Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
DDDD	CCCC	RRRR	PPPP	????	#####

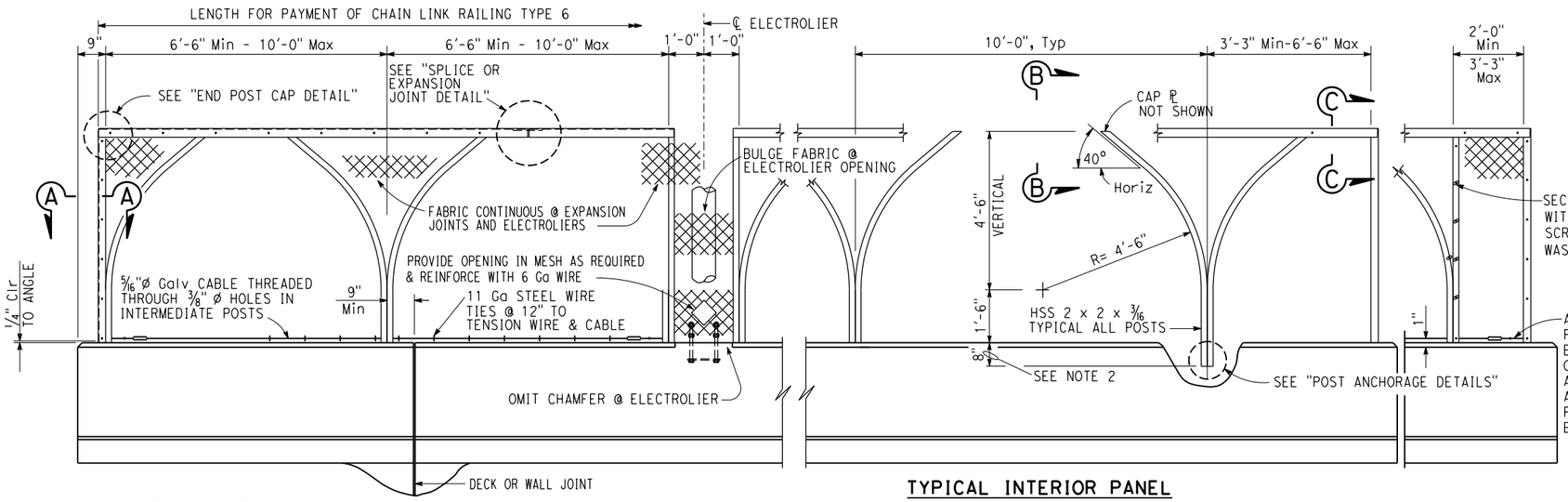
REGISTERED CIVIL ENGINEER — DATE

PLANS APPROVAL DATE — MM/DD/YYYY

REGISTERED PROFESSIONAL ENGINEER — No. X — Exp. X — CIVIL — STATE OF CALIFORNIA

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.



TYPICAL INTERIOR PANEL

END PANEL 8'-0" - 12'-0"

EXPANSION PANEL

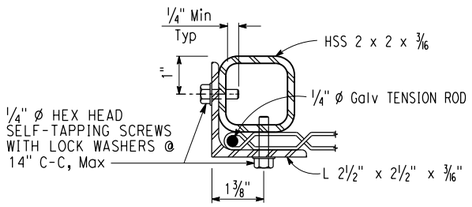
AT ELECTROLIER

END PANEL 4'-0" - 8'-0"

END PANEL 2'-0" - 4'-0"

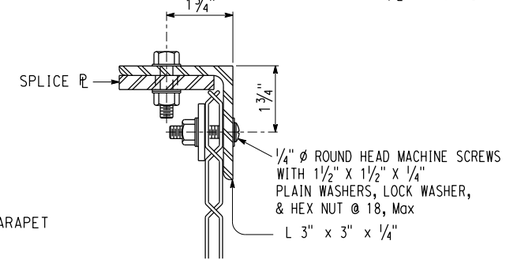
ELEVATION

1/2" = 1'-0"



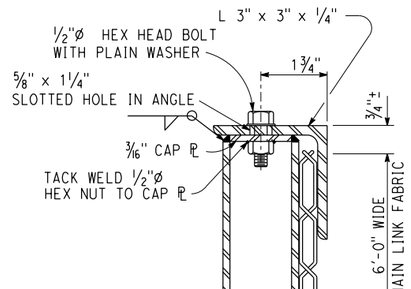
SECTION A-A

6" = 1'-0"



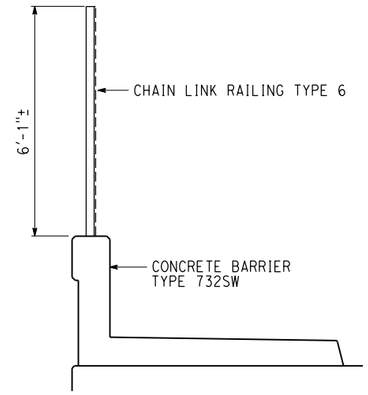
SECTION B-B

6" = 1'-0"



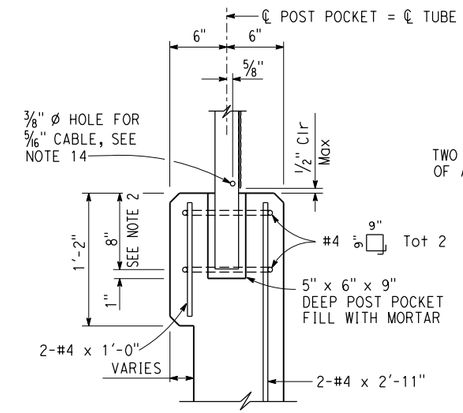
SECTION C-C

6" = 1'-0"



TYPICAL SECTION

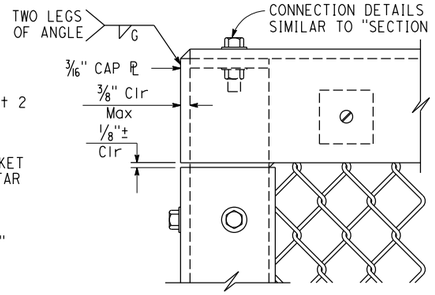
1/2" = 1'-0"



POST ANCHORAGE DETAIL

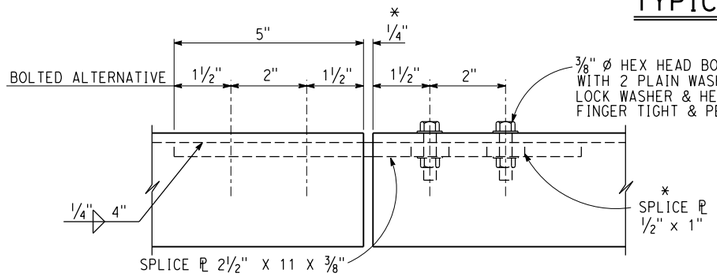
1 1/2" = 1'-0"

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



END POST CAP DETAIL

6" = 1'-0"



SPLICE OR EXPANSION JOINT DETAIL

6" = 1'-0"

* Expansion joint same dimension as expansion joint in deck or wall.

GENERAL NOTES LOAD AND RESISTANCE FACTOR DESIGN

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

CONCRETE:
f_y = 60ksi f'_c = 3.6 ksi

STRUCTURAL STEEL:
f_y = 36ksi

NOTES:

1. Horizontal angle must be continuous over not less than two intermediate posts except that a shorter length is permitted at expansion joints, electroliers and other rail discontinuities.
2. One post may be embedded 6" minimum to accommodate grade changes, otherwise fabricate post lengths as required.
3. Curved posts may be rotated in plane within post pockets to accommodate curved horizontal alignment.
4. Straight posts and straight portions of curved posts must be installed normal to bridge profile grade.
5. Top horizontal angle must be parallel to bridge profile grade and must be shop bent to fit horizontal curves.
6. When railing is on slope, fabric must be placed parallel to slope.
7. Alternative details may be submitted by Contractor for Engineer's approval.
8. For details and reinforcement not shown, see Std Plan B11-58, "CONCRETE BARRIER TYPE 732SW (SHEET 1 OF 2)".
9. See Bridge Plans for limits of Chain Link Railing Type 6.
10. Provide thimbles at all cable loops.
11. Chain link fabric to be 6'-0" wide with 1" mesh and with knuckled selvage top and bottom.
12. When railing is placed on a horizontal alignment with a radius of 150'-0" or less, thread 5/16" cable through 3/8" * welded eye rods embedded 4" into the top of the concrete parapet and equally spaced to limit the middle ordinate distance between 5/16" cable and the curve to 1" maximum.
13. Splices and expansion joints must be located at ℄ panel.
14. Holes in posts for 5/16" cable and its anchorage may be field drilled and painted with zinc rich paint.
15. Design valid for bridges with the top of chain link railing type 6 equal to or less than 180' height above surrounding ground surfaces.

BRIDGE STANDARD DETAILS		
xs16-200 (FILE NO.)	July 2020 (APPROVAL DATE)	*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*

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

BRIDGE NO.

POST MILE

CHAIN LINK RAILING TYPE 6

Refer to: http://www.dot.ca.gov/hq/esc/techpubs/manual/bridgemanuals/bridge-standard-detail-sheets/index.html

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ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

UNIT:
PROJECT NUMBER & PHASE:
CONTRACT No.:

DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES				SHEET	OF
12/20/19	01/01/20	03/24/20	06/01/20		