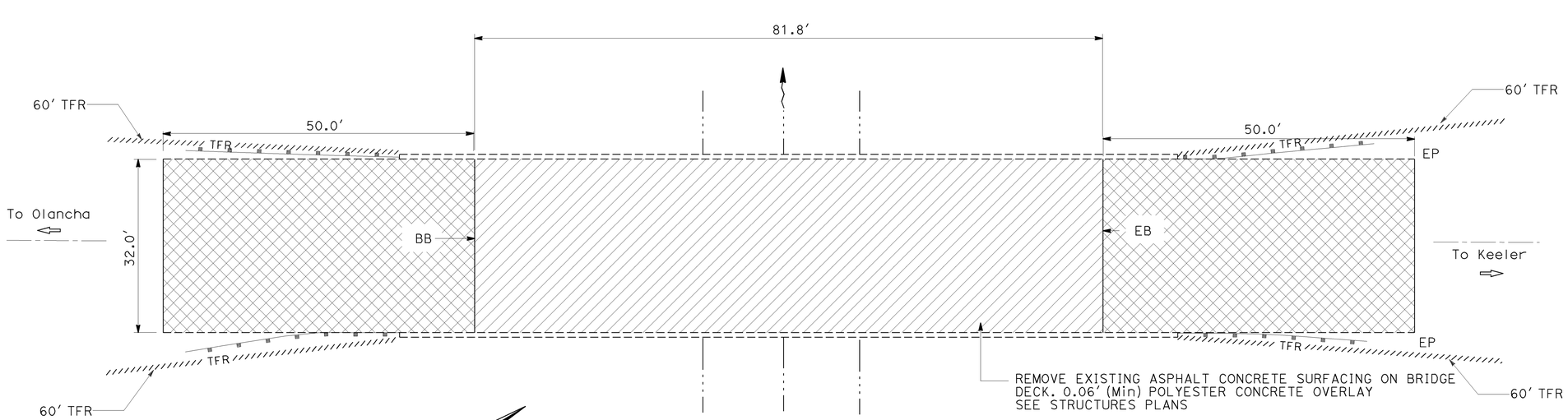


COLD PLANE ASPHALT CONCRETE PAVEMENT AT MBGR



LOCATION 1

CONFORM DETAIL



LOCATION 1
COSO WASH Br
INY 190 PM 19.30
BRIDGE No. 48-0055

CONSTRUCTION DETAILS
(LOCATION 1)
NO SCALE

C-1

CALCULATED-DESIGNED BY	CHECKED BY	REVISED BY	DATE REVISED
MONTASHEEMA AFROZE	NICHOLAS SPRAGUE	NS	05-24-12
		NS	11-27-12

FUNCTIONAL SUPERVISOR: JOHN FOX

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® MAINTENANCE ENGINEERING

LAST REVISION 02-07-13 | DATE PLOTTED => 15-FEB-2013 | TIME PLOTTED => 14:20

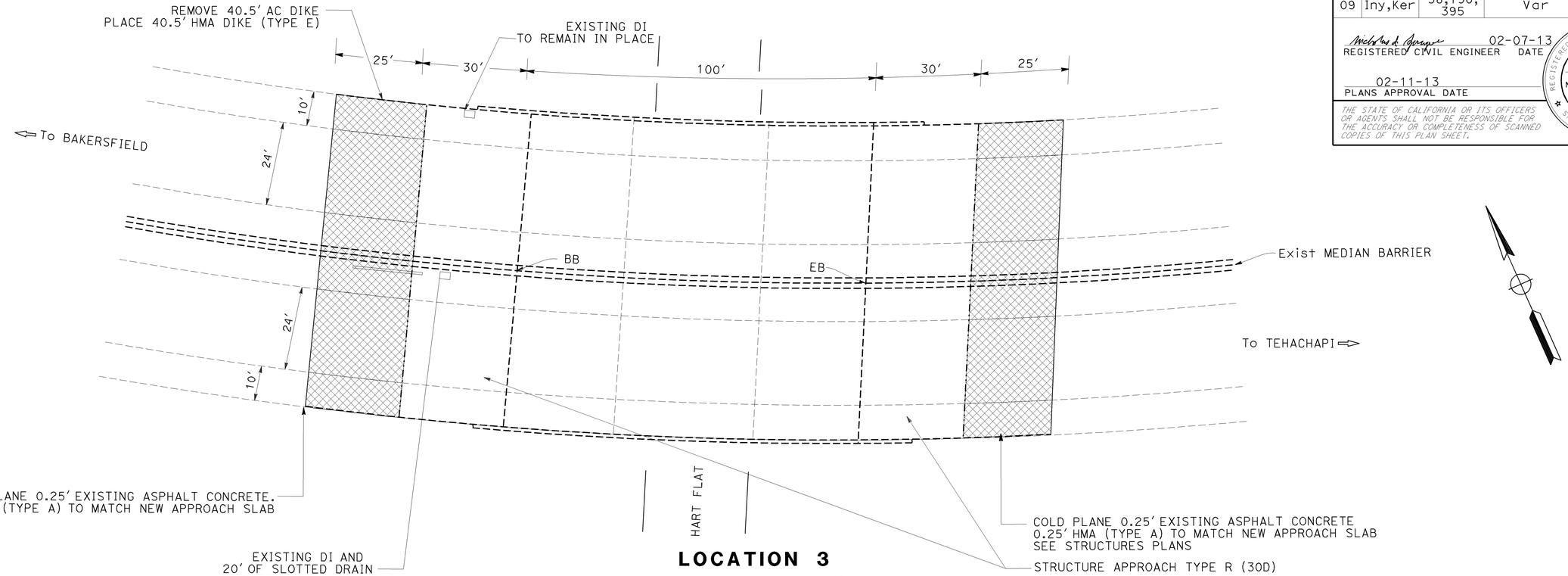
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
09	Iny,Ker	58,190, 395	Var	3	14

Nicholas I. Sprague — 02-07-13
REGISTERED CIVIL ENGINEER DATE

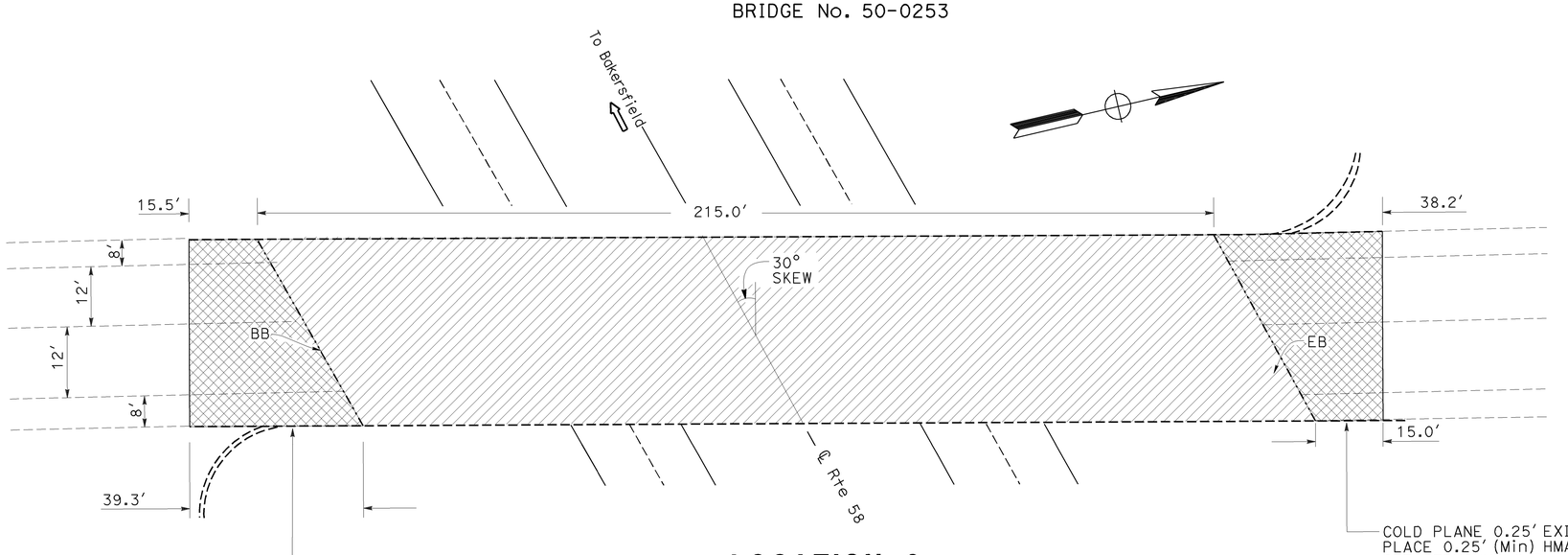
02-11-13
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — Nicholas I.Sprague — No. 65040 — 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.



LOCATION 3
HART FLAT UC
KER 58 PM 80.20
BRIDGE No. 50-0253



LOCATION 6
CAMERON ROAD OC
KER 58 PM R101.60
BRIDGE No. 50-0347

CONSTRUCTION DETAILS (LOCATION 3 AND 6)
NO SCALE

C-2

CALCULATED-DESIGNED BY	CHECKED BY	REVISED BY	DATE REVISED
MONTASHEEMA AFROZE	NICHOLAS SPRAGUE	NS	06-04-12
		NS	10-31-12

FUNCTIONAL SUPERVISOR: JOHN FOX

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® MAINTENANCE ENGINEERING

LAST REVISION 02-07-13 | DATE PLOTTED => 15-FEB-2013 | TIME PLOTTED => 14:20

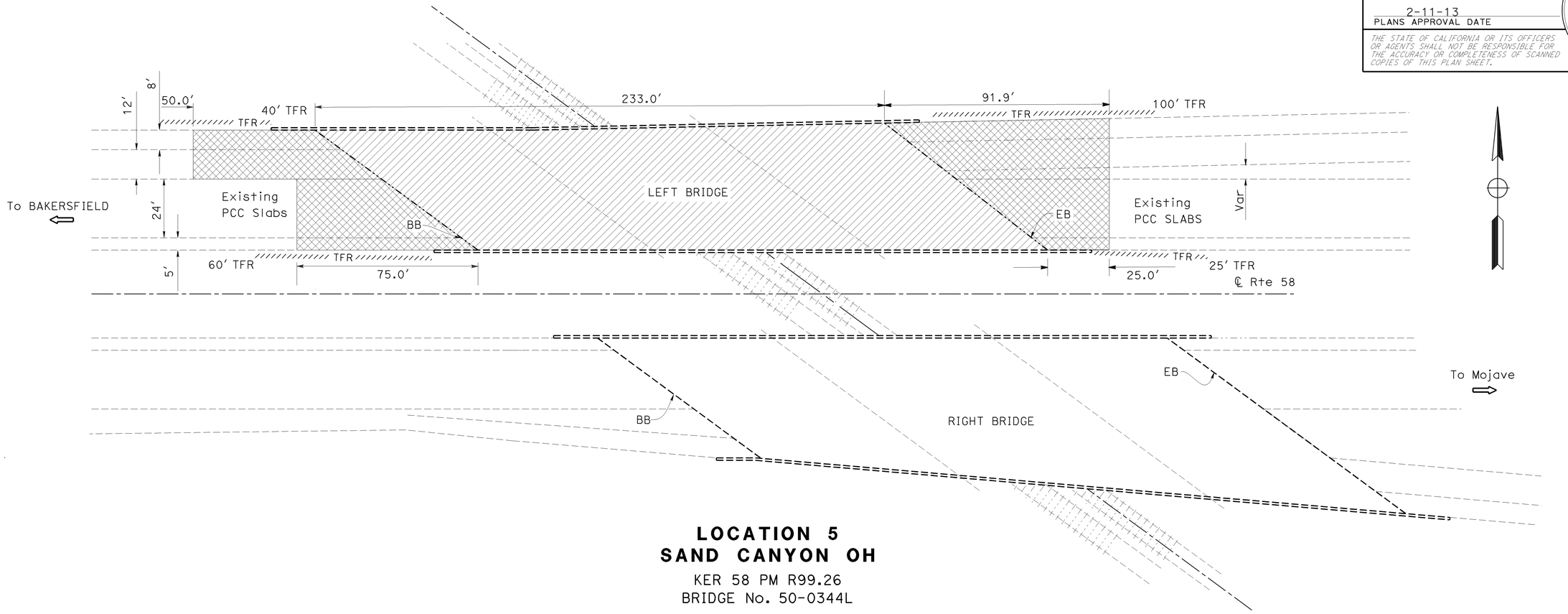
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
09	Iny,Ker	58,190, 395	Var	4	14

Nicholas d Sprague 2-7-13
REGISTERED CIVIL ENGINEER DATE

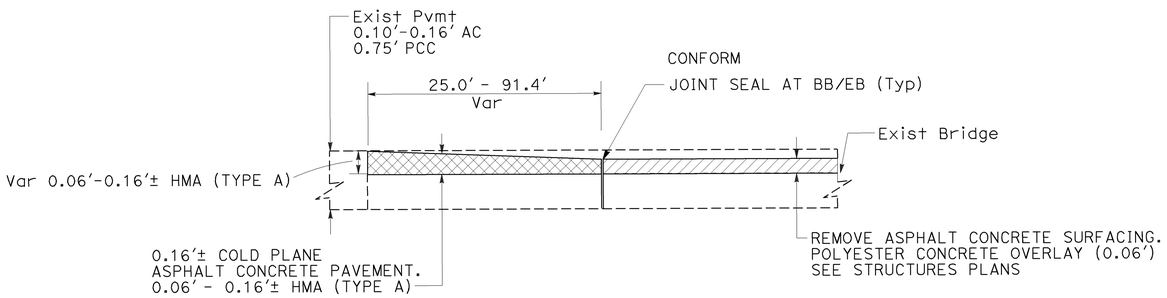
2-11-13
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — Nicholas I.Sprague — No. 65040 — Exp. 6-30-13 — CIVIL — STATE OF CALIFORNIA

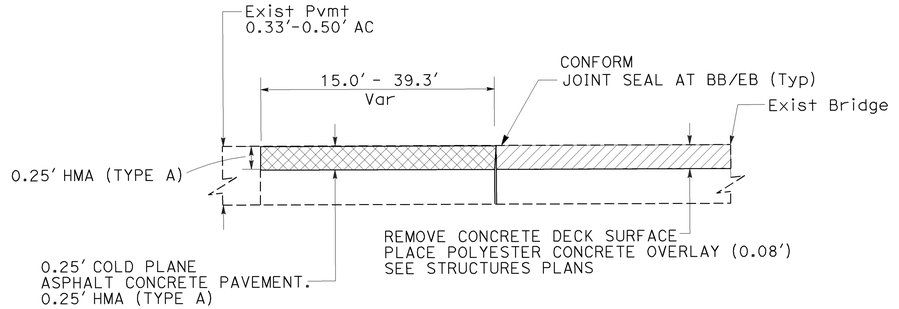
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



LOCATION 5
SAND CANYON OH
KER 58 PM R99.26
BRIDGE No. 50-0344L



LOCATION 5
CONFORM DETAIL



LOCATION 6
CONFORM DETAIL

CONSTRUCTION DETAILS (LOCATION 5 AND 6)

NO SCALE **C-3**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® MAINTENANCE ENGINEERING

FUNCTIONAL SUPERVISOR	JOHN FOX		
CALCULATED-DESIGNED BY	MONTASHEEMA AFROZE	REVISED BY	NS
CHECKED BY	NICHOLAS SPRAGUE	DATE REVISED	05-23-12 | 11-27-12

LAST REVISION | DATE PLOTTED => 15-FEB-2013 | TIME PLOTTED => 14:20
02-07-13

BORDER LAST REVISED 7/2/2010 | USERNAME => S123915 | DGN FILE => 935290ga003.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 2480 | PROJECT NUMBER & PHASE 09120000041

NOTES:

1. FOR SIGN INSTALLATION DETAILS AND DIMENSIONS NOT SHOWN SEE Std PLANS.
2. EXACT LOCATION AND POSITION OF CONSTRUCTION AREA SIGNS TO BE DETERMINED BY THE ENGINEER.
3. EXISTING UTILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.
4. FOR ADDITIONAL CONSTRUCTION AREA SIGNS SEE SHEET CS-2.

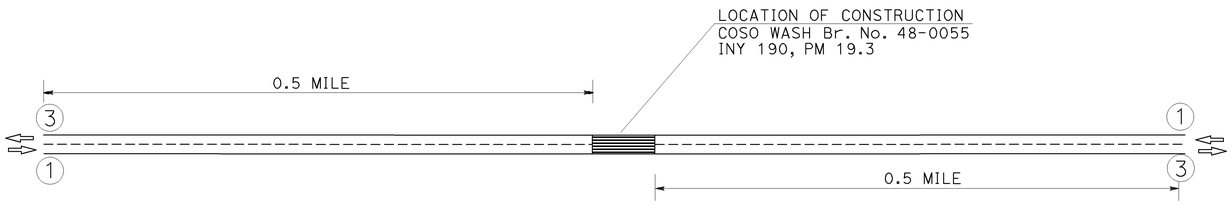
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
09	Iny,Ker	58,190, 395	Var	5	14

Nicholas I. Sprague 2-7-13
REGISTERED CIVIL ENGINEER DATE

2-11-13
PLANS APPROVAL DATE

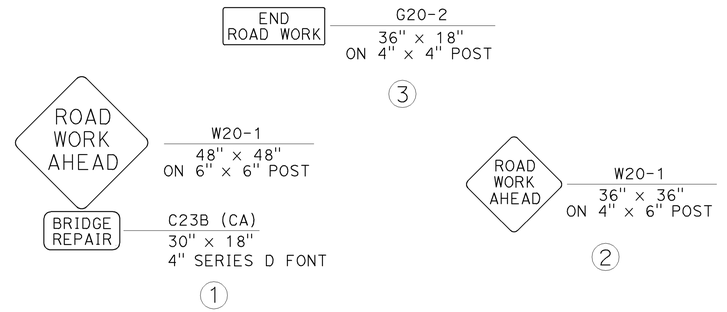
REGISTERED PROFESSIONAL ENGINEER — Nicholas I.Sprague — No. 65040 — Exp. 6-30-13 — CIVIL — STATE OF CALIFORNIA

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.

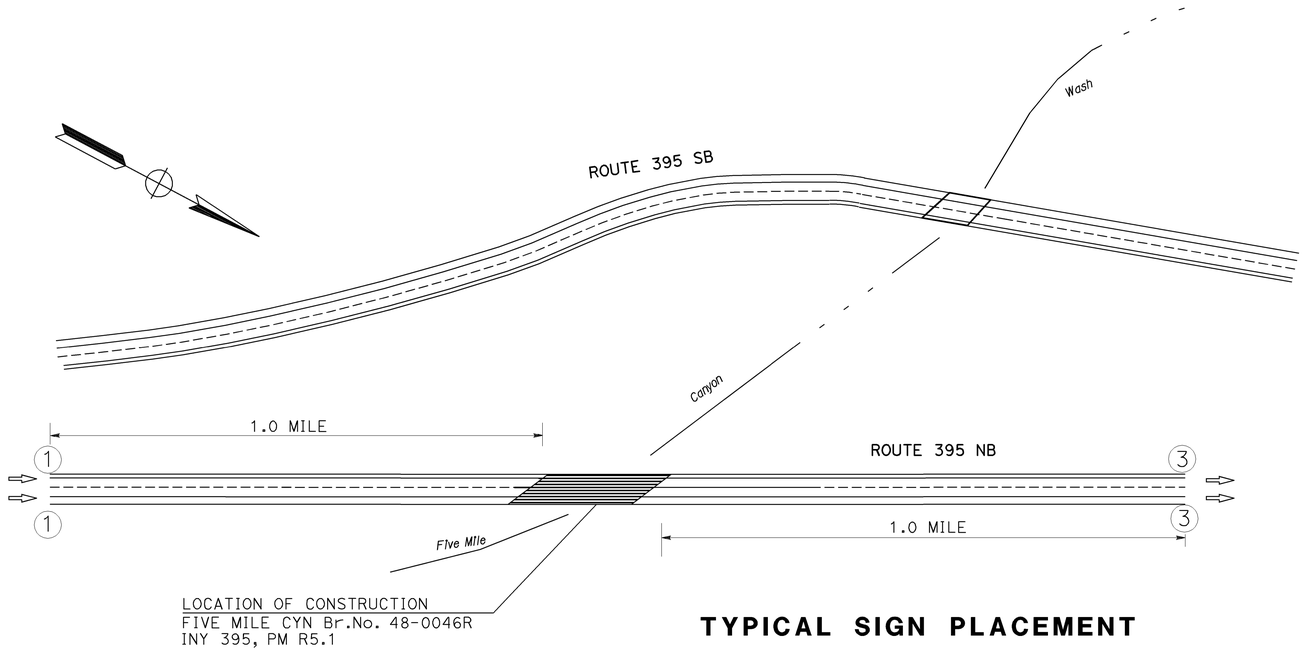


TYPICAL SIGN PLACEMENT

LOCATION 1



TYPICAL SIGN LAYOUT



TYPICAL SIGN PLACEMENT

LOCATION 2

PORTABLE CHANGEABLE MESSAGE SIGNS		
MESSAGE FOR UNDIVIDED HIGHWAY		
USE CAUTION	LANE CLOSED AHEAD	BRIDGE REPAIR

PORTABLE CHANGEABLE MESSAGE SIGNS		
MESSAGE FOR DIVIDED HIGHWAY		
USE CAUTION	LANE CLOSED AHEAD	BRIDGE REPAIR

1. PORTABLE CHANGEABLE MESSAGE SIGN LOCATIONS TO BE CONFIRMED BY THE ENGINEER BEFORE THE ACTUAL CLOSURE.
2. ALTERNATE MESSAGES MUST BE APPROVED BY THE ENGINEER.
3. MESSAGE MAY BE ALTERED BY THE ENGINEER.
4. WHEN CONSTRUCTION OPERATIONS ARE NOT ACTIVELY IN PROGRESS, PORTABLE CHANGEABLE MESSAGE SIGNS SHALL NOT DISPLAY A MESSAGE UNLESS DIRECTED BY THE ENGINEER.

APPROVED FOR CONSTRUCTION AREA SIGN WORK ONLY

CONSTRUCTION AREA SIGNS

NO SCALE

CS-1

REVISED BY	DATE REVISED
NS	05-16-12
NS	11-27-12

CALCULATED-DESIGNED BY: MONTASHEEMA AFROZE
CHECKED BY: NICHOLAS SPRAGUE
FUNCTIONAL SUPERVISOR: JOHN FOX

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® MAINTENANCE ENGINEERING

LAST REVISION: DATE PLOTTED => 14-FEB-2013 TIME PLOTTED => 11:42
02-07-13

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
09	Iny,Ker	58,190, 395	Var	6	14

Nicholas I. Sprague 2-7-13
REGISTERED CIVIL ENGINEER DATE

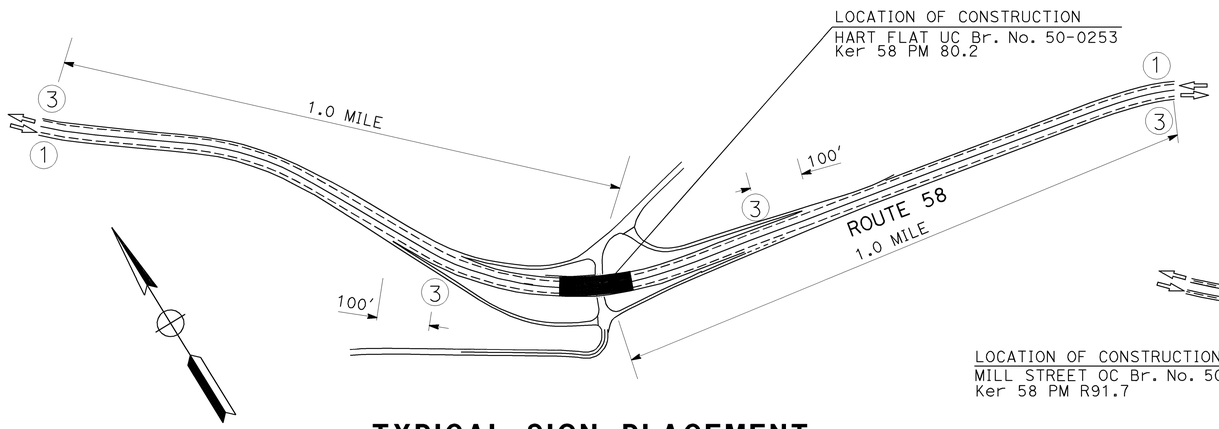
2-11-13
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — Nicholas I.Sprague No. 65040 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.

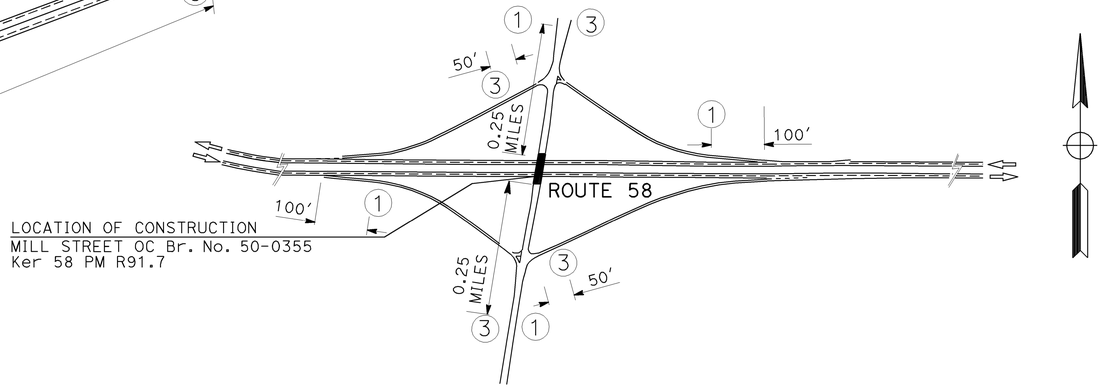
NOTES:

1. EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS
2. FOR ADDITIONAL CONSTRUCTION AREA SIGNS SEE SHEET CS-1
3. CITY OF TEHACHAPI PERMIT NEEDED FOR CONSTRUCTION AREA SIGN PLACEMENT AT MILL STREET (LOCATION 4)



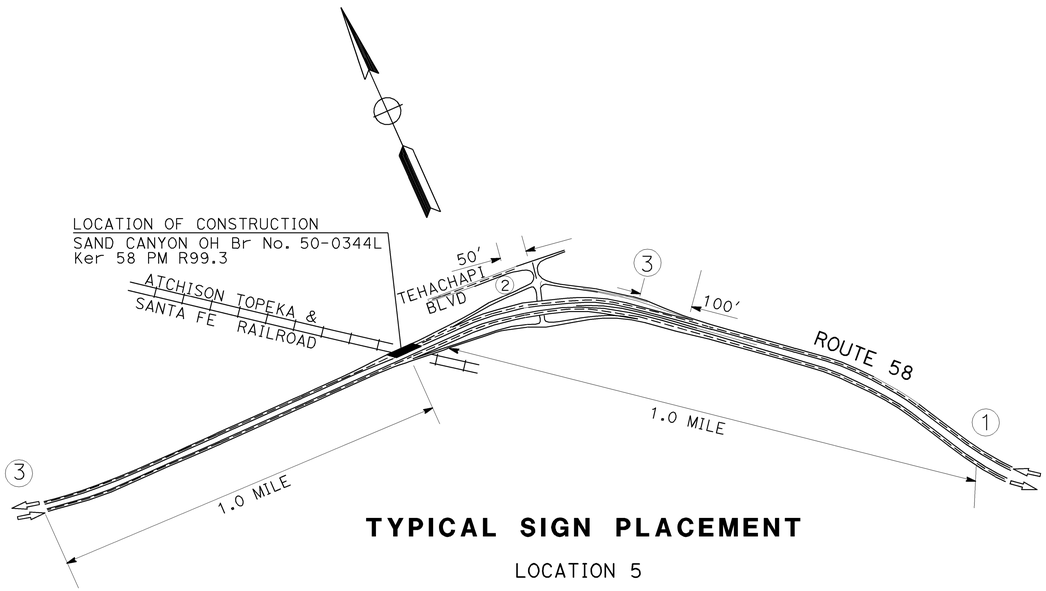
TYPICAL SIGN PLACEMENT

LOCATION 3



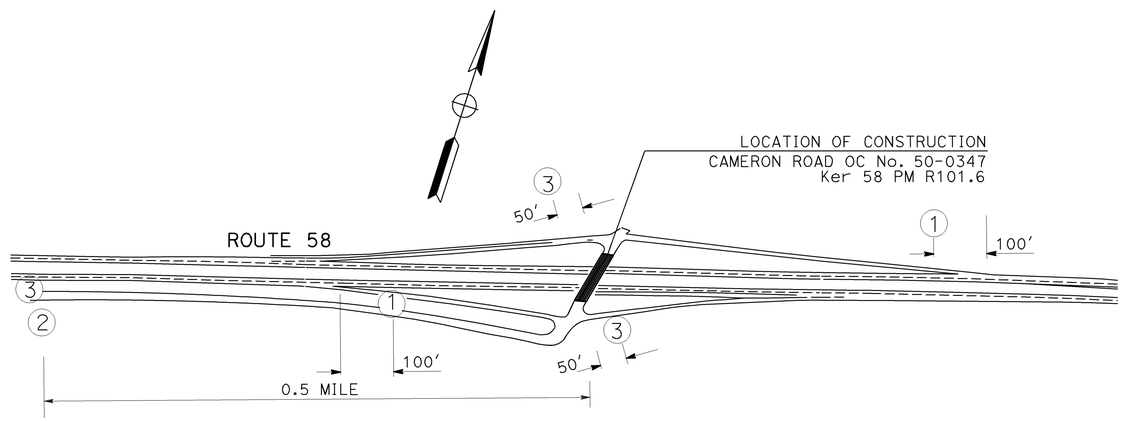
TYPICAL SIGN PLACEMENT

LOCATION 4



TYPICAL SIGN PLACEMENT

LOCATION 5



TYPICAL SIGN PLACEMENT

LOCATION 6

APPROVED FOR CONSTRUCTION AREA SIGN WORK ONLY

CONSTRUCTION AREA SIGNS

NO SCALE

CS-2

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® MAINTENANCE ENGINEERING

FUNCTIONAL SUPERVISOR: JOHN FOX

CALCULATED-DESIGNED BY: MONTASHEEMA AFROZE
CHECKED BY: NICHOLAS SPRAGUE

REVISED BY	DATE REVISED
NS	05-17-12
NS	11-28-12

LAST REVISION: DATE PLOTTED => 14-FEB-2013, TIME PLOTTED => 11:42
02-07-13

BORDER LAST REVISED 7/2/2010

USERNAME => S123915
DGN FILE => 9352901a002.dgn

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

UNIT 2480

PROJECT NUMBER & PHASE 09120000041

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
09	Iny,Ker	58,190, 395	Var	7	14

Nicholas I. Sprague 2-7-13
REGISTERED CIVIL ENGINEER DATE

2-11-13
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — Nicholas I.Sprague No. 65040 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.

STATIONARY MOUNTED CONSTRUCTION AREA SIGNS

LOCATION	ROUTE	PM	PLACEMENT	REMARKS
1	190	18.87	1,3	BEGIN WORK, END WORK ROUTE 190
	190	19.87	1,3	BEGIN WORK, END WORK ROUTE 190
2	395	R4.12	1,1	BEGIN WORK ROUTE 395
	395	R6.12	3,3	END WORK ROUTE 395
3	58	79.23	1,3	BEGIN WORK, END WORK ROUTE 58
	58	80.08	3	OFF RAMP, ROUTE 58 EB
	58	80.39	3	OFF RAMP, ROUTE 58 WB
	58	81.23	3,1	END WORK, BEGIN WORK ROUTE 58
4	58	R91.49	1	BEGIN WORK, OFFRAMP TO MILL St, EB
	58	R91.64	3	END WORK ONRAMP, MILL St TO ROUTE 58, WB
	58	R91.67	1,3	BEGIN WORK, END WORK MILL St 0.25 MI N. 58
	58	R91.67	1,3	BEGIN WORK, END WORK MILL St 0.25 MI S. 58
	58	R91.69	3	END WORK OFFRAMP TO ROUTE 58, EB
	58	R91.92	1	BEGIN WORK, OFFRAMP TO MILL St, WB
5	58	R98.27	3	END WORK ROUTE 58
	58	R99.48	2	BEGIN WORK, ONRAMP, SAND CYN Rd TO 58 WB
	58	R99.71	3	END WORK, ONRAMP, ROUTE 58 WB TO SAND CYN Rd
	58	R100.27	1	BEGIN WORK ROUTE 58 WB
6	58	R101.06	2,3	BEGIN WORK, END WORK CAMERON Rd
	58	R101.34	1	BEGIN WORK, OFFRAMP TO CAMERON Rd, WB
	58	R101.54	3	END WORK, ONRAMP, CAMERON Rd TO ROUTE 58 WB
	58	R101.57	3	END WORK, ONRAMP, CAMERON Rd TO ROUTE 58 EB
	58	R101.88	1	BEGIN WORK, OFFRAMP,ROUTE 58 WB TO CAMERON Rd

STATIONARY MOUNTED CONSTRUCTION AREA SIGNS

LAYOUT	TYPE	PANEL SIZE (in)	SIGN MESSAGE	No. OF POST AND SIZE (Inch)	No. OF SIGNS
(1)	W20-1	48" x 48"	ROAD WORK AHEAD	1 - 6" x 6"	13
	C23B (CA)	30" x 18" 4" SERIES D FONT	BRIDGE REPAIR		
(2)	W20-1	36" x 36"	ROAD WORK AHEAD	1 - 4" x 6"	2
(3)	G20-2	36" x 18"	END ROAD WORK	1 - 4" x 4"	17

APPROVED FOR CONSTRUCTION AREA SIGN WORK ONLY

CONSTRUCTION AREA SIGNS
NO SCALE

CS-3

CALCULATED-DESIGNED BY	MONTASHEEMA AFROZE	REVISED BY	NS
CHECKED BY	NICHOLAS SPRAGUE	DATE REVISED	05-22-12 10-31-12
FUNCTIONAL SUPERVISOR	JOHN FOX		

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® MAINTENANCE ENGINEERING

LAST REVISION | DATE PLOTTED => 14-FEB-2013 | TIME PLOTTED => 11:42 | 02-07-13

BORDER LAST REVISED 7/2/2010 | USERNAME => S123915 | DGN FILE => 9352901a003.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 2480 | PROJECT NUMBER & PHASE | 09120000041

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
09	Iny,Ker	58,190 395	Var	8	14

Nicholas I. Sprague 2-7-13
REGISTERED CIVIL ENGINEER DATE

2-11-13
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — Nicholas I.Sprague No. 65040 Exp. 6-30-13 CIVIL — STATE OF CALIFORNIA

NOTES:
1. REMOVE TRAFFIC STRIPE QUANTITY FOR CONCRETE BRIDGE DECKS ONLY

ROADWAY QUANTITIES

LOCATION	BRIDGE No.	COUNTY	ROUTE	PM	COLD PLANE AC PAVEMENT	HMA (TYPE A)	TACK COAT (N)	SHOULDER RUMBLE STRIP (HMA GROUND-IN INDENTATIONS)
					SQYD	TON	TON	STA
1	48-0055	Iny	190	19.3	355.6	60.0	0.15	
3	50-0253	Ker	58	80.2	500.0	84.4*	0.20	5
5	50-0344L	Ker	58	R99.3	662.1	55.9	0.27	2
6	50-0347	Ker	58	R101.6	255.2	43.1	0.11	
TOTAL					1772.9	243.4	0.73	7

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

*INCLUDES QUANTITY FOR HOT MIX ASPHALT DIKE (TYPE E)

PAVEMENT DELINEATION QUANTITIES

LOCATION	PAINT TRAFFIC STRIPE (2-COAT) DETAIL NUMBER					REMOVE PAVEMENT MARKER	PAVEMENT MARKER (RETROREFLECTIVE)	PAVEMENT MARKER (RETROREFLECTIVE, RECESSED)
	5	12	21	27B	25			
	LF	LF	LF	LF	LF	EA	EA	EA
1	182			364				
3		420		420	420	20	10	10
4			230	460				
5		756		399	357	11	7	4
6			279					
SUBTOTAL	182	1176	509	1643	777			
TOTAL	4287					31	17	14

TEMPORARY FIBER ROLL

LOCATION	BRIDGE No.	TEMPORARY FIBER ROLL
		LF
1	48-0055	240
3	50-0253	200
5	50-0344L	225
TOTAL		665

TEMPORARY DRAINAGE INLET PROTECTION

LOCATION	EA
3	2
5	1
TOTAL	3

REMOVE PAINTED TRAFFIC STRIPE

LOCATION	LF
4	540

SEE NOTE 1

REMOVE ASPHALT CONCRETE DIKE

LOCATION	LF
3	41

PLACE HOT MIX ASPHALT DIKE (TYPE E)

LOCATION	LF
3	41

HMA (TYPE A) QUANTITY INCLUDED IN ROADWAY QUANTITIES

SUMMARY OF QUANTITIES

NO SCALE **Q-1**

NS	11-28-12	MONTASHEEMA AFROZE	CALCULATED-DESIGNED BY	STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	
NS	07-03-12	NICHOLAS SPRAGUE	CHECKED BY	Caltrans® MAINTENANCE ENGINEERING	
REVISED BY	DATE REVISED	JOHN FOX	FUNCTIONAL SUPERVISOR		

DATE PLOTTED => 19-FEB-2013
TIME PLOTTED => 15:28

02-07-13

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
09	Iny,Ker	58,190 395	Var	9	14

REGISTERED CIVIL ENGINEER — 12-7-12 DATE

2-11-13 PLANS APPROVAL DATE

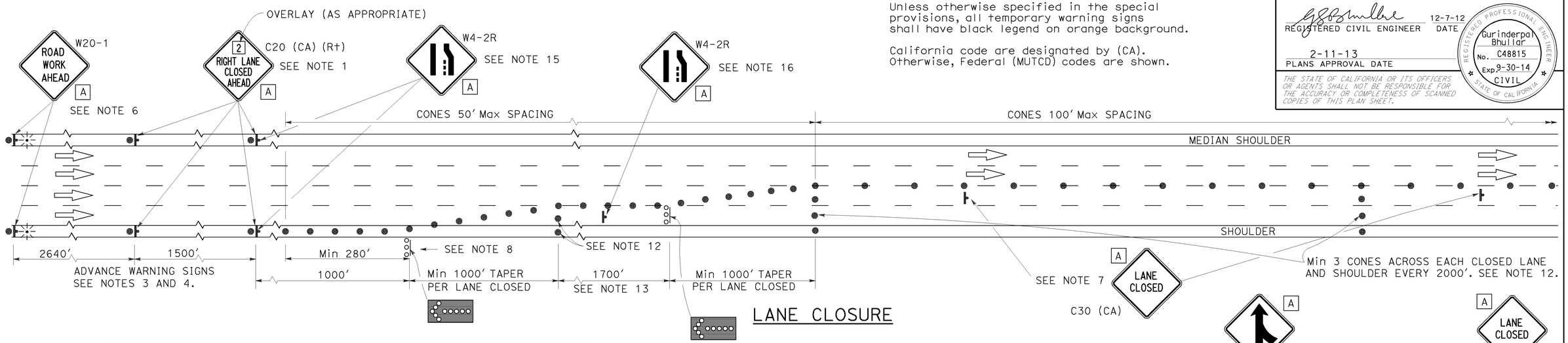
REGISTERED PROFESSIONAL ENGINEER — Gurinderpal Bhullar — No. C48815 — Exp 9-30-14 — CIVIL — STATE OF CALIFORNIA

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.

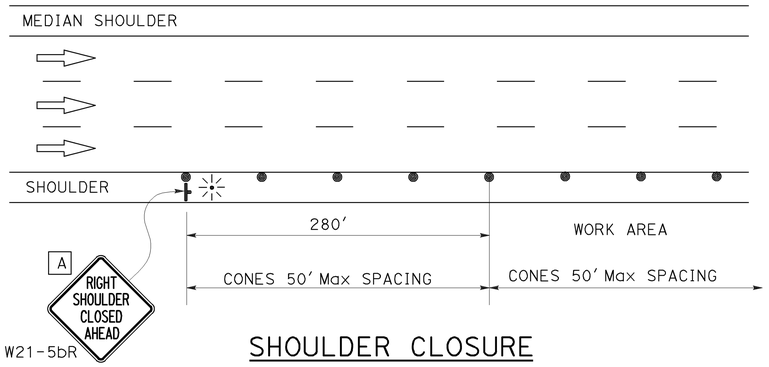
NOTES:

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

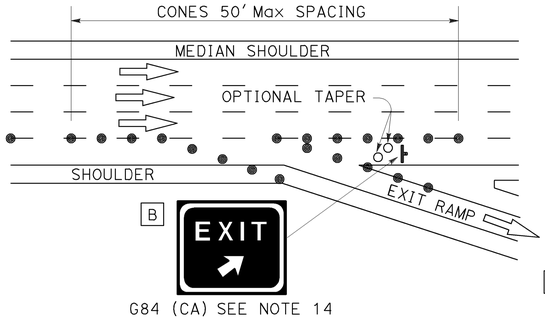
California code are designated by (CA). Otherwise, Federal (MUTCD) codes are shown.



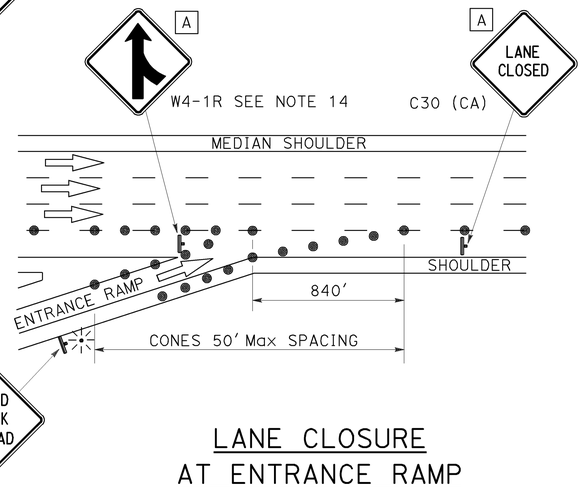
LANE CLOSURE



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

REVISED BY — DATE REVISED
MONTASHEEMA AFROZE — NICHOLAS SPRAGUE
CALCULATED-DESIGNED BY — CHECKED BY
FUNCTIONAL SUPERVISOR — JOHN FOX
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans MAINTENANCE ENGINEERING

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

BORDER LAST REVISED 7/2/2010 | USERNAME => s114640 | DGN FILE => tcs10.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 2480 | PROJECT NUMBER & PHASE 09120000041

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
09	Iny,Ker	58,190 395	Var	10	14

REGISTERED CIVIL ENGINEER — 12-7-12 DATE

2-11-13 PLANS APPROVAL DATE

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

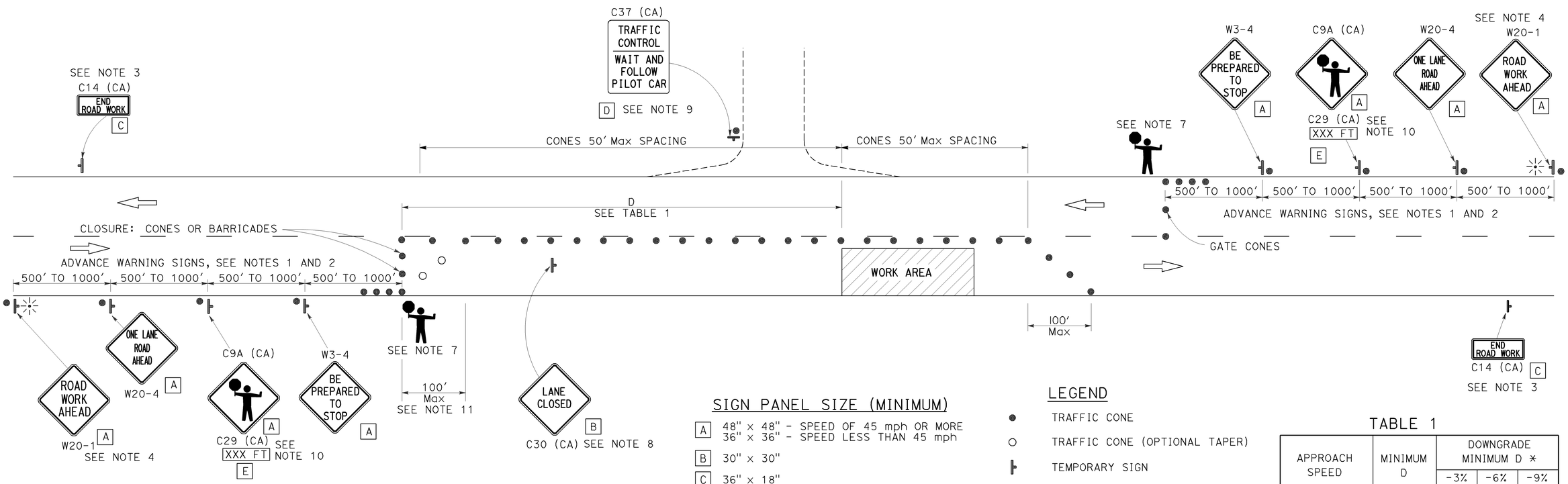
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

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.

TYPICAL LANE CLOSURE WITH REVERSIBLE CONTROL



SIGN PANEL SIZE (MINIMUM)

- A — 48" x 48" - SPEED OF 45 mph OR MORE; 36" x 36" - SPEED LESS THAN 45 mph
- B — 30" x 30"
- C — 36" x 18"
- D — 36" x 42"
- E — 36" x 9"

LEGEND

- TRAFFIC CONE
- TRAFFIC CONE (OPTIONAL TAPER)
- TEMPORARY SIGN
- PORTABLE FLASHING BEACON
- FLAGGER

TABLE 1

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
55	495	520	553	593
60	570	598	638	686
65	645	682	728	785

* 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 closer in urban areas.
2. Each advance warning sign in each direction of travel 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 control 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 W20-4 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. Additional advance flaggers may be required. Flagger should stand in a conspicuous place, be visible to approaching traffic as well as approaching vehicles after the first vehicle has stopped. During the hours of darkness, the flagging-station and flagger shall be illuminated and clearly visible to approaching traffic. The illumination footprint of the lighting on the ground shall be at least 20' in diameter. Place a minimum of four cones at 50' intervals in advance of flagger station as shown.
8. Place C30 (CA) "LANE CLOSED" sign at 500' to 1000' intervals throughout extended work areas. They are optional if the work area is visible from the flagger station.
9. When a pilot car is used, place a C37 (CA) "TRAFFIC CONTROL-WAIT AND FOLLOW PILOT CAR" sign at all intersections within traffic control area. Signs shall be clean and visible at all times.
10. An optional C29 (CA) sign may be placed below the C9A (CA) sign.
11. Traffic cones or barricades may be placed on the optional taper as shown, barricades shall be Type I, II, or III.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL SYSTEM FOR LANE CLOSURE ON TWO LANE CONVENTIONAL HIGHWAYS

NO SCALE

TCS-2

REVISED BY | DATE REVISED
MONTASHEEMA AFROZE | NICHOLAS SPRAGUE
CALCULATED-DESIGNED BY | CHECKED BY
FUNCTIONAL SUPERVISOR: JOHN FOX
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans MAINTENANCE ENGINEERING

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

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO	TOTAL SHEETS
09	Iny,Ker	58,190 395	Var	11	14

11-16-12
REGISTERED CIVIL ENGINEER DATE

02-11-13
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — A. KUSHKAKI — No. 59045 — 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 electronic copies of this plan sheet.

INDEX TO PLANS

STANDARD PLANS DATED 2010

SHEET No.	TITLE
A10A	ACRONYMS AND ABBREVIATIONS (SHEET 1 OF 2)
A10B	ACRONYMS AND ABBREVIATIONS (SHEET 2 OF 2)
B6-21	JOINT SEALS (MAXIMUM MOVEMENT RATING=2")

LEGEND:

- Indicates existing structure
- Indicates direction of traffic.
- Indicates location of clean expansion joint and placement of new joint seal. See "joint seal table and details" sheet.
- Indicates limit of approach and departure slab, for details see "structure approach type R(30D)" sheet.
- Indicates (1), or (2), or (3), or (4)

NOTES 1:

(1) Prepare concrete bridge deck surface and treat bridge deck with high molecular weight methacrylate.

(2) Remove ±1.5" AC overlay (Thickness varies), prepare concrete bridge deck surface, furnish and place new ¾" depth polyester concrete overlay, prior to placing new polyester concrete overlay remove unsound concrete and patch with rapid setting concrete as shown on the detail "A" of "JOINT SEAL TABLE AND DETAILS" sheet. See roadway plan for conform detail.

(3) Remove ±2" AC overlay, prepare concrete bridge deck surface, furnish and place new ¾" depth polyester concrete overlay, prior to placing new polyester concrete overlay remove unsound concrete and patch with rapid setting concrete as shown on the detail "A" of "JOINT SEAL TABLE AND DETAILS" sheet. See roadway plan for conform detail.

(4) Remove 1" concrete deck surface (Hydrodemo), Prepare concrete bridge deck surface, furnish and place new 1" depth polyester concrete overlay, prior to placing new polyester concrete overlay remove unsound concrete and patch with rapid setting concrete as shown on the detai "A" of "JOINT SEAL TABLE AND DETAILS" sheet. See roadway plan for conform detail.

(5) See "JOINT SEAL TABLE AND DETAILS" sheet for joint work.

(6) Indicates repair 3'x2' spall surface area in upstream concrete at Pier 2. For details see Detail "B" on the "QUANTITIES AND RAILING DETAILS" sheet.

(7) Indicates repair 2.25'x233' spall surface area along the north and south sides of railing. For details see detail "C" on the "QUANTITIES AND RAILING REPAIR DETAILS" sheet.

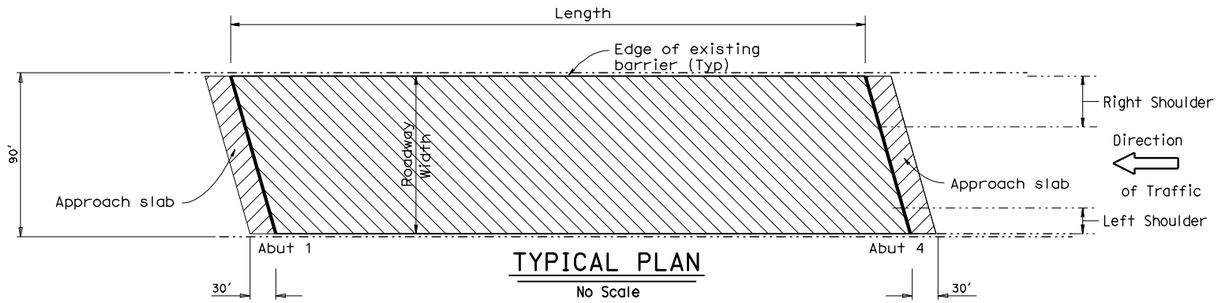
(8) Indicates repair 2'x1.25'x2" spall in concrete barrier rail at northwest and southwest ends of bridge. For details see detail "E" on the "QUANTITIES AND RAILING REPAIR DETAILS" sheet.

(9) Remove existing approach slab and place new approach slab type R(30D). For details, See "STRUCTURE APPROACH TYPE R(30D)" sheet. Epoxy coat all reinforcing steel.

DESCRIPTION OF WORK

LOCATION	ROUTE	BRIDGE NAME	BRIDGE NUMBER	POST MILE	BRIDGE LENGTH (ft)	ROAD WAY WIDTH (ft)	SKEW	DESCRIPTION OF WORK
(1)	190	COSO WASH	48-0055	19.36	82	31.8	*	(2)
(2)	395	FIVE MILE CANYON	48-0046R	R5.12	169.9	39	53	(6)
(3)	58	HART FLAT UC	50-0253	80.24	100	87.3	*	(5) (9)
(4)	58	MILL STREET OC	50-0355	R91.67	180.1	40	9	(1)
(5)	58	SAND CANYON OH	50-0344L	R99.26	232.9	48.9	54	(7) (3)
(6)	58	CAMERON ROAD OC	50-0347	R101.56	214.9	40	30	(8) (4)

* = No Skew



TYPICAL PLAN
No Scale

NOTE:

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

Hongyuan Su
DESIGN ENGINEER 11-16-12

DESIGN	BY A.Kushkaki	CHECKED L. Ellis	LOAD FACTOR DESIGN	LIVE LOADING: HS20-44 AND ALTERNATIVE AND PERMIT DESIGN LOAD	
DETAILS	BY M. Yu	CHECKED A.Kushkaki	LAYOUT	BY M. Yu	CHECKED A.Kushkaki
QUANTITIES	BY A.Kushkaki	CHECKED L. Ellis	SPECIFICATIONS	BY C. Whitten	PLANS AND SPECS COMPARED

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

DIVISION OF MAINTENANCE
STRUCTURE MAINTENANCE AND INVESTIGATIONS

BRIDGE NO.	ROUTE 58, 190, 395 BRIDGES
Various	GENERAL PLAN 1
POST MILE	
Various	

STRUCTURES DESIGN GENERAL PLAN SHEET (ENGLISH) (REV. 10/25/05)

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

CU 0974
PROJECT NUMBER & PHASE: 0912000004

CONTRACT NO.: 09-352901

DISREGARD PRINTS BEARING EARLIER REVISION DATES →

REVISION DATES				SHEET	OF
11-15-12		9-12-12	9-25-12	1	4

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USERNAME => s130617 DATE PLOTTED => 13-FEB-2013 TIME PLOTTED => 14:53

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO	TOTAL SHEETS
09	Iny,Ker	58,190 395	Var	12	14

11-16-12
REGISTERED CIVIL ENGINEER — DATE

02-11-13
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — A. KUSHKAKI — No. 59045 — Exp. 6-30-13 — CIVIL — STATE OF CALIFORNIA

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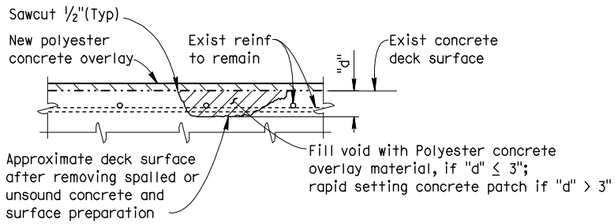
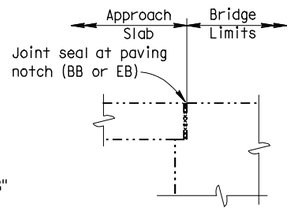
JOINT SEAL TABLE

LOCATION	BRIDGE NAME	BRIDGE NUMBER	LOCATION		MINIMUM "MR" (IN)	APPROXIMATE LENGTH (FT)	EXISTING WATERSTOP	APPROXIMATE DEPTH TO CLEAN JOINT (IN)
(3)	HART FLAT UC	50-0253	Abut 1	BB	0.5	96	Yes	10
			Abut 4	EB	0.5	96	Yes	10

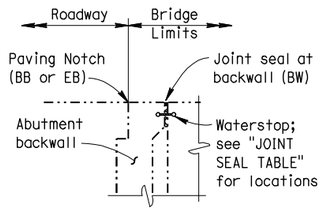


Ⓐ DECK REPAIR DETAIL - OVERLAY

Location to be determined by the Engineer



DIAPHRAGM ABUTMENT



ABUTMENT WITH BACKWALL

JOINT SEAL LOCATION

No scale

NOTE:

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

COSO WASH — BRIDGE NO 48-0055

QUANTITIES

RAPID SETTING CONCRETE (PATCH)	65	CF
REMOVE ASPHALT CONCRETE SURFACING	2,620	SQFT
REMOVE UNSOUND CONCRETE	65	CF
PREPARE CONCRETE BRIDGE DECK SURFACE	2,620	SQFT
FURNISH POLYESTER CONCRETE OVERLAY	200	CF
PLACE POLYESTER CONCRETE OVERLAY	2,620	SQFT

FIVE MILE CANYON — BRIDGE NO 48-0046R

QUANTITIES

RAPID SETTING CONCRETE (PATCH)	1	CF
REMOVE UNSOUND CONCRETE	1	CF
MISCELLANEOUS METAL (BRIDGE)	65	LB

HART FLAT UC — BRIDGE NO 50-0253

QUANTITIES

AGGREGATE BASE (APPROACH SLAB)	20	CY
STRUCTURAL CONCRETE, APPROACH SLAB (TYPE R)	200	CY
PAVING NOTCH EXTENSION	90	CF
JOINT SEAL (MR 1/2")	192	LF

MILL STREET OC — BRIDGE NO 50-0355

QUANTITIES

PREPARE CONCRETE BRIDGE DECK SURFACE	6,840	SQFT
TREAT BRIDGE DECK	6,840	SQFT
FURNISH BRIDGE DECK TREATMENT MATERIAL	76	GAL

SAND CANYON OH — BRIDGE NO 50-0344L

QUANTITIES

RAPID SETTING CONCRETE (PATCH)	285	CF
REMOVE ASPHALT CONCRETE SURFACING	11,420	SQFT
REMOVE UNSOUND CONCRETE	285	CF
PREPARE CONCRETE BRIDGE DECK SURFACE	11,420	SQFT
FURNISH POLYESTER CONCRETE OVERLAY	855	CF
PLACE POLYESTER CONCRETE OVERLAY	11,420	SQFT
REPAIR CONCRETE BARRIER (TYPE 9)	465	LF

CAMERON ROAD OC — BRIDGE NO 50-0347

QUANTITIES

RAPID SETTING CONCRETE (PATCH)	205	CF
REMOVE CONCRETE DECK SURFACE	8,170	SQFT
REMOVE UNSOUND CONCRETE	205	CF
PREPARE CONCRETE BRIDGE DECK SURFACE	8,170	SQFT
FURNISH POLYESTER CONCRETE OVERLAY	950	CF
PLACE POLYESTER CONCRETE OVERLAY	8,170	SQFT
REPAIR CONCRETE BARRIER (TYPE 9)	5	LF

	BY	CHECKED
DESIGN	A.Kushkaki	L. Ellis
DETAILS	M. Yu	A.Kushkaki
QUANTITIES	A.Kushkaki	L. Ellis

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

DIVISION OF MAINTENANCE
STRUCTURE MAINTENANCE AND INVESTIGATIONS

BRIDGE NO. Various
POST MILE Various

ROUTE 58,190,395 BRIDGES
QUANTITIES, JOINT SEAL TABLE & DETAILS

STRUCTURES DESIGN GENERAL PLAN SHEET (ENGLISH) (REV. 10/25/05)

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

CU 0974
PROJECT NUMBER & PHASE: 0912000004

CONTRACT NO.: 09-352901

DISREGARD PRINTS BEARING EARLIER REVISION DATES →

REVISION DATES				SHEET	OF
3-14-12	8-2-12			2	4

USERNAME => s130617 DATE PLOTTED => 13-FEB-2013 TIME PLOTTED => 14:54

FILE => T:\04905\Bridge_Preservation\115-119-2012-my\09-35290-Ahsan\FINAL PSE\09-35290gp002.dgn

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO	TOTAL SHEETS
09	Iny,Ker	58,190 395	Var	13	14

REGISTERED CIVIL ENGINEER — 11-16-12 DATE

02-11-13
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — A. KUSHKAKI — No. 59045 — Exp. 6-30-13 — CIVIL — STATE OF CALIFORNIA

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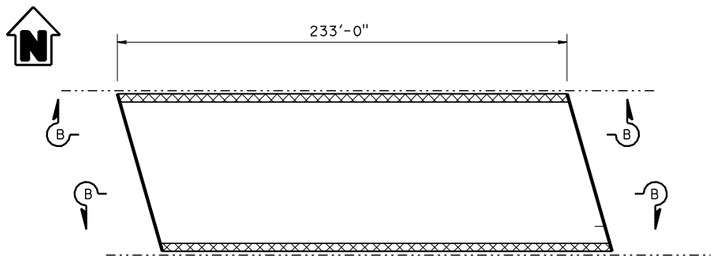
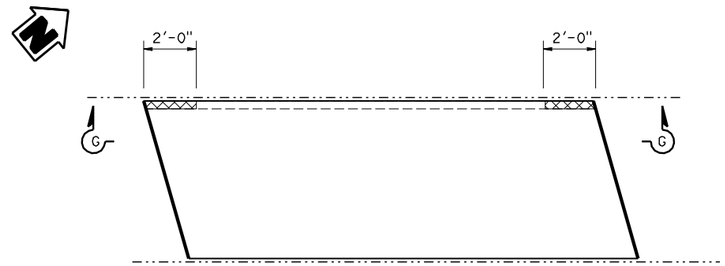
LEGEND:

Indicates limit of remove unsound concrete and place barrier concrete.



PLAN

Br. 50-0344L Rte 58 PM R99.26



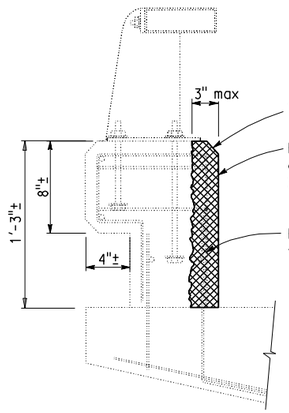
PLAN

Br. 50-0347 Rte 58 PM R101.56

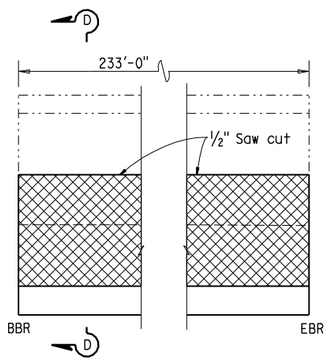
ELEVATION - LOOKING WEST

(B) REPAIR SPALL SURFACE AREA

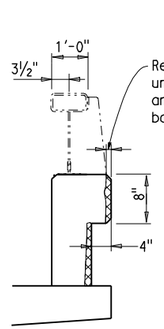
Br. 48-0046R Rte 395 PM R5.12
No scale



D-D



B-B



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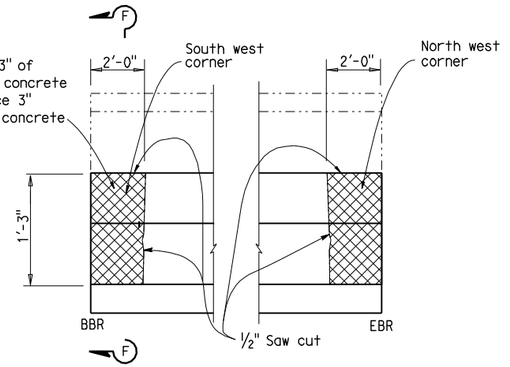

G-G
ELEVATION

(C) REPAIR CONCRETE BARRIER TYPE 9

Br. 50-0344L Rte 58 PM R99.26
No scale

(E) REPAIR CONCRETE BARRIER TYPE 9

Br. 50-0347 Rte 58 PM R101.56
No scale

NOTE:

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

	BY	CHECKED
DESIGN	A.Kushkaki	L. Ellis
DETAILS	M. Yu	A.Kushkaki
QUANTITIES	A.Kushkaki	L. Ellis

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

DIVISION OF MAINTENANCE
STRUCTURE MAINTENANCE AND INVESTIGATIONS

BRIDGE NO. Various
POST MILE Various

ROUTE 58,190,395 BRIDGES
RAILING REPAIR DETAILS

STRUCTURES DESIGN GENERAL PLAN SHEET (ENGLISH) (REV. 10/25/05)

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

CU 0974
PROJECT NUMBER & PHASE: 0912000004

CONTRACT NO.: 09-352901

DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES				SHEET	OF
11-15-12		10-25-12	11-13-12	3	4

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USERNAME => s130817 DATE PLOTTED => 13-FEB-2013 TIME PLOTTED => 14:55

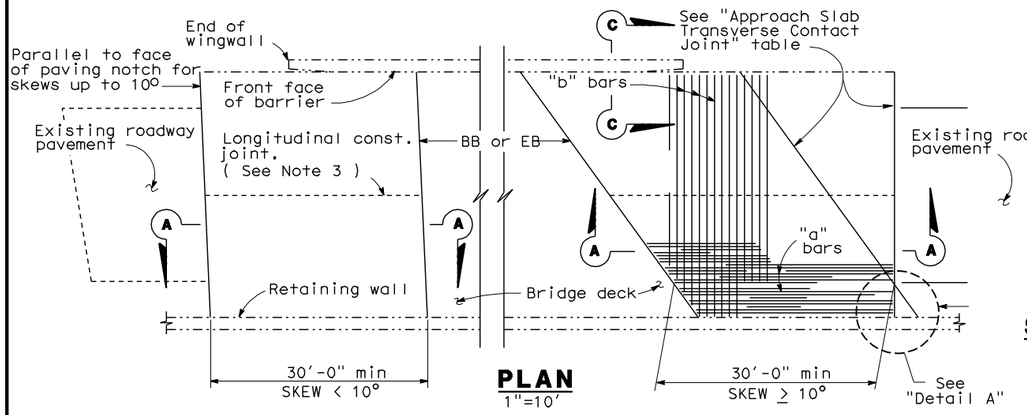
DIST.	COUNTY	ROUTE	MILE POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
09	Iny,Ker	58,190 395	Var	14	14

REGISTERED ENGINEER - CIVIL 11-16-12

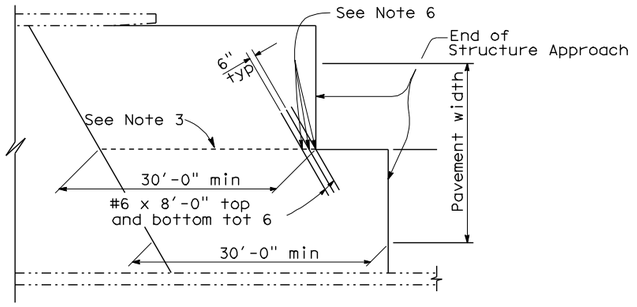
02-11-13
PLANS APPROVAL DATE

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.

REGISTERED PROFESSIONAL ENGINEER A. KUSHKAKI No. 59045 Exp.6-30-13 CIVIL STATE OF CALIFORNIA

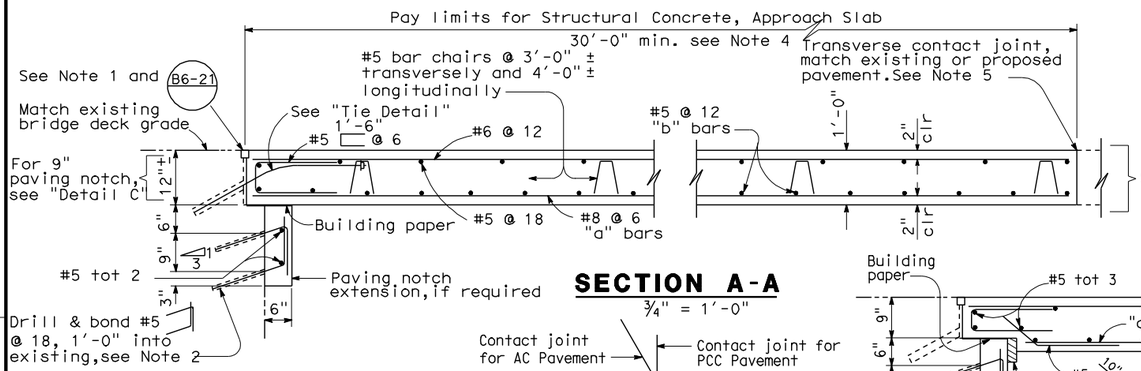


PLAN
1"=10'

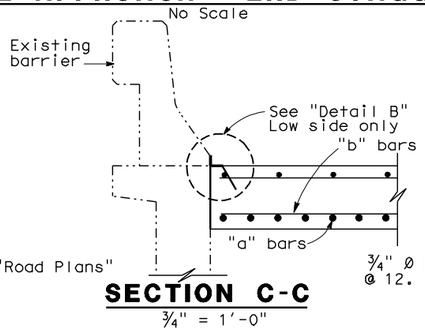


STRUCTURE APPROACH - END STAGGER DETAIL

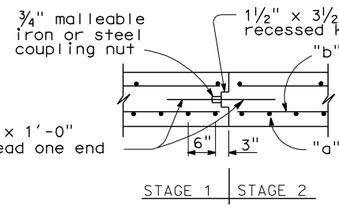
APPROACH SLAB TRANSVERSE CONTACT JOINT		
APPROACH SKEW	WITH AC ROADWAY PAVEMENT	WITH PCC ROADWAY PAVEMENT
< 10°	Parallel to face of paving notch	Parallel to face of paving notch
10° - 45°	Parallel to face of P N use (Detail A)	Stagger lines 24' to 36' apart
> 45°	Parallel to face of P N use (Detail A)	Stagger at each lane line

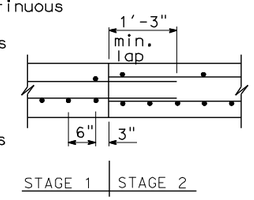


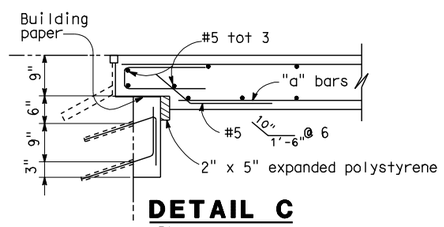
SECTION A-A
¾" = 1'-0"



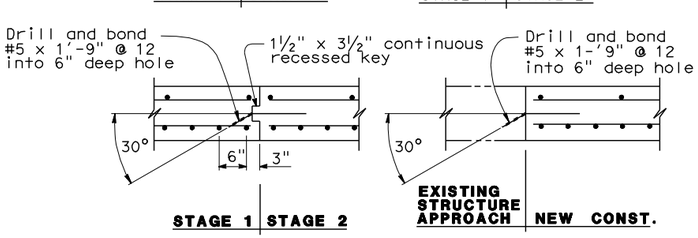
SECTION C-C
¾" = 1'-0"



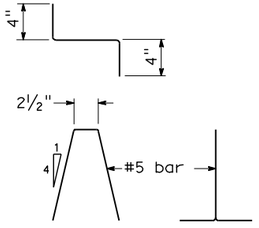




DETAIL C
¾" = 1'-0"

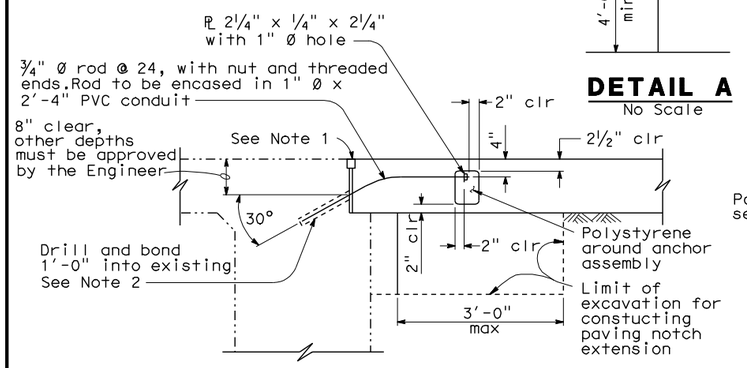


DETAIL A
No Scale

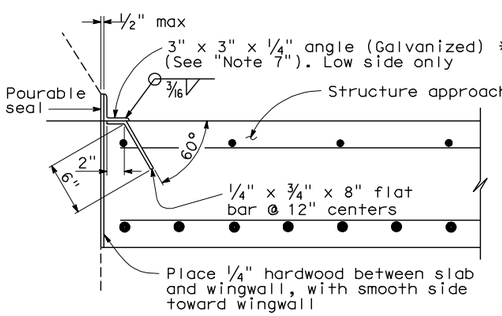


BAR CHAIR DETAIL
1½" = 1'-0"

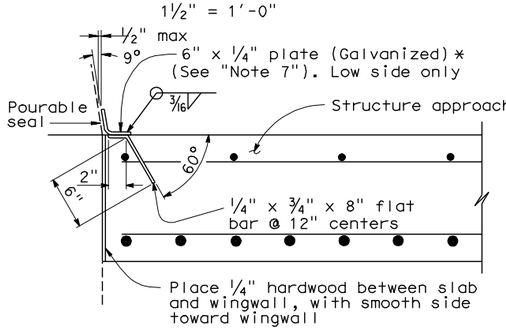
NOTE: For details not shown, see "Section A-A".



TIE DETAIL
¾" = 1'-0"



*(TO BE USED WITH TYPE 25 OR TYPE 27 CONCRETE BARRIER)



*(TO BE USED WITH TYPE 732 OR TYPE 736 CONCRETE BARRIER)

DETAIL B
1½" = 1'-0"

LONGITUDINAL CONSTRUCTION JOINT ALTERNATIVES
¾" = 1'-0"

NOTES:

1. For details not shown or noted, see Structure Plans. Adjust bar reinforcement to clear a sawcut for sealed joint, when required.
2. Space to avoid existing prestress anchorages and main reinforcement.
3. Longitudinal construction joints, when permitted by the Engineer, shall be located on lane lines.
4. Transverse contact joint shall be a minimum of 5'-0" from an existing or constructed weakened plane joint.
5. For transverse contact joint with new PCC paving, refer to Standard Plan P10.
6. Couplers are required for stage construction.
7. End angle or plate at beginning of barrier transition, end of wingwall or end of structure approach as applicable.

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

DATE PLOTTED => 13-FEB-2013 TIME PLOTTED => 14:57

STANDARD DRAWING

RELEASE DATE	3/14/05					RELEASED BY
FILE NO.	xs3-140e	DESIGN	BY M.TRAFFALIS	CHECKED E.THORKILDSEN		
		DETAILS	BY R.YEE	CHECKED E.THORKILDSEN		
		SUBMITTED	BY M.HA	DRAWING DATE 8/92		OFFICE CHIEF

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

BRIDGE NO.	HART FLAT UC
Various	
MILE POST	STRUCTURE APPROACH TYPE R(30D)
Various	

DS OSD 2147A (ENGLISH) (REV. X/XX/XX)

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

UNIT: 0974
PROJECT NUMBER & PHASE: 0912000004

CONTRACT NO.: 09-352901

DISREGARD PRINTS BEARING EARLIER REVISION DATES →

SHEET 4 OF 4

FILE => xs3-140e.dgn