

NOTES: (APPLY TO THIS SHEET ONLY)

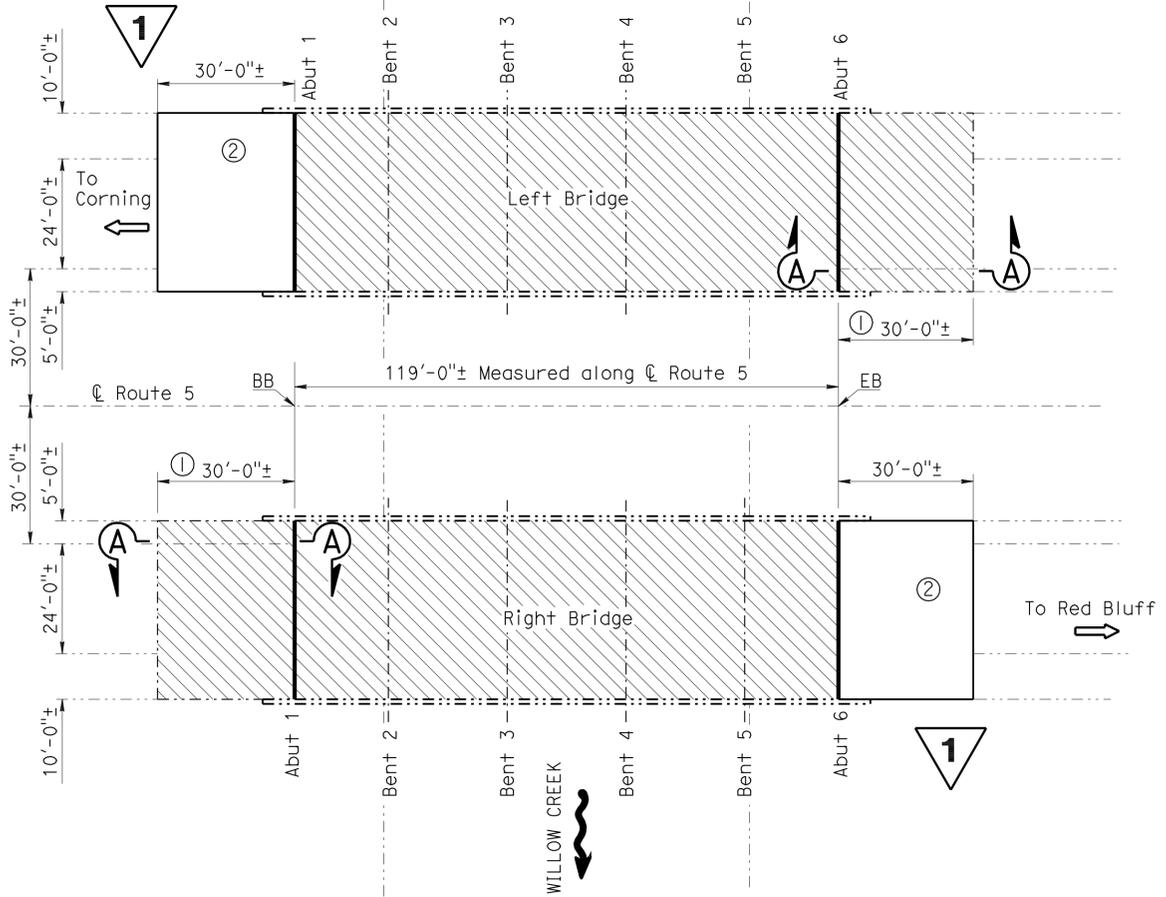
 Indicates limits of prepare concrete bridge deck and approach slab surface, furnish and place new 3/4" minimum depth polyester concrete overlay. Prior to placing new polyester concrete overlay, remove unsound concrete and patch with rapid setting concrete as shown on the "Deck Repair Detail - Overlay" on "JOINT SEAL DETAILS" sheet.

 Indicates location of existing joint seal removal and placement of new joint seal.

① Limits of grind existing concrete approach to conform to existing AC pavement. For details, see "Section A-A" on "JOINT SEAL DETAILS" sheet.

② Indicates Structure Approach Type R(30D).

Br. No. 08-0110 L/R Roadway Structural Section	
Thickness (in)	Material
1	OGAC
5	AC
8	PCC
4	CTB

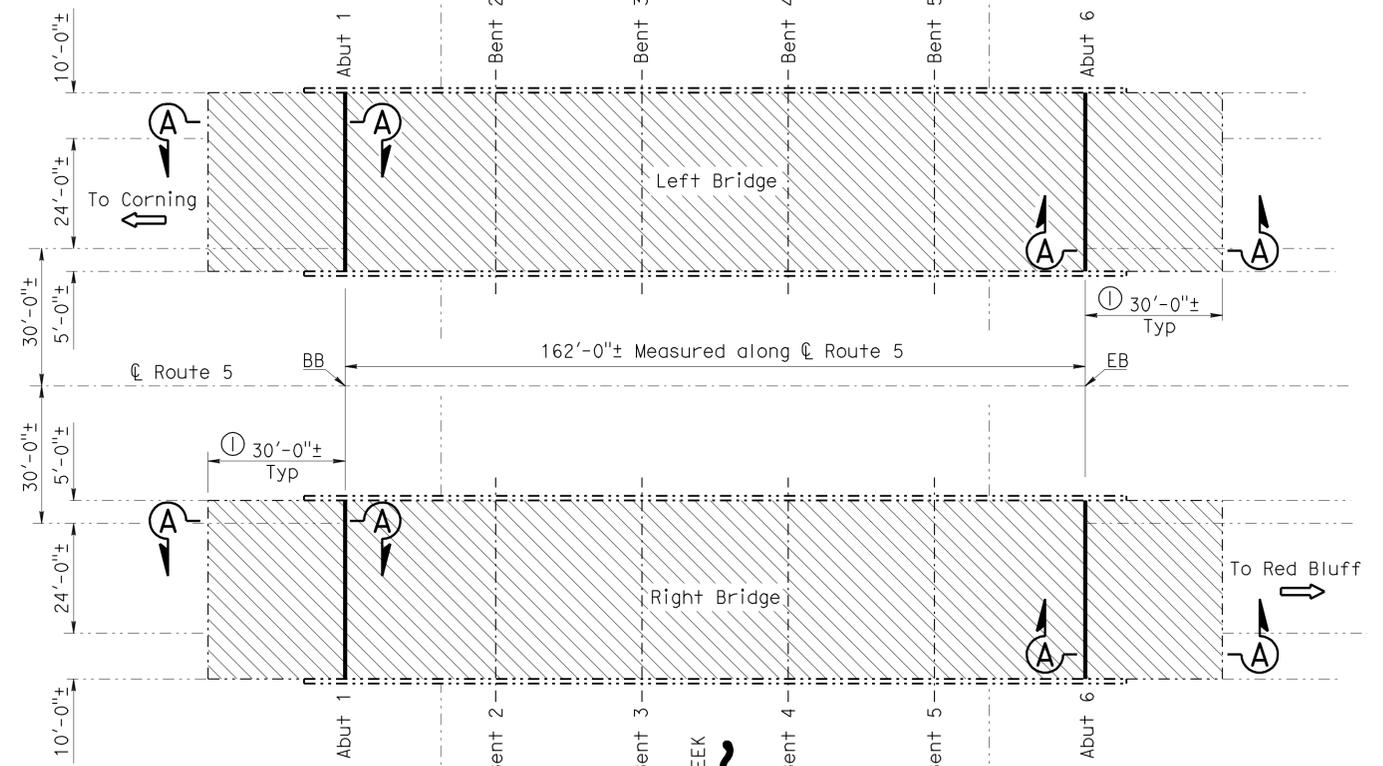


WILLOW CREEK
 Br. No. 08-0110L/R, ROUTE 5, Teh, PM R19.28
 1"=20'

1 WILLOW CREEK BRIDGE #08-0110L/R

QUANTITIES

REMOVE UNSOUND CONCRETE	30	CF
PREPARE CONCRETE BRIDGE DECK SURFACE	12,380	SQFT
PREPARE CONCRETE BRIDGE DECK SURFACE	11,620	SQFT
GRIND CONCRETE APPROACH SURFACE	3,095	SQFT
GRIND CONCRETE APPROACH SURFACE	2,340	SQFT
CLEAN EXPANSION JOINT	128	LF
CLEAN EXPANSION JOINT	80	LF
RAPID SETTING CONCRETE (PATCH)	30	CF
FURNISH POLYESTER CONCRETE OVERLAY	930	CF
FURNISH POLYESTER CONCRETE OVERLAY	870	CF
PLACE POLYESTER CONCRETE OVERLAY	12,380	SQFT
PLACE POLYESTER CONCRETE OVERLAY	11,620	SQFT
JOINT SEAL (MR 1/2")	158	LF
STRUCTURE CONCRETE, APPROACH SLAB (TYPE R)	85	CY
PAVING NOTCH EXTENSION	60	CF
AGGREGATE BASE, APPROACH SLAB	45	CY



OAT CREEK
 Br. No. 08-0117L/R, ROUTE 5, Teh, PM R19.67
 1"=20'

OAT CREEK BR #08-0117L/R

QUANTITIES

REMOVE UNSOUND CONCRETE	45	CF
PREPARE CONCRETE BRIDGE DECK SURFACE	17,300	SQFT
GRIND CONCRETE APPROACH SURFACE	4,680	SQFT
CLEAN EXPANSION JOINT	160	LF
RAPID SETTING CONCRETE (PATCH)	45	CF
FURNISH POLYESTER CONCRETE OVERLAY	1,300	CF
PLACE POLYESTER CONCRETE OVERLAY	17,300	SQFT
JOINT SEAL (MR 1/2")	160	LF

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

1 REVISED PER ADDENDUM NO. 1 DATED FEBRUARY 28, 2012

Matthew Lee 9-27-11
 DESIGN ENGINEER

DESIGN	BY P. Kang	CHECKED M. Hashimoto
DETAILS	BY Dale Kubochi	CHECKED M. Hashimoto
QUANTITIES	BY P. Kang	CHECKED M. Hashimoto

LOAD FACTOR DESIGN	LIVE LOADING: HS20-44 AND ALTERNATIVE AND PERMIT DESIGN LOAD
LAYOUT	BY Dale Kubochi
SPECIFICATIONS	BY Karla Meier

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION

DIVISION OF MAINTENANCE
 STRUCTURE MAINTENANCE DESIGN

BRIDGE NO.	VARIOUS
POST MILE	VARIES

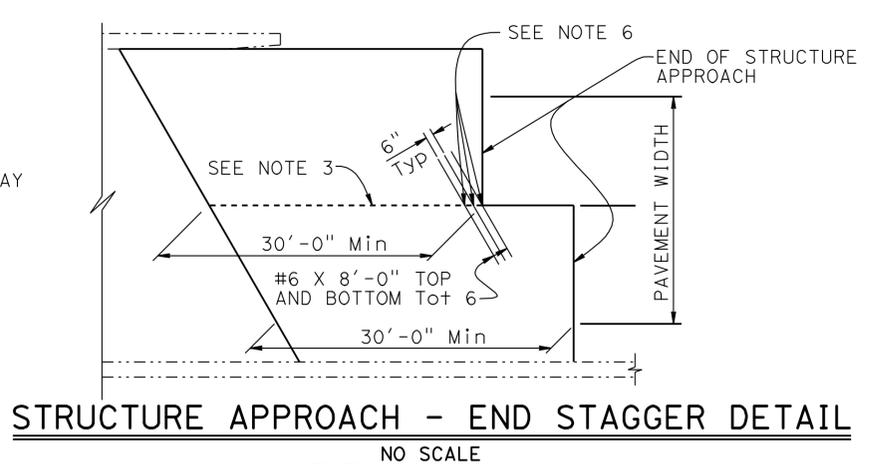
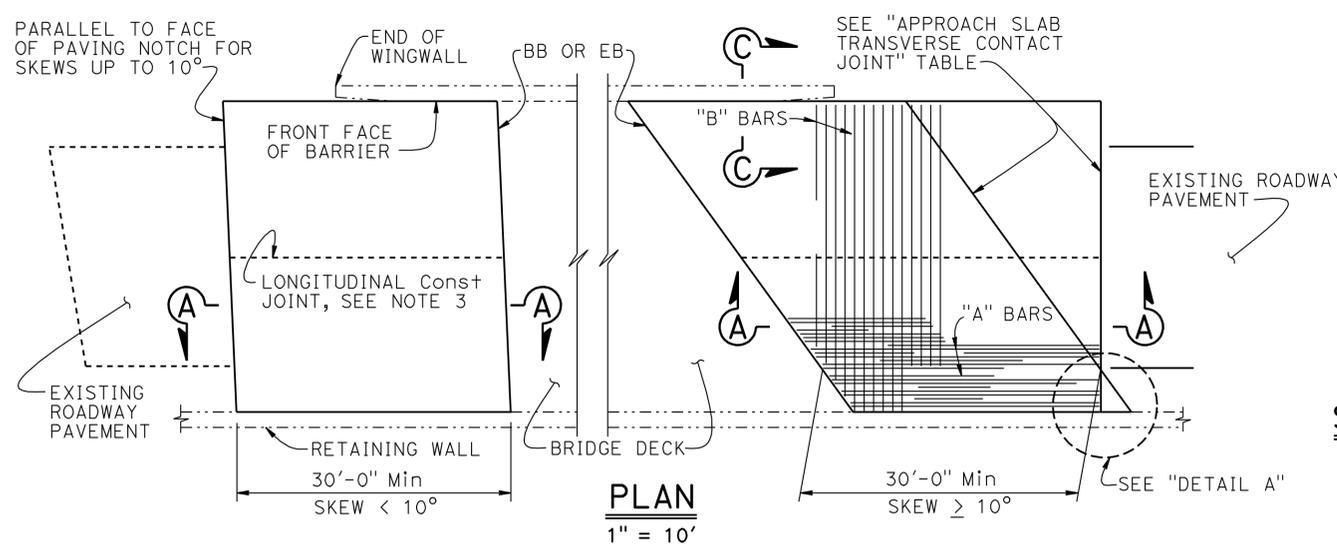
ROUTE 5 BRIDGES
 GENERAL PLAN NO. 2

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Sha, Teh	5	Var	17A	17

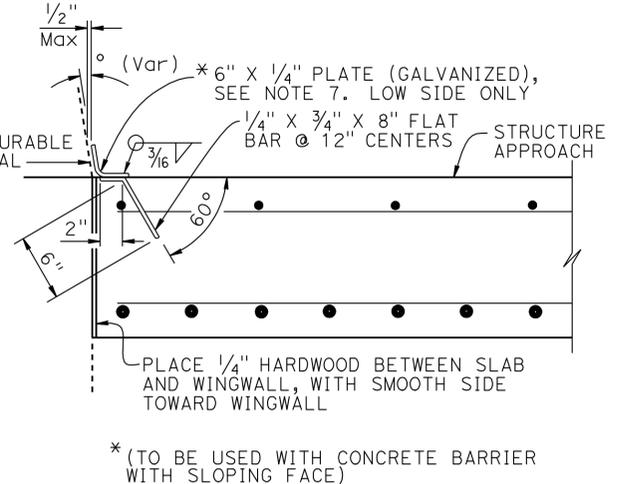
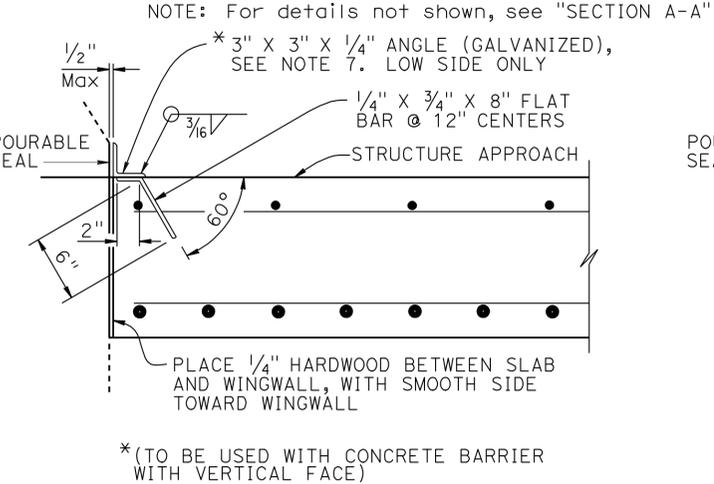
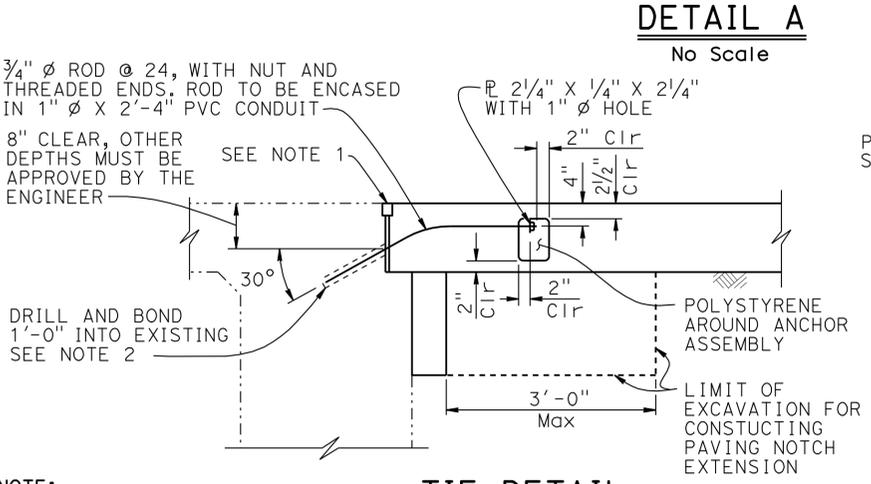
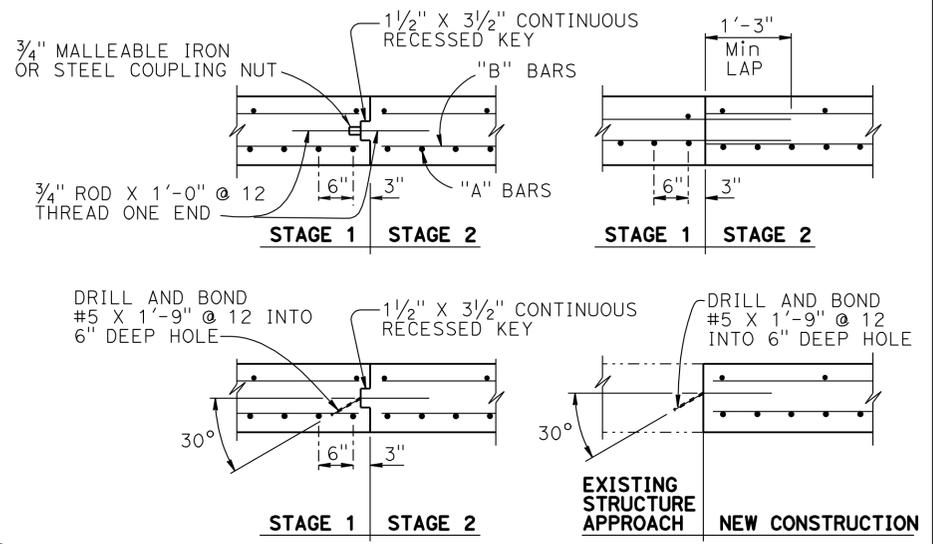
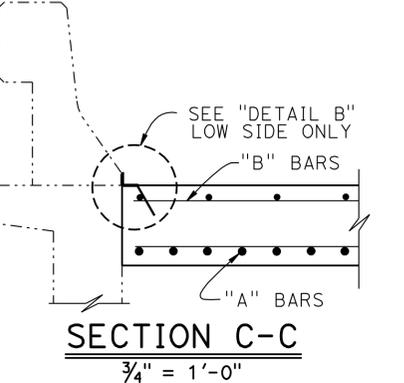
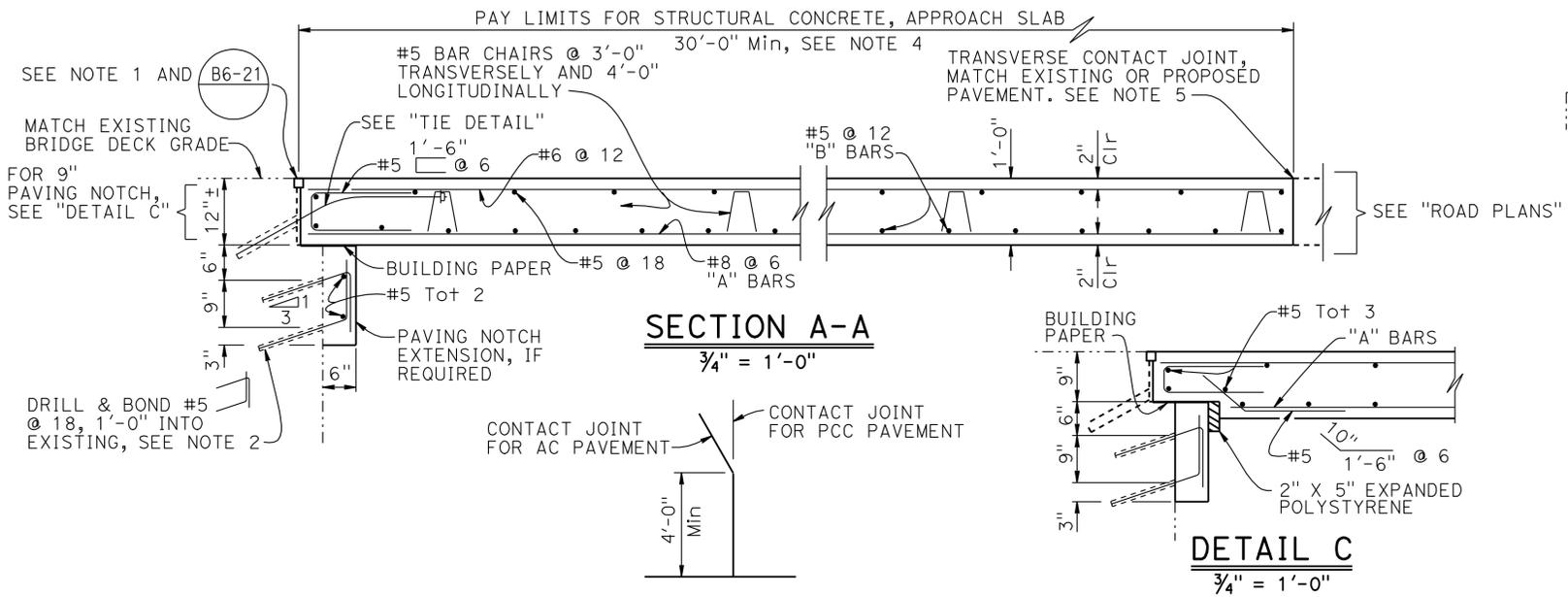
REGISTERED CIVIL ENGINEER
 PETER B. KANG
 No. C 70336
 Exp. 9-30-12
 CIVIL
 STATE OF CALIFORNIA

9-27-11
 DATE
 1-6-12
 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.



APPROACH SLAB TRANSVERSE CONTACT JOINT		
APPROACH SKEW	WITH AC ROADWAY PAVEMENT	WITH PCC ROADWAY PAVEMENT
< 10°	PARALLEL TO FACE OF PN	PARALLEL TO FACE OF PAVING NOTCH
10° - 45°	PARALLEL TO FACE OF PN USE "DETAIL A"	STAGGER LINES 24' TO 36' APART
> 45°	PARALLEL TO FACE OF PN USE "DETAIL A"	STAGGER AT EACH LANE LINE



- 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

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1 ADDED PER ADDENDUM NO. 1 DATED FEBRUARY 28, 2012

STANDARD DRAWING	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES	BRIDGE NO. VARIOUS	ROUTE 5 BRIDGES
FILE NO. xs3-150	APPROVAL DATE July 2011	CONTRACT NO. 02-3E6401	POST MILE VARIES	STRUCTURE APPROACH TYPE R(30D)
DS OSD 2147A (ENGLISH STANDARD DRAWING "XS" BORDER REV. (02-02-11))	ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	UNIT: 3488 PROJECT NUMBER & PHASE: 0200020069	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES SHEET OF