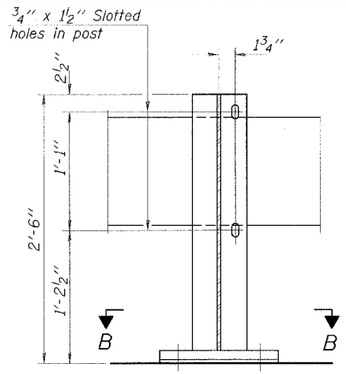
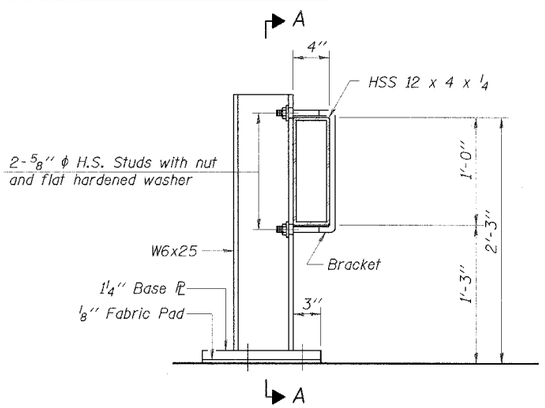
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
853	6B-1	FRANKLIN	44	31
STA.	TO STA.			
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

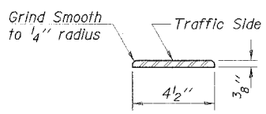
Contract #98645 SHEET 5 OF 18



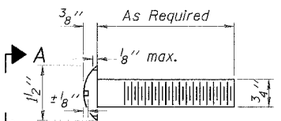
SECTION A-A

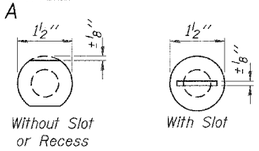


SECTION AT RAIL POST

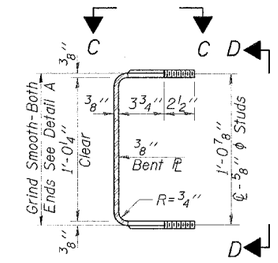


DETAIL A

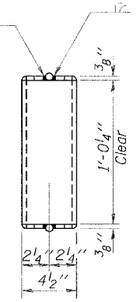




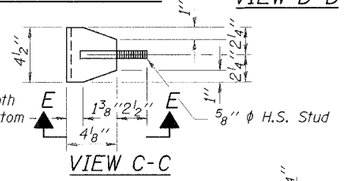
VIEW A-A
ROUND HEAD BOLT



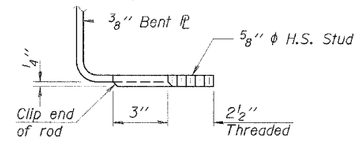
SECTION THRU BRACKET



VIEW D-D

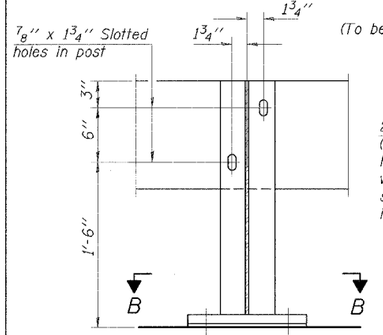


VIEW C-C



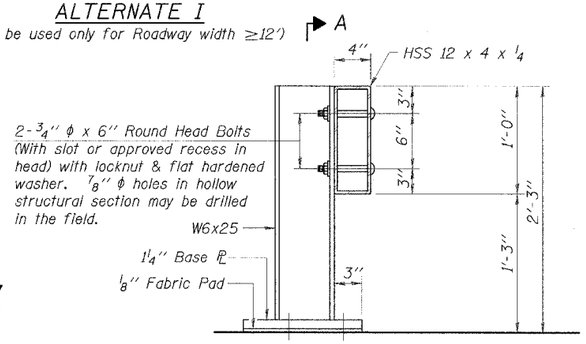
VIEW E-E

Notes:
See Rail Post spacing detail this sheet.
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.

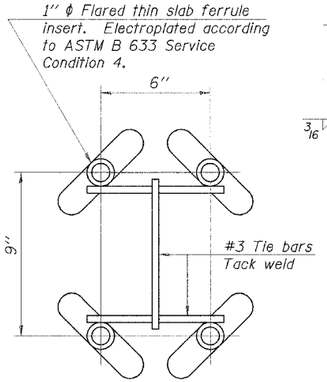


SECTION A-A

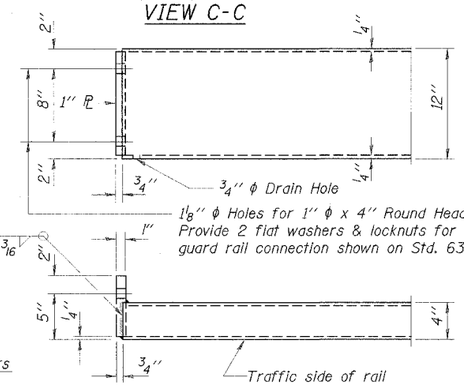
ALTERNATE I
(To be used only for Roadway width ≥12')



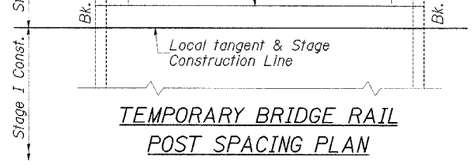
SECTION AT RAIL POST



INSERT DETAIL

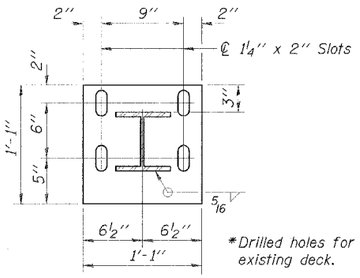


END OF RAIL DETAILS

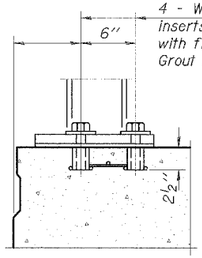


TEMPORARY BRIDGE RAIL POST SPACING PLAN

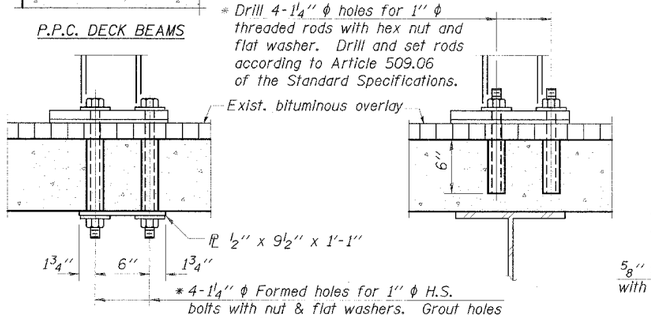
ALTERNATE II



SECTION B-B

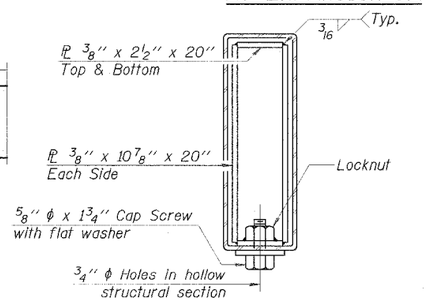


P.P.C. DECK BEAMS

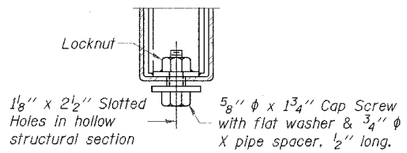


NEW & EXISTING DECKS

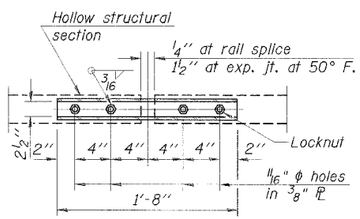
ANCHORAGE DETAILS



SECTION AT RAIL SPLICE



RAIL SPLICE CONNECTION AT EXPANSION JT.



PLAN-BOTT. SPLICE PL TYPICAL

BILL OF MATERIAL

Item	Unit	Quantity
Steel Railing (Temporary)	Foot	30

REVISIONS NAME	DATE

CMT
CRAWFORD MURPHY & TILLY, INC.
CONSULTING ENGINEERS
SPRINGFIELD, IL ■ AURORA, IL ■ ST. LOUIS, MO
ROCKFORD, IL ■ PEORIA, IL ■ CHICAGO, IL

ILLINOIS DEPARTMENT OF TRANSPORTATION
TEMPORARY BRIDGE RAIL DETAILS
F.A.P. ROUTE 853 (IL. RTE. 14)
ILLINOIS ROUTE 14 OVER
DRUMMOND BRANCH
SECTION 6B-1 STA. 149+71.25
STR. NO. 028-0075 - FRANKLIN COUNTY
SCALE: NONE DRAWN BY: GLD
DATE: 6/6/07 CHECKED BY: WLB

R-25 11-1-06 (10'-9" Maximum Post Spacing)

L:\NDOT\060690\SR-028075\dgn\sheets\TEMP BRIDGE Rail R-25.dgn
6/5/2007