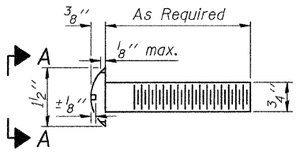
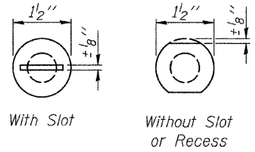
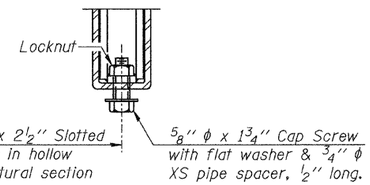
FOR RAIL POST SPACING SEE SH.#8 OF 22.



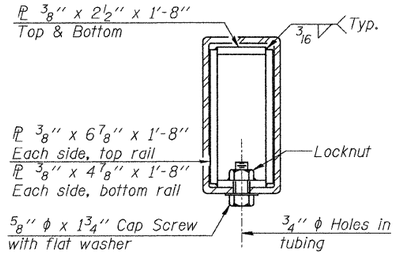
DETAIL OF 3/4" ϕ ROUND HEAD BOLT



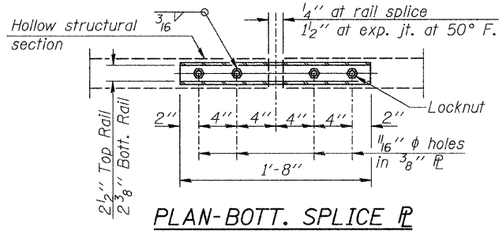
VIEW A-A



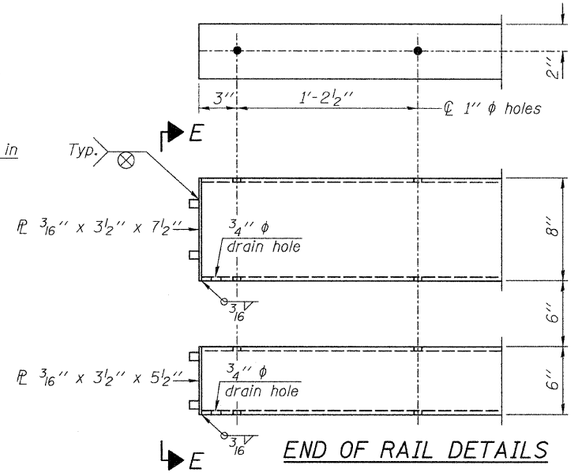
RAIL SPLICE CONNECTION AT EXPANSION JT.



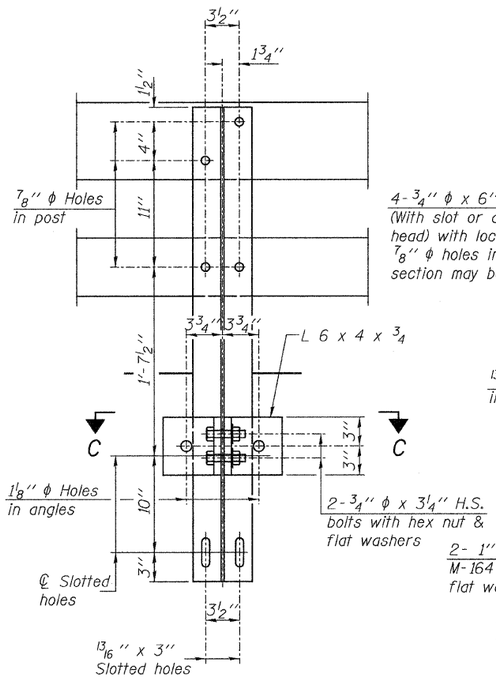
SECTION AT RAIL SPLICE



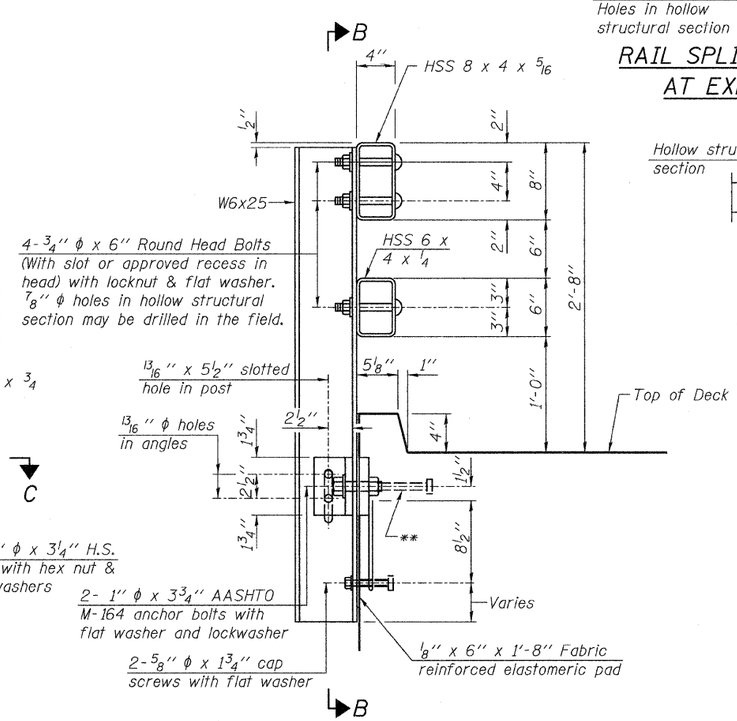
PLAN-BOTT. SPLICE PL TYPICAL



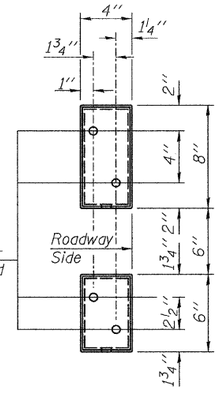
END OF RAIL DETAILS



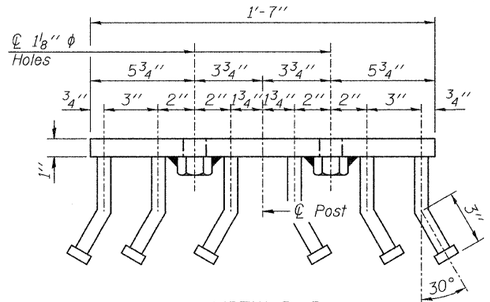
SECTION B-B



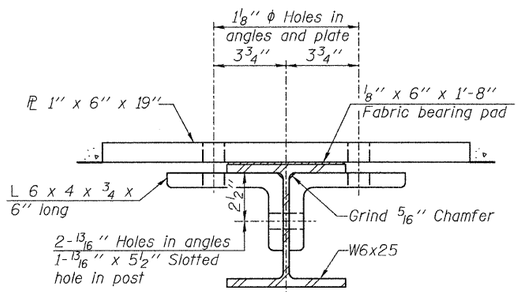
SECTION AT RAIL POST



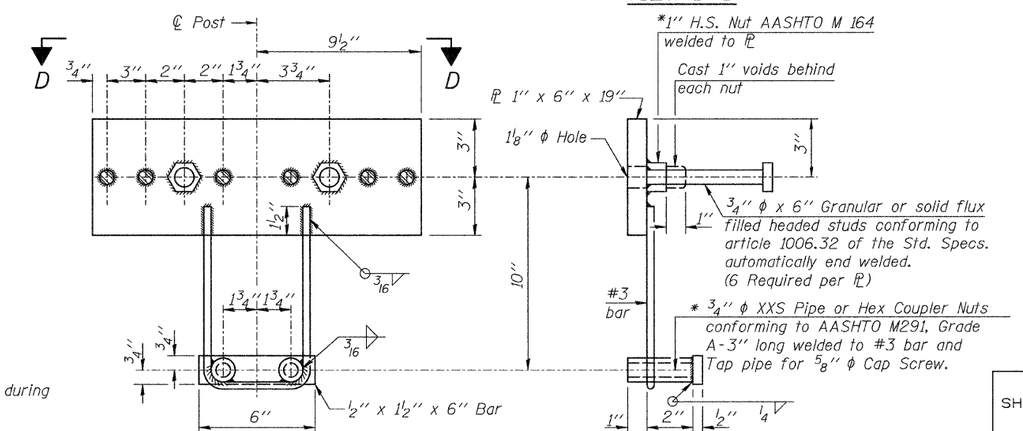
VIEW E-E



VIEW D-D



SECTION C-C



ANCHOR DEVICE

℄ - 5/8" reduced base welded studs. Provide 4 - 5/8" washers and self-locking nuts or nuts and jam nuts for guardrail connection shown on Std. 631032

* Threaded areas shall be plugged or blocked off during pouring of deck. Galvanized after fabrication.

Notes:

All field drilled holes shall be coated with an approved zinc rich paint before erection.

For multi-span bridges, sufficient 1/4" x 6" x 1'-2" galvanized steel shims shall be provided to align rail between adjacent spans. Cost included with Steel Railing, Type SM.

All steel railing elements shall be galvanized according to Article 509.05 of the Standard Specifications.

** The studs of the anchor devices shall be placed below the top reinforcement bars and the outermost longitudinal reinforcement bar shall be placed directly above the studs of the rail post anchor device.

BILL OF MATERIAL

Item	Unit	Quantity
Steel Railing, Type SM	Foot	124

STEEL RAILING TYPE SM. WITH CONCRETE CURB

SHEET NO. 10	RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
22 SHEETS	CH 25	09-00658-00-BR	LASALLE	39	17
		SN 050-3598	CONTRACT NO. 87451		
	FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT BRS-0271(103)		

2655B010