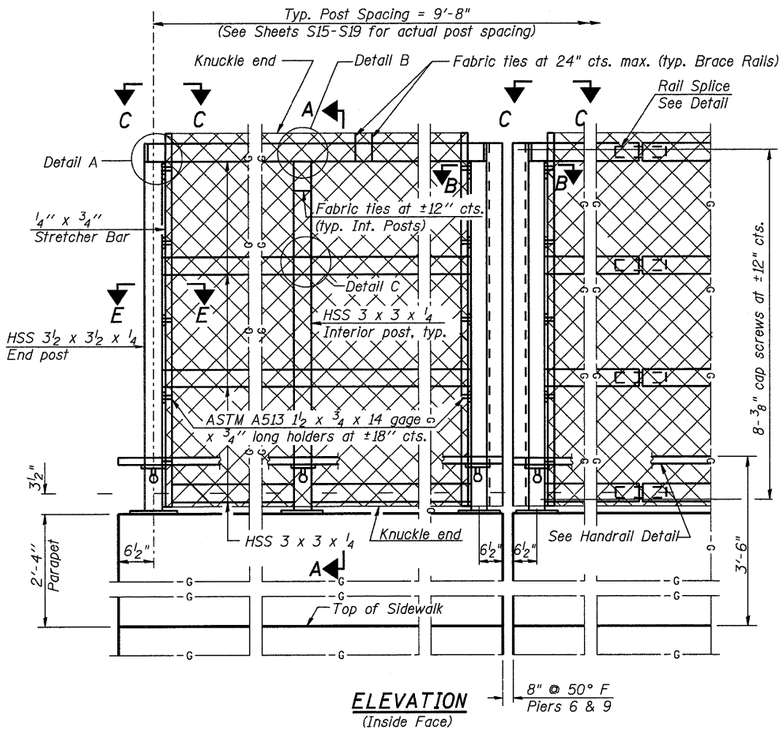
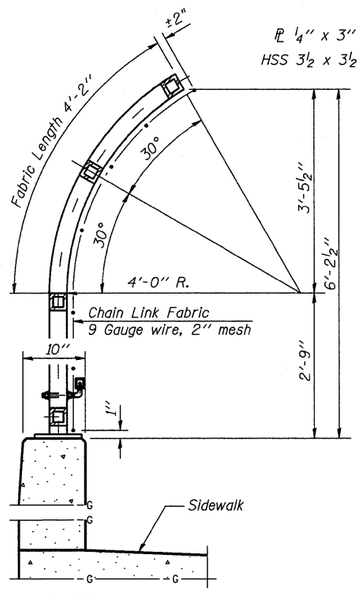
F.A.P.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	465 (HB&VB) F	COOK	31	24
STA. 173+50	TO	STA. 195+00		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

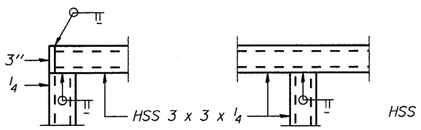
Contract • 60121 SHEET NO. S23 of S30



ELEVATION
(Inside Face)

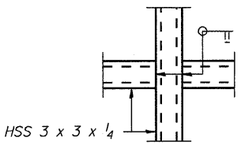


SECTION A-A



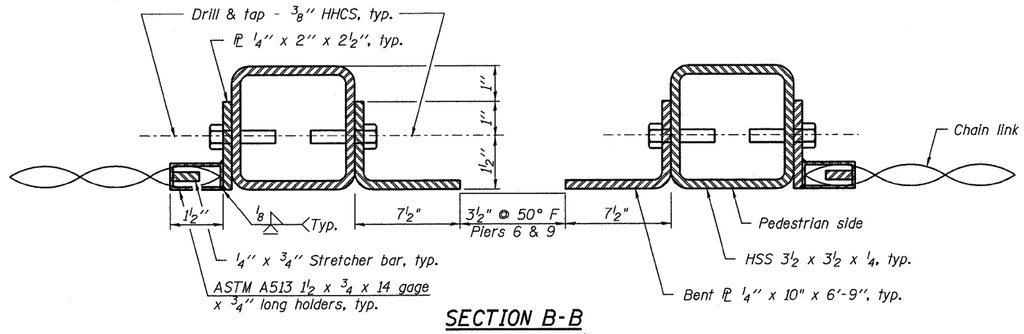
DETAIL A

DETAIL B

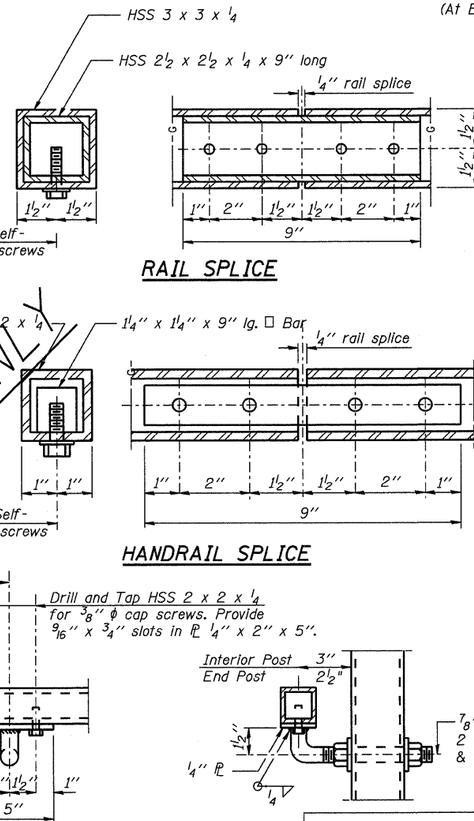


DETAIL C

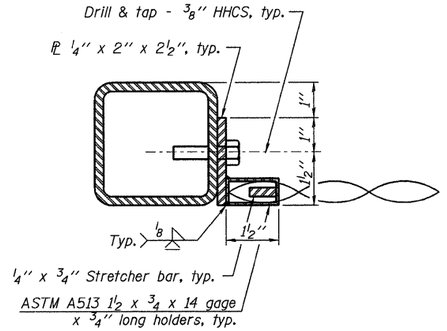
All steel rail elements shall be galvanized according to Article 509.05 of the Standard Specifications.



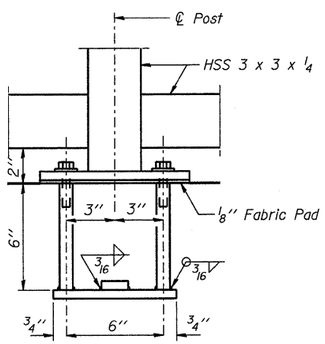
SECTION B-B
(At Expansion Joint)

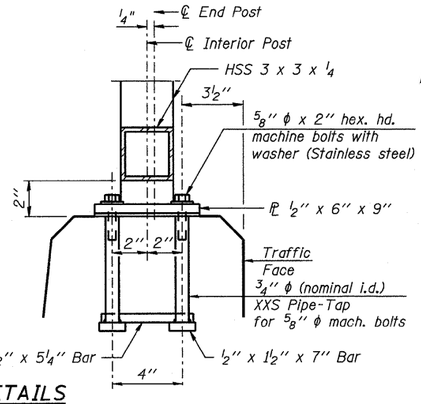


RAIL SPLICE



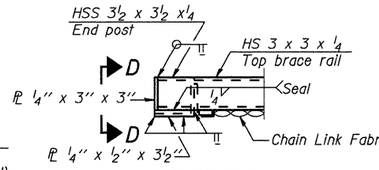
SECTION E-E



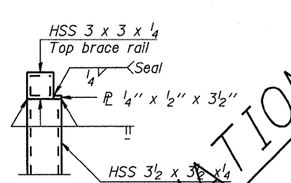


ANCHOR BOLT DETAILS

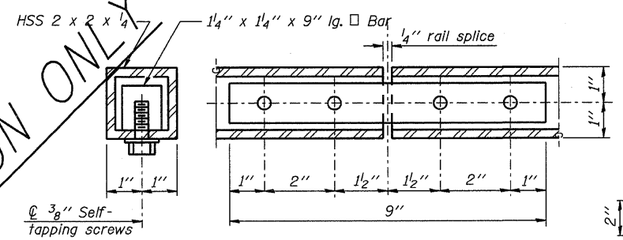
In lieu of the cast-in-place anchor device shown, the Contractor has the option of drilling and setting 5/8" ϕ anchor rods according to Article 509.06 of the Standard Specifications. Embedment shall be according to the manufacturer's specifications.



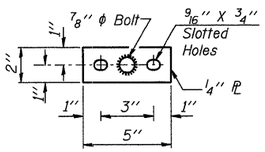
VIEW C-C



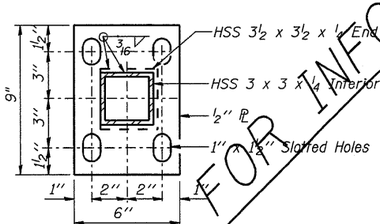
VIEW D-D



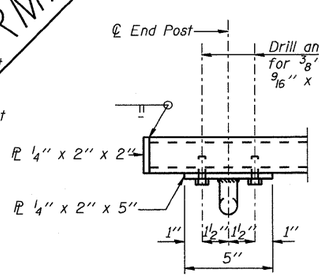
HANDRAIL SPLICE



BASE PL
(Handrail)



BASE PL



HANDRAIL DETAIL

(10'-0" Maximum Post Spacing)

BILL OF MATERIAL

Item	Unit	Total
Bridge Fence Railing	Foot	2,490

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

BRIDGE FENCE RAILING PARAPET MOUNTED

FAP 330 US 12/45 (MANNHEIM RD.) OVER SOO LINE RR & FRANKLIN AVE.
STRUCTURE NO. 016-2815
SECTION 465 (HB & VB) F COOK COUNTY
STA. 183+33.30 DRAWN BY JHR
DATE 6/2009 CHECKED BY CLS

EARTH TECH | AECOM

FOR INFORMATION ONLY

6/23/2009 23railing_St09.dgn