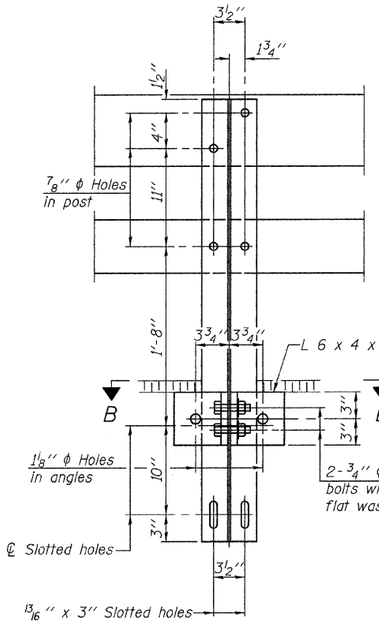
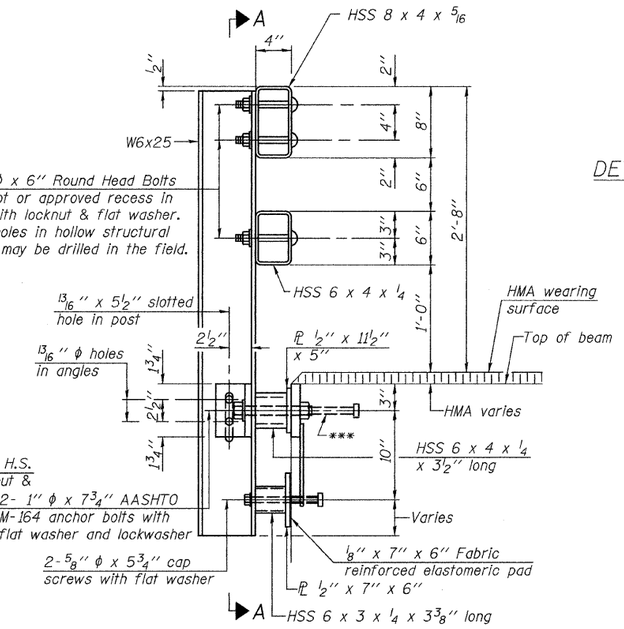
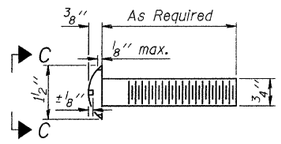
FOR RAIL POST SPACING SEE SH.#7 OF 12



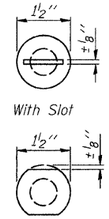
SECTION A-A



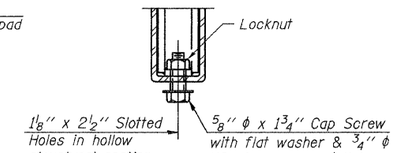
SECTION AT RAIL POST



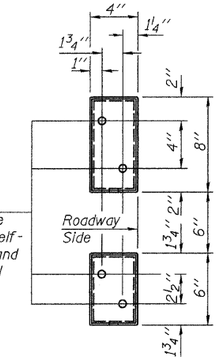
DETAIL OF ¾" ϕ ROUND HEAD BOLT



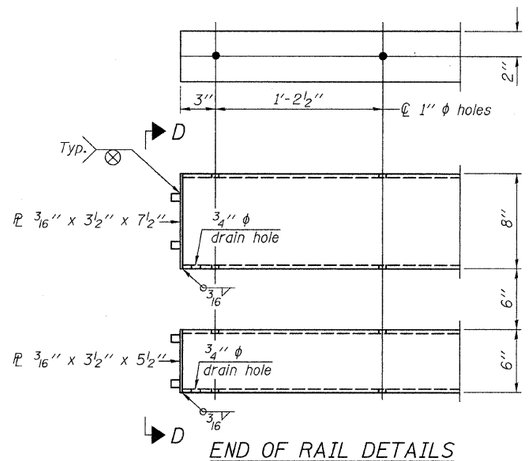
VIEW C-C



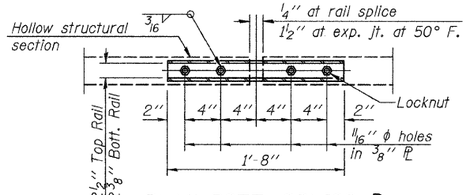
RAIL SPLICE CONNECTION AT EXPANSION JT.



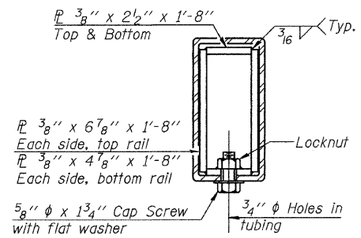
VIEW D-D



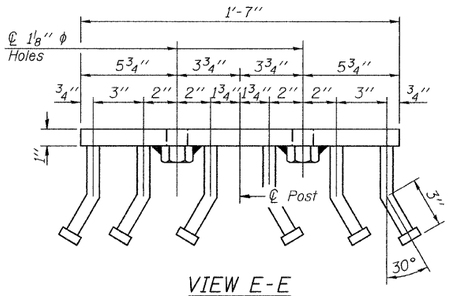
END OF RAIL DETAILS



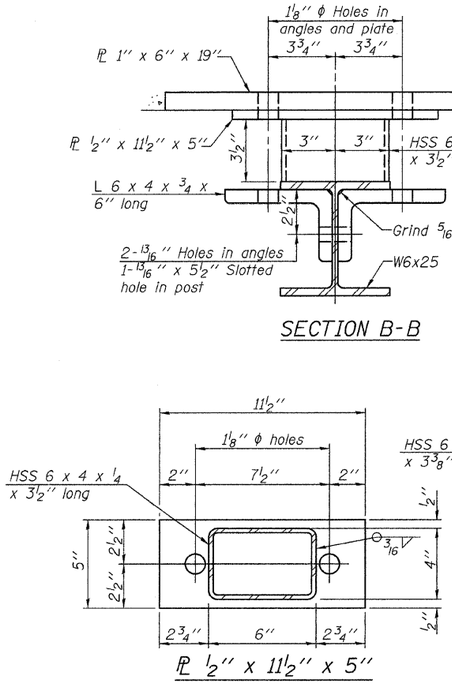
PLAN-BOTT. SPLICE Pℓ TYPICAL



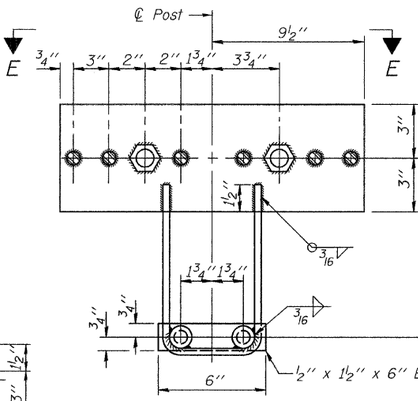
SECTION AT RAIL SPLICE

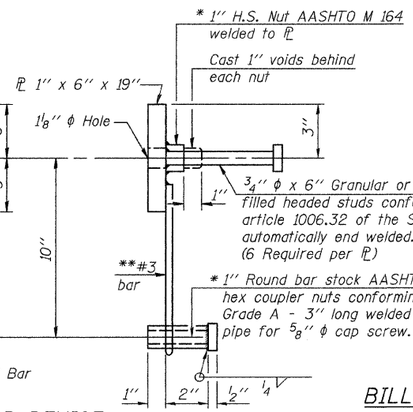


VIEW E-E



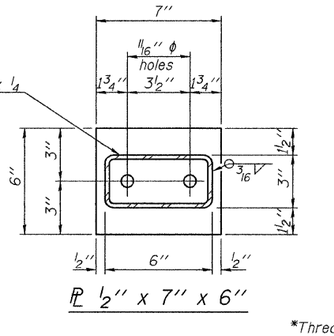
SECTION B-B





ANCHOR DEVICE

Pℓ ½" x 11½" x 5"



Pℓ ½" x 7" x 6"

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

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.

BILL OF MATERIAL

	Item	Unit	Quantity
(1)	Steel Railing, Type SM	FOOT	328

(1) See Special Provisions

TYPE SM STEEL RAILING
MORGAN COUNTY
SECTION 07-00099-00-BR
C.H. 28 OVER HENRY CREEK

SHEET NO. 6	ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
12 SHEETS	CH 28	07-00099-00-BR	MORGAN	48	14
		SN 069-3267	CONTRACT NO. 93545		
	FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT BRS-0609(109)		

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