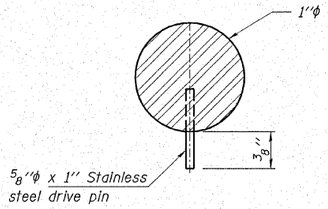
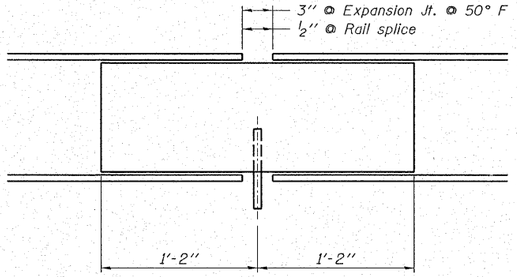
CONTRACT NO. 95526

ROUTE NO.	SECTION	CITY	TOTAL SHEETS	SHEET NO.
F.A.U. 8694	06-00045 -00-BR	FAIRFIELD	15	14
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT-	



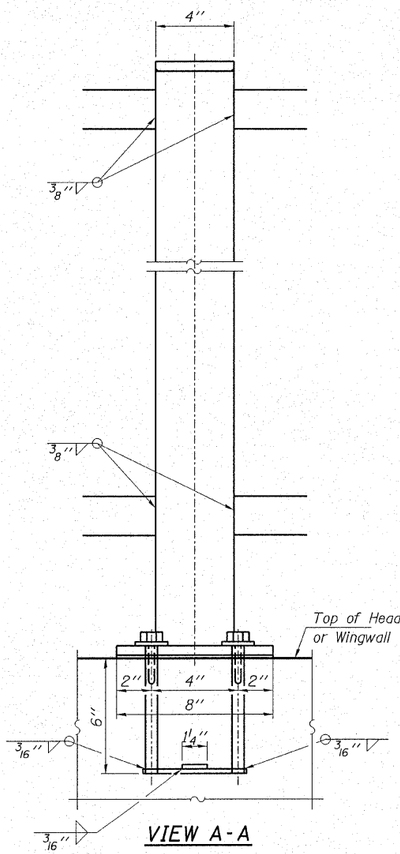
TOP & BOTTOM RAIL SPLICE BAR



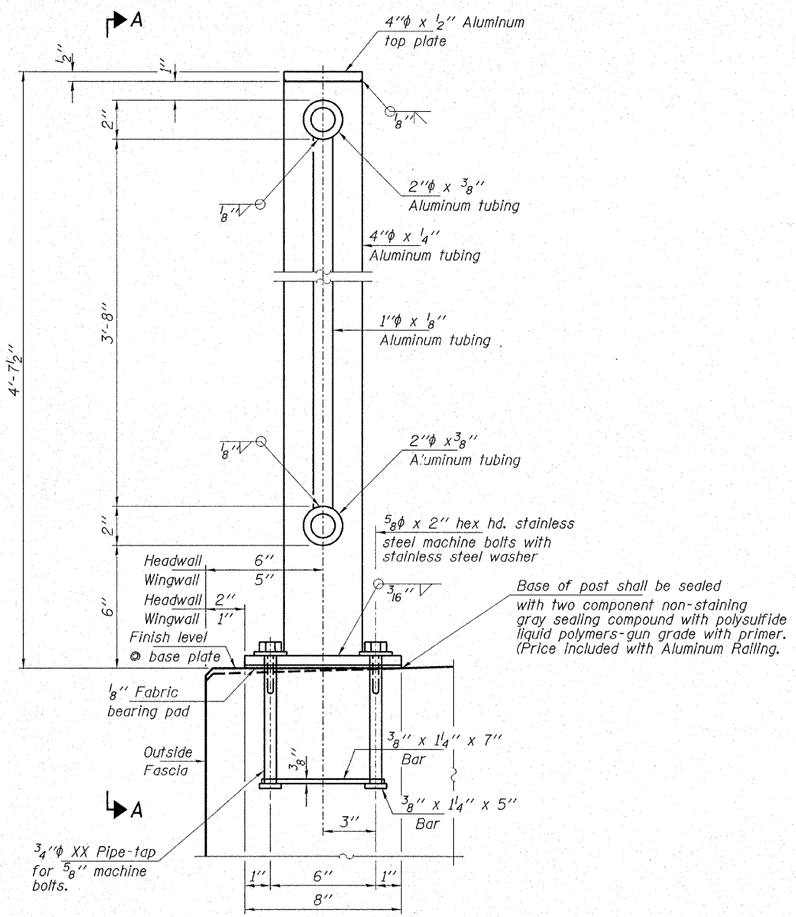
RAIL SPLICE

NOTES

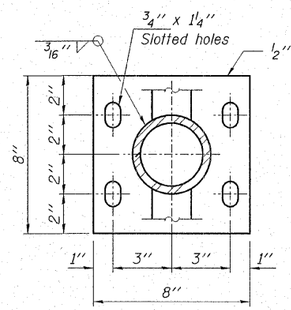
All Posts shall be vertical.
All Aluminum Alloy Extruded Rail shall be supplied in modular lengths of 30 foot, except at the end of the culvert or over open wingwall joints where the rail shall be attached to a minimum of 2 posts.
All joints in rail shall be spliced per detail.
Provide 1-1/8" and 2-1/16" Aluminum Shims for 25% of the Posts. Rail elements shall be parallel to Grade-high spots will be ground and low spots shimmed.
Railing shall be in accordance with Section 509 of the Standard Specifications, except as noted, and will be paid for at the contract unit price per foot for ALUMINUM RAILING.
Aluminum alloy rail shall conform to ASTM B221 alloy 6061-T6 or 6351-T5 with min. yield 35,000 psi, min. tensile 38,000 psi, and elongation of 10% in 2".
Drilled and grouted anchor bolts may be substituted for the rail anchorage assembly. The anchor bolts shall be approved by the engineer.



VIEW A-A



SECTION AT RAIL POST



BASE PLATE

Note: All wingwall and headwall elevations shall be field verified before fabrication.

HAMPTON, LENZINI & RENWICK, INC.
CIVIL & STRUCTURAL ENGINEERS
LAND SURVEYORS
3085 STEVENSON DRIVE, SUITE 201
SPRINGFIELD, ILLINOIS 62703
(217) 546-3400
HLR
ELGIN • SPRINGFIELD

PROJECT NUMBER: 12-97-0008-i	DATE: 03/20/07
DESIGNED: S.M.S.	CHECKED: S.W.M.	DRAWN: D.A.B.

RAILING DETAILS

SECTION 06-00045-00-BR
CITY OF FAIRFIELD
F.A.U. 8694 / WASHINGTON STREET
STRUCTURE NO. 096-6011 / STATION 3+34