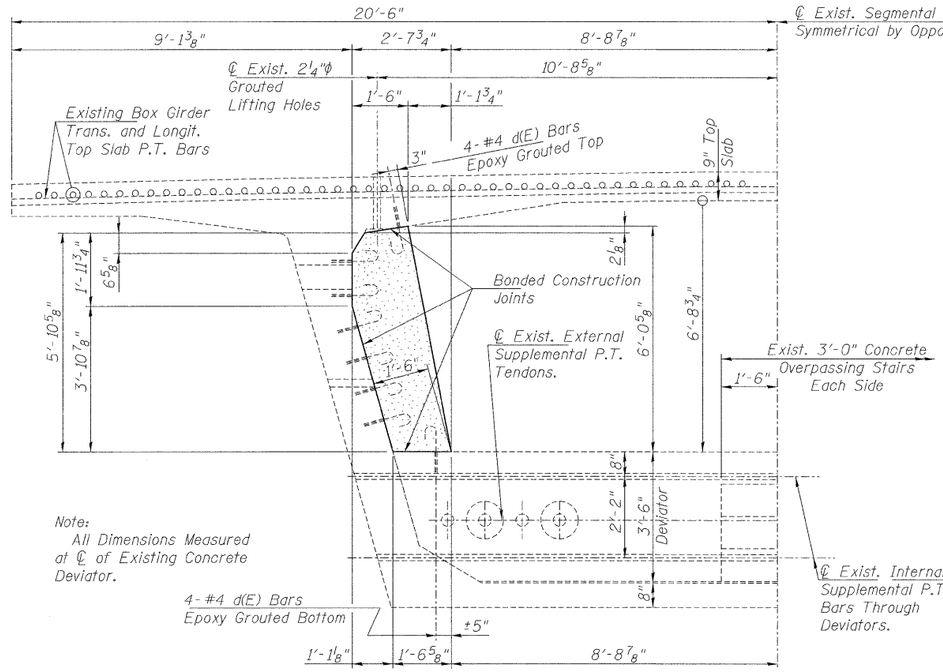
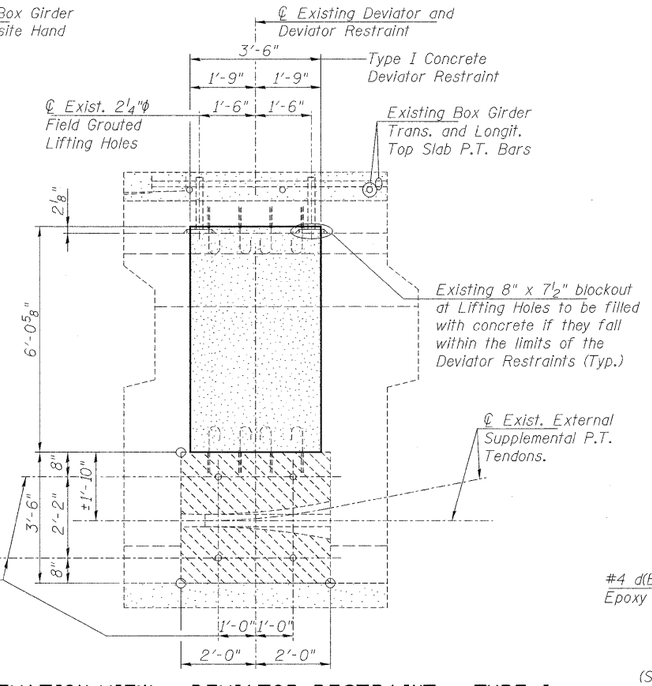


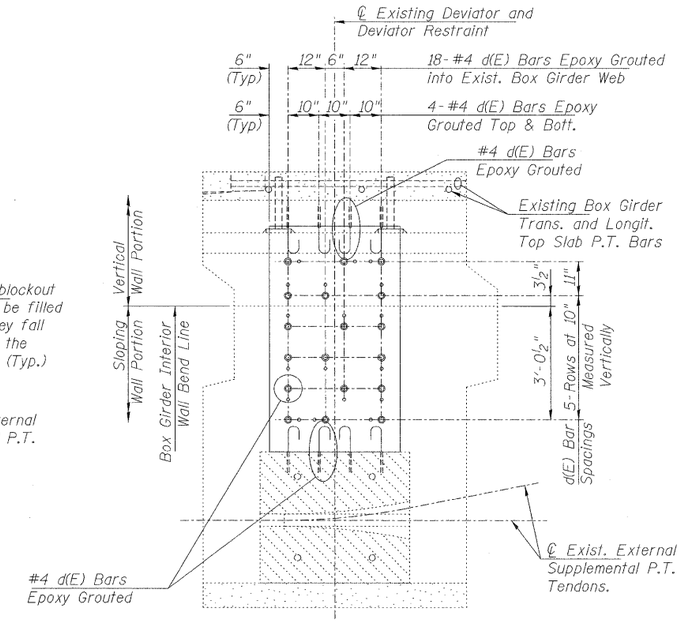
HALF BOX GIRDER SECTION - DEVIATOR RESTRAINT - TYPE I

(Showing Concrete Deviator Restraint at Exist. Deviator 2, Looking North)



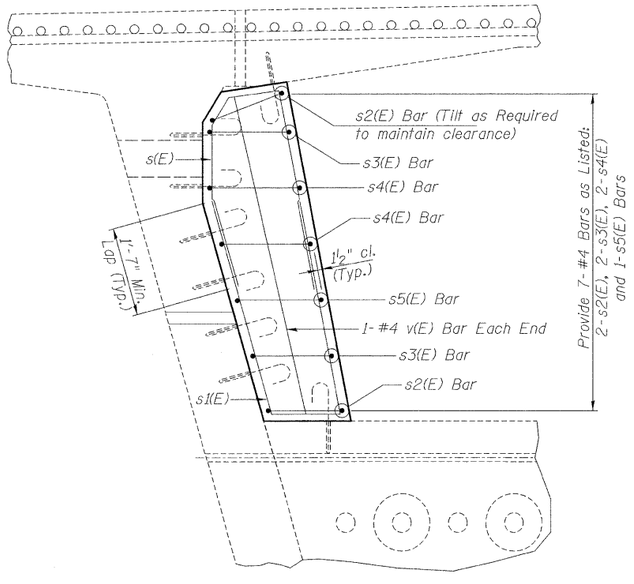
ELEVATION VIEW - DEVIATOR RESTRAINT - TYPE I

(Showing Concrete Deviator Restraint at Exist. Deviator 2, Looking West)



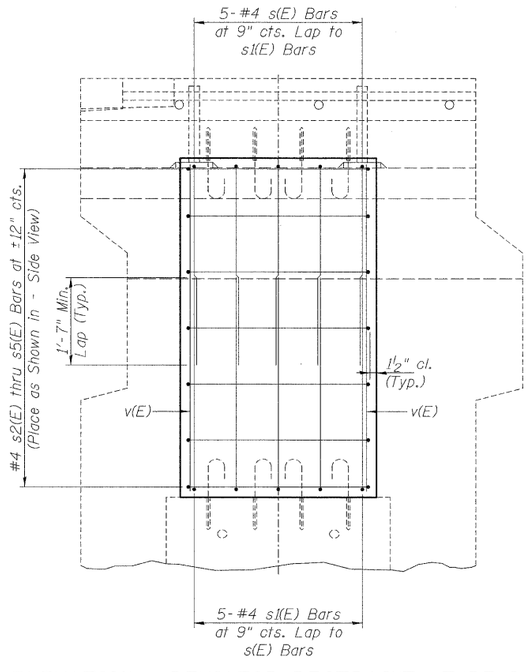
ELEVATION VIEW - BOX GIRDER WEB - TYPE I

(Showing Epoxy Grouted Dowel Bar Locations, Exist. Deviator 2, Looking West)



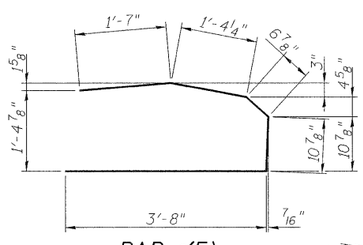
SIDE VIEW - DEVIATOR RESTRAINT - TYPE I

(Showing Deviator Restraint Reinforcement, Exist. Deviator 2, Looking North)

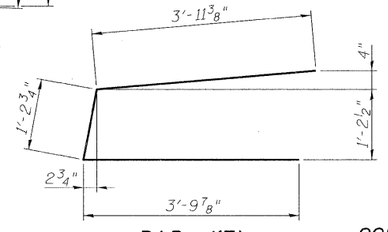


ELEVATION - DEVIATOR RESTRAINT -TYPE I

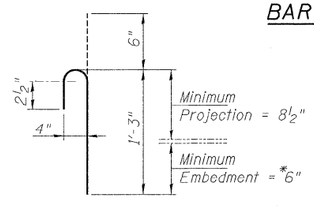
(Showing Deviator Restraint Reinforcement, Exist. Deviator 2, Looking West)



BAR s(E)

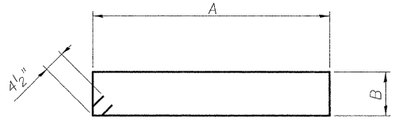


BAR s1(E)



BAR d(E)

*Bars epoxy grouted shall have an embedment sufficient to obtain 1.25 x the yield strength of the reinforcing bar.



BARS s2(E) thru s5(E)

Bar	A	B
s2(E)	3'-3"	1'-4"
s3(E)	3'-3"	1'-5"
s4(E)	3'-3"	1'-7 1/2"
s5(E)	3'-3"	1'-6"

BILL OF MATERIAL
40 - TYPE I
CONCRETE DEVIATOR RESTRAINTS

Bar	Number	Size	Length	Shape
*d(E)	1040	#4	1'-9"	
s(E)	200	#4	8'-1"	
s1(E)	200	#4	9'-0"	
s2(E)	80	#4	9'-11"	
s3(E)	80	#4	10'-1"	
s4(E)	80	#4	10'-6"	
s5(E)	40	#4	10'-3"	
v(E)	80	#4	5'-9"	
Concrete Superstructure			C.Y.	52.8
Reinforcement Bars, Epoxy Coated			Lb.	5710

FILE NAME =	USER NAME =	DESIGNED - MNM	REVISED
		CHECKED - TEH	REVISED
	PLOT SCALE =	DRAWN - Rod	REVISED
	PLOT DATE =	CHECKED - MNM	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPE I DEVIATOR RESTRAINT DETAILS
STRUCTURE NO. 101-0133 and 101-0134
SHEET NO. 6 OF 11 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	(201-1B)M-3	WINNEBAGO	38	33
		CONTRACT NO. 64H72		
	ILLINOIS FED. AID PROJECT			

LAYOUT / / /
DRAWN / / /
REVIEWED / / /