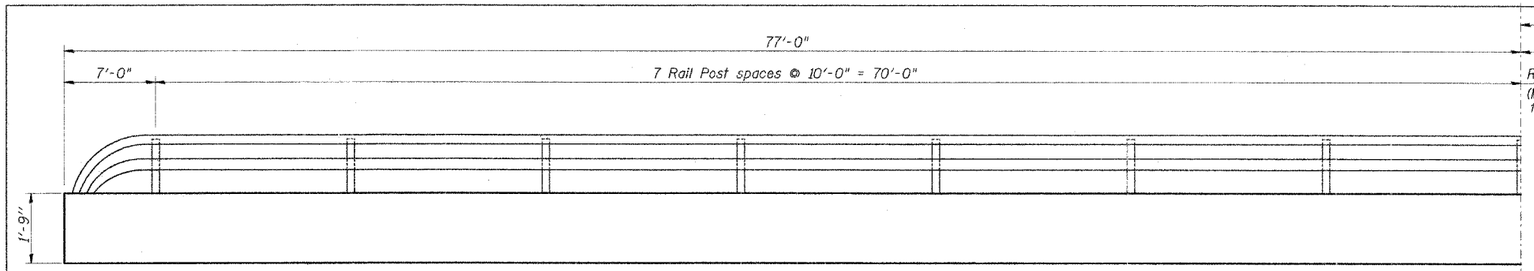
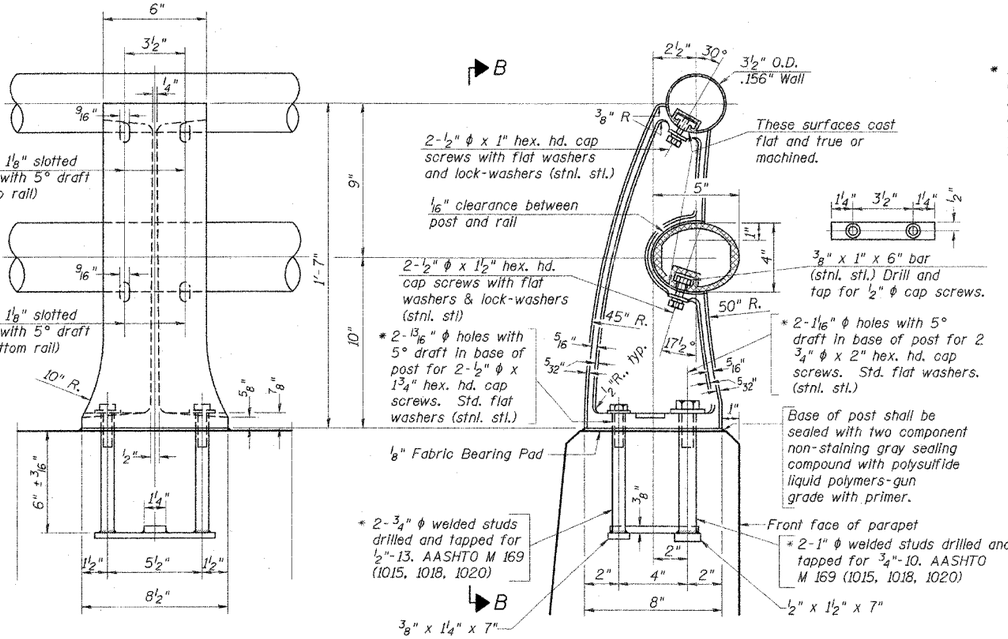
93444

F.A.U. RTE.	SECTION *	COUNTY	TOTAL SHEETS	SHEET NO.
	05-00444-00-BR	SANGAMON	33	18
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

*CITY OF SPRINGFIELD SHEET 12 OF 24 SHEETS



INSIDE ELEVATION AT PARAPET

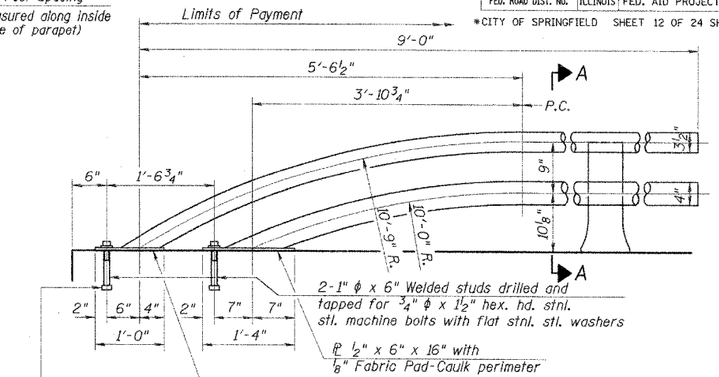


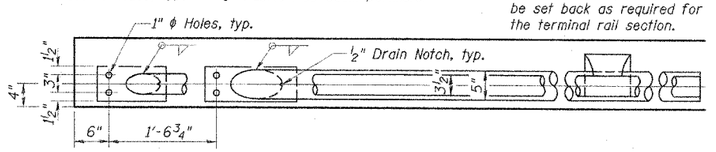
VIEW B-B

SECTION A-A

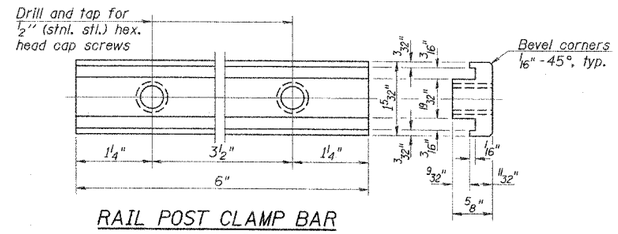
RAIL POST DETAILS

* 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.



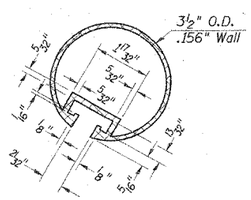


RAIL TERMINAL SECTION

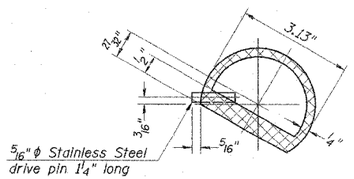


RAIL POST CLAMP BAR

For Top Rail

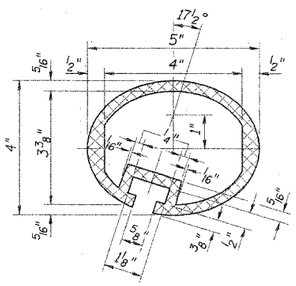


SECTION THRU TOP RAIL

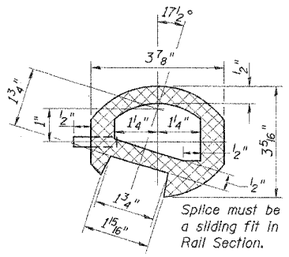


SECTION THRU SPLICE

For Top Rail

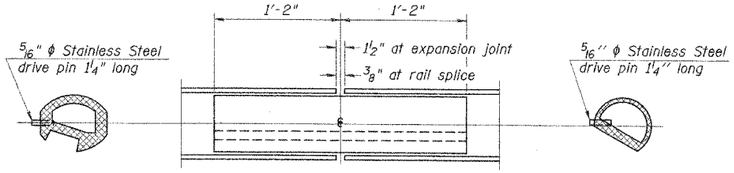


SEC. THRU ELLIPTICAL RAIL SECTION



Splice must be a sliding fit in Rail Section.

SEC. THRU SPLICE



BOTTOM RAIL

RAIL SPLICE

TOP RAIL

BILL OF MATERIAL

Item	Unit	Quantity
Aluminum Railing, Type L	Foot	304

Notes:
All Posts shall be normal to parapet.
All joints in rail shall be spliced 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 11 of 24 for rail post spacing.

REVISIONS NAME	DATE

CMT
CRAWFORD MURPHY & TILLY, INC.
CONSULTING ENGINEERS
SPRINGFIELD, IL ■ AURORA, IL ■ ST. LOUIS, MO
ROCKFORD, IL ■ PEORIA, IL ■ CHICAGO, IL

CITY OF SPRINGFIELD, ILLINOIS

ALUMINUM RAILING, TYPE L

FAU 8006-BRUNS LANE OVER SPRING CREEK
SECTION 05-00444-00-BR
SANGAMON COUNTY
STATION 115+77.50 S.N. 084-6017

SCALE: NONE DRAWN BY: GLD
DATE: 6/19/07 CHECKED BY: WK

L:\Springfield\050503\Draw\Sheets\ALUM RAIL TY L.dgn
6/27/2007

11-1-06 (7'-0" to 10'-0" Post spacing)