Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS

REGISTERED CIVIL ENGINEER

May 1, 2023
PLANS APPROVAL DATE

Gregory J. Kaderabek No. C40814 Exp. 3-31-25 CIVIL

REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

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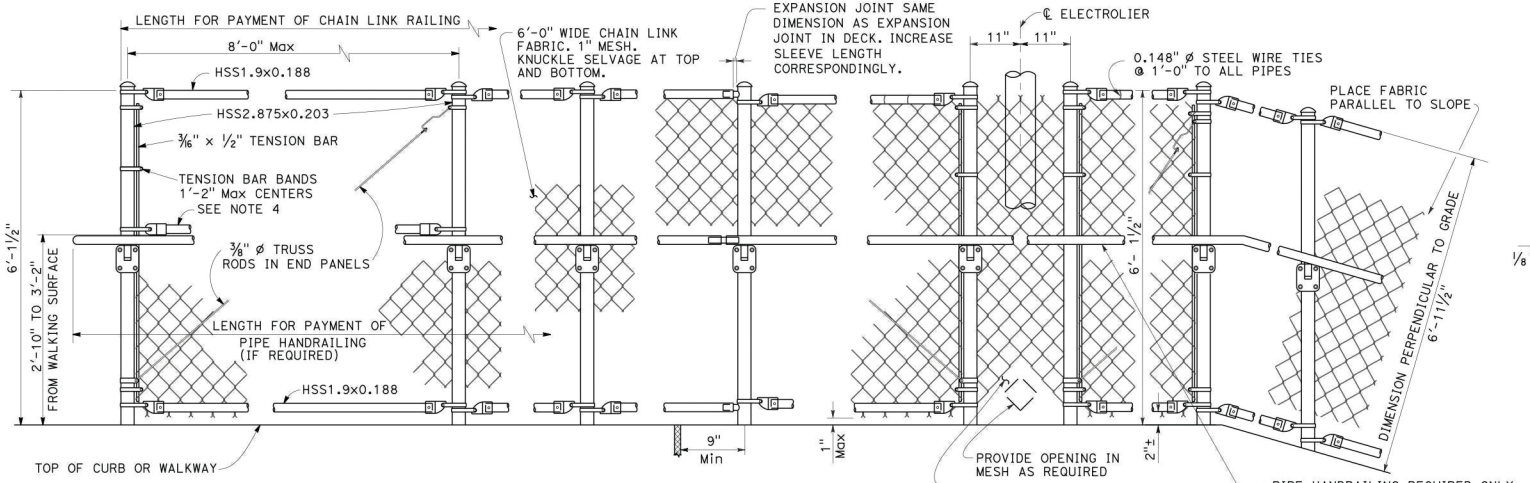
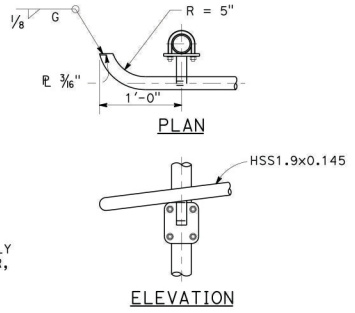
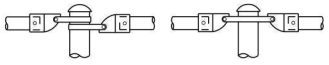


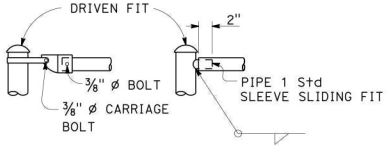
END POST | INTERMEDIATE POSTS | AT DECK EXPANSION JOINTS | AT ELECTROLIER | ON SLOPES



PIPE HANDRAILING AT END



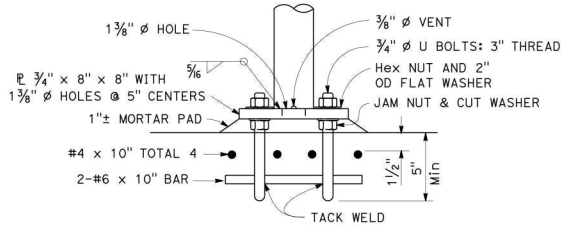
ALTERNATIVE DETAILS



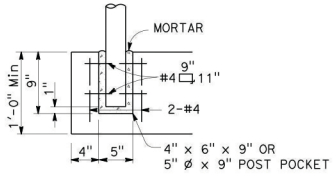
TYPICAL CONNECTION DETAILS

NOTES:

1. Peen all bolt threads.
2. Railing shall conform to horizontal and vertical alignment. Posts shall be vertical. Top and bottom pipes shall be bent if radius is 148'-0" or less; may be on 8'-0" chords if radius is over 148'-0".
3. When railing is on slope, 6'-0" chain link fabric shall be placed parallel to slope.
4. Additional HSS 1.9 x 0.188 required when radius is less than 150'-0".



ANCHORAGE DETAIL



ALTERNATIVE ANCHORAGE DETAIL

May be used when thickness of concrete is 1'-0" or more.

DESIGN NOTES

DESIGN:

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

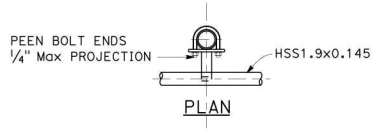
CONCRETE:

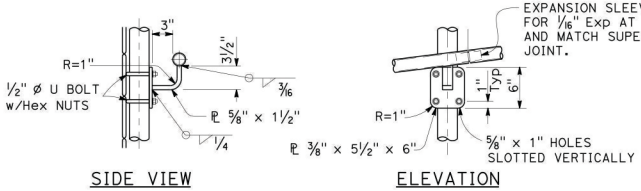
f_y = 60 ksi

f'_c = 3.6 ksi

STRUCTURAL STEEL

HSS: f_y = 50 ksi





PIPE HANDRAILING BRACKET

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

CHAIN LINK RAILING

NO SCALE

B11-7

3-14-23

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