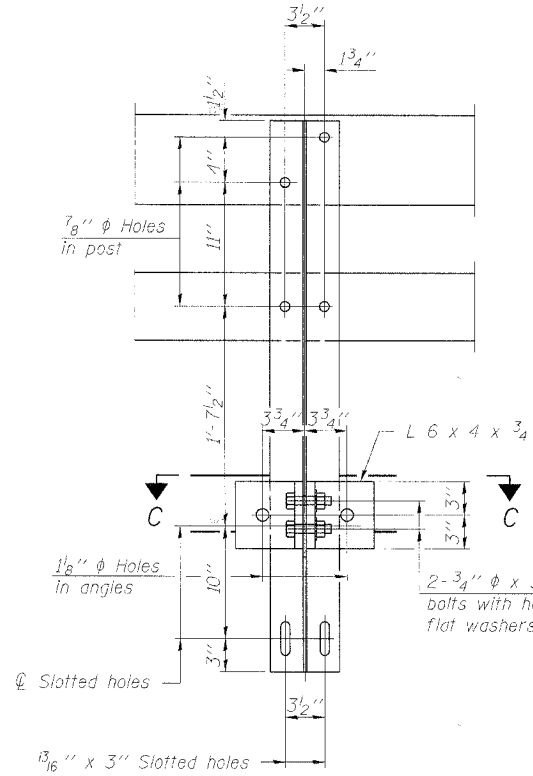
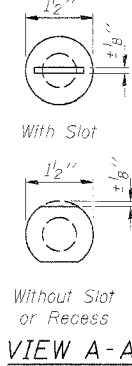
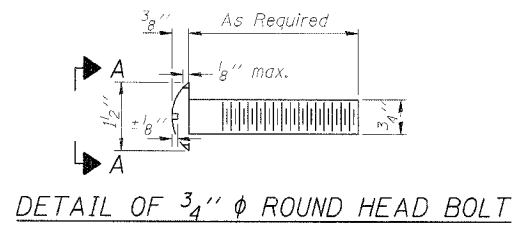


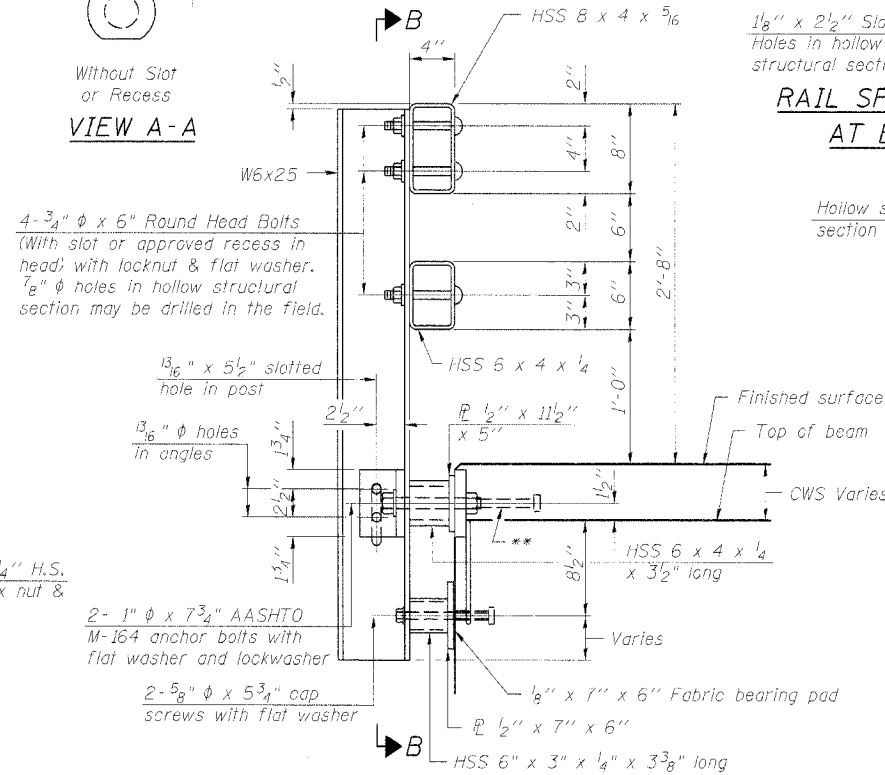
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	SHEETS	SHEET	SHEET NO.
FAP 322	123-BR-219R	FAYETTE	19	17	11 SHEETS
FED. ROAD DIST. NO. 7	ILLINOIS	FED-AID PROJECT			

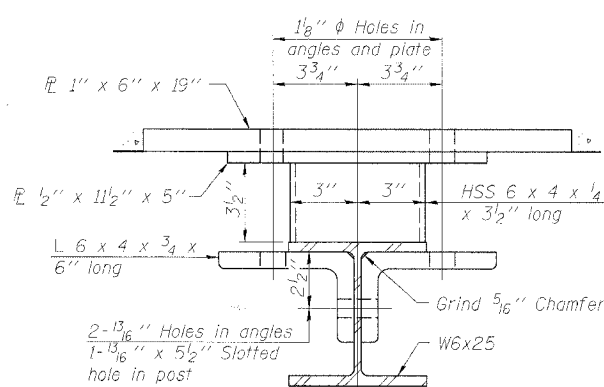
Contract # 94968



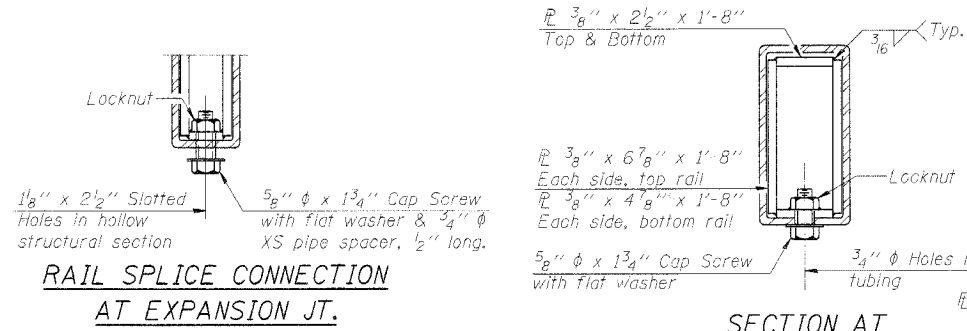
SECTION B-B



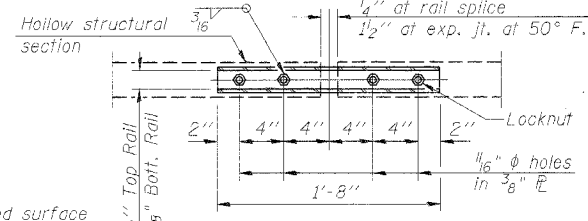
SECTION AT RAIL POST



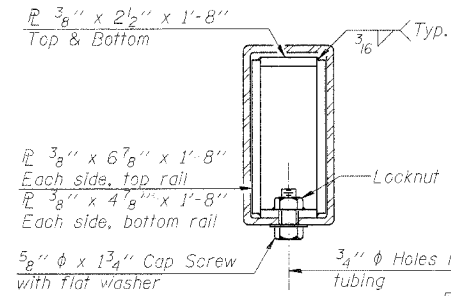
SECTION C-C



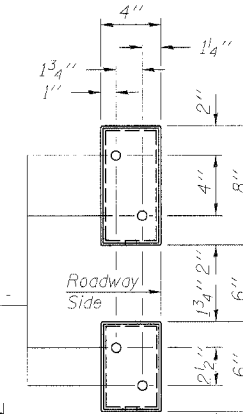
RAIL SPLICE CONNECTION
AT EXPANSION JT.



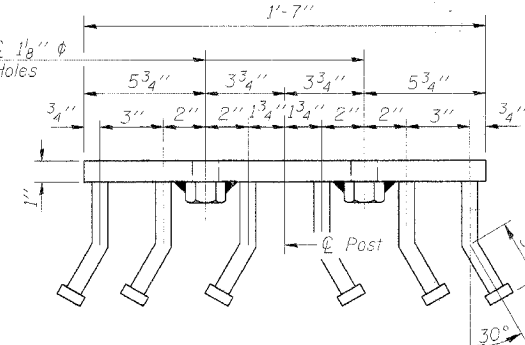
PLAN-BOTT. SPLICE R
TYPICAL



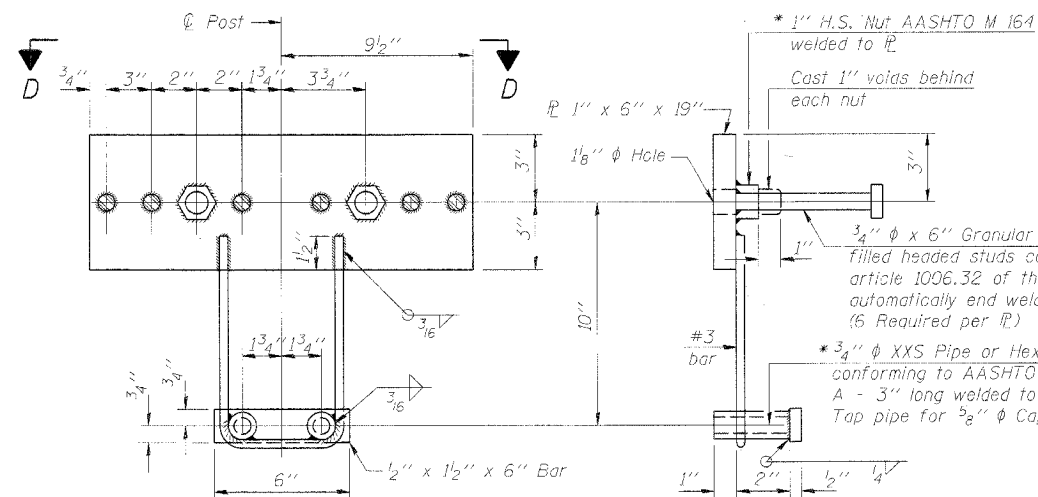
SECTION AT
RAIL SPLICE



VIEW E-E

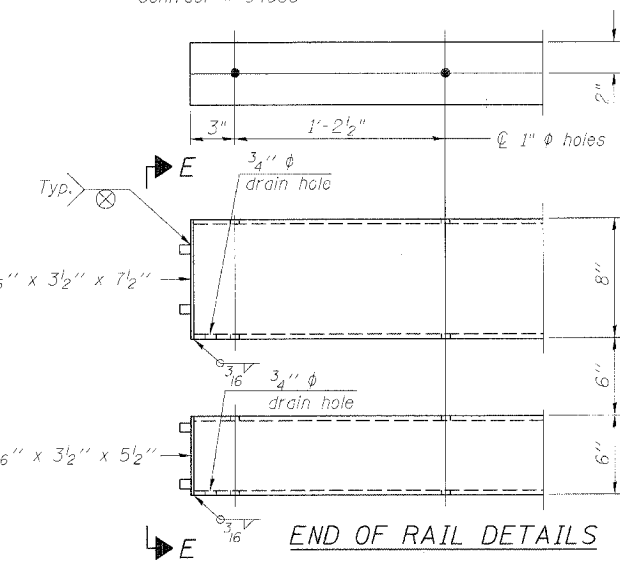


VIEW D-D



ANCHOR DEVICE

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



END OF RAIL DETAILS

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 Bridge Rail, Type SM.
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.

(6'-3" Maximum Post Spacing) (5" minimum to 7 1/8" maximum CWS thickness)

BILL OF MATERIAL

Item	Unit	Quantity
Steel Bridge Railing, Type SM	Foot	270

STEEL RAILING, TYPE SM
US 51 / HICKORY CREEK
F.A.P. ROUTE 322
FAYETTE COUNTY
SN 026-0037

DESIGNED MBH	200
CHECKED NRF	EXAMINED
DRAWN MBH	PASSED
CHECKED NRF	ENGINEER OF BRIDGE DESIGN
	ENGINEER OF BRIDGES AND STRUCTURES