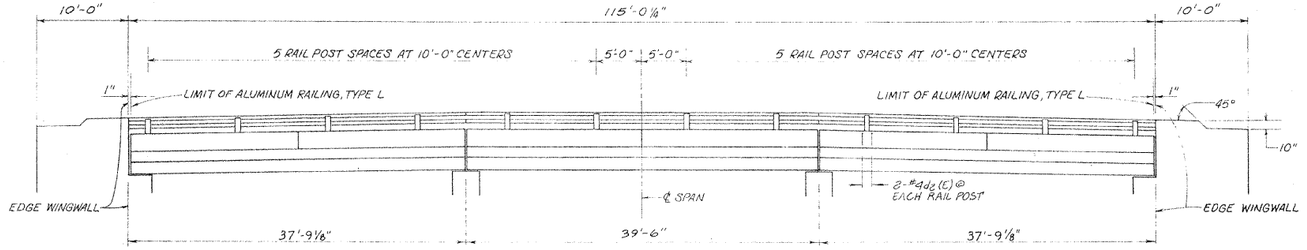
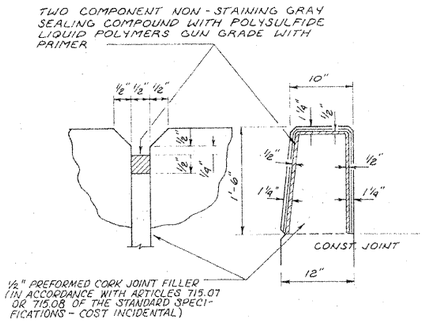
00115-24

Contract 63601
Sheet G2

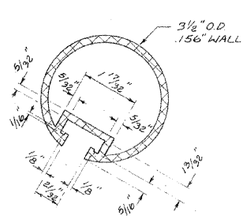
RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 2051	76-00046-00-GS	DUPAGE	36	24
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT MS-3003(100)		



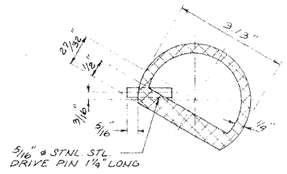
RAILING ELEVATION



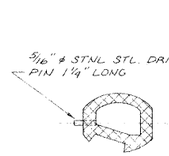
PARAPET JOINT DETAIL



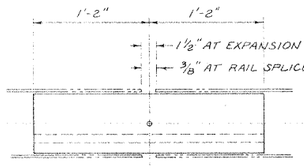
SECTION THRU TOP RAIL



SECTION THRU SPLICE
TOP RAIL

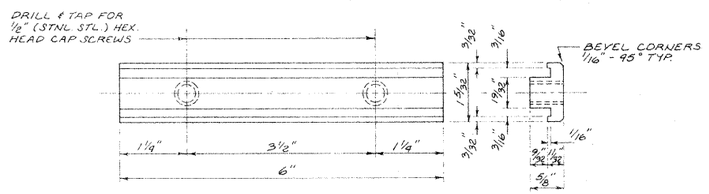


BOTTOM RAIL

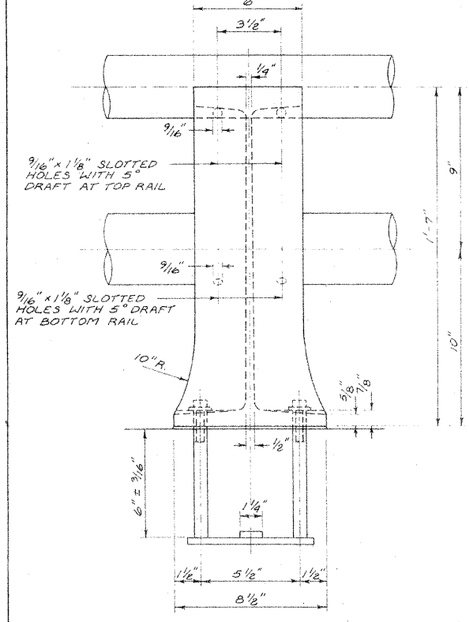


RAIL SPLICE

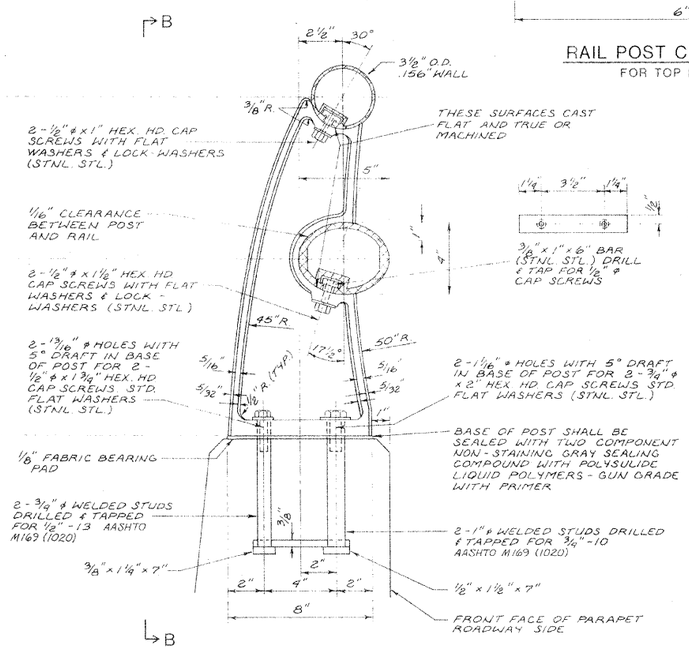
TOP RAIL



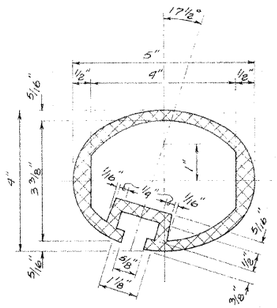
RAIL POST CLAMP BAR
FOR TOP RAIL



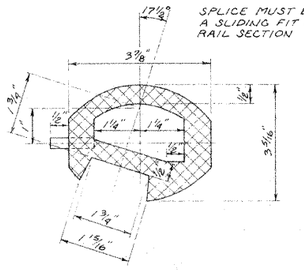
VIEW B-B



SECTION A-A
ALSO AT WINGWALL



SEC. THRU ELLIPTICAL
RAIL SECTION



SECTION THRU SPLICE

RAIL POST DETAILS

BILL OF MATERIAL

ITEM	UNIT	QUANT.
ALUMINUM RAILING, TYPE L	LIN. FT.	230

GENERAL NOTES

All posts shall be normal to parapet.

All aluminum alloy extruded rail shall be supplied in modular lengths of 30 feet, except at the end of bridge or over open joints in bridge deck where the rail shall be attached to a minimum of 2 posts. If the rail is on a horizontal curve of 2300 foot radius or less, the modular lengths may be reduced but 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 shall be ground and low spots shimed.

Aluminum alloy rail shall conform to ASTM B221 Alloy 6061-T6 or 6351-T5 with minimum yield 35 KSI, minimum tensile 38 KSI, and elongation of 10% in 2 inches.

Railing shall be in accordance with Section 508 of the Standard Specifications, except as noted, and shall be paid for at the contract unit price per lineal foot for Aluminum Railing, Type L.

REVISIONS	
NAME	DATE
D.C.N.	1-30-78
Added	7-21-11

ILLINOIS DIVISION OF HIGHWAYS

HANDRAIL DETAILS

ARDMORE AVENUE BRIDGE

SCALE: NONE DRAWN BY: D.C.N.

DATE: 12-22-77 CHECKED BY: G.A.S.

00115-24