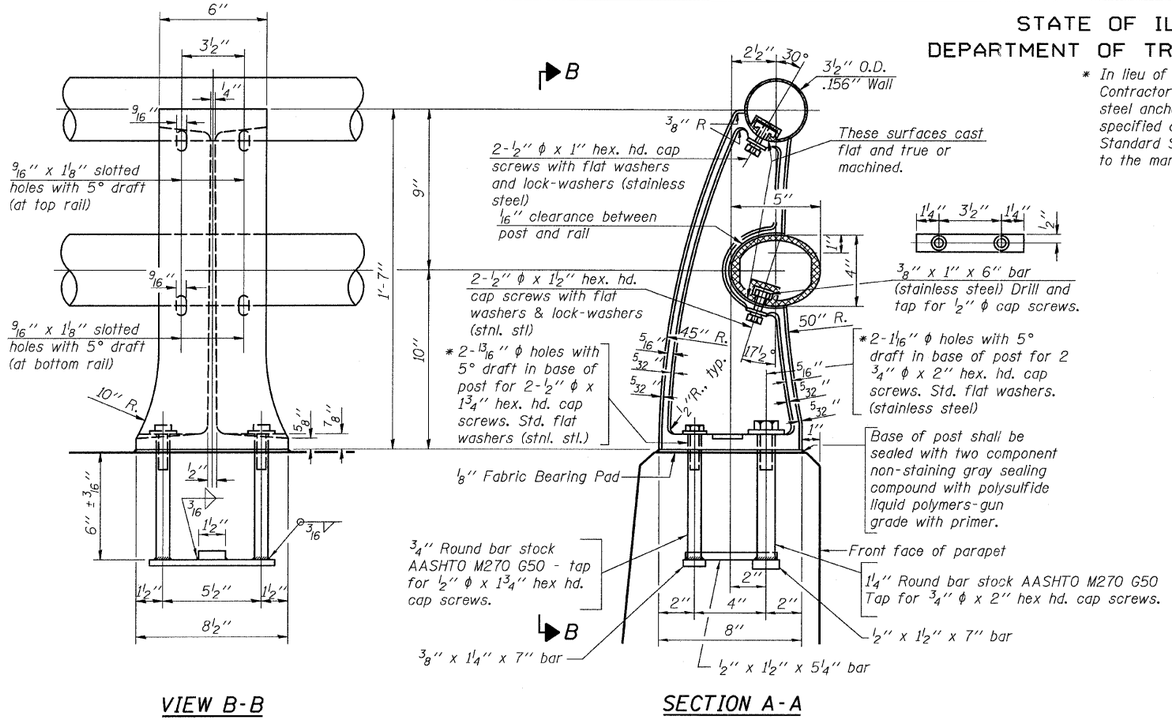
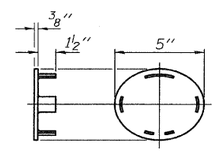
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

* *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.*

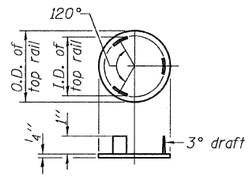


VIEW B-B

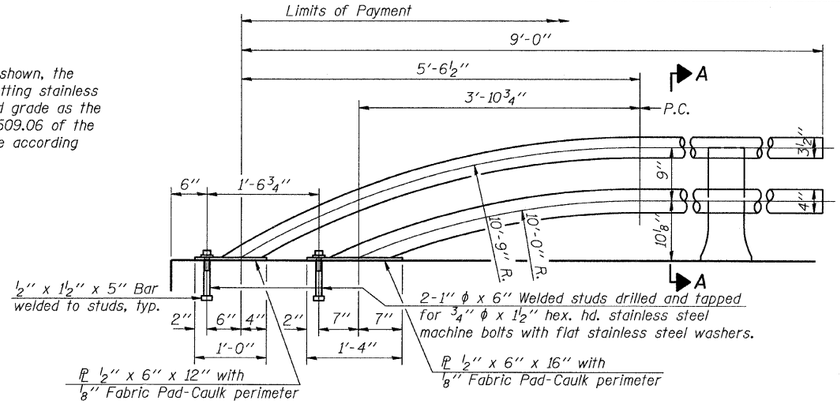
SECTION A-A

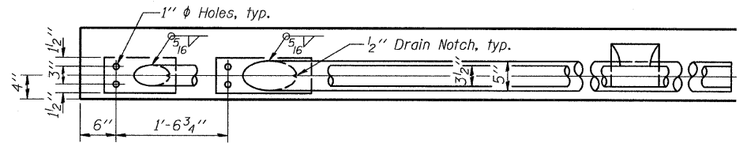


CAST END CAP
For bottom rail
DRIVE FIT TYPE

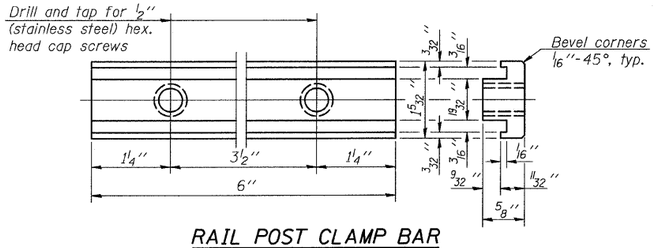


CAST END CAP
For top rail

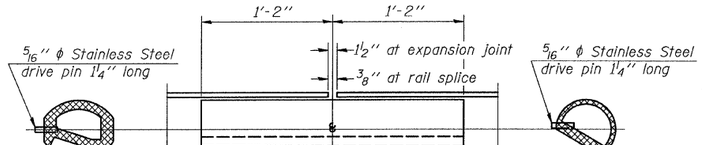




RAIL TERMINAL SECTION



RAIL POST DETAILS

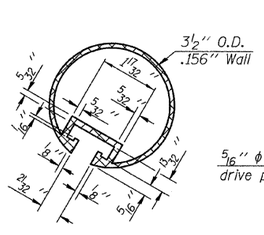


BOTTOM RAIL

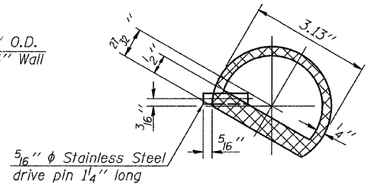
TOP RAIL

RAIL SPLICE

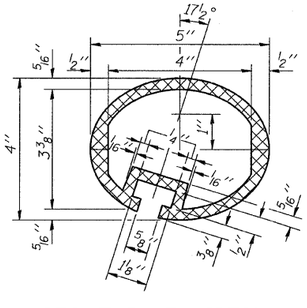
RAIL POST CLAMP BAR
For Top Rail



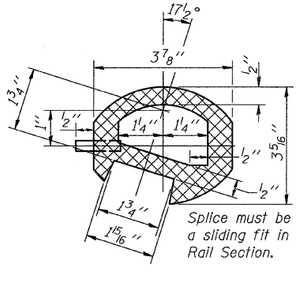
SECTION THRU TOP RAIL



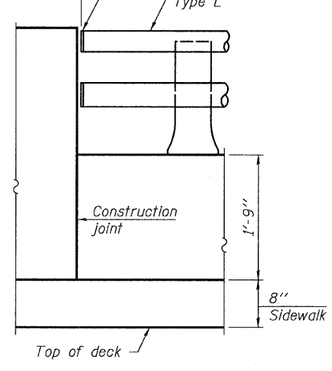
SECTION THRU SPLICE
For Top Rail



SEC. THRU ELLIPTICAL RAIL SECTION



SEC. THRU SPLICE



RAIL END TREATMENT FOR TYPE 5 AND 6 TERMINAL

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

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 26 of 73 for rail post spacing.

BILL OF MATERIAL

Item	Unit	Quantity
Aluminum Railing, Type L	Foot	1,334.3

R-20 11-1-09 (7'-0" to 10'-0" Post spacing)

ALUMINUM RAILING, TYPE L
STRUCTURE NO. 016-3240

TYLIN INTERNATIONAL

		REVISIONS	
DESIGNED	- DY, LS	NAME	DATE
CHECKED	- AMD, LS		
DRAWN	- DY, LS		
CHECKED	- AMD, LS		
DATE	- 03/25/2011		

SHEET NO. 35	F.A.I RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
73 SHEETS	55	0711.2R & 1011.1BR	COOK	741	638
			CONTRACT NO. 60999		
	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

p:\01345\structur\C3 North Approach 016-3240\155c3railing.dgn 2:27:46 PM 4/28/2011

155c3railing.dgn 4/28/2011 2:27:46 PM