

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DUPAGE	106	33
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		

00-00116-00-BR

**NOTES**

See Sheet S8 of S34 for location of Railing Posts on Bridge. Railing shall be according to Section 509 of the Standard Specifications, except as noted, and will be paid for at the Contract Unit Price per foot for Pedestrian Rail (Special). The Parapet Railing, furnished and installed shall not be paid for separately but shall be included in the unit bid price for Pedestrian Rail (Special).

All joints in rail shall be spliced per detail. Splices shall be provided at the one quarter points of the horizontal rail span between posts and not more than three posts shall be included between any two splices.

All posts shall be normal to Pedestrian Screen. If the option of drilling and epoxy grouting the anchor rods is chosen, the Contractor shall use the capsule or the adhesive cartridge type anchor rods that have been previously tested and given a prior approval by the Department. The Contractor shall install these anchor rods in pre-drilled holes according to the manufacturer's recommendations and procedures. The capsule or the adhesive cartridge shall be sealed with pre-measured amounts of the adhesive chemical.

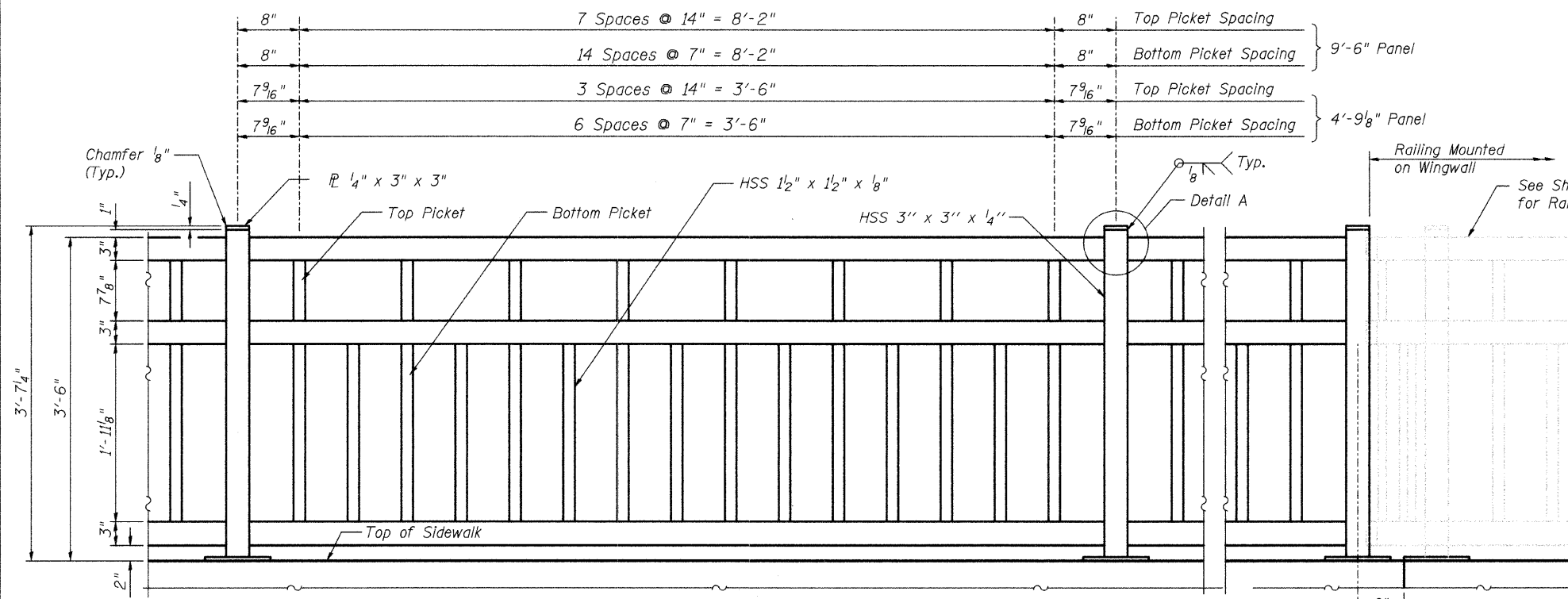
Space reinforcement to miss anchor rods. All post, railing, splices, anchor devices, and bent plates shall be completely shop painted using the Organic Zinc-Rich Paint System. The color of the final finish coat shall be Federal Standard No. 595, color chip 17038 (Gloss Black). See Special Provisions for "Cleaning and Painting New Metal Structures", and "Organic Zinc-Rich Paint System".

All erection and handling damage to the shop applied paint system shall be repaired in accordance with the Special Provision "Cleaning and Painting New Metal Structures".

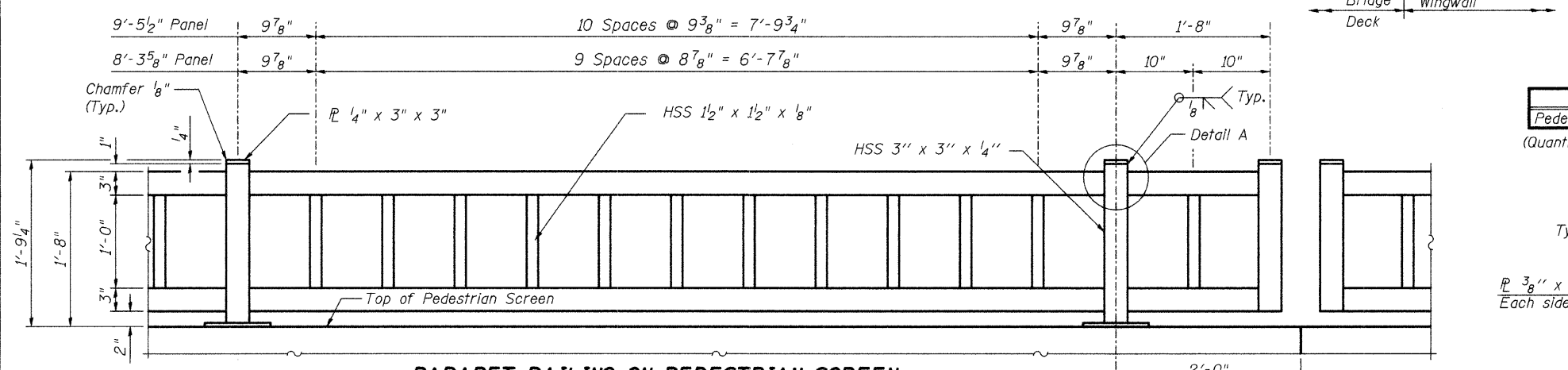
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**TYPICAL PEDESTRIAN RAILING**  
(9'-6" Panel Shown)

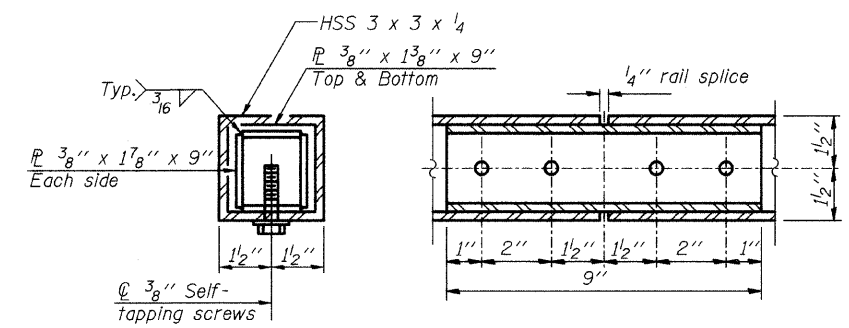


**PARAPET RAILING ON PEDESTRIAN SCREEN**  
(9'-5 1/2" Panel Shown)

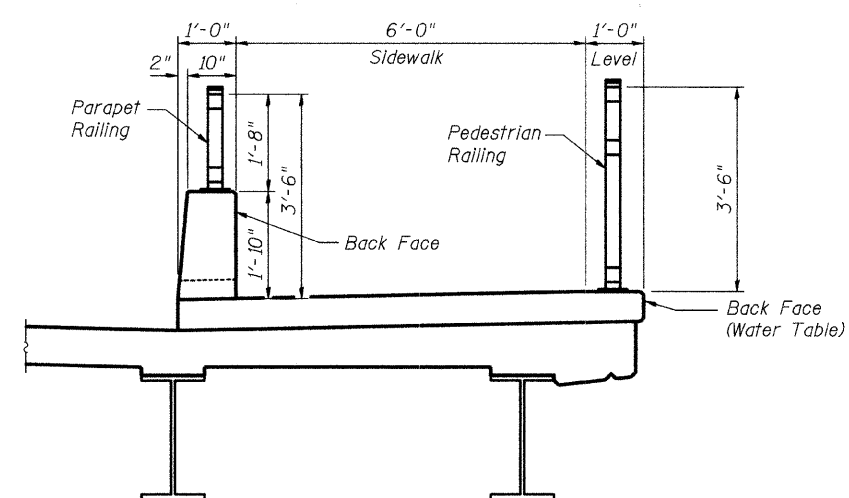
**BILL OF MATERIAL**

Item	Unit	Quantity
Pedestrian Rail (Special)	Foot	421

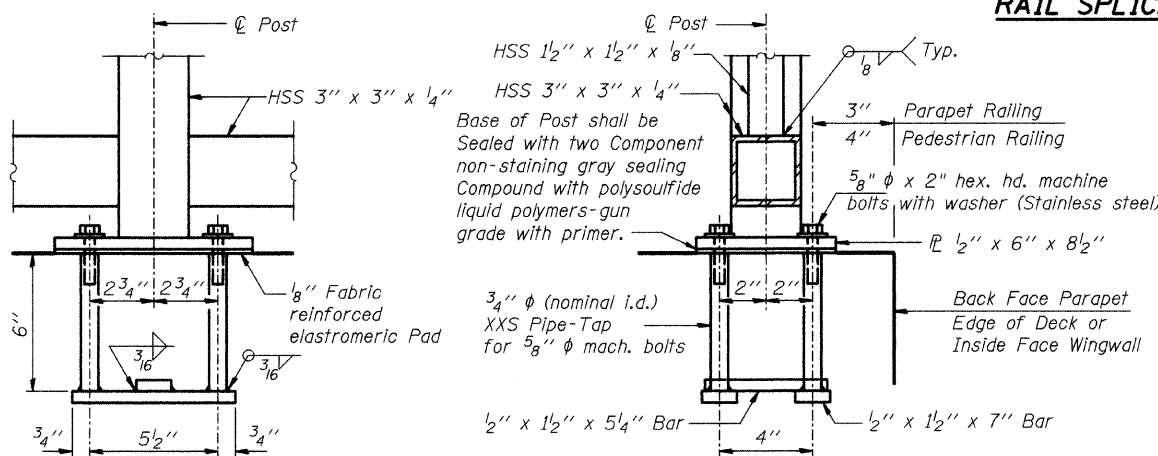
(Quantity is for superstructure and wingwalls)



**RAIL SPLICE**

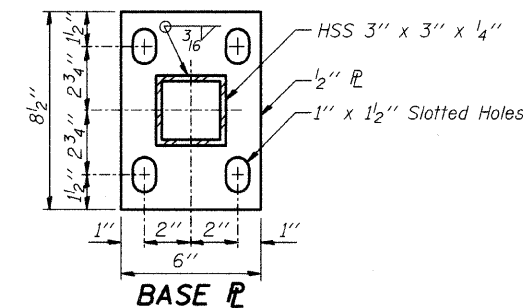


**SECTION THRU SIDEWALK**



**ANCHOR BOLT DETAILS**

In lieu of the cast-in-place anchor device shown, the Contractor has the option of drilling and epoxy grouting 5/8" phi anchor rods, according to Article 509.06 of the Standard Specifications. Embedment shall be according to the manufacturer's specifications.



**BASE P**

**BRIDGE MOUNTED RAILING DETAILS**

JEFFERSON AVENUE OVER  
WEST BRANCH DUPAGE RIVER  
FAU 3570 SECTION 00-00116-00-BR  
DUPAGE COUNTY  
STA. 7+64.45  
STRUCTURE NUMBER 022-6756

DESIGNED	SRT
CHECKED	JJI
DRAWN	GM
CHECKED	JJI

**Bollinger, Lach & Associates, Inc.**