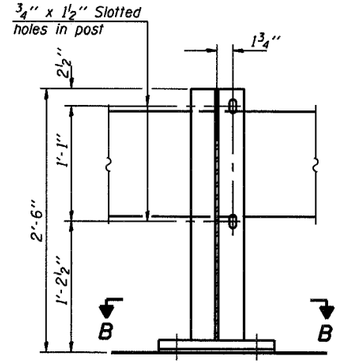
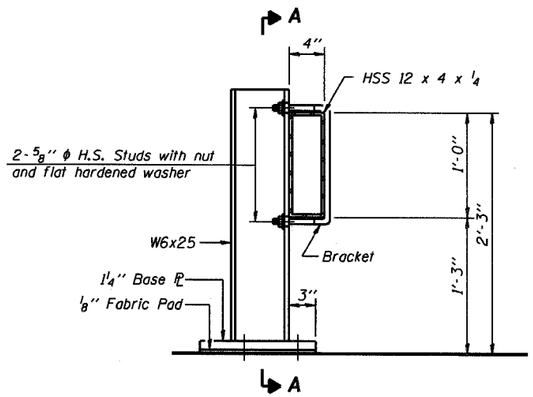


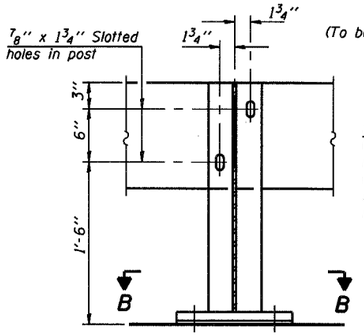
SECTION A-A



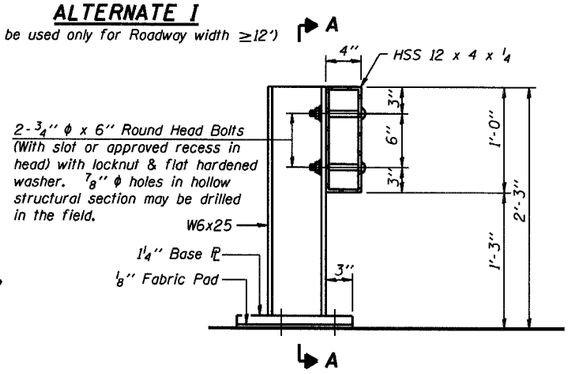
SECTION AT RAIL POST

ALTERNATE I

(To be used only for Roadway width ≥12')

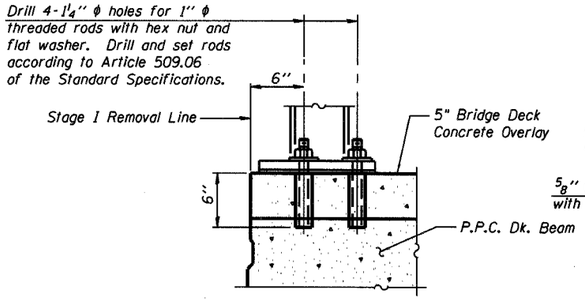


SECTION A-A

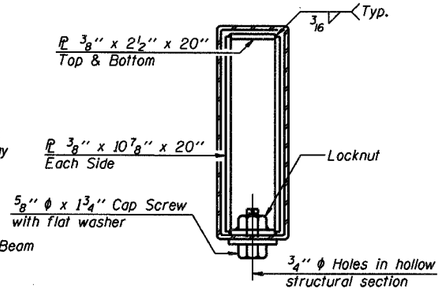


SECTION AT RAIL POST

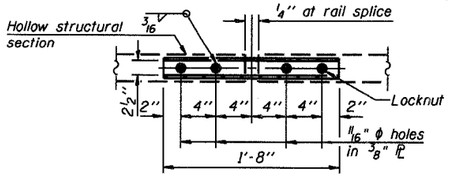
ALTERNATE II



ANCHORAGE DETAILS



SECTION AT RAIL SPLICE



PLAN-BOTT. SPLICE PL TYPICAL

MODJESKI and MASTERS
Consulting Engineers
SINCE 1893

DESIGNED	RLM
CHECKED	MEL
DRAWN	AEC
CHECKED	RLM

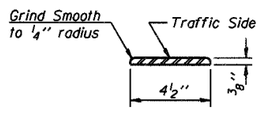
10/04/07

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

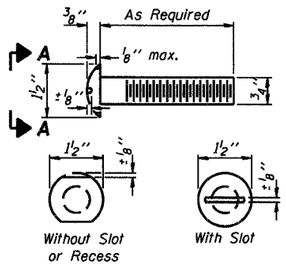
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 778	3BR-1	HARDIN	69	15
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 5
14 SHEETS

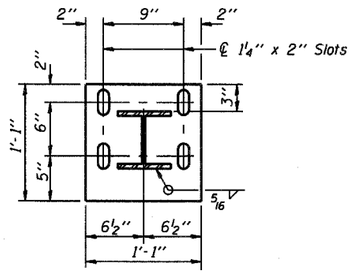
Contract #78023



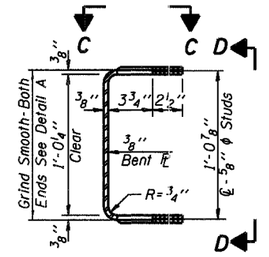
DETAIL A



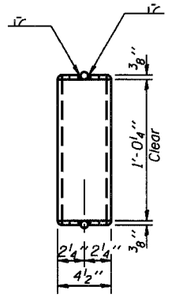
VIEW A-A ROUND HEAD BOLT



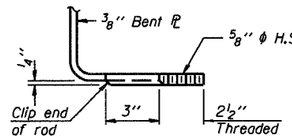
SECTION B-B



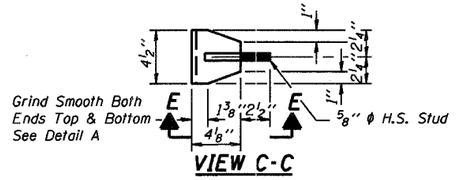
SECTION THRU BRACKET



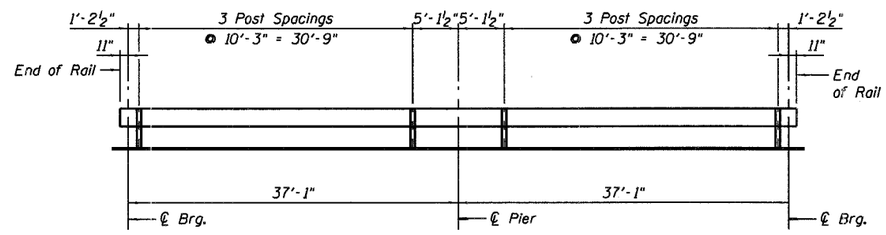
VIEW D-D



VIEW E-E

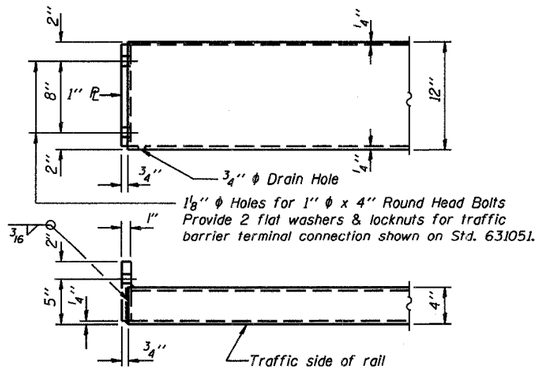


VIEW C-C



TEMPORARY BRIDGE RAIL POST SPACING

(10'-9" Maximum Post Spacing)



END OF RAIL DETAILS

BILL OF MATERIAL

Item	Unit	Quantity
Steel Railing (Temporary)	Foot	76

Notes:

Temporary steel railing shall be according to Section 509 of the Standard Specifications and will be paid for at the contract unit price per foot for Steel Railing (Temporary).

The contact surfaces between post flange, rail and inside face of bracket for Alternate I shall be free of all lubricants.

The nut for 5/8" ϕ high strength studs used in Alternate I to connect bracket to post shall be tightened to a snug fit and given an additional one half turn.

STEEL RAILING (TEMPORARY) FOR STAGE CONSTRUCTION ILL. ROUTE 34 OVER PINHOOK CREEK F.A.P. ROUTE 778 SECTION 3BR-1 HARDIN COUNTY STATION 806+15.00 STRUCTURE 035-0005