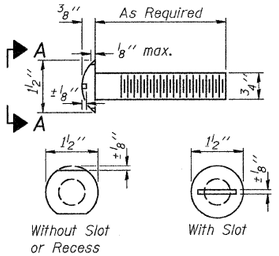
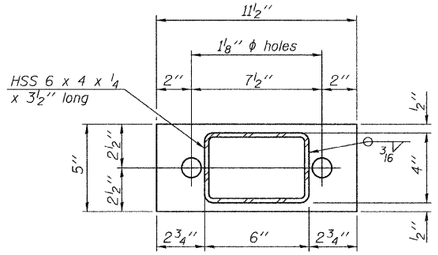
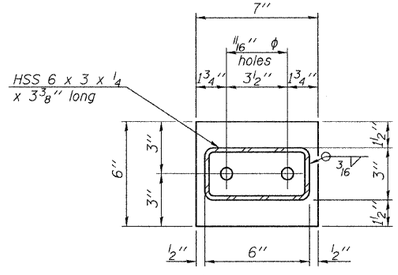
FOR RAIL POST SPACING SEE SH.#5 OF 9



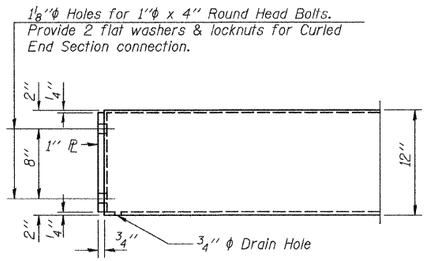
VIEW A-A
ROUND HEAD BOLT

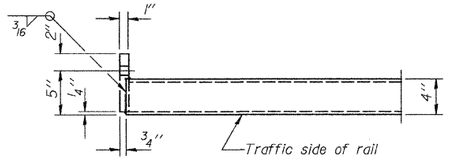


PL 1/2" x 11 1/2" x 5"

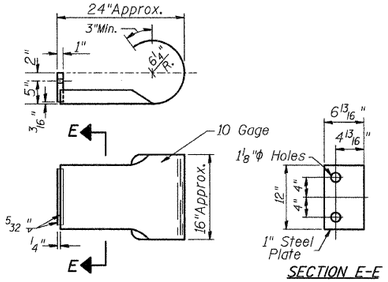


PL 1/2" x 7" x 6"





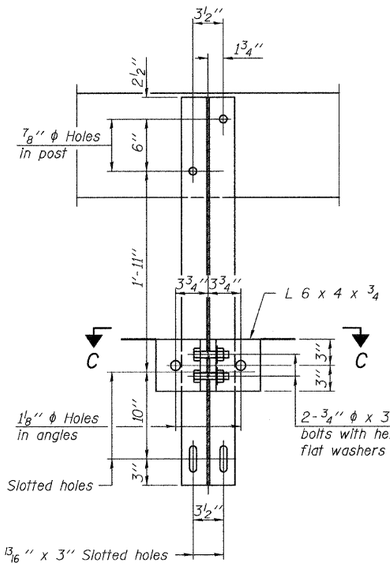
END OF RAIL DETAILS



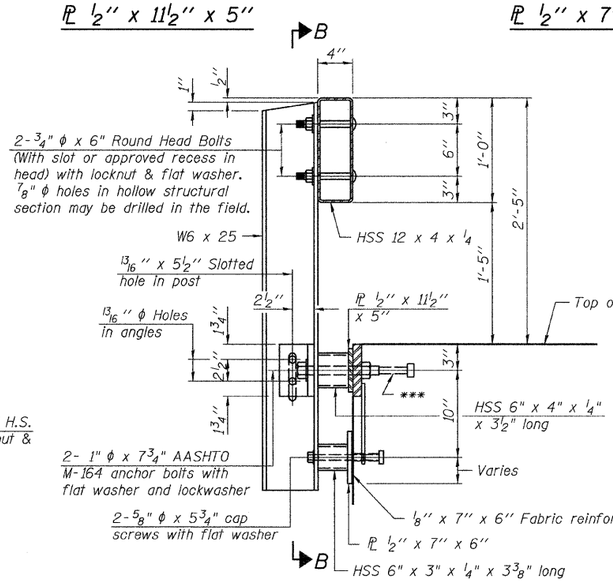
SECTION E-E

CURLED END SECTION

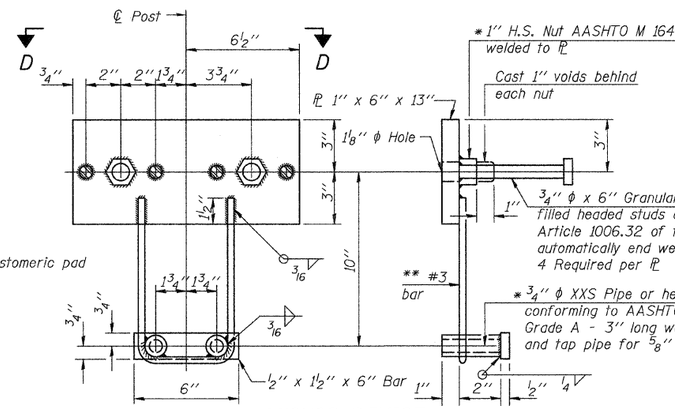
(4 Req'd) Cost Included with Steel Railing, Type S-1. Terminal Markers - Direct Applied shall be placed on end of each Curled End Section. (Each Corner)



SECTION B-B

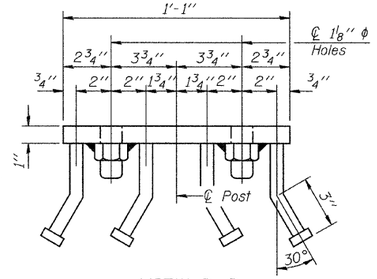


SECTION AT RAILING POST



ANCHOR DEVICE

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



VIEW D-D

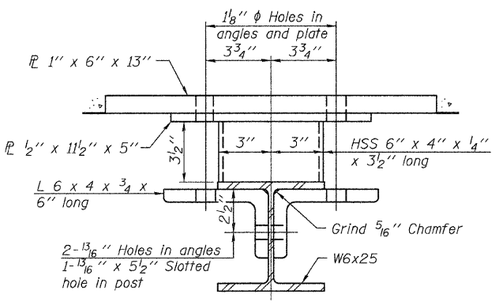
NOTES

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

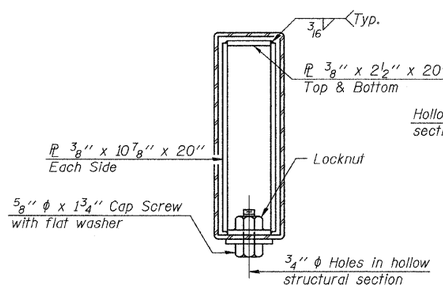
For multi-span bridges, sufficient 1/4" x 6" x 1'-2" galvanized steel shims shall be provided to align rail between adjacent spans. Cost included with Steel Railing, Type S-1.

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

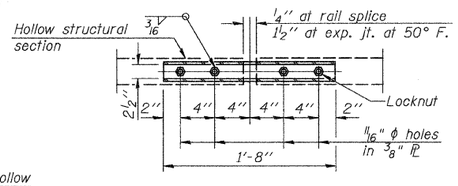
*** The studs of the anchor devices shall be placed below the top reinforcement bars and the outermost longitudinal reinforcement bar shall be placed directly above the studs of the rail post anchor device.



SECTION C-C



SECTIONS AT RAIL SPLICE



PLAN-BOTT. SPLICE PL
TYPICAL

** 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 1/2".

BILL OF MATERIAL

Item	Unit	Quantity
Steel Railing, Type S-1	FOOT	133

STEEL RAILING, TYPE S-1
IROQUOIS COUNTY
SECTION 02-01122-00-BR
T.R. 14A OVER LOUIS CREEK

SHEET NO. 4	ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9 SHEETS	TR 14A	02-01122-00-BR	IROQUOIS	22	10
		S.N. 038-3062	CONTRACT NO. 87460		
	FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT BROS-0075(138)		

2782b004