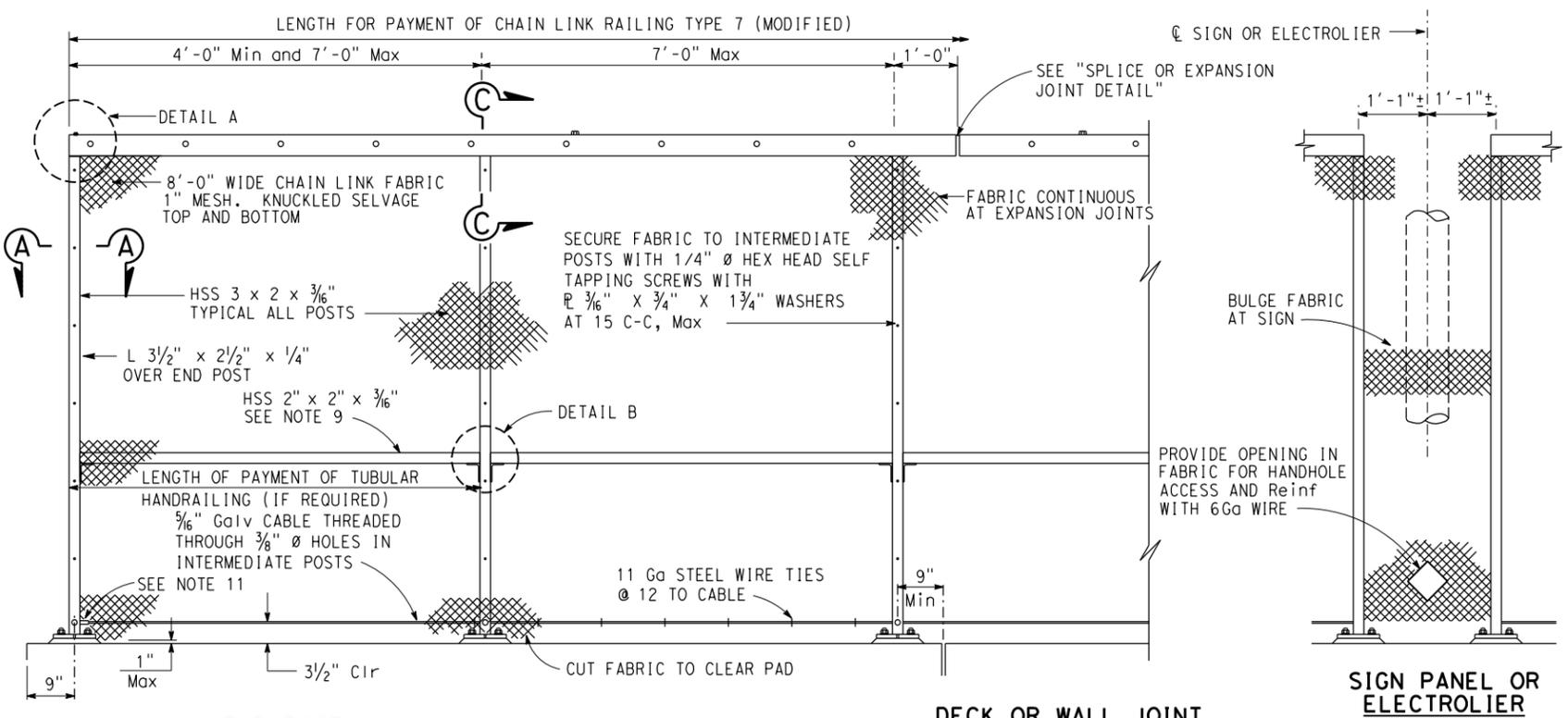
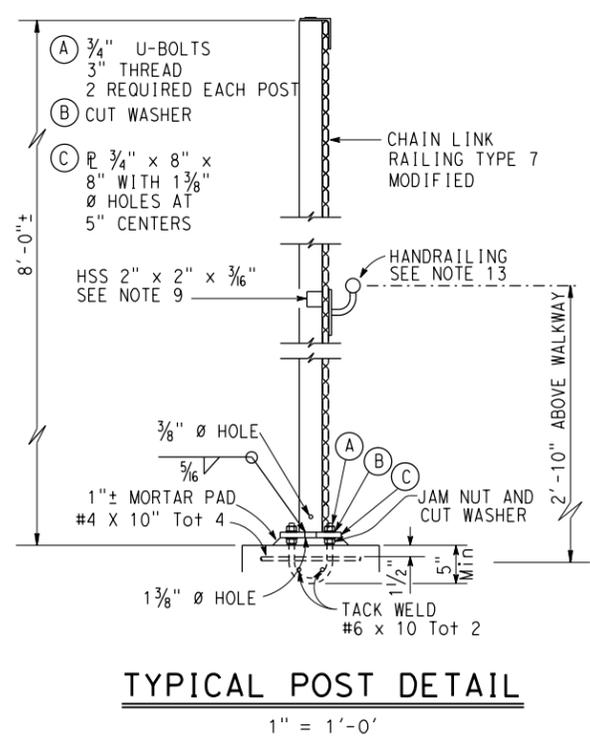
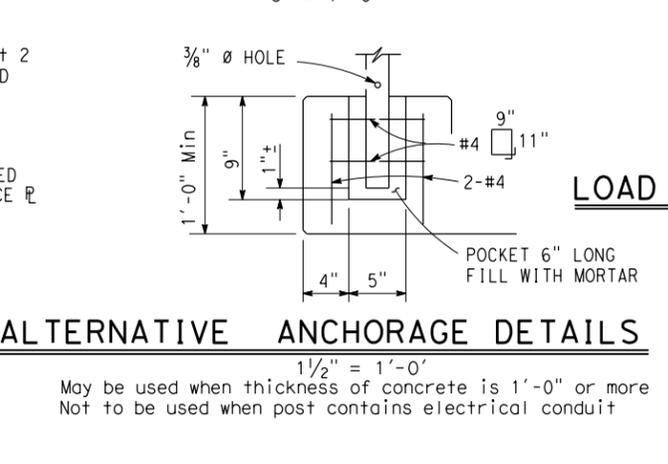
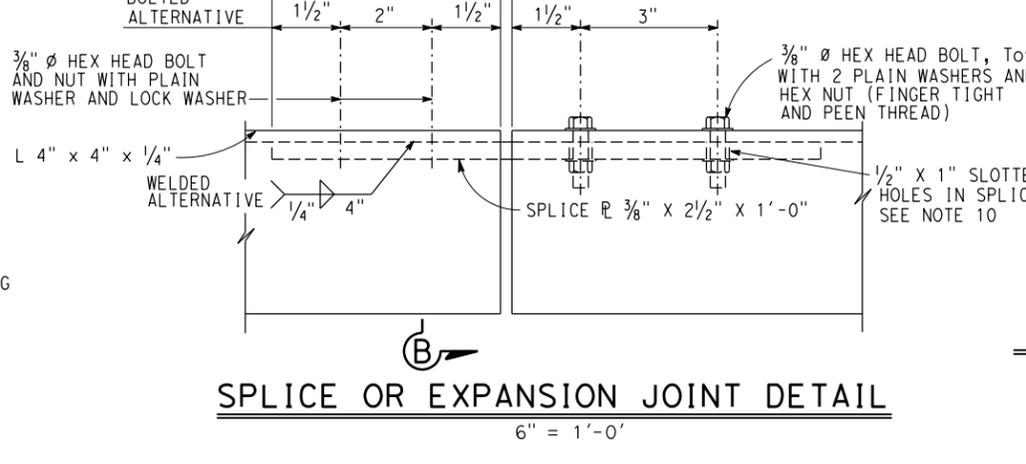
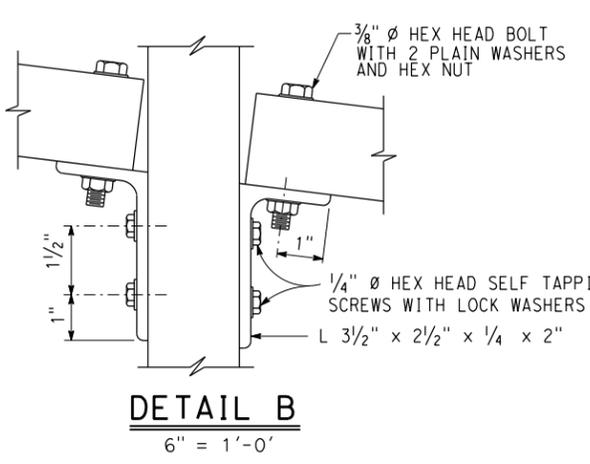
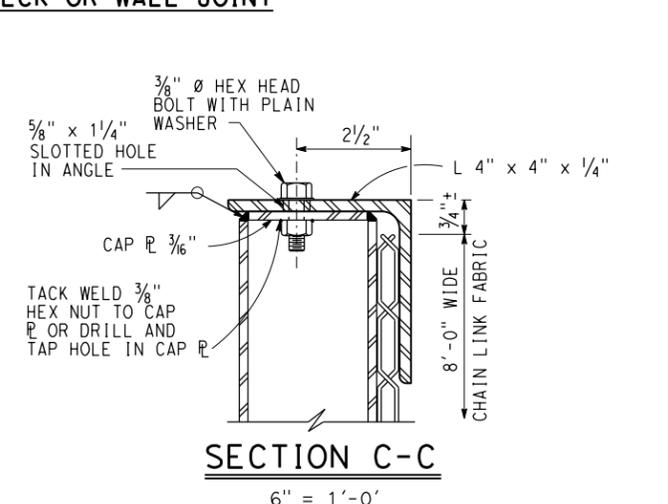
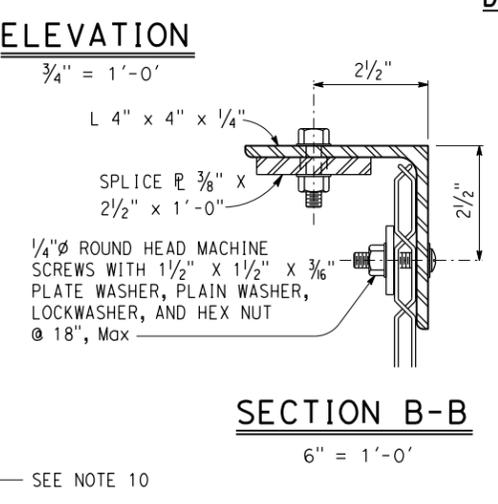
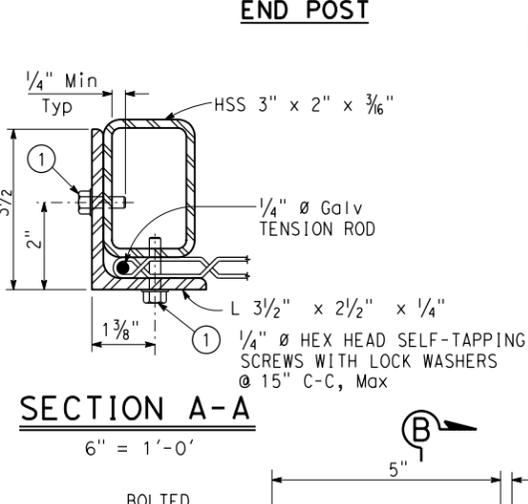
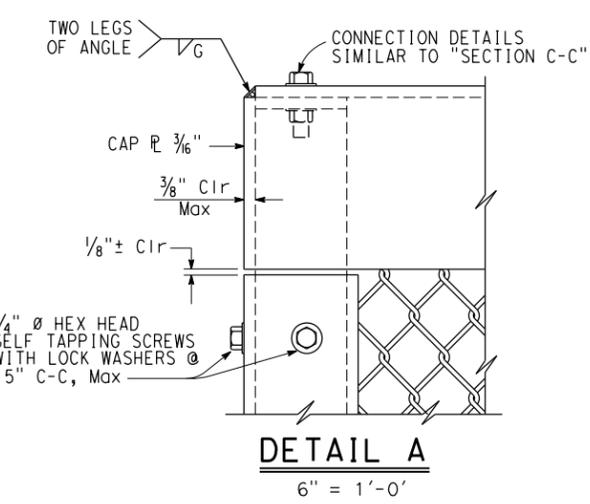


Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
DDDD	CCCC	RRRR	PPPP	????	####
REGISTERED CIVIL ENGINEER			X	DATE	
MM/DD/YYYY					
PLANS APPROVAL DATE					
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.					
THE REGISTERED CIVIL ENGINEER FOR THE PROJECT IS RESPONSIBLE FOR THE SELECTION AND PROPER APPLICATION OF THE COMPONENT DESIGN AND ANY MODIFICATIONS SHOWN.					



- 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" x 3" deep hole in slab and set in epoxy adhesives 3/8" 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 length correspondingly.
  - Anchor 5/16" galvanized cable at end post and end posts adjacent to electrolier openings of deck or wall joints with 1/2" stud socket assembly or 1/2" welded eyebolt and crimped sleeve clamp. Provide 1/2" minimum take-up at each anchorage.
  - Design valid for bridges with the top of chain link railing type 7 (Mod) equal to or less than 260" height above surrounding ground surfaces.
  - Handrail is required only where slope is 5% or greater, or as indicated on other bridge plans.



**GENERAL NOTES  
LOAD AND RESISTANCE FACTOR DESIGN**

DESIGN:  
AASHTO LRFD Bridge Design Specifications,  
8th Edition 2017 with California  
Amendments April 2019

CONCRETE:  
f<sub>y</sub> = 60ksi f'<sub>c</sub> = 3.6 ksi

STRUCTURAL STEEL:  
HSS: f<sub>y</sub> = 50 ksi

BRIDGE STANDARD DETAILS		
xs16-220-1	July 2020	The components of the Bridge Standard Details have been prepared under the responsible charge of the Technical Owner, a registered civil engineer in the State of California
FILE NO.	APPROVAL DATE	

STATE OF CALIFORNIA		DIVISION OF ENGINEERING SERVICES		BRIDGE No.	CHAIN LINK RAILING TYPE 7 (MOD)
DEPARTMENT OF TRANSPORTATION				POST MILE	
					<b>DETAILS No.1</b>

UNIT:	PROJECT NUMBER & PHASE:	CONTRACT No.:	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES	SHEET	OF
				01-24-20 12-11-19 05-27-20 07-01-20		