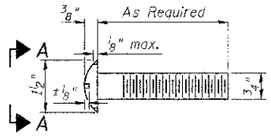
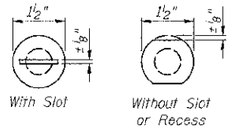
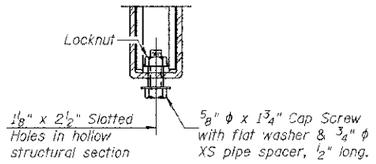
SEE SHEET 10 & 13 OF 28 FOR RAIL POST SPACING.



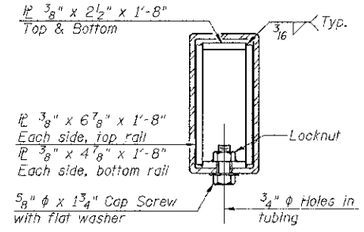
DETAIL OF 3/4" ϕ ROUND HEAD BOLT



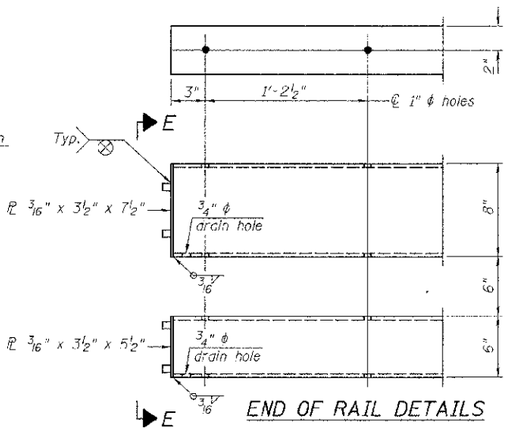
VIEW A-A



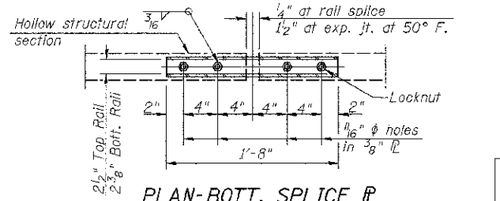
RAIL SPLICE CONNECTION AT EXPANSION JT.



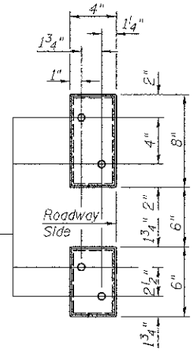
SECTION AT RAIL SPLICE



END OF RAIL DETAILS

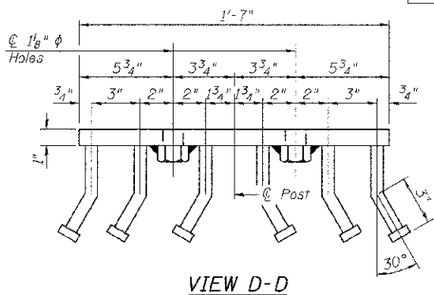


PLAN-BOTT. SPLICE PL TYPICAL

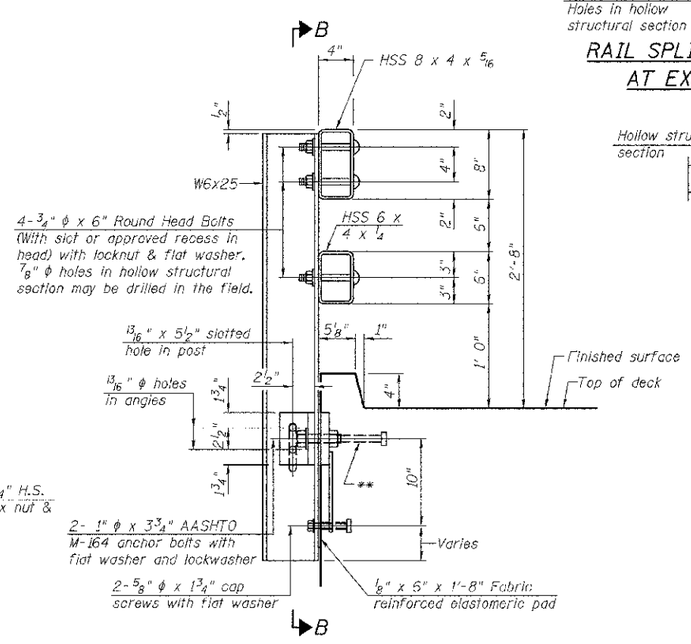


VIEW E-E

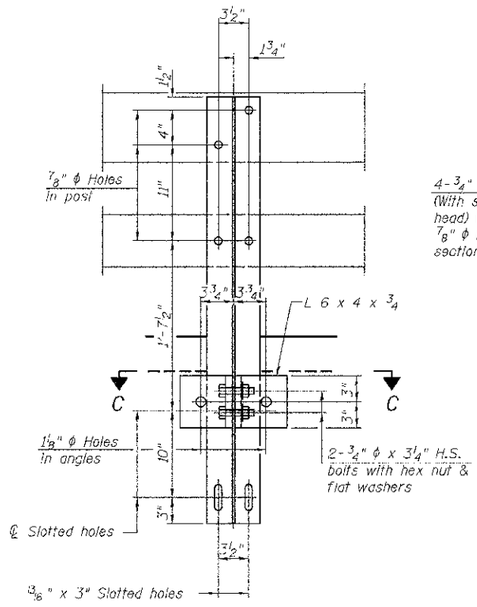
℄ - 5/8" reduced base welded studs. Provide 4 - 5/8" washers and self-locking nuts or nuts and jam nuts for guardrail connection shown on Std. 631032



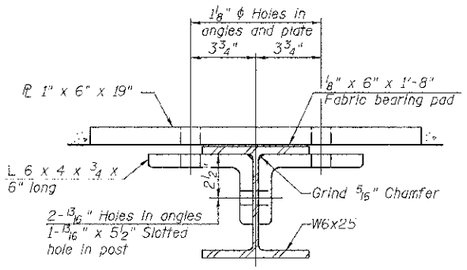
VIEW D-D



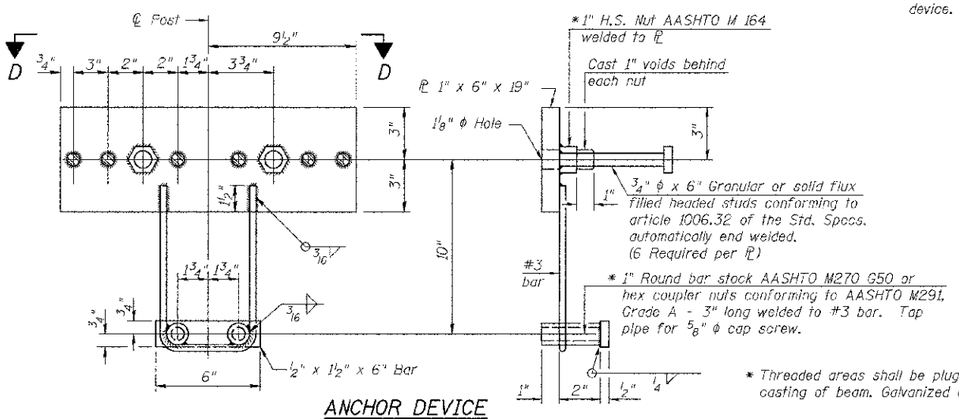
SECTION AT RAIL POST



SECTION B-B



SECTION C-C



ANCHOR DEVICE

* Threaded areas shall be plugged or blocked off during casting of beam. 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	219

FILE NAME = V:\2555\CADD SHEETS\STRUCTURES - Rec'd 02-27-2013\2555s015.dgn	USER NAME = smountel	DESIGNED BAN	REVISED -
		DRAWN TAC	REVISED -
	PLOT SCALE = NONE	CHECKED CTM	REVISED -
	PLOT DATE = 3/26/2013	DATE -	REVISED -

DEKALB COUNTY
C.H. 26 (FIVE POINTS RD.)
OVER SOUTH BRANCH OF KISHWAUKEE RIVER

STEEL RAILING, TYPE SM

SCALE: N/A | SHEET NO. 15 OF 28 SHEETS | STA. N/A | TO STA. N/A

RTE. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH 26	05-00044-01-BR	DEKALB	49	30
		CONTRACT NO. 87477		
	ILLINOIS	FED. AID PROJECT BRS-1122(108)		