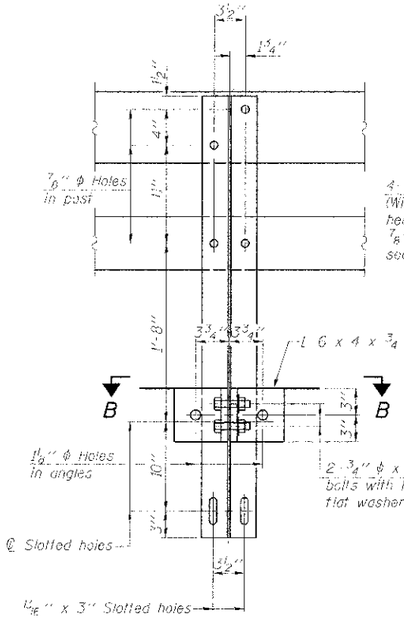
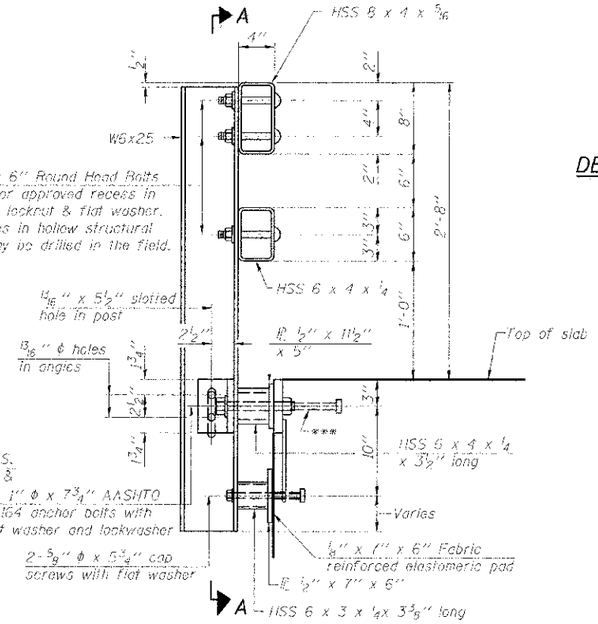
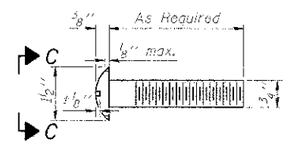


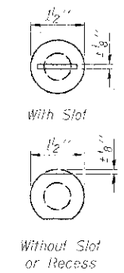
SECTION A-A



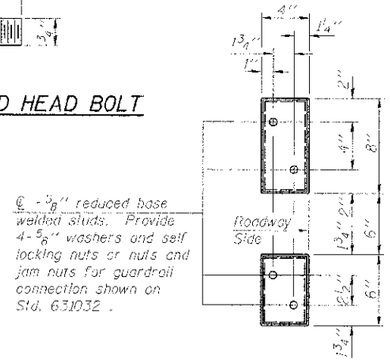
SECTION AT RAIL POST



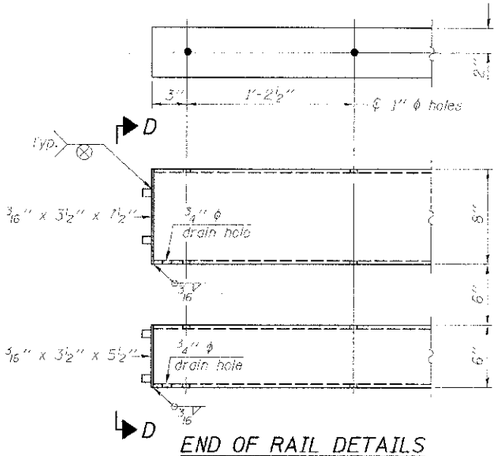
DETAIL OF ¾" ϕ ROUND HEAD BOLT



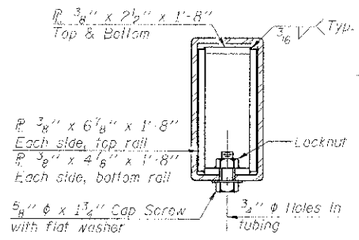
VIEW C-C



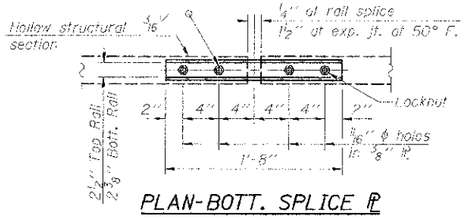
VIEW D-D



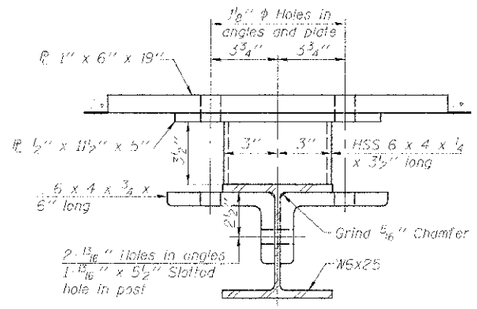
END OF RAIL DETAILS



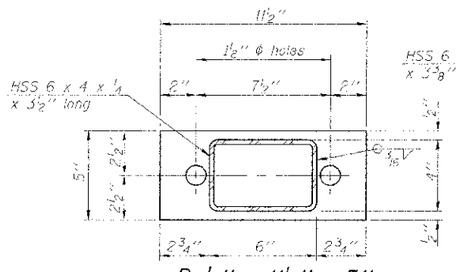
SECTION AT RAIL SPLICE



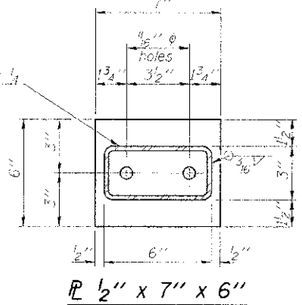
PLAN-BOTT. SPLICE PL TYPICAL



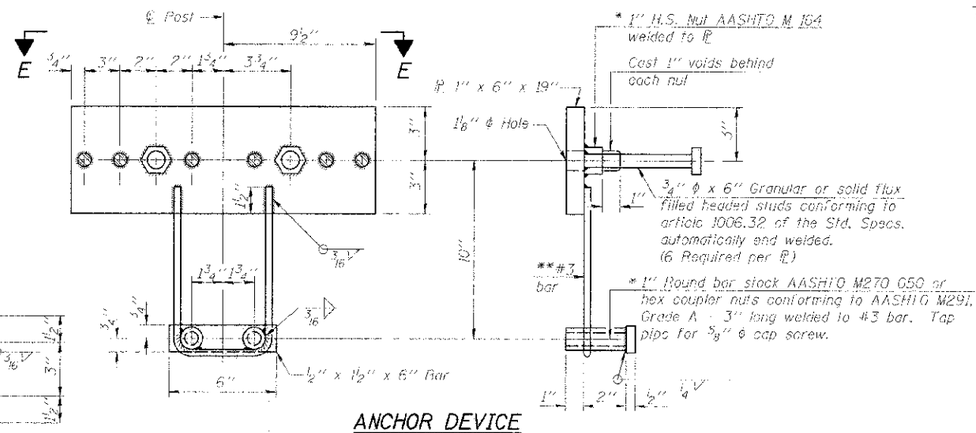
SECTION B-B



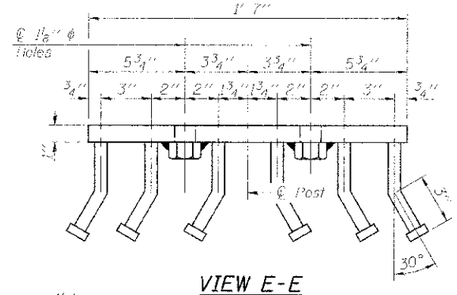
PL ½" x 11½" x 5"



PL ½" x 7" x 6"



ANCHOR DEVICE



VIEW E-E

Notes:

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

For multi-span bridges, sufficient ¼" 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 rail members 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.

(6'-3" Maximum Post Spacing) (1¼" minimum to 3⅛" maximum HMA thickness)

*Threaded areas shall be plugged or blocked off during casting of slab. Galvanized after fabrication.

** Whenever the lower insert assemblies interfere with strand locations, the #3 bars shall be cut and adjusted in order to allow raising or lowering of the lower inserts. Maximum adjustment not to exceed ½".

BILL OF MATERIAL

Item	Unit	Quantity
Steel Railing, Type SM	Foot	164

DESIGNED - SMM	REVISED -	MACON COUNTY HIGHWAY DEPARTMENT	STEEL RAILING, TYPE SM (SPECIAL) STRUCTURE NO. 058-3396
CHECKED - RDC	REVISED -		SHEET NO. 4 OF 9 SHEETS
DRAWN - SMM	REVISED -		
CHECKED - RLH	REVISED -		

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
516	10-00237-00-BR	MACON	25	15
		CONTRACT NO. 95694		
	ILLINOIS FED. AID PROJECT			