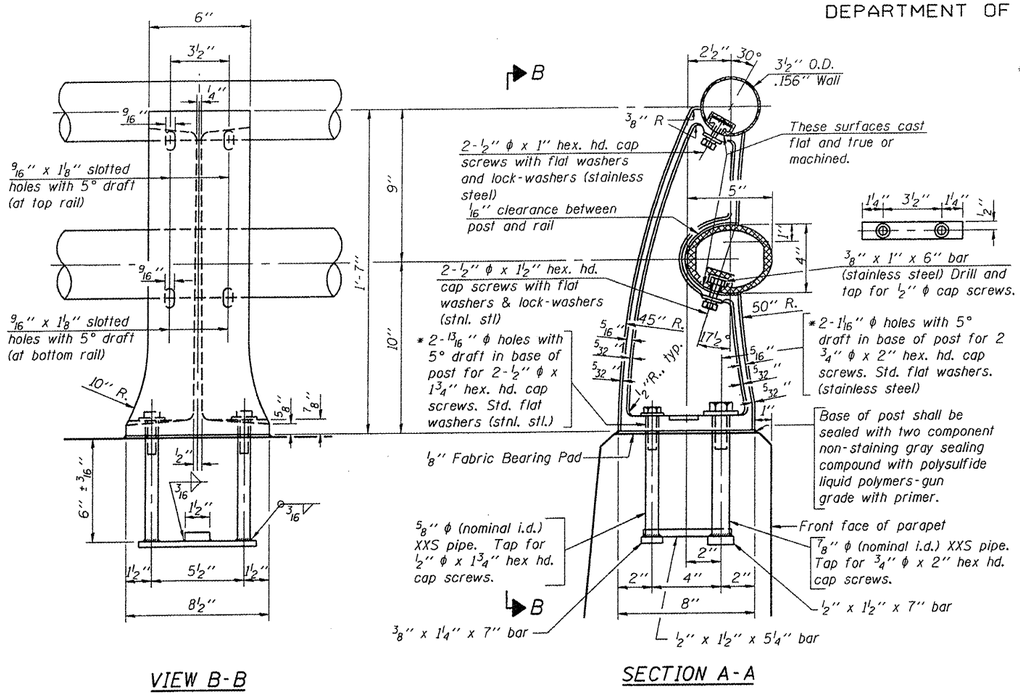
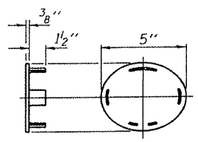
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



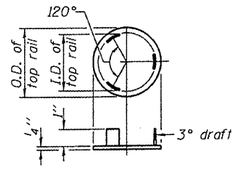
VIEW B-B

SECTION A-A

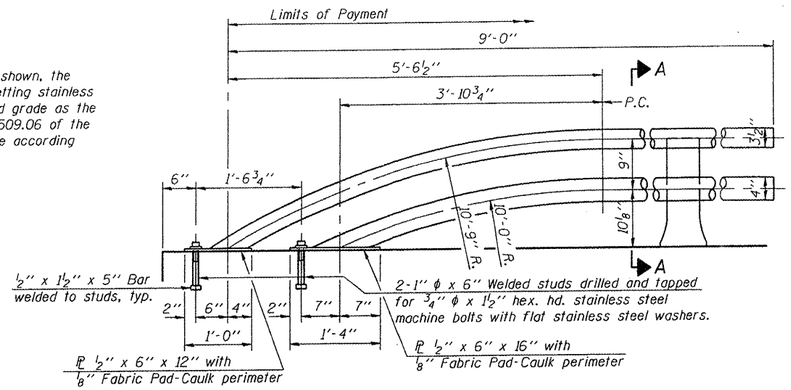
* *In lieu of the cast-in-place anchor device shown, the Contractor has the option of drilling and setting stainless steel anchor rods of the same diameter and grade as the specified cap screws according to Article 509.06 of the Standard Specifications. Embedment shall be according to the manufacturer's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

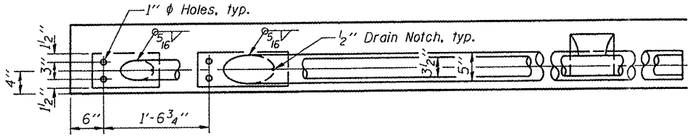


CAST END CAP
For bottom rail
DRIVE FIT TYPE



CAST END CAP
For top rail

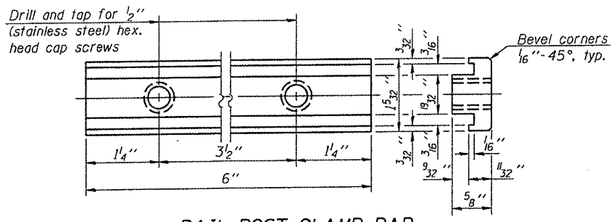




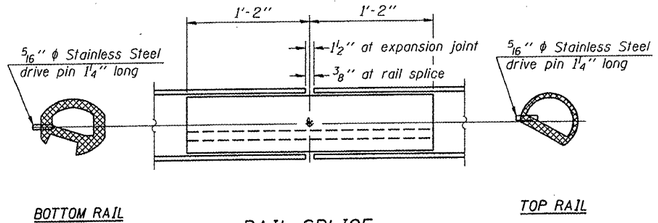
RAIL TERMINAL SECTION

Note:
The end rail post shall be set back as required for the terminal rail section.

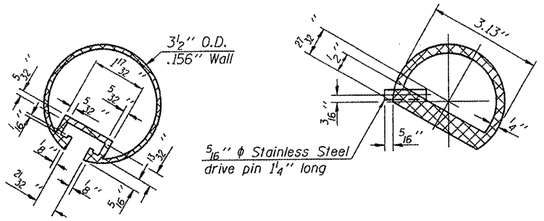
RAIL POST DETAILS



RAIL POST CLAMP BAR
For Top Rail

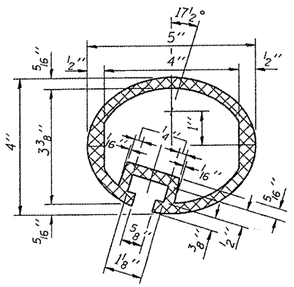


RAIL SPLICE

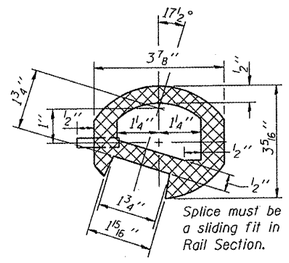


SECTION THRU TOP RAIL

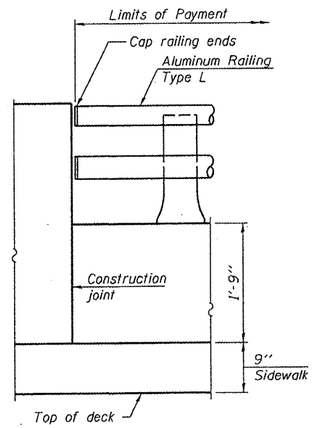
SECTION THRU SPLICE
For Top Rail



SEC. THRU ELLIPTICAL RAIL SECTION



SEC. THRU SPLICE



RAIL END TREATMENT FOR TYPE 5 AND 6 TERMINAL

BILL OF MATERIAL

Item	Unit	Quantity
Aluminum Railing, Type L	Foot	145

Notes:
All Posts shall be normal to parapet.
All joints in rail shall be spliced per detail.
All exposed rail ends shall be capped per detail.
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.
See sheet 8 of 31 for rail post spacing.

ALUMINUM RAILING, TYPE L
STRUCTURE NO. 082-6113

SHEET NO. 13	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
31 SHEETS	9274	04-00202-00-BR	ST. CLAIR	55	30
			CONTRACT NO. 97369		
	FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

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Consulting Engineers
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Collinsville, Illinois 62234
618-345-2200
Design Firm License No. 184.001115

DESIGNED -
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DRAWN -
CHECKED -