

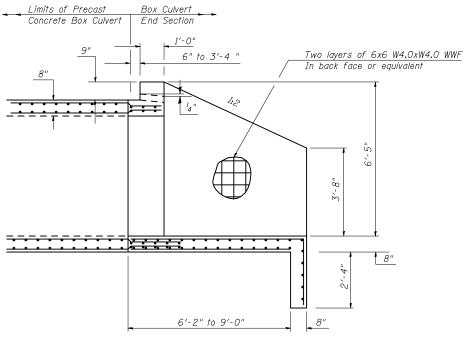
9" _____

Limits of Precast

*Dimensions shall be increased by 3'-0" if the Contractor elects to use the precast option for the Box Culver End Sections. See Special Provisions.

**Area of reinforcement for the cast-in-place section of the box culvert shall be as required in AASHTO M 273 except A , A , and A shall be increased to 0.62, 0.32, and 0.23. Spacing and laps of WWF shall be in accordance with AASHTO M 273 except as shown in Cast-In-Place Section of Box Culvert To Be Built In Field. If the Contractor elects to use reinforcement bars instead of WWF for cast-in-place section of box culvert, bars may consist of #3 thru #6 bars and the spacing shall not exceed the lesser of the wall thickness or 8".

FILE NAME =	USER NAME = shererjm	DESIGNED - JMS	REVISED -		BOX CULVERT END SECTION DETAILS			F.A.P. RTF.	SECTION	COUNTY TO	TAL SHEET
c:\pw_work\pw1dot\shererjm\d0189007\D570	1617-sht-Details.dgn	DRAWN - JMS	REVISED -	STATE OF ILLINOIS				711	115CR	VERMILION 3	39 24
	PLOT SCALE = 40.0000 '/ IN.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION	PROPOSED CULVERT NO. 2 (DOWNSTREAM END) SCALE: N/A SHEET NO. 6 OF 9 SHEETS STA. TO STA.					CONTRACT N	NO. 70617
	PLOT DATE = 11/16/2010	DATE - 031210	REVISED -						ILLINOIS FED. AID PROJECT		



HALFSIDE ELEVATION

DOWNSTREAM END

BILL OF MATERIAL(DOWNSTREAM END)

For Information Only (One End Section)

	(One	End Sechol	17		
Bar	No.	Size	Length	Shape	
h	4	#6	10'-1"		
h1	10	#4	2′-7″		
h ₂	10	#4	2'-2"		
s or s ₁	9	#4	3′-10″	נונ	
V	18	#5	6′-10″		
	Item	Unit	Total		
Concrete	Box Culver	Cu. Yd.	9.0		
Reinforce	ment Bars	Pound	244.0		
Welded Wi	re Fabric	Sq. Ft.	1053.0		

END SECTION DETAILS
SINGLE 7'x5' PRECAST BOX CULVERT
F.A.P. ROUTE 711 - SECTION 115CR
VERMILION COUNTY
<u>STATION 272+92.00, S.N. 092-8087</u>
CULVERT NO. 2