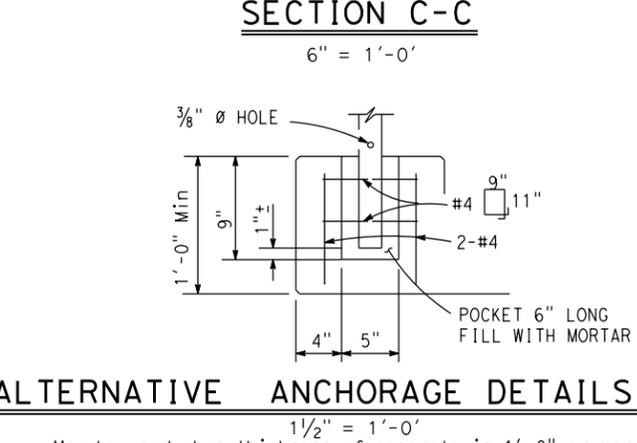
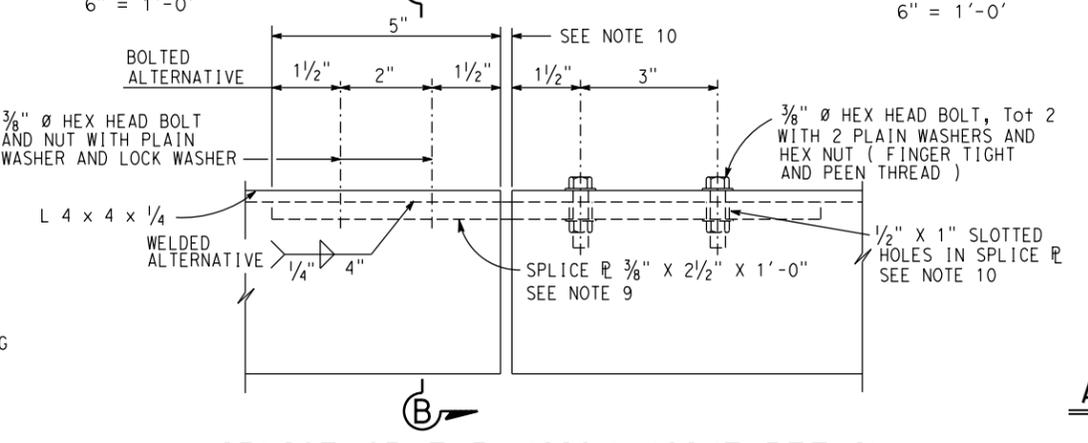
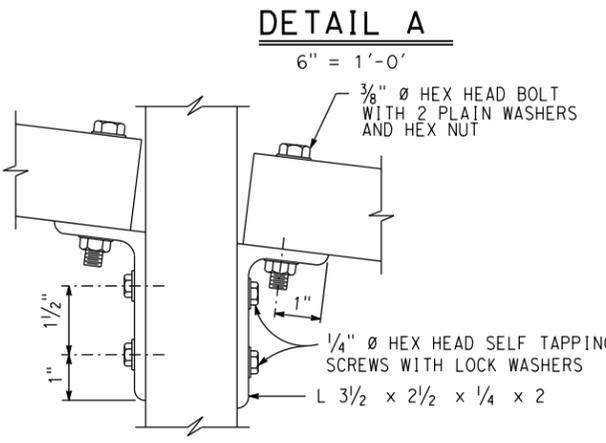
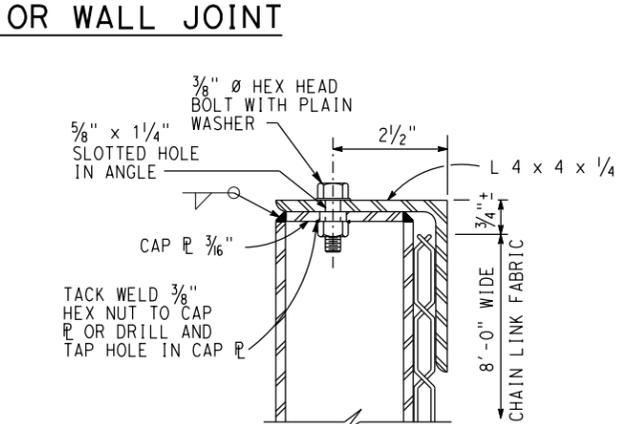
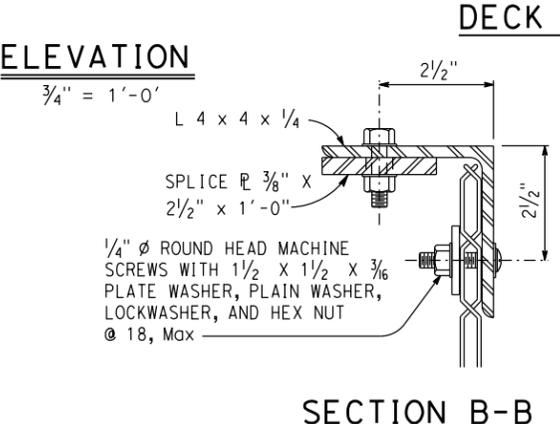
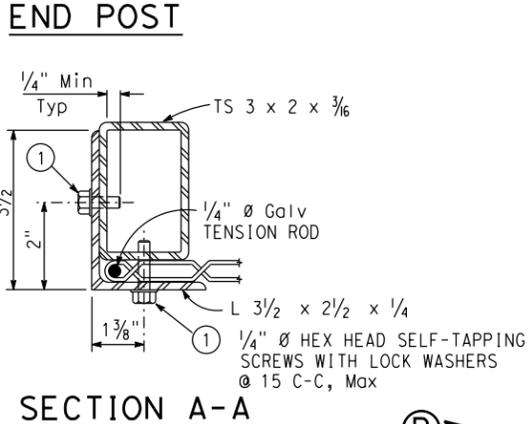
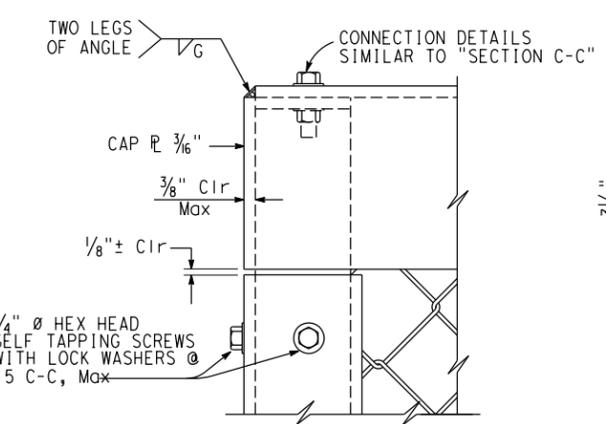
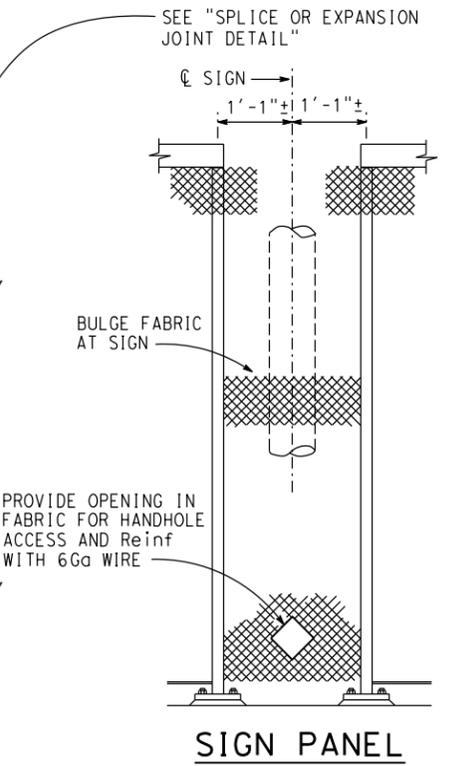
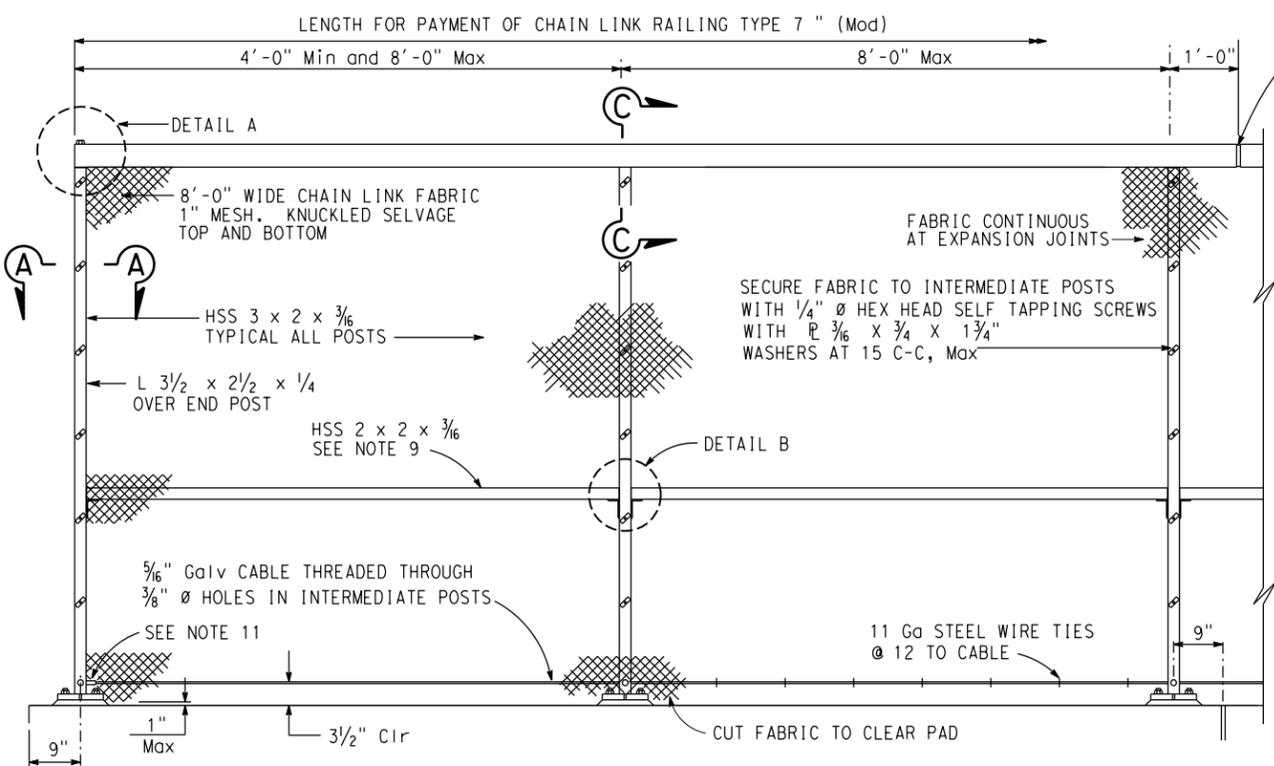
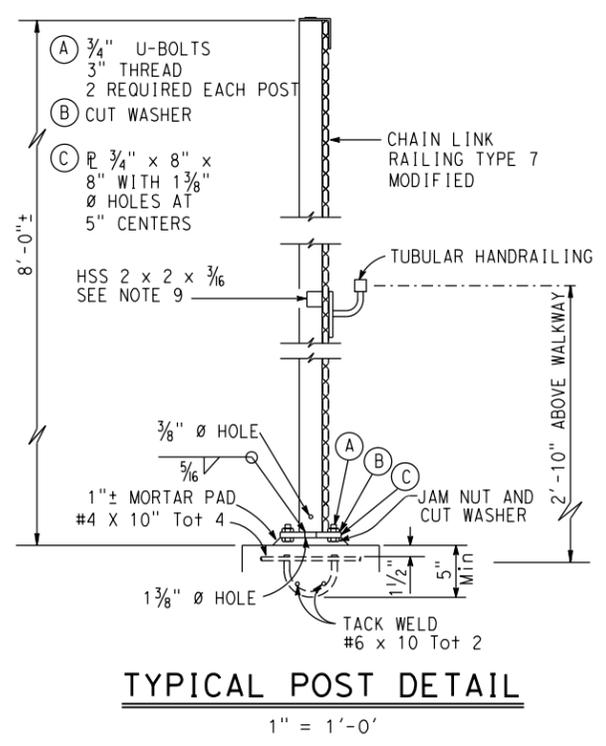


DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
X	X	X	X	X	X

REGISTERED CIVIL ENGINEER	X	DATE
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.



- NOTES:
- Railing assembly except chain link fabric to be galvanized after fabrication
 - Railing must conform to horizontal and vertical alignment. Post must be vertical. Horizontal angle must be bent to conform to horizontal alignment if radius is 150'-0" or less.
 - Horizontal angle shall be continuous over not less than two intermediate posts, except that a shorter length is permitted at expansion joints and other rail discontinuities.
 - When railing is placed on curved horizontal alignment with radius of 150'-0" or less, drill 1/2" ϕ x 3" deep hole in slab and set in epoxy adhesives 3/8" ϕ welded eyebolt for 5/16" cable to limit the mid-ordinate distance between the 5/16" cable and curve to be 1" Max.
 - Place fabric parallel to slope.
 - Alternative details may be submitted by the Contractor for Engineer's approval.
 - Provide thimbles at all cable loops.
 - Peen all exposed bolts.
 - HSS 2 x 2 x 3/16 required for curves with radius of 150'-0" or less. Bend to conform to curve.
 - Expansion joint same dimension as expansion joint in deck or wall. Increase slotted hole length and splice ℓ length correspondingly.
 - Anchor 5/16" galvanized cable at end post and end posts adjacent to electroliner openings or deck or wall joints with 1/2" ϕ stud socket assembly or 1/2" ϕ welded eyebolt and crimped sleeve clamp. Provide 1 1/2" minimum take-up at each anchorage.

STANDARD DRAWING
FILE NO. **xs16-220-1**
APPROVAL DATE October 2014

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING SERVICES

BRIDGE NO. X
POST MILE X
CHAIN LINK RAILING TYPE 7 (MOD) DETAILS No. 1