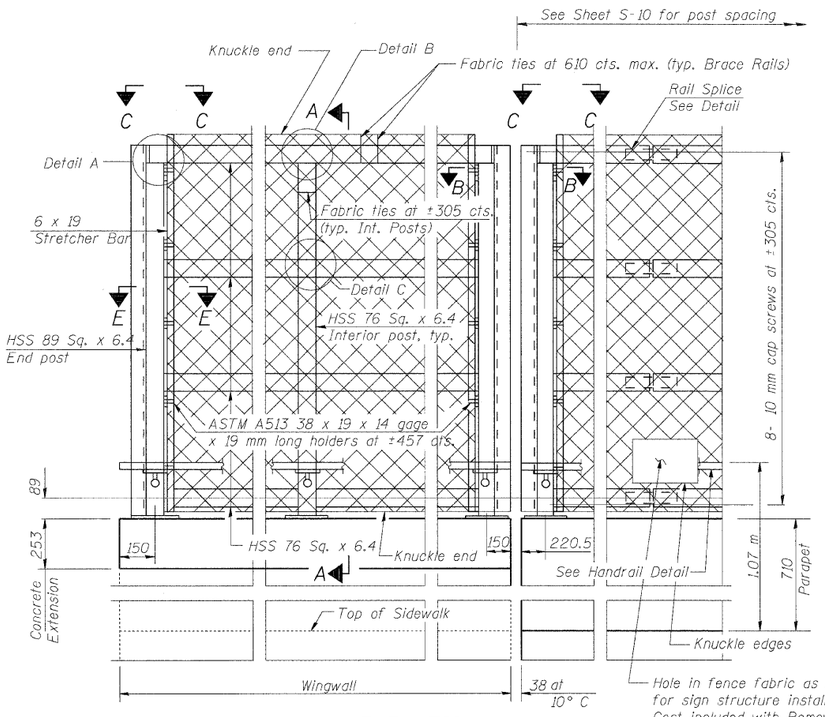
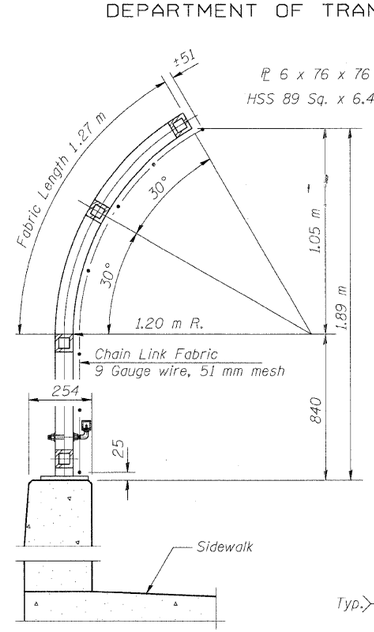
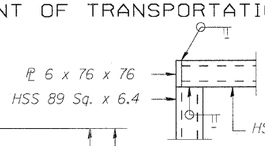
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



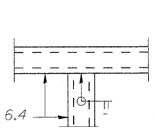
ELEVATION
(Inside Face)



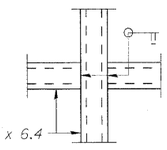
SECTION A-A



DETAIL A

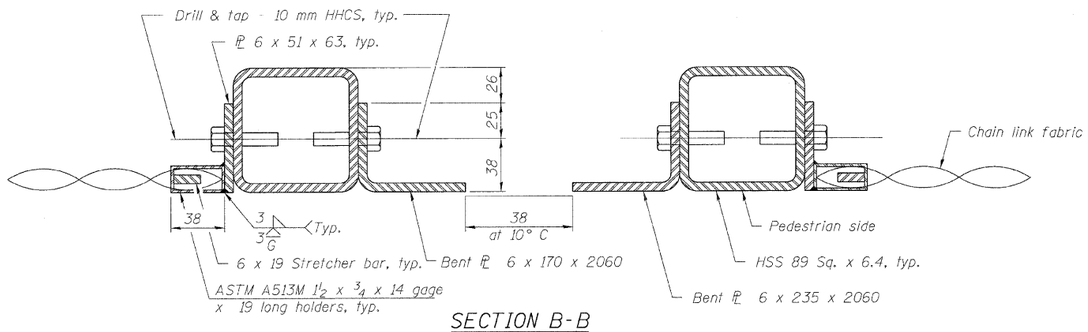


DETAIL B

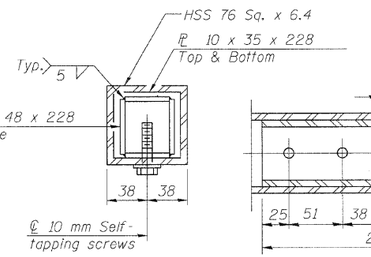


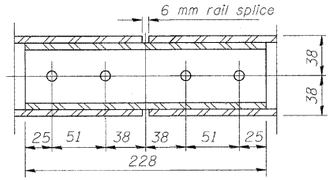
DETAIL C

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

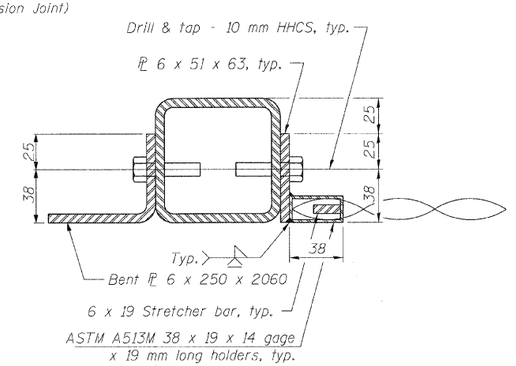


SECTION B-B
(At Expansion Joint)

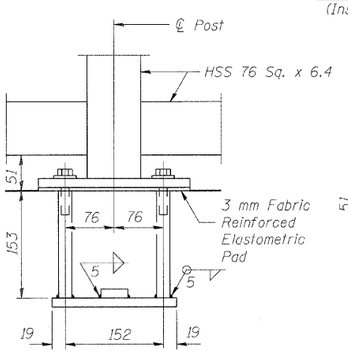


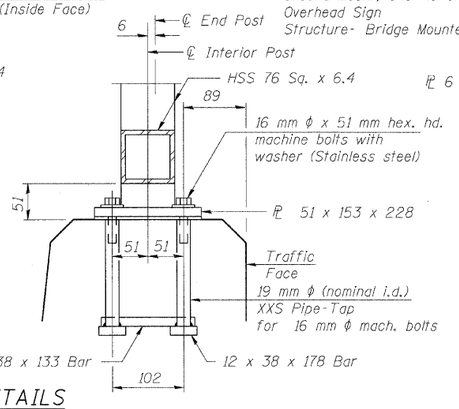


RAIL SPLICE



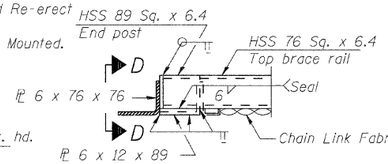
SECTION E-E



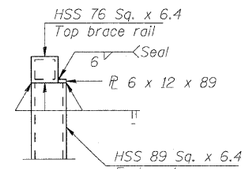


ANCHOR BOLT DETAILS

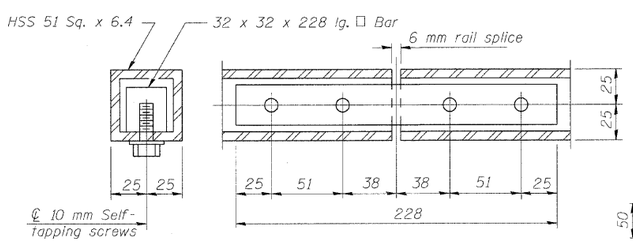
In lieu of the cast-in-place anchor device shown, the Contractor has the option of drilling and setting M16 ϕ anchor rods according to Article 509.06 of the Standard Specifications. Embedment shall be according to the manufacturer's specifications.



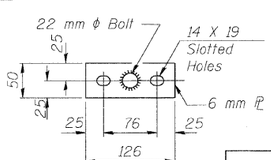
VIEW C-C



VIEW D-D



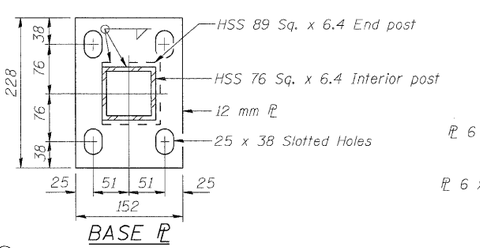
HANDRAIL SPLICE



BASE ℄
(Handrail)

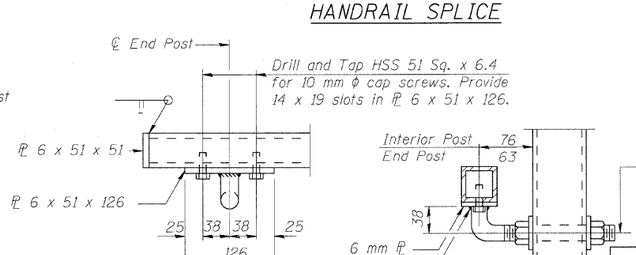
BILL OF MATERIAL

ITEM	UNIT	QUANTITY
Bridge Fence Railing	Meter	135



BASE ℄

*Variable - See Plans (3.05 m Maximum Post Spacing)



HANDRAIL DETAIL

BRIDGE FENCE RAILING PARAPET MOUNTED STRUCTURE NO. 016-2034

DESIGNED -	EKM
CHECKED -	SCD
DRAWN -	RD
CHECKED -	EKM

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CONSULTING ENGINEERS
5507 North Cumberland Avenue, Suite 402 Chicago, Illinois 60656
Tel. 773.775.4009 Fax 773.775.4014 Email chicago@ciorba.com

SHEET NO. S-11	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S-26 SHEETS	57	1818.3B-R	COOK	58	35
			CONTRACT NO. 60862		
	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

rdanley
1/16/2009
n:\proj\3153\125sh\design\structure\cad\3153-02-FS-11.DGN