


DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET TOTAL SHEETS

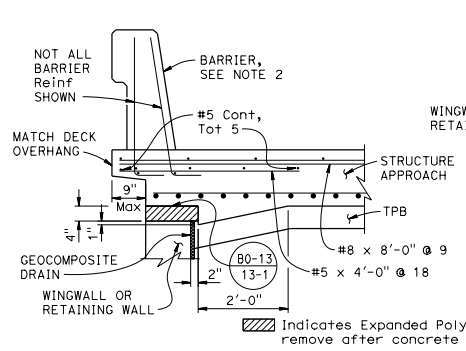


 July 21, 2017
 PLANS APPROVAL DATE
 REGISTERED CIVIL ENGINEER
 THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

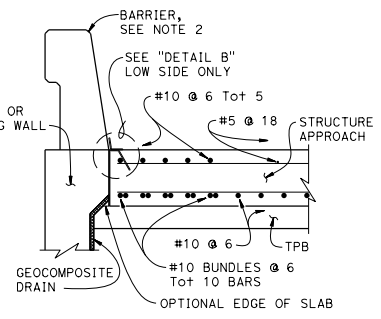
TO ACCOMPANY PLANS DATED _____

DESIGN NOTES

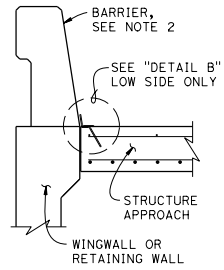
DESIGN: AASHTO LRFD Bridge Design Specifications, 2012 Edition with Caltrans Amendments, preface dated January 2014.
LIMIT STATES: Service I, Strength I & II, Extreme II and Fatigue I ($\gamma_{fat} = 1.0$)
DEAD LOAD: Includes 35 psf for future wearing surface
LIVE LOAD: HL93 and permit design load
 Equivalent strip width method: $W_s = 12$ ft
 Slab span: $L_1 = 24.5$ ft (30 ft Approach Slab)
 Slab span: $L_2 = 7.83$ ft (10 ft Approach Slab)
REINFORCED CONCRETE:
 $f_y = 60$ ksi
 $f'_c = 3.6$ ksi
 $n = 8$



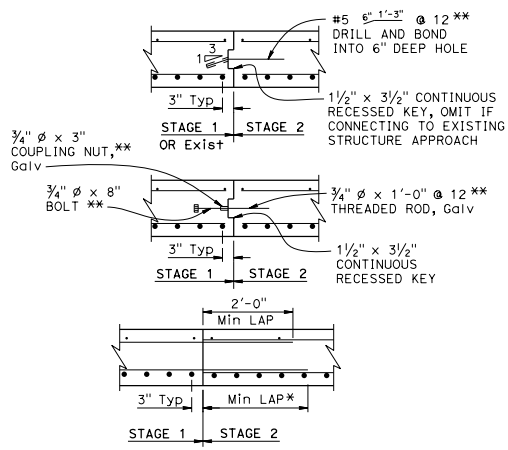
DETAIL X-1
TYPE E-1



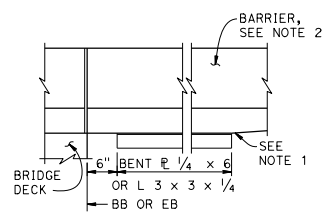
DETAIL X-2
TYPE E-2



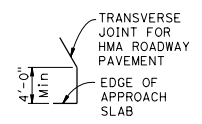
DETAIL X-2
TYPE R (10) & EQ



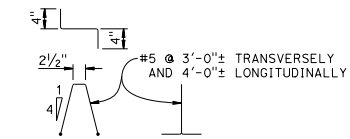
DETAIL X-3
LONGITUDINAL CONSTRUCTION JOINT ALTERNATIVES



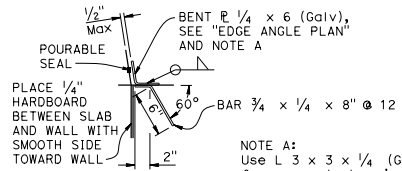
EDGE ANGLE PLAN



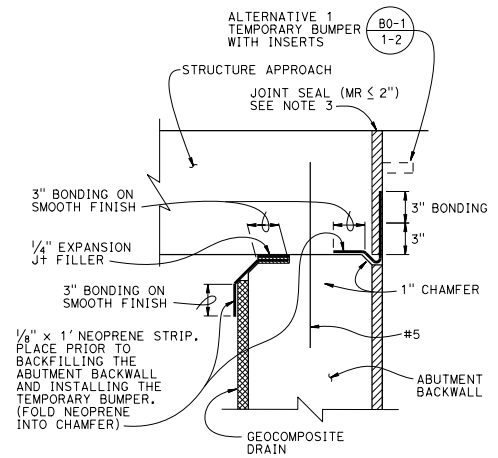
DETAIL A



DETAIL X-4
BAR CHAIR DETAIL



DETAIL B



DETAIL C

LEGEND:

- * Min lap splice for bottom Reinf in Freeze-Thaw Area shall be 3'-6".
- ** Threaded Rods and Dowels in Freeze-Thaw Area shall be stainless steel.

NOTES:

- End the plate or edge angle at beginning of barrier transition, end of wingwall or end of structure approach as applicable.
- Solid concrete barrier shown, details similar for all concrete and standard post-beam barriers.
- Joint protection details shown for MR ≤ 2". Details similar when joint seal assembly is required.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
**STRUCTURE APPROACH
SLAB DETAILS**

NO SCALE

RSP B9-5 DATED JULY 21, 2017 SUPPLEMENTS THE STANDARD PLANS BOOK DATED 2015.

REVISED STANDARD PLAN RSP B9-5

2015 REVISED STANDARD PLAN RSP B9-5