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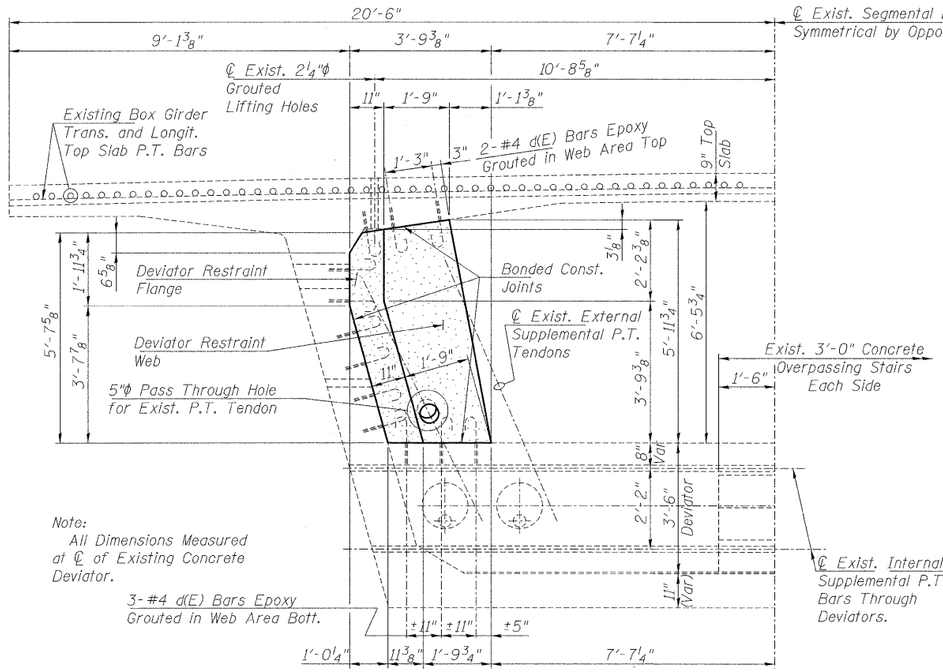
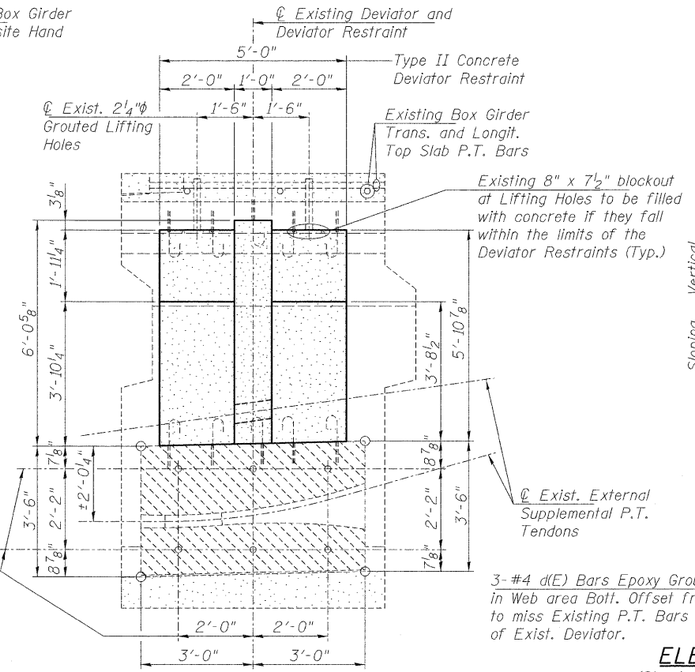


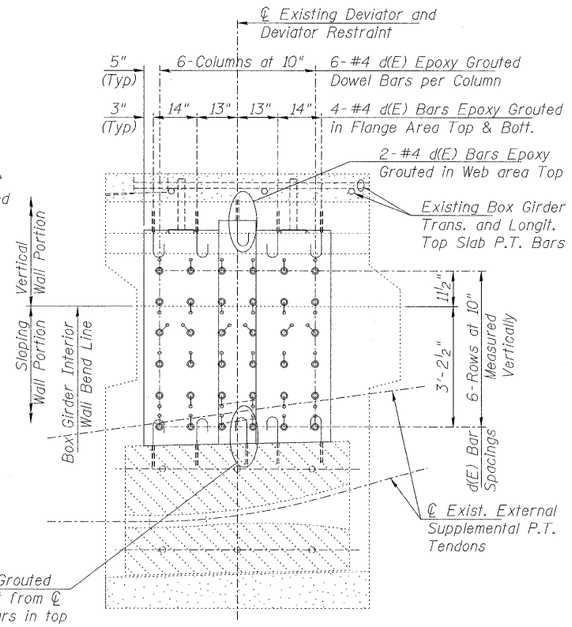
HALF BOX GIRDER SECTION - DEVIATOR RESTRAINT - TYPE II

(Showing Concrete Deviator Restraint at Exist. Deviator 3, Looking North)
Vertical Dimensions Shown are given along the Deviator ℄



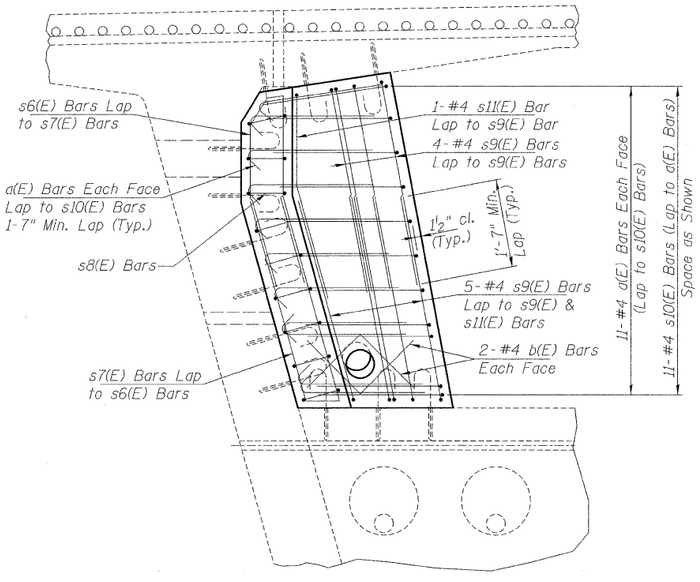
ELEVATION VIEW - DEVIATOR RESTRAINT - TYPE II

(Showing Concrete Deviator Restraint at Exist. Deviator 3, Looking West)



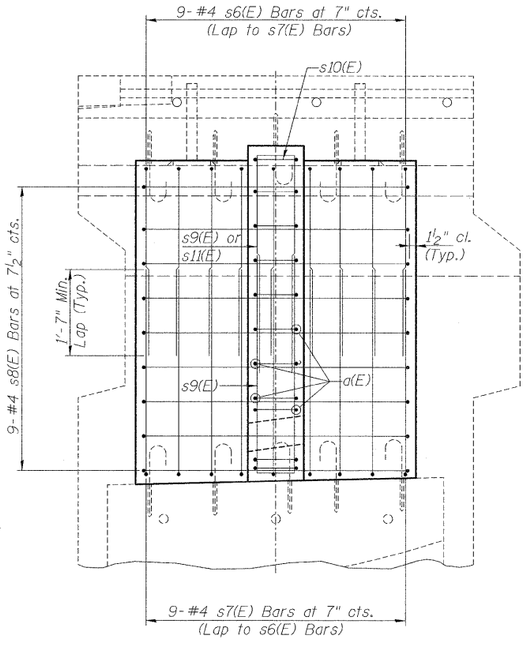
ELEVATION VIEW - BOX GIRDER WEB - TYPE II

(Showing Epoxy Grouted Dowel Bar Locations, Exist. Deviator 3, Looking West)



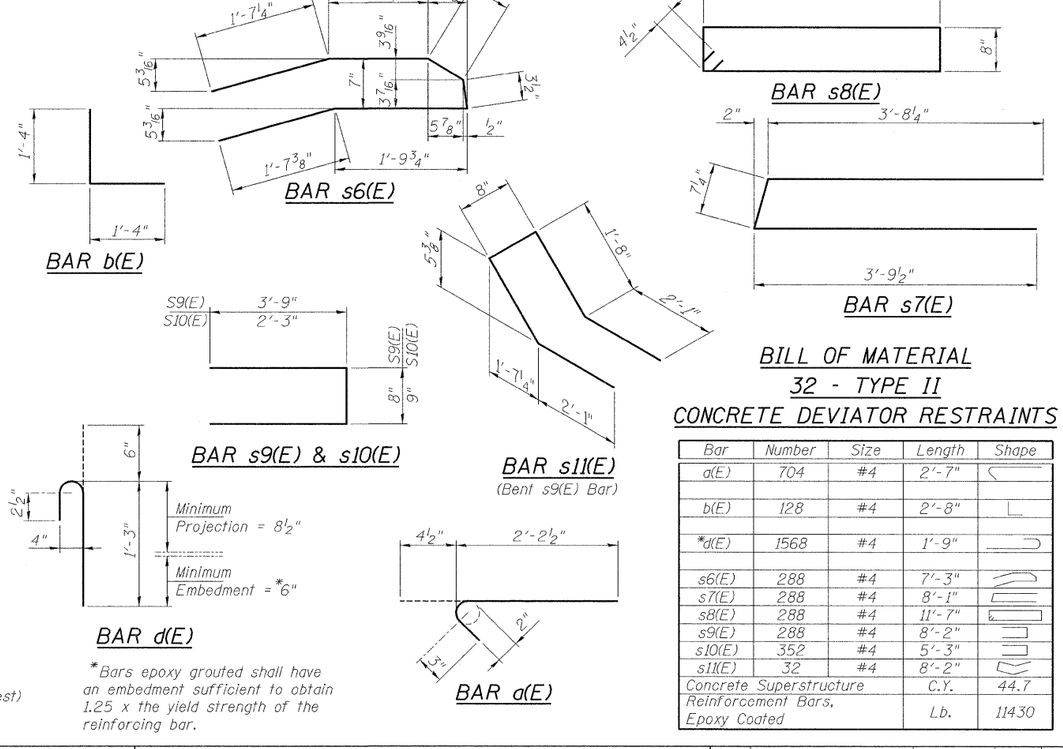
SIDE VIEW - DEVIATOR RESTRAINT - TYPE II

(Showing Deviator Restraint Reinforcement at Exist. Deviator 3, Looking North)



ELEVATION - DEVIATOR RESTRAINT - TYPE II

(Showing Deviator Restraint Reinforcement at Exist. Deviator 3, Looking West)



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

BILL OF MATERIAL

32 - TYPE II CONCRETE DEVIATOR RESTRAINTS

Bar	Number	Size	Length	Shape
d(E)	704	#4	2'-7"	
b(E)	128	#4	2'-8"	
*d(E)	1568	#4	1'-9"	
s6(E)	288	#4	7'-3"	
s7(E)	288	#4	8'-1"	
s8(E)	288	#4	11'-7"	
s9(E)	288	#4	8'-2"	
s10(E)	352	#4	5'-3"	
s11(E)	32	#4	8'-2"	
Concrete Superstructure			C.Y.	44.7
Reinforcement Bars, Epoxy Coated			Lb.	11430

FILE NAME =	USER NAME =	DESIGNED - MNM	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
		CHECKED - TEH	REVISED	
	PLOT SCALE =	DRAWN - Rod	REVISED	
	PLOT DATE =	CHECKED - MNM	REVISED	

TYPE II DEVIATOR RESTRAINT DETAILS
STRUCTURE NO. 101-0133 and 101-0134
SHEET NO. 07 OF 11 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
39	(201-1B)M-3	WINNEBAGO	38	34
		CONTRACT NO. 64H72		
		ILLINOIS FED. AID PROJECT		

LAYOUT / DRAWN / REVIEWED

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02/07/2012
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