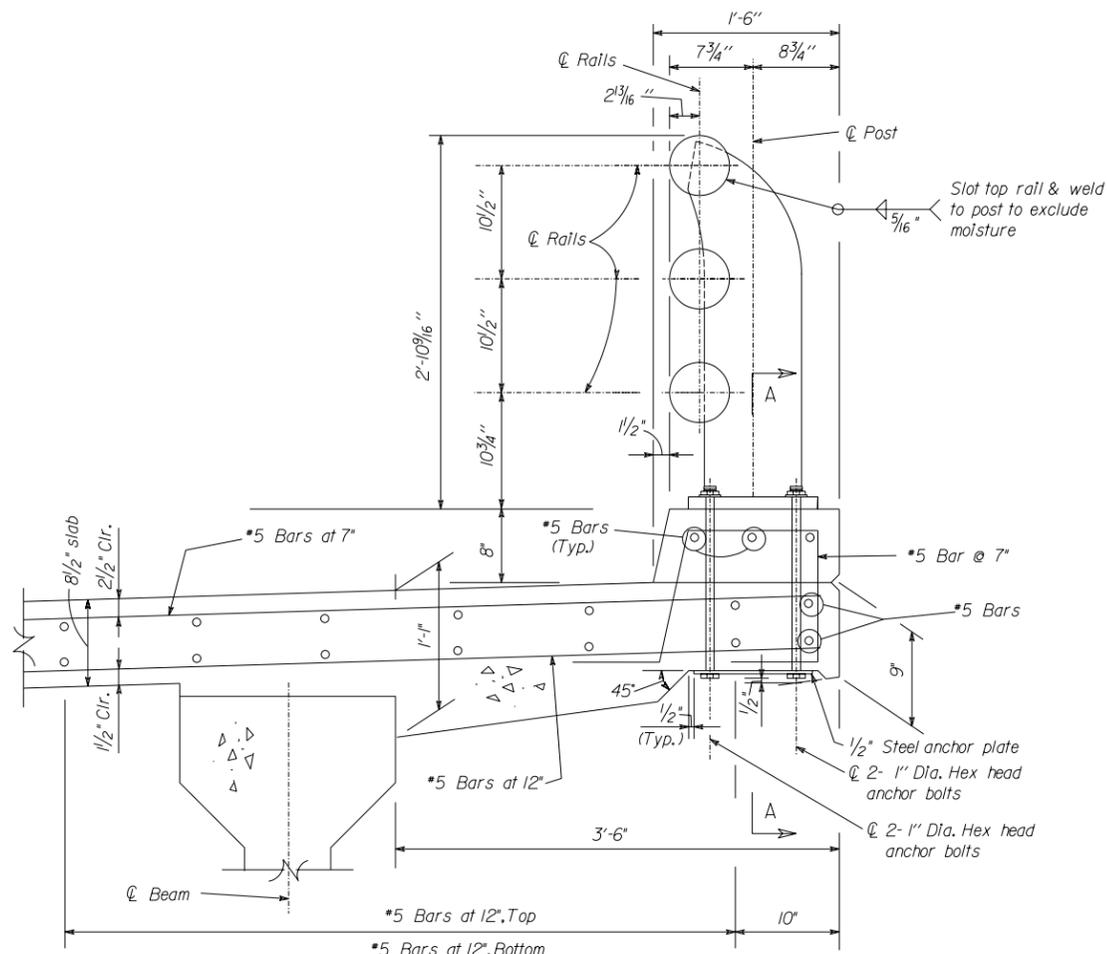
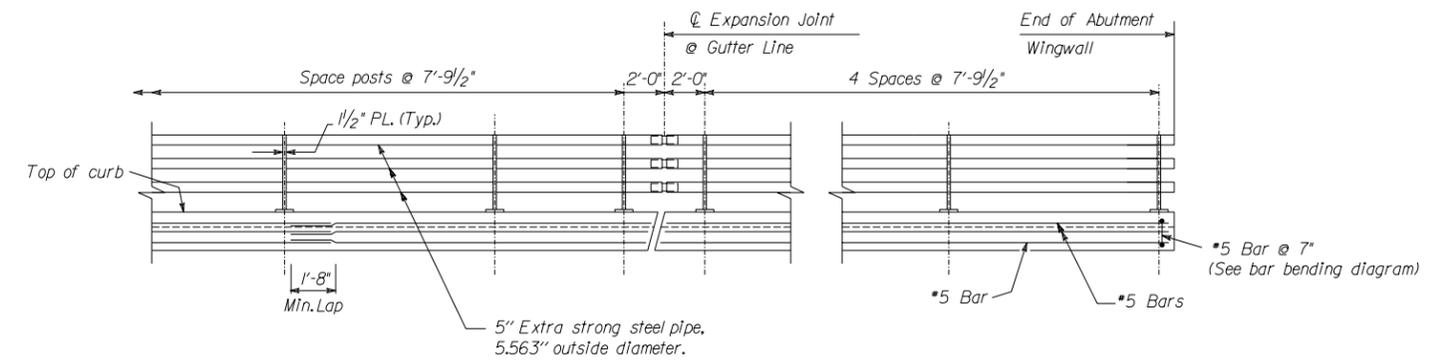


REGION	STATE	PROJECT	SHEET NO.	TOTAL SHEETS



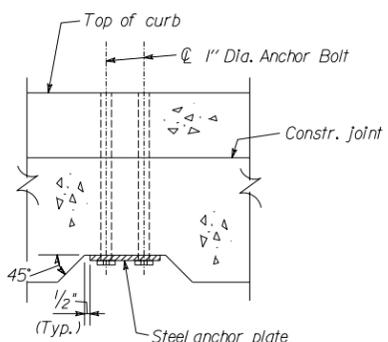
POST AND DECK SLAB DETAILS



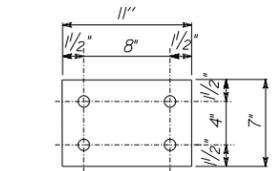
RAILING ELEVATION

Note: Apply a layer of heavy grease to the full length of the anchor bolts; preventing bond between the concrete and the bolt and allowing for future replacement of the bolts.

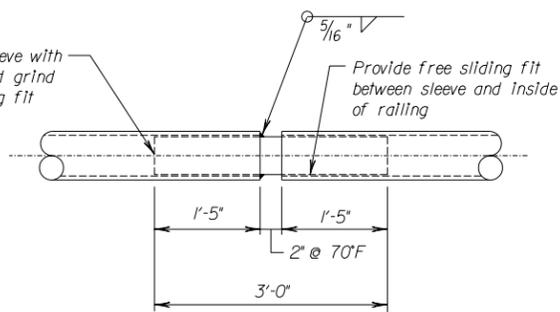
NOTES: Furnish posts and post plates conforming to ASTM A588 and rails conforming to ASTM A53, Grade B. Furnish anchor plate conforming to ASTM A36 and anchor bolts conforming to ASTM A307. Galvanize anchor bolts, anchor plate, hex nuts and washers according to ASTM A123. Shimms may be used as necessary for post alignment. Set rail post normal to profile grade. Provide railing continuous over 3 or more posts. Provide 2" clear cover for all reinforcement except as otherwise dimensioned.



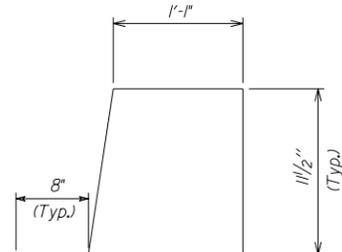
SECTION A-A
(Reinf. steel, rail and post are not shown)



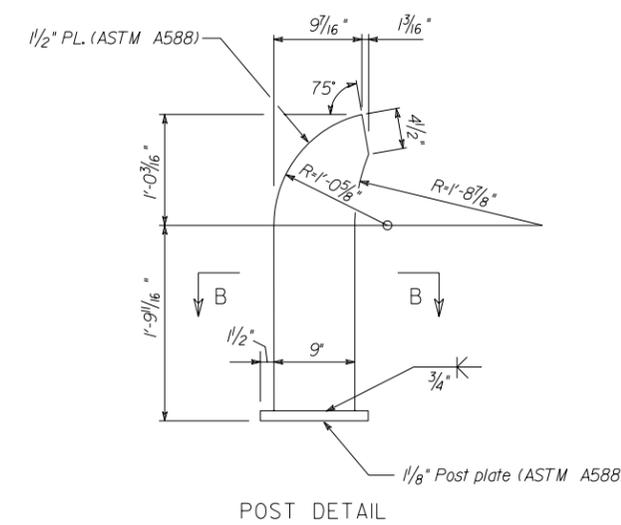
ANCHOR PLATE DETAIL



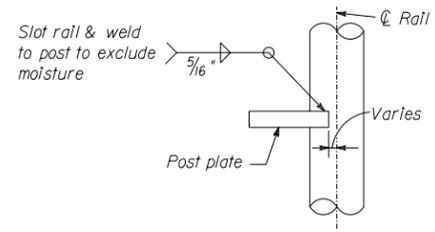
RAILING EXPANSION JOINT DETAIL



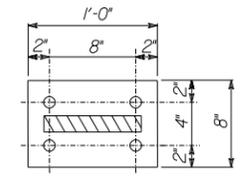
BAR BENDING DIAGRAM



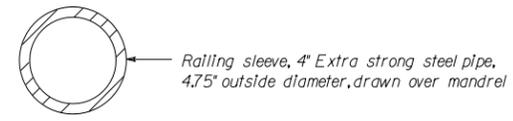
POST DETAIL



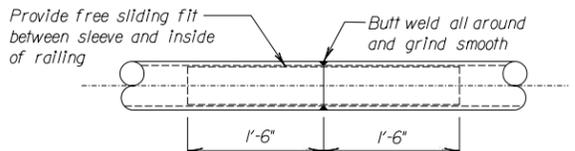
RAILING CONNECTION DETAIL
(Typical for the two lower rails)



SECTION B-B



TYPICAL RAILING SLEEVE SECTION FOR FIELD SPLICE AND EXPANSION JOINT DETAILS



RAILING FIELD SPLICE DETAIL

**PRELIMINARY
NOT FOR CONSTRUCTION**

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
EASTERN FEDERAL LANDS HIGHWAY DIVISION
GEORGE WASHINGTON MEMORIAL PARKWAY
GWMP STEEL TRI-RAIL
MOUNTED ON CURB

3/27/2003 7:54:38 AM \u00d7\u00d7\u00d7\u00d7 BridgeRail\CAD\gmp_rail.dgn

NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	DESIGNED BY	DRAWN BY	CHECKED BY	SCALE	PROJECT TEAM LEADER	BRIDGE DRAWING	DATE	DRAWING NO.
											No scale		of	June 1997	

\$\$\$\$date\$\$\$\$\$\$\$\$