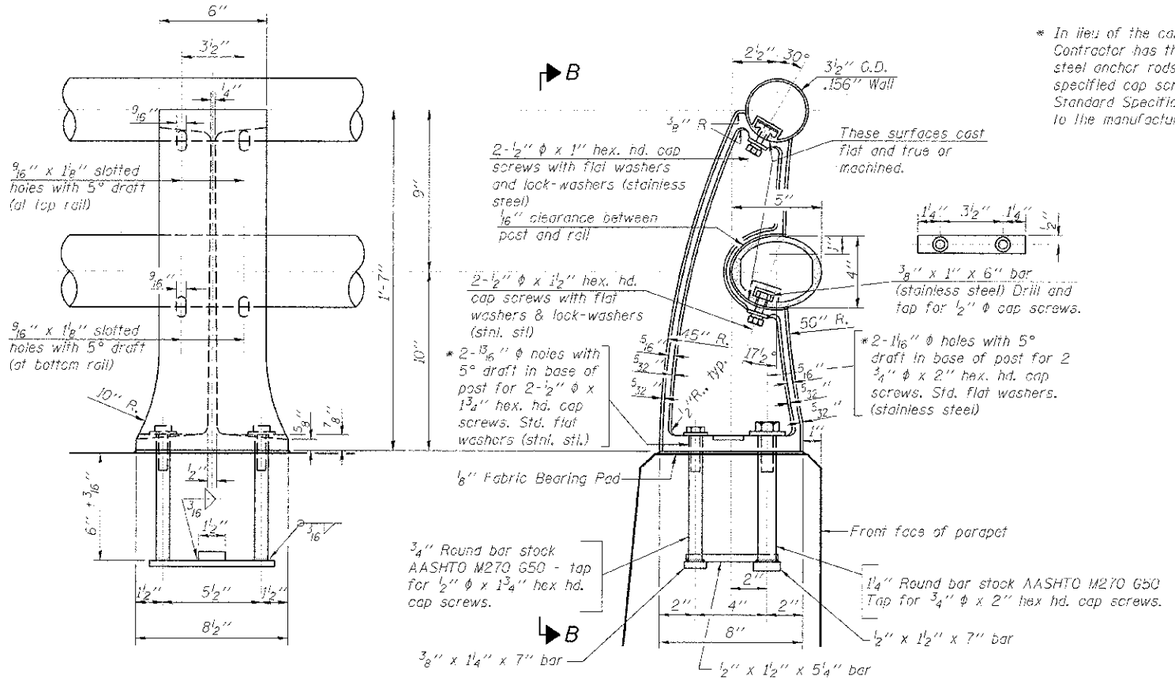
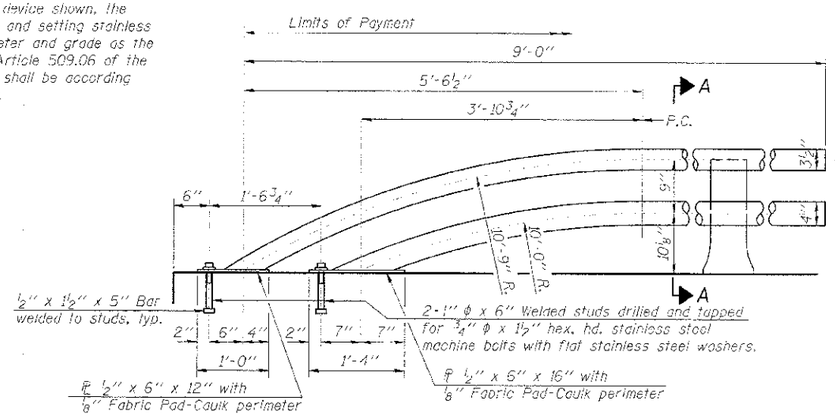
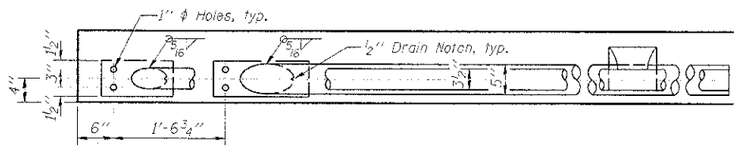


VIEW B-B

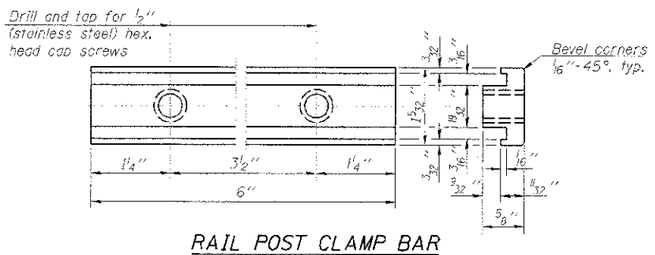
SECTION A-A

* 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.

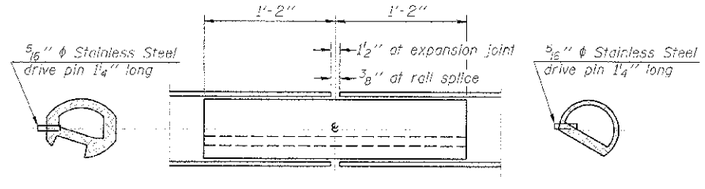




RAIL TERMINAL SECTION



RAIL POST CLAMP BAR
For Top Rail

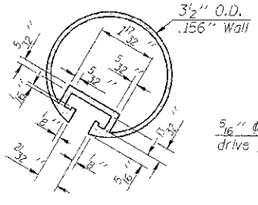


BOTTOM RAIL

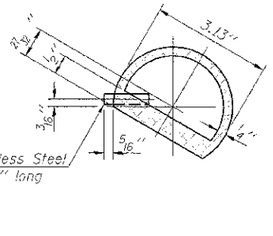
RAIL SPLICE

TOP RAIL

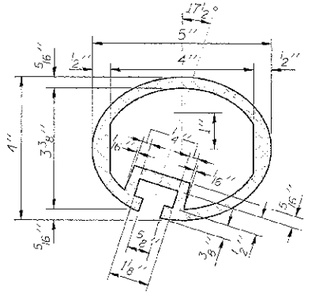
RAIL POST DETAILS



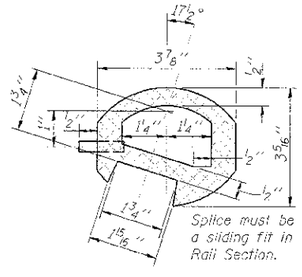
SECTION THRU TOP RAIL



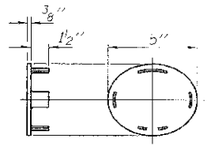
SECTION THRU SPLICE
For Top Rail



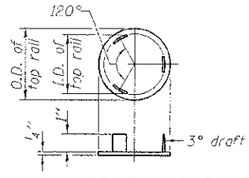
SEC. THRU ELLIPTICAL RAIL SECTION



SEC. THRU SPLICE

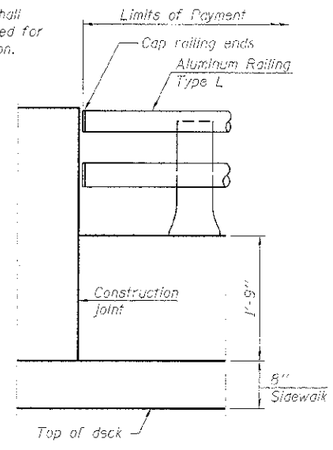


CAST END CAP
For bottom rail
DRIVE FIT TYPE



CAST END CAP
For top rail

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



RAIL END TREATMENT FOR TYPE 5 AND 6 TERMINAL

BILL OF MATERIAL

Item	Unit	Quantity
Aluminum Railing, Type L	Foot	40

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 of for rail post spacing.

R-20 1-27-12 (7'-0" to 10'-0" Post spacing)

FILE NAME = N:\dgn\WF\r4551-WINFIELD-RD-BRIDGE\sheets\WF551roadSections_Details.dgn	USER NAME = USER	DESIGNED - D.R	REVISED - 4/12/13
		DRAWN - G.R	REVISED -
	PLOT SCALE = 1.00 ft / IN.	CHECKED - J.B	REVISED -
	PLOT DATE = 4/5/2013	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALUMINUM RAILING, TYPE L
STRUCTURE NO.

SCALE: | STA. 86+71.54 TO STA. 88+18.46

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2543	10-00045-00-BR	DuPAGE	18	18
		CONTRACT NO. 63812		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		