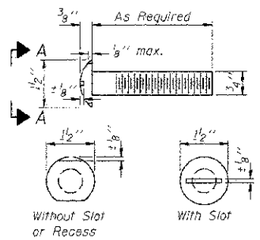
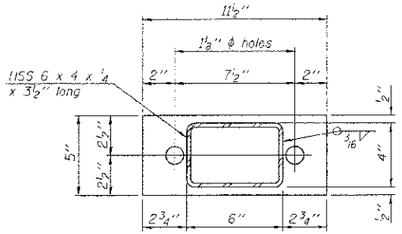
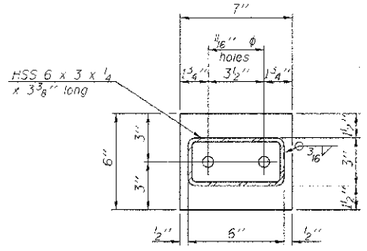
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
T.R. 56	05-07161-00-BR	MACON	16	14
FED. ROAD DIST. NO.	ILLINOIS	PROJECT: BROS-0115(068)		

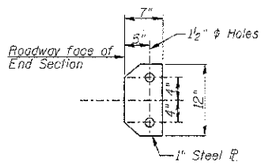
CONTRACT NO. 95686



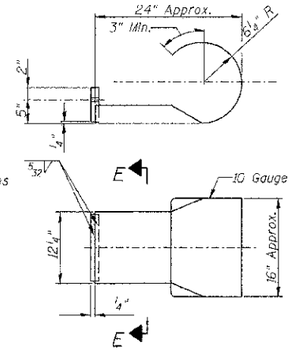
VIEW A-A
ROUND HEAD BOLT



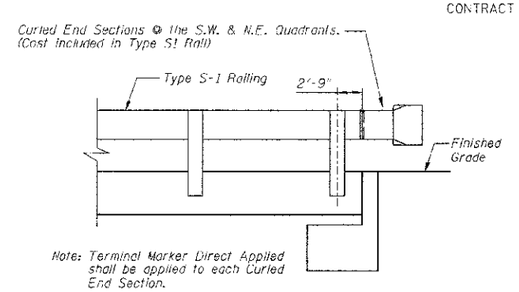




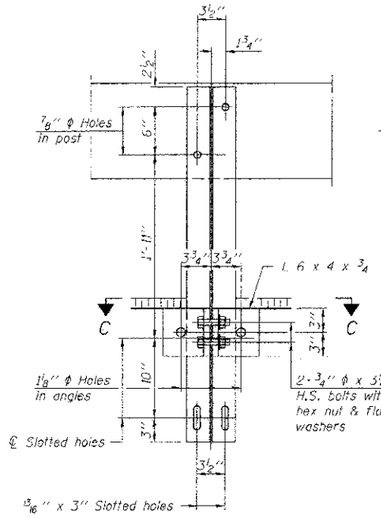
SECTION E-E



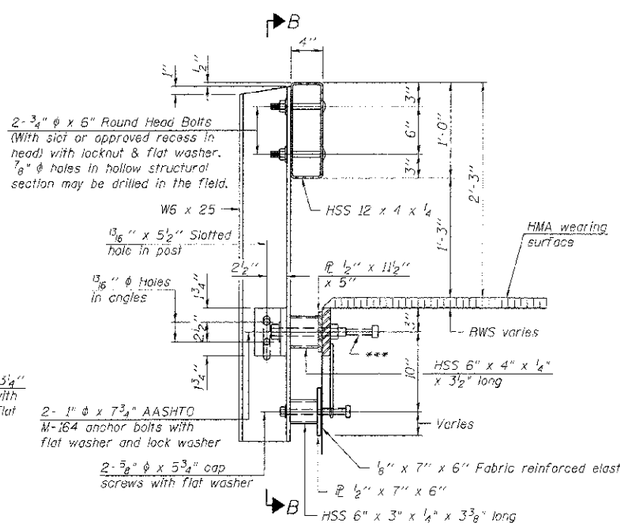
CURLED END SECTION DETAILS
(2 Required)



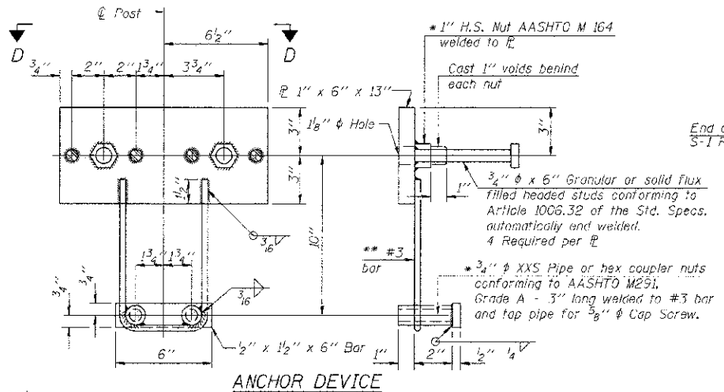
Note: Terminal Marker Direct Applied shall be applied to each Curled End Section.



SECTION B-B



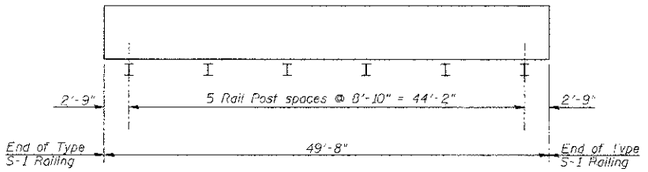
SECTION AT RAILING POST



ANCHOR DEVICE

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

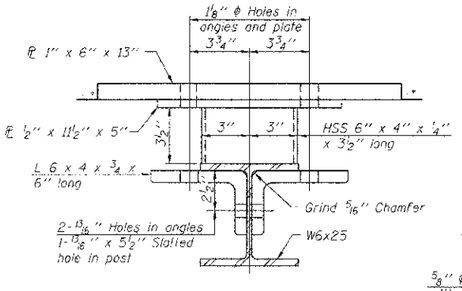
** Whenever the lower insert assemblies interfere with strand locations, the #3 bars shall be cut and adjusted in order to allow raising or lowering of the lower inserts. Maximum adjustment not to exceed ½".



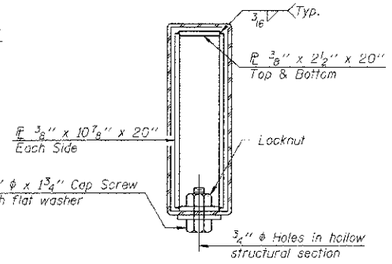
PLAN VIEW - EXTERIOR BEAM
(Showing Rail Post Spacing)

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 S-1.
All steel rail elements shall be galvanized according to Article 509.05 of the Standard Specifications.

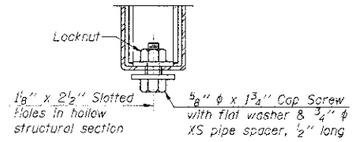
*** The studs of the anchor devices shall be placed below the top reinforcement bars and the outermost longitudinal reinforcement bar shall be placed directly above the studs of the rail post anchor device.



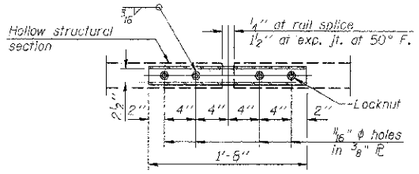
SECTION C-C



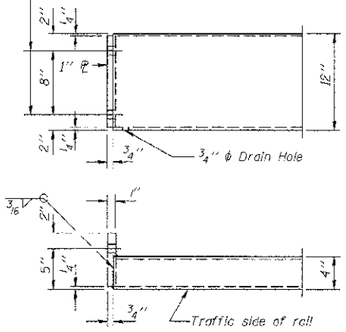
SECTIONS AT RAIL SPLICE



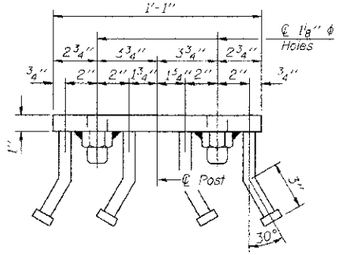
RAIL SPLICE CONNECTION
AT EXPANSION JT.



PLAN-BOTT. SPLICE PL
TYPICAL



END OF RAIL DETAILS



VIEW D-D

BILL OF MATERIAL

Item	Unit	Quantity
Steel Railing, Type S-1	Foot	100

STEEL RAILING, TYPE S-1

Date	Designed MJP	T.R. 56 OVER UNNAMED DRAINAGE DITCH SECTION 05-07161-00-BR MACON COUNTY STA. 15+05.80 PROP. STR. NO. 058-3382	Sheet No. 4 of 6
Revisions	Drawn BKN		
	Checked KWB		
	Approved KWB		
Prepared by: URS 345 East Ash Avenue Decatur, Il. 62526			URS Job No. 36431683