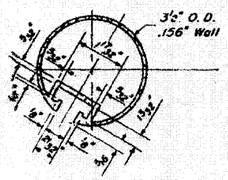
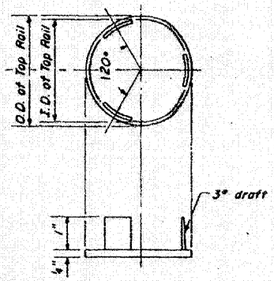
FOR INFORMATION ONLY

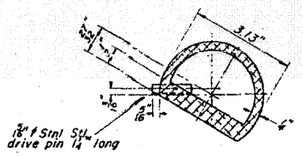
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I.-64	82-1HB	ST. CLAIR	110	64
FED. ROAD DIV. NO. 4	ILLINOIS	PROJECT		



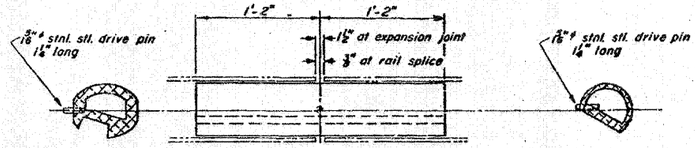
SECTION THRU TOP RAIL



CAST END CAP
For Top Rail
12 Required



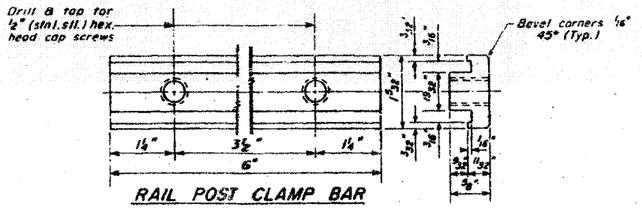
SECTION THRU SPLICE
TOP RAIL



BOTTOM RAIL

RAIL SPLICE

TOP RAIL



RAIL POST CLAMP BAR
For Top Rail

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.

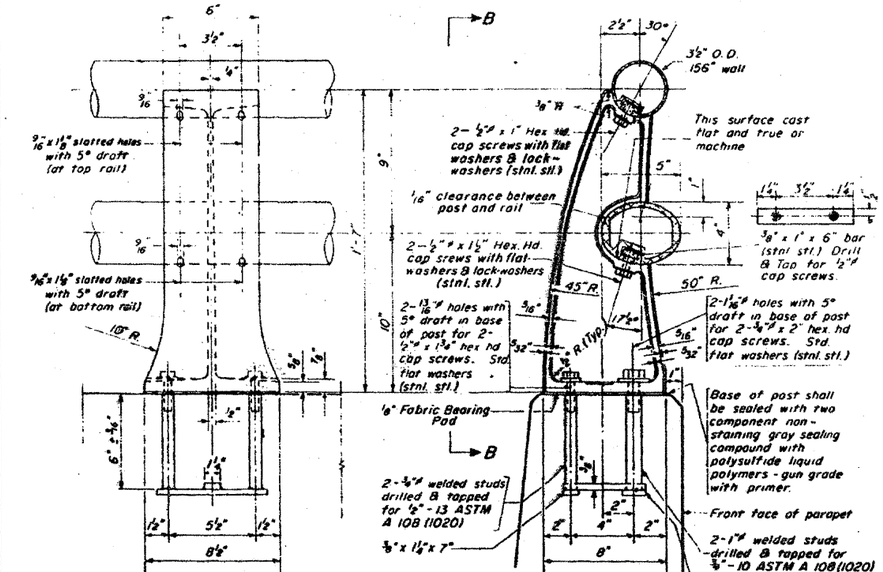
METHOD of MEASUREMENT: Aluminum railing shall be measured in lineal feet. The length paid for shall be the over all length along the top longitudinal railing member thru all posts and gaps.

BASIS of PAYMENT: Aluminum railing shall be paid for at the contract unit price per lineal foot for ALUMINUM RAILING TYPE L measured as specified, in accordance with Section 508 of the Standard Specifications, except as noted.

Cost of rail splice, end caps, and hardware to be incidental to item ALUMINUM RAILING TYPE L.

Provide 1-⅛" 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 shimmed.

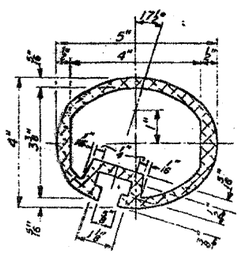
Aluminum alloy rail shall conform to ASTM B 221 alloy 6061-T6 or 6351-T5 with min. yield 35 ksi, min. tensile 38 ksi, and elongation of 10 % in 2 inches.



VIEW B-B

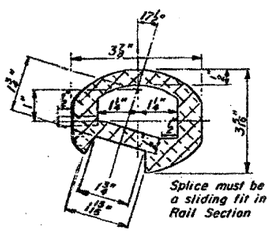
SECTION A-A

RAIL POST DETAILS



SEC. THRU ELLIPTICAL RAIL SECTION

CAST END CAP
For Bottom Rail
DRIVE FIT TYPE
12 Required



Splice must be a sliding fit in Rail Section

SEC. THRU SPLICE

BILL OF MATERIAL

Item	Unit	Quantity
ALUMINUM RAILING TYPE L	Lin. Ft.	487

DESIGNED BY H.N.
DRAWN BY B.B.
CHECKED BY V.B.

STATE OF ILLINOIS
DIVISION OF HIGHWAYS
ALUMINUM RAILING
F.A. ROUTE 12 (9TH STREET)
OVER F.A.I. ROUTE 64
STATION 55 + 62.20
F.A.I. RT 64 ST. CLAIR COUNTY SECTION 82-1HB

H. W. LOCHNER, INC
ENGINEERS
CHICAGO ILLINOIS

SHEET 7 OF 18

FILE NAME = D8Tri-002-0326-sht-pln07.dgn	USER NAME = moronik	DESIGNED		REVISED -
		DRAWN	PP	REVISED -
	PLOT SCALE = 400.000 ' / ft.	CHECKED	AB	REVISED -
	PLOT DATE = MAR. 31, 2011	DATE	03/31/2011	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING BRIDGE PLAN - 9TH STREET

SCALE: NONE | SHEET NO. 7 OF 19 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	82-1-3HB, 82-2N, 82-1-12RS	ST. CLAIR	352	268
•	9166/9180/9213/9214	CONTRACT NO. 76C51		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		