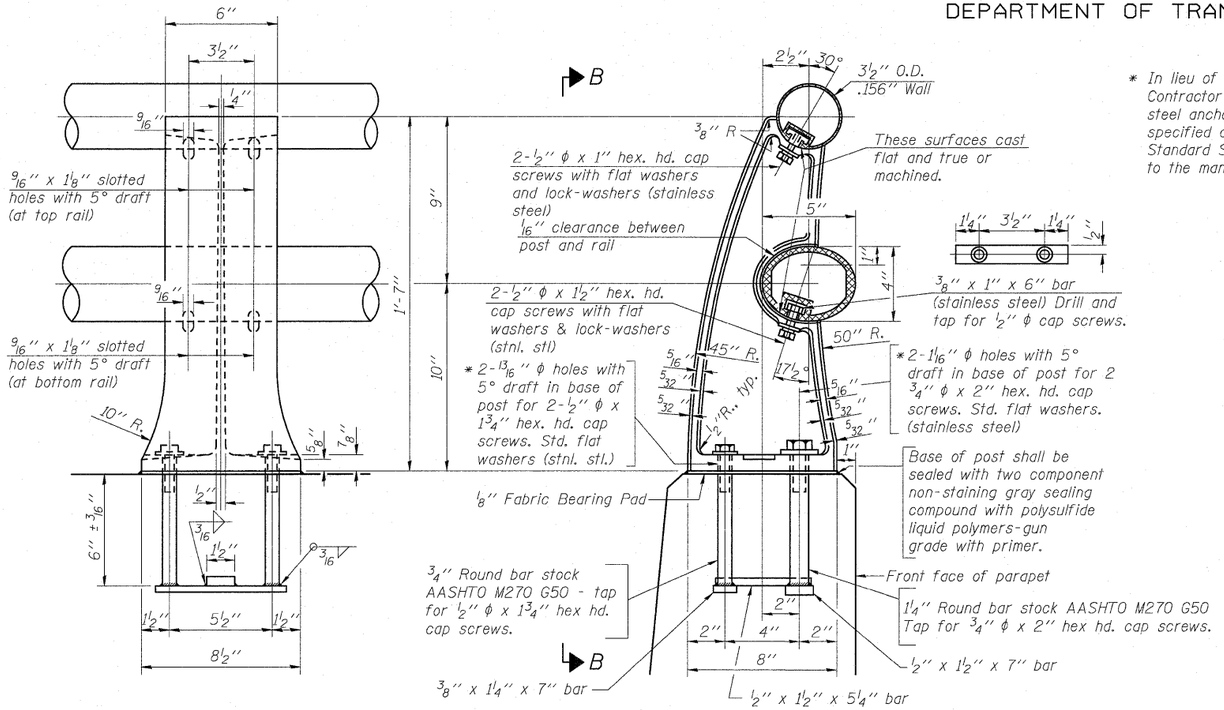
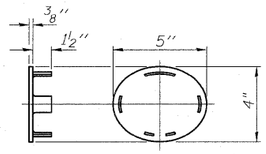
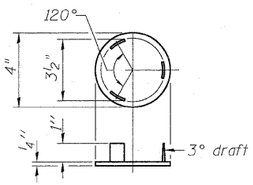
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



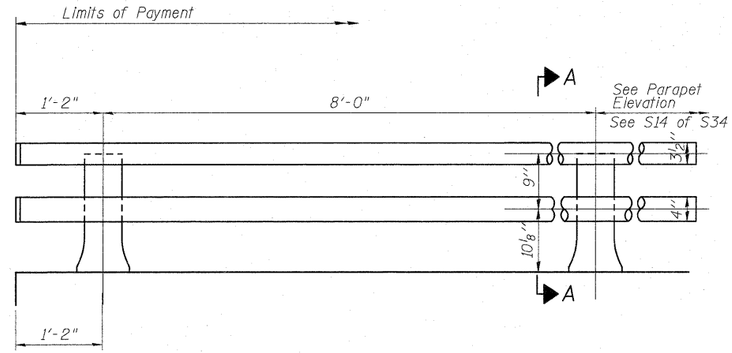
* In lieu of the cast-in-place anchor device shown, the Contractor has the option of drilling and setting stainless steel anchor rods of the same diameter and grade as the specified cap screws according to Article 509.06 of the Standard Specifications. Embedment shall be according to the manufacturer's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

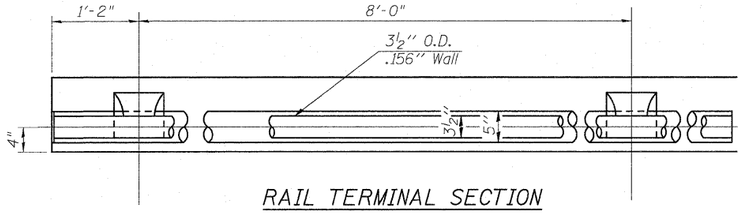


CAST END CAP
For bottom rail
DRIVE FIT TYPE



CAST END CAP
For top rail



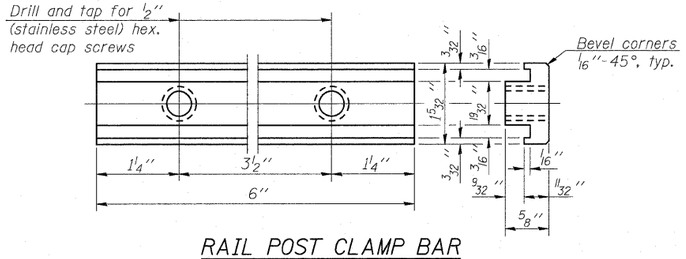


RAIL TERMINAL SECTION

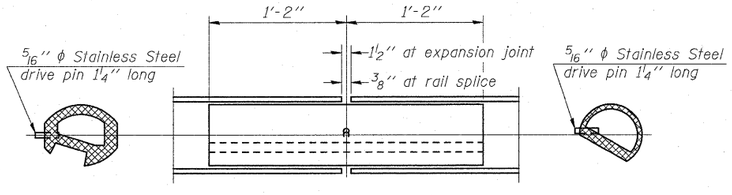
VIEW B-B

SECTION A-A

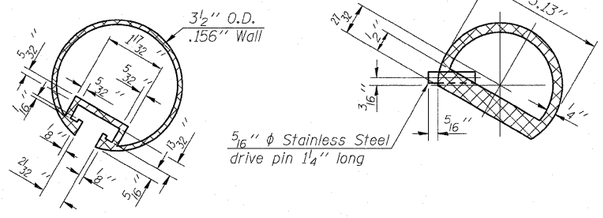
RAIL POST DETAILS



RAIL POST CLAMP BAR
For Top Rail



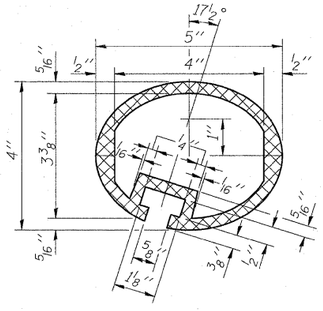
RAIL SPLICE



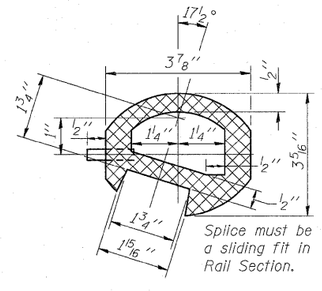
SECTION THRU TOP RAIL

5/16" ϕ Stainless Steel drive pin 1¼" long

SECTION THRU SPLICE
For Top Rail

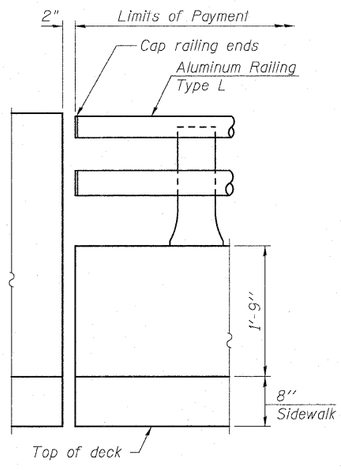


SEC. THRU ELLIPTICAL RAIL SECTION



Splice must be a sliding fit in Rail Section.

SEC. THRU SPLICE



RAIL END TREATMENT FOR TYPE 5 AND 6 TERMINAL

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 S14 of S34 for rail post spacing.

BILL OF MATERIAL

Item	Unit	Quantity
Aluminum Railing, Type L	Foot	509

ALUMINUM RAILING, TYPE L
STRUCTURE NO.016-0519

SHEET NO. S17	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S34 SHEETS	1548	461 (VB&VF) I	COOK	52	29
			CONTRACT NO. 60H65		
	DATE: 06-22-2010	ILLINOIS	FED. AID PROJECT		

DESIGNED	JPM
CHECKED	TG
DRAWN	MPS
CHECKED	JPM, TG

Primera
180 S. WACKER DRIVE SUITE 700 . CHICAGO IL 60606 . P:312-606-9900 F:312-606-9415

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