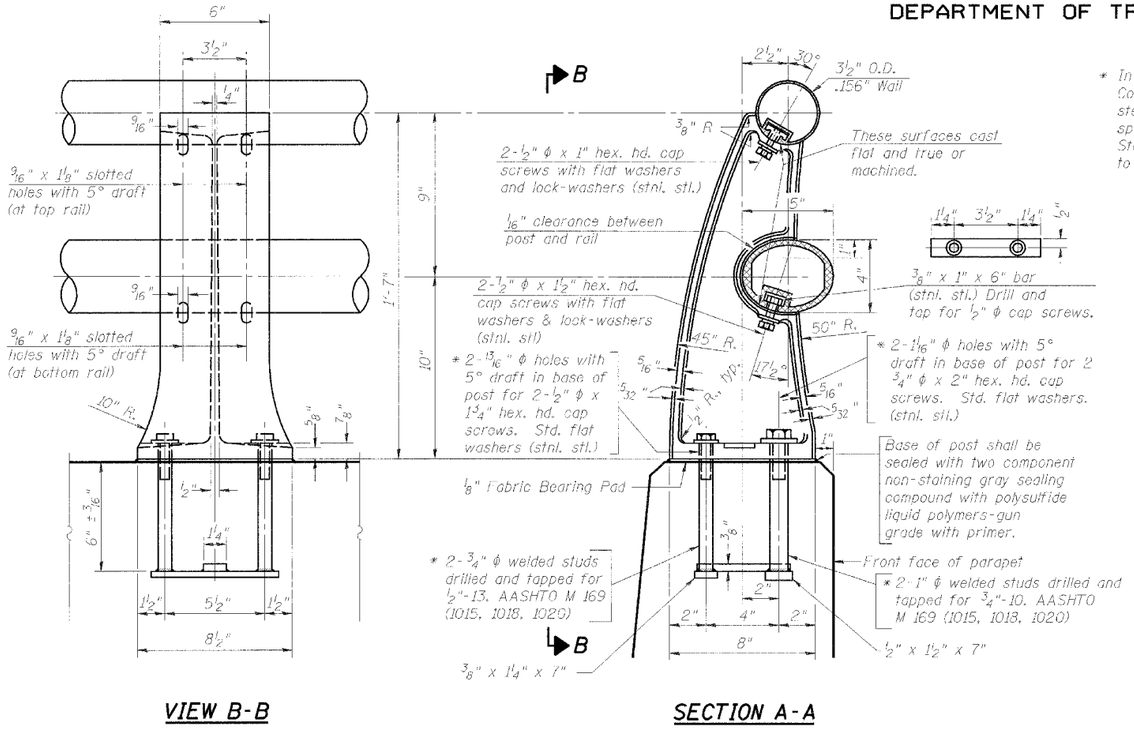
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3887	AR-B	KANE	43	30
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 14
16 SHEETS

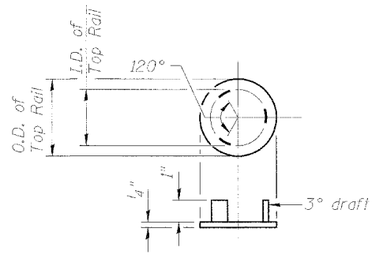
Contract #60C23



VIEW B-B

SECTION A-A

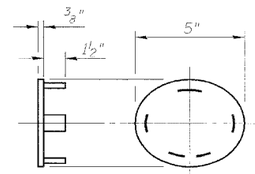
* In lieu of the cast-in-place anchor device shown, the Contractor has the option of drilling and setting stainless steel anchor rods of the same diameter and grade as the specified cap screws according to Article 509.06 of the Standard Specifications. Embedment shall be according to the manufacturer's specifications.



NEW CAST END CAP

Included in cost of Removing and Re-erecting Existing Railing

For Top Rail (4 Required)

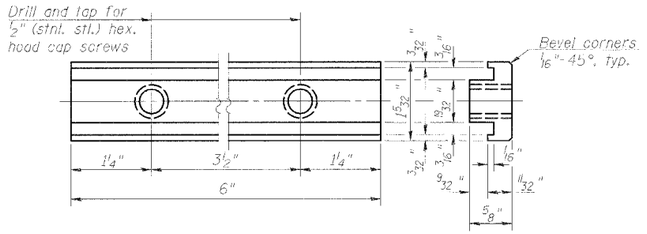


NEW CAST END CAP

Included in cost of Removing and Re-erecting Existing Railing

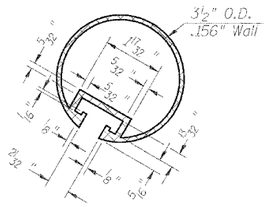
For Bottom Rail DRIVE FIT TYPE (1 Required)

RAIL POST DETAILS

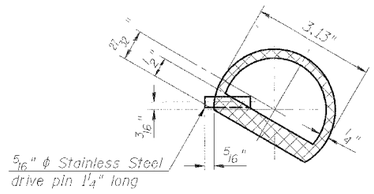


RAIL POST CLAMP BAR

For Top Rail

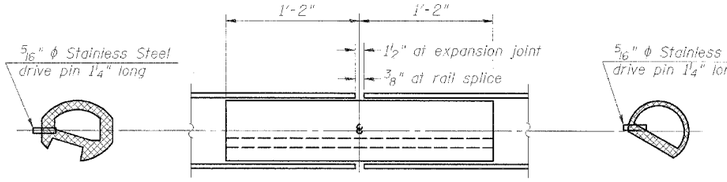


SECTION THRU TOP RAIL

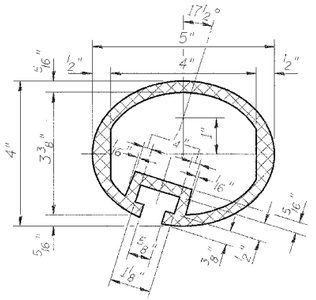


SECTION THRU SPLICE

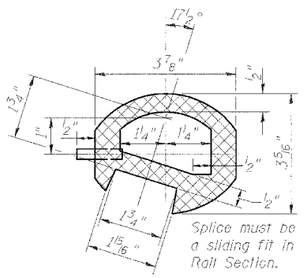
For Top Rail



RAIL SPLICE



SEC. THRU ELLIPTICAL RAIL SECTION



SEC. THRU SPLICE

BILL OF MATERIAL

Item	Unit	Quantity
Removing and Re-erecting Existing Railing	Foot	59

Notes:

1. All Posts shall be normal to parapet.
2. All joints in rail shall be spliced per detail.
3. Provide 1-⅛" 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.
4. Details shown here are for replacement component information and remounting existing railing. Provide any unserviceable existing component to the material and dimension specifications as indicated on this sheet.
5. See Sht. 11 of 16 for Rail Post Spacing.

DESIGNED	LLV
CHECKED	DDB
DRAWN	MGM
CHECKED	LLV

(7'-0" to 10'-0" Post spacing)

RE-ERECTED ALUMINUM RAILING
F.A.U. 3887 (IL 31)
OVER MILL CREEK
SECTION AR-B
KANE COUNTY STA. 187+31.80
STRUCTURE NO. 045-0020

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IL Design Firm Reg. No. 184-001518