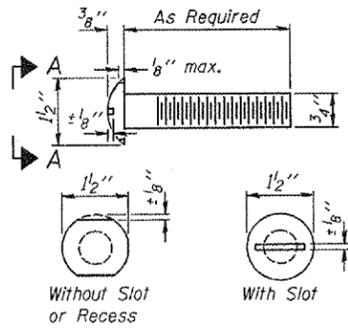


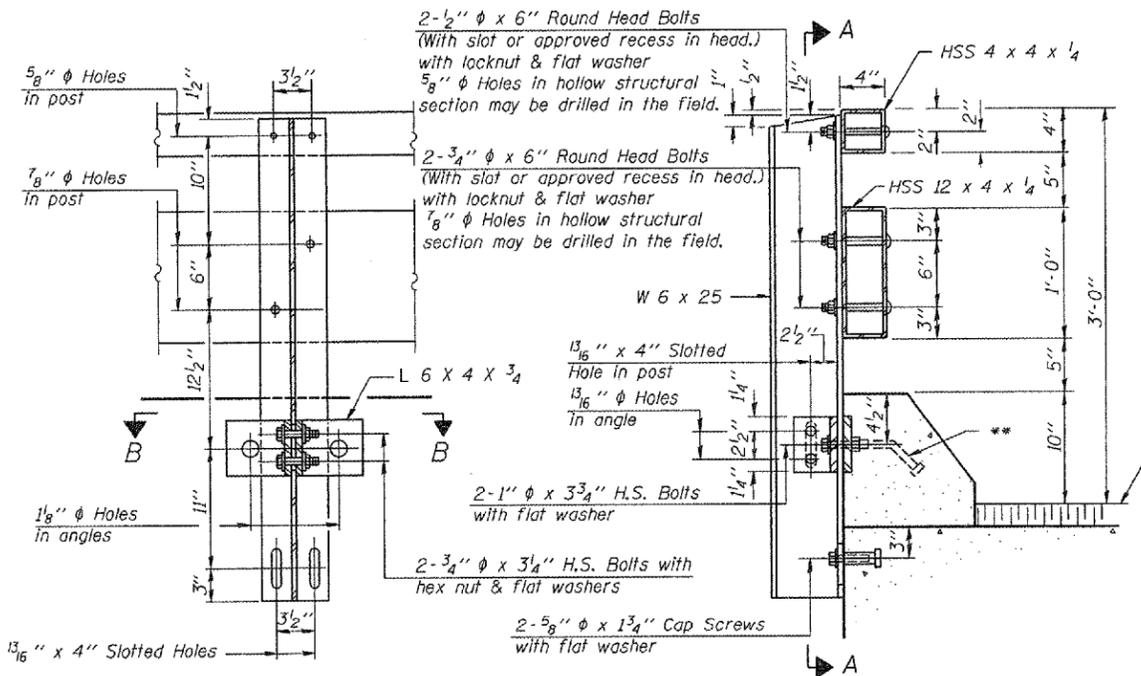
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
510	129	HANCOCK	8	8
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

Contract # 72A48

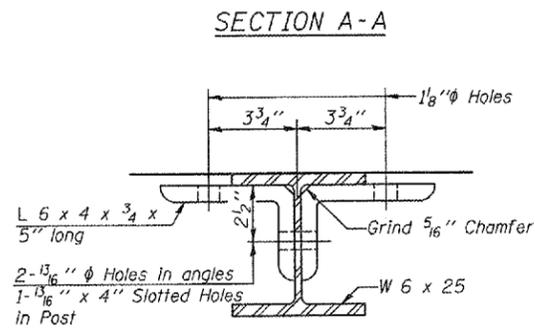


VIEW A-A  
ROUND HEAD BOLT

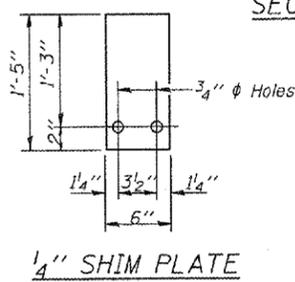


SECTION A-A

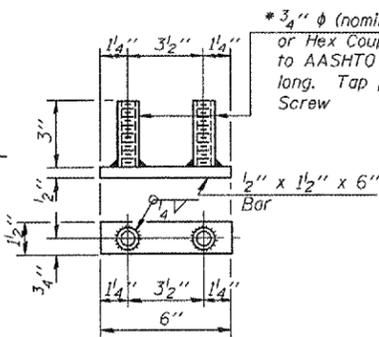
SECTION AT RAIL POST



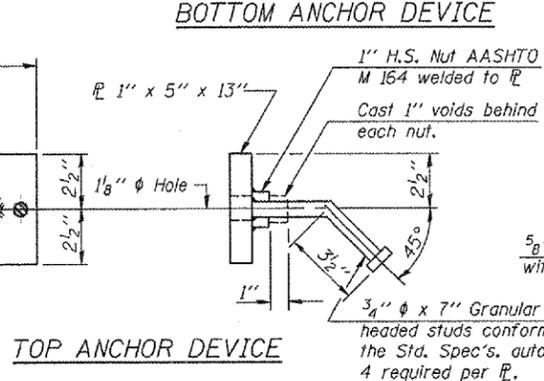
SECTION B-B



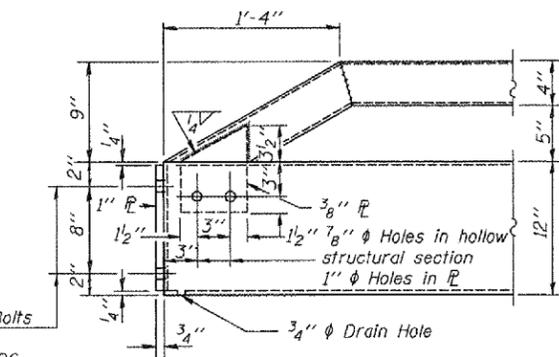
1/4 SHIM PLATE



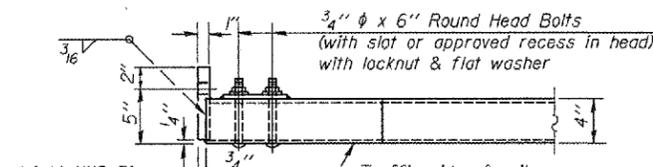
BOTTOM ANCHOR DEVICE



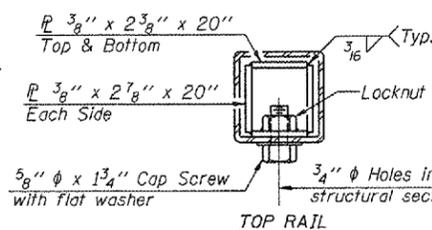
TOP ANCHOR DEVICE



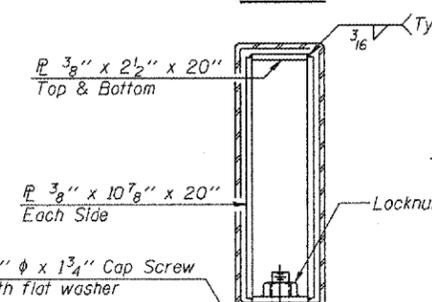
END OF RAIL DETAILS



TOP RAIL

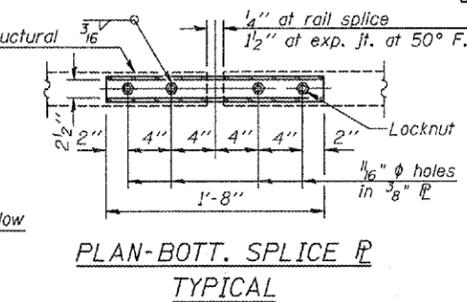


RAIL SPLICE CONNECTION  
AT EXPANSION JT.



BOTTOM RAIL

SECTIONS AT RAIL SPLICE



PLAN-BOTT. SPLICE R  
TYPICAL

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 1-5 galvanized steel shims shall be provided to align rail between adjacent spans. Cast included with Steel Railing, Type T-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.

BILL OF MATERIAL

Item	Unit	Quantity
Steel Railing, Type T-1	Foot	

STEEL RAILING, TYPE T-1  
SN. 034-0025  
034-0026

DESIGNED -	200
CHECKED -	EXAMINED
DRAWN -	PASSED
CHECKED -	ENGINEER OF BRIDGES AND STRUCTURES

R-24A 11-1-06 (9'-6" Maximum Post Spacing)