Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Sha	Var	Var	36	74

William D Sutherland 02-26-13
REGISTERED CIVIL ENGINEER DATE

4-29-13
PLANS APPROVAL DATE

W. D. SUTHERLAND No. C61579 Exp. 6-30-15 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

NOTES:

1. PRE-NOTIFICATION PCMS: PLACE NEAR RAMP AND ACTIVATE APPROXIMATELY 12 HOURS PRIOR TO RAMP CLOSURE.

RAMP WILL BE CLOSED	TONIGHT (OR TODAY) 0PM - 0AM
FRAME 1	FRAME 2

2. RAMP CLOSED PCMS: MOVE PRE-NOTIFICATION PCMS APPROXIMATELY 1000 FEET BEFORE RAMP AND ACTIVATE DURING RAMP CLOSURE.

NB 151 RAMP CLOSED	FOLLOW DETOUR
FRAME 1	FRAME 2

3. PLACE 7 DAYS PRIOR TO RAMP CLOSURE.

4. CALIFORNIA SIGN CODES ARE DESIGNATED BY (CA), OTHERWISE, FEDERAL MUTCD SIGN CODES ARE SHOWN.

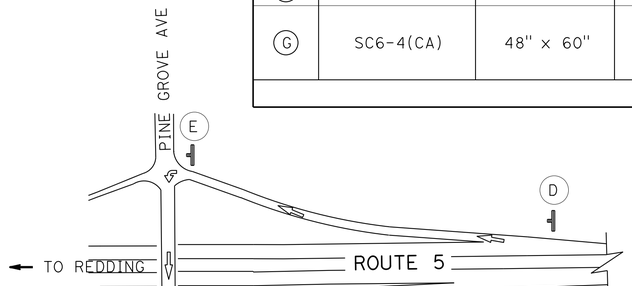
5. RAMP CLOSED PCMS: PLACE BEFORE OPEN ON-RAMP AND ACTIVATE DURING RAMP CLOSURE.

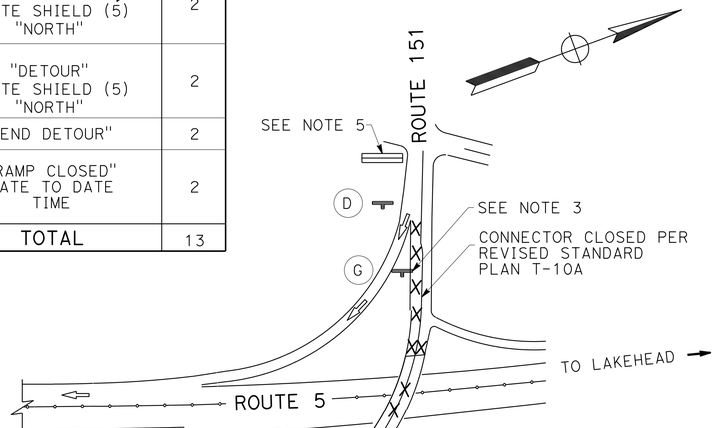
NB I-5 ON RAMP CLOSED	FOLLOW DETOUR
FRAME 1	FRAME 2

6. EXACT SIGN LOCATIONS TO BE DETERMINED BY THE ENGINEER.

CONSTRUCTION AREA SIGNS (PORTABLE)

SIGN No.	CODE	PANEL SIZE	REMARKS	No. (EA)
(A)	SC3(CA) G28-1(151)(CA) SP1(CA)	48" x 18" 24" x 18" 24" x 30"	⬆ "DETOUR" ROUTE SHIELD (151) "EXIT 685"	1
(B)	M4-10 R G28-1(151)(CA) SP1(CA)	48" x 18" 24" x 18" 24" x 30"	"DETOUR" ➡ ROUTE SHIELD (151) "EXIT 685"	2
(C)	M4-10 L G28-1(151)(CA) SP1(CA)	48" x 18" 24" x 18" 24" x 30"	⬅ "DETOUR" ROUTE SHIELD (151) "EXIT 685"	2
(D)	M4-10 R G27-1(5)(CA) M3-1	48" x 18" 21" x 18" 24" x 12"	"DETOUR" ➡ ROUTE SHIELD (5) "NORTH"	2
(E)	M4-10 L G27-1(5)(CA) M3-1	48" x 18" 21" x 18" 24" x 12"	⬅ "DETOUR" ROUTE SHIELD (5) "NORTH"	2
(F)	M4-8A	24" x 18"	"END DETOUR"	2
(G)	SC6-4(CA)	48" x 60"	"RAMP CLOSED" DATE TO DATE TIME	2
			TOTAL	13





DETOUR FOR CLOSURE OF ROUTE 151 NB CONNECTOR TO ROUTE 5

EXIT NUMBER SIGN SP1 (CA) DETAIL

DETOUR FOR CLOSURE OF ROUTE 5 NB CONNECTOR TO ROUTE 151

3 REVISED PER ADDENDUM No. 3 DATED AUGUST 30, 2013

APPROVED FOR DETOUR CONSTRUCTION WORK ONLY

LOCATION 11
DETOUR PLAN
NO SCALE

DE-4

LAST REVISION | DATE PLOTTED => 29-AUG-2013
08-23-13 | TIME PLOTTED => 12:52

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
DESIGN
Caltrans
BETH ELMORE
BILL SUTHERLAND
JOHN MARTIN
REVISED BY | DATE REVISED
CALCULATED-DESIGNED BY
CHECKED BY
FUNCTIONAL SUPERVISOR

P:\proj\02\4E530_plans\pse\resubmi+ 08-26-13\02000203181mg004.add

BORDER LAST REVISED 7/2/2010
USERNAME => s121614
DGN FILE => 02000203181mg004.add
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0315
PROJECT NUMBER & PHASE 02000203181

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Sha	Var	Var	68	74

REGISTERED CIVIL ENGINEER — 1-7-13 DATE

4-29-13
PLANS APPROVAL DATE

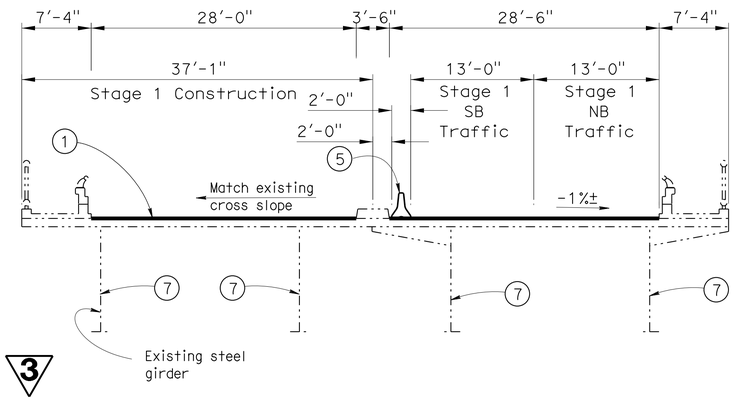
REGISTERED PROFESSIONAL ENGINEER — HOSSEIN MOAZAMI — No. C 60058 — Exp. 6-30-14 — CIVIL — STATE OF CALIFORNIA

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.

SACRAMENTO RIVER BRIDGE (BR. NO. 06-0014)

QUANTITIES

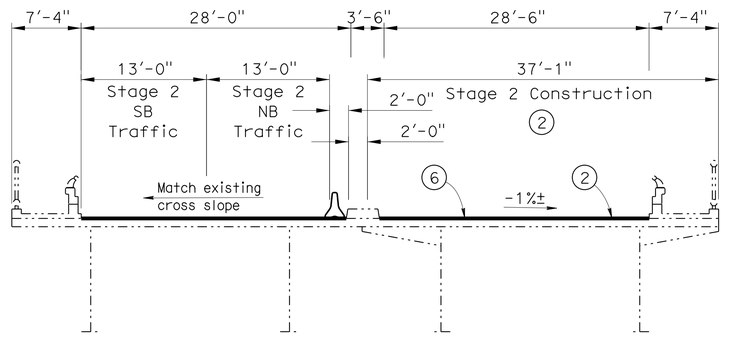
RAPID SETTING CONCRETE (PATCH)	227	CF
REMOVE ASPHALT CONCRETE SURFACING	45,340	SQFT
REMOVE UNSOUND CONCRETE	227	CF
PREPARE CONCRETE BRIDGE DECK SURFACE	45,340	SQFT
FURNISH POLYESTER CONCRETE OVERLAY	4,534	CF
PLACE POLYESTER CONCRETE OVERLAY	45,340	SQFT
BRIDGE REMOVAL (PORTION), LOCATION C	LUMP	SUM
MODIFY EXPANSION GRATE	LUMP	SUM
STRUCTURE EXCAVATION (BRIDGE)	16	CY
STRUCTURE BACKFILL (BRIDGE)	16	CY
STRUCTURAL CONCRETE, BRIDGE	11	CY
DRILL AND BOND DOWEL	11	LF
CLEAN EXPANSION JOINT	595	LF
JOINT SEAL (MR1½")	**595**	**LF**
JOINT SEAL (MR 1")	62	LF
BONDED JOINT SEAL (MR 3½")	62	LF
BAR REINFORCING STEEL (EPOXY COATED) (BRIDGE)	400	LB
GALVANIC ANODE	225	EA
~~DECK SEAL~~	~~45,945~~	~~SQFT~~
CLEAN STRUCTURAL STEEL (EXISTING BRIDGE)	LUMP	SUM
PAINT STRUCTURAL STEEL (EXISTING BRIDGE)	LUMP	SUM
SPOT BLAST CLEAN AND PAINT UNDERCOAT	10,525	SQFT
WORK AREA MONITORING	LUMP	SUM
MISCELLANEOUS METAL (BRIDGE)	260	LB



3

STAGED CONSTRUCTION TYPICAL SECTION

1/8" = 1'-0"



STAGED CONSTRUCTION TYPICAL SECTION

1/8" = 1'-0"

NOTES: (APPLY TO THIS SHEET ONLY)

(1) Remove 3½"± AC deck surfacing and bituthene membrane deck seal, remove unsound concrete, place galvanic anodes, place rapid setting concrete patch, prepare bridge deck and place min 1" Polyester Concrete deck overlay.

(2) Remove 3½"± AC deck surfacing and bituthene membrane deck seal, remove unsound concrete, place galvanic anodes, place rapid setting concrete, prepare bridge deck and place min 1"± Polyester Concrete deck overlay to achieve 1%± cross slope.

(3) For Expansion joint armor and dam removal, see "Miscellaneous Details" sheet

(4) Expansion grate joint & hinge modifications

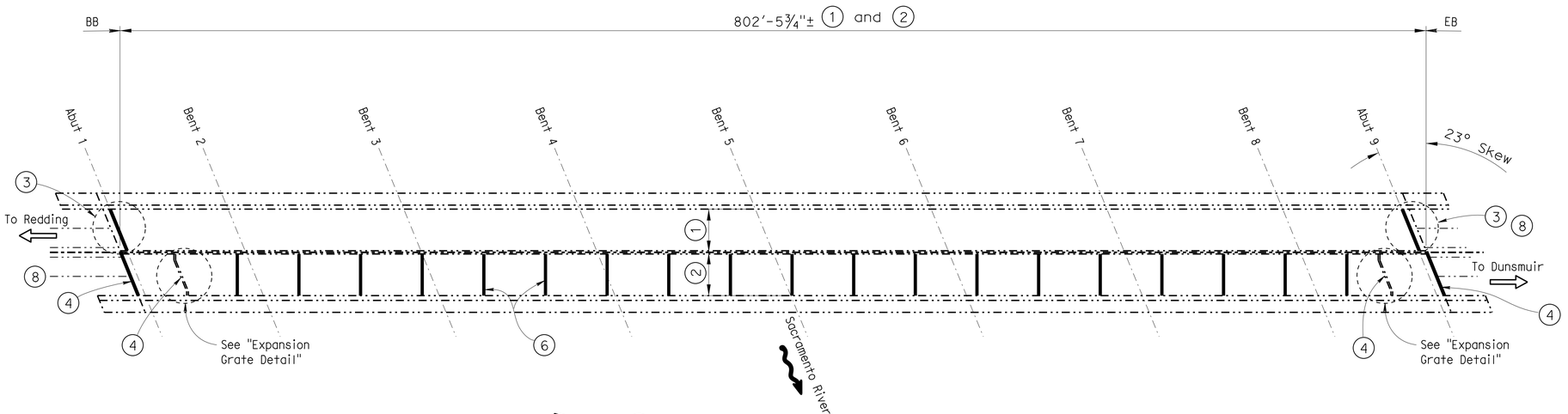
(5) Temporary Railing Type K, see "Road Plans"

(6) Existing Deck Joint Seals, total 19, to be replaced, see "Miscellanous Details" sheet.

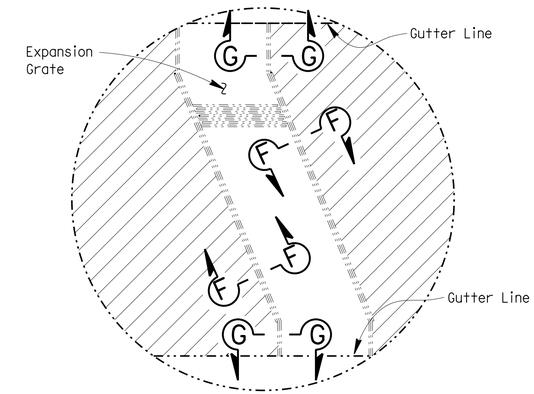
(7) Indicates location of spot blast portions of failed paint systems area = 10,525ft^2 and as directed by the engineer. Repaint the entire steel portion of the bridge, total area = 105,250ft^2. (For more details of stage construction, see Roadway Plans sheet SC-5).

(8) See Roadway Plans for approach work.

• For more details of stage construction and traffic handling, see Roadway Plans sheets SC 3, 4 and 5.



Note:
For 'Abutment Plan', see ABUTMENT DETAILS sheet.



Note: For "Section F-F" & "Section G-G" see "Miscellaneous Details" sheet

EXPANSION GRATE DETAIL

NO SCALE

(17) SACRAMENTO RIVER BRIDGE

BR NO. 06-0014, SHA, ROUTE 273, PM 17.08
1" = 40'

3 REVISED PER ADDENDUM No. 3 DATED AUGUST 30, 2013

1-7-13 Michael J. Lee
DESIGN ENGINEER

DESIGN	BY H. Moazami	CHECKED C. Hutchinson	LOAD FACTOR DESIGN	LIVE LOADING: HS20-44 AND ALTERNATIVE AND PERMIT DESIGN LOAD			
DETAILS	BY M. Hallstrom	CHECKED C. Hutchinson	LAYOUT	BY M. Hallstrom	CHECKED X		
QUANTITIES	BY H. Moazami	CHECKED C. Hutchinson	SPECIFICATIONS	BY X	PLANS AND SPECS COMPARED X		

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

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

DIVISION OF MAINTENANCE
STRUCTURE MAINTENANCE DESIGN

UNIT: 3488
PROJECT NUMBER & PHASE: 0200020318 1
CONTRACT NO.: 02-4E5301

BRIDGE NO. VARIOUS
POST MILE VARIES

ROUTE 5, 44, 151, 273, 299 BRIDGES
GENERAL PLAN NO. 10

DISREGARD PRINTS BEARING EARLIER REVISION DATES →

REVISION DATES				SHEET	OF
5-30-12	12-12-12			10	16

FILE => 02-4e5301_10_gp10.add

USERNAME => s12161.4 DATE PLOTTED => 29-AUG-2013 TIME PLOTTED => 12:51