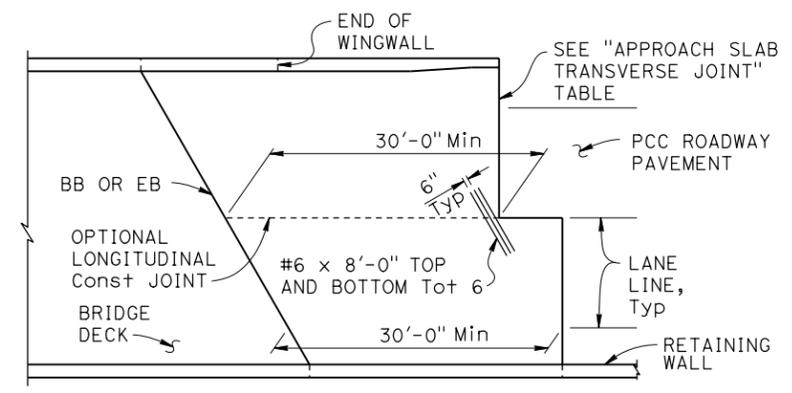
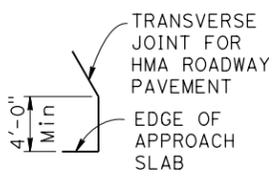


**PLAN**  
1" = 10'

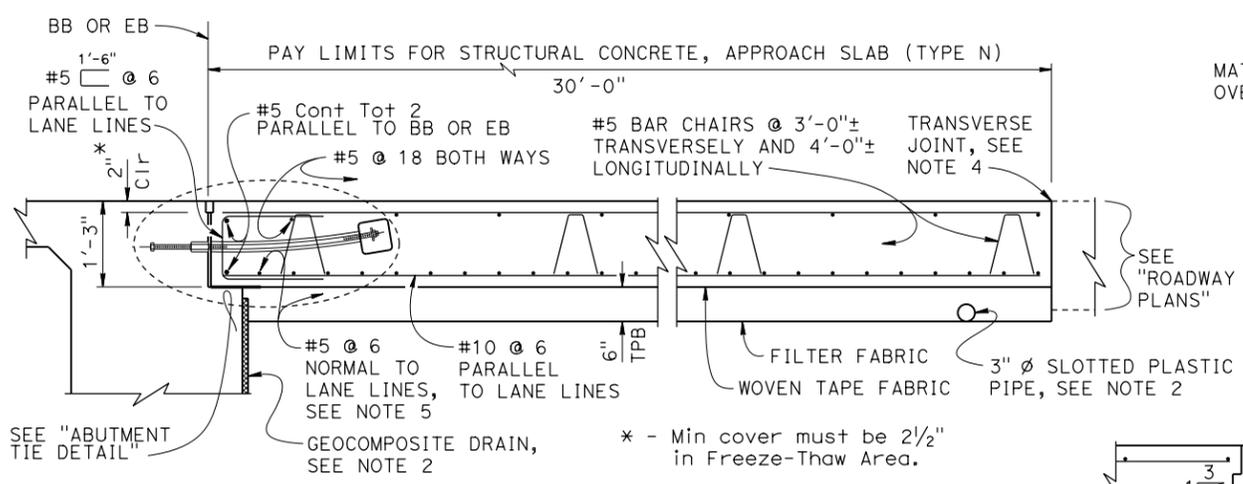
NOTE A:  
Type E-1 Approach Slab shown, see "SECTION B-B" for Type E-2 details.

**DETAIL A**  
No Scale



**END STAGGER DETAIL**  
1" = 10'

APPROACH SLAB TRANSVERSE JOINT		
APPROACH SKEW	WITH HMA ROADWAY PAVEMENT	WITH PCC ROADWAY PAVEMENT
< 20°	PARALLEL TO BB OR EB	PARALLEL TO BB OR EB
20° - 45°	PARALLEL TO BB OR EB USE "DETAIL A"	STAGGER AT LANE LINES 24' TO 36' APART, SEE "END STAGGER DETAIL"
> 45°	PARALLEL TO BB OR EB USE "DETAIL A"	STAGGER AT EACH LANE LINE, SEE "END STAGGER DETAIL"



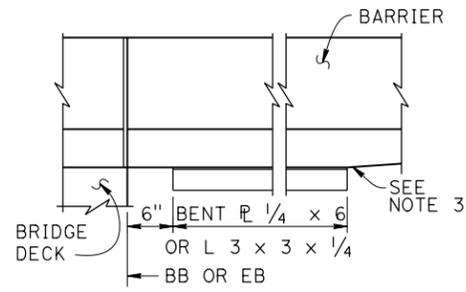
**SECTION A-A**  
3/4" = 1'-0"

**TYPE E-1**

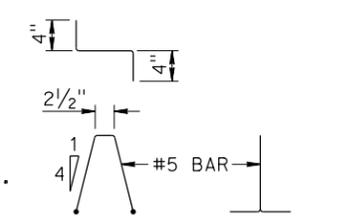
**TYPE E-2**

**DETAIL B**  
1/2" = 1'-0"

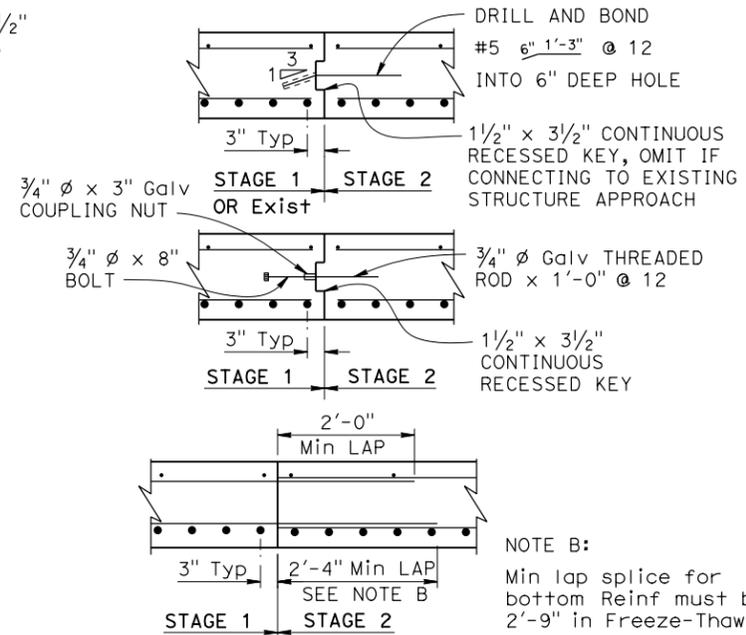
**SECTION B-B**  
3/4" = 1'-0"



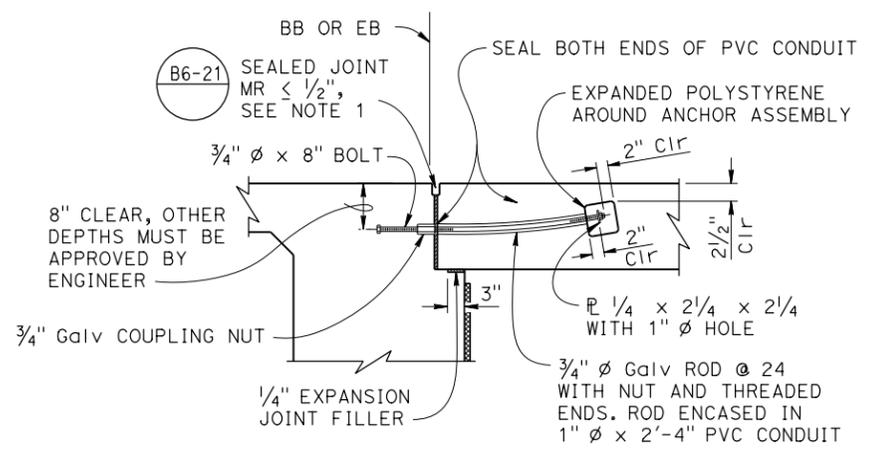
**EDGE ANGLE PLAN**  
1" = 1'-0"



**BAR CHAIR DETAIL**  
1" = 1'-0"



**LONGITUDINAL CONSTRUCTION JOINT ALTERNATIVES**  
3/4" = 1'-0"



**ABUTMENT TIE DETAILS**  
3/4" = 1'-0"

**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 (γ<sub>FAT</sub> = 1.0)
- DEAD LOAD: Includes 35 psf for future wearing surface
- LIVE LOAD: HL93 and permit design load  
Equivalent strip width method: W<sub>1</sub> = 12 ft  
Slab span: L<sub>1</sub> = 24.5 ft
- REINFORCED CONCRETE:  
f<sub>y</sub> = 60 ksi  
f'c = 3.6 ksi  
n = 8

- NOTES:
- For details not shown, see other plan sheets. Adjust reinforcement to clear sawcut for sealed joint.
  - For drainage details, see "STRUCTURE APPROACH DRAINAGE DETAILS" sheet.
  - End the plate or edge angle at beginning of barrier transition, end of wingwall, or end of structure approach as applicable.
  - Transverse Joint must be a minimum of 5'-0" from an existing or constructed weakened plane joint in approach PCC roadway pavement. Refer to Standard Plans P10 and P14.
  - At the Contractor's option, approach slab transverse reinforcement may be placed parallel to BB or EB. Spacing of transverse reinforcement is measured along & roadway.