

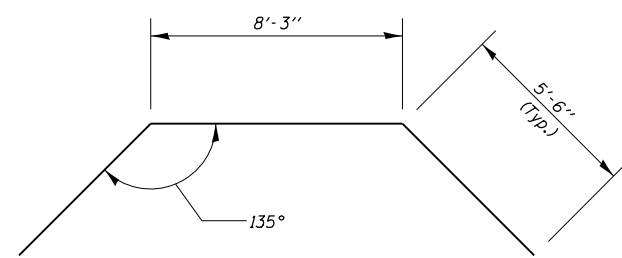
DESIGN STRESSES  
 $f_y = 60,000 \text{ psi}$   
 $f_c' = 3,500 \text{ psi}$

HALF SIDE ELEVATION

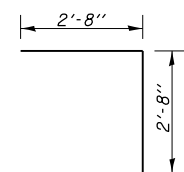
BILL OF MATERIAL  
 (Total for 2 End Sections)

Bar	No.	Size	Length	Shape	
b(E)	10	#4	15'-6"	—	
d(E)	22	#4	5'-4"	J	
h(E)	2	#4	19'-3"	—	
h1(E)	12	#4	5'-8"	—	
s(E)	4	#4	26'-3"	□	
v1(E)	24	#4	5'-11"	—	
Concrete Box Culverts				Cu. Yd.	7.2
Reinforcement Bars, Epoxy Coated				Pound	420

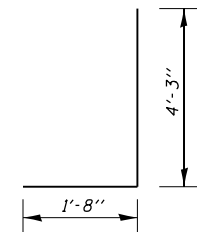
Reinforcement bars designated (E) shall be epoxy coated.  
 \*Cut or bend to fit.  
 Reinforcement bars shall conform to the requirements of ASTM A 706 Grade 60.  
 Exposed edges shall be beveled 3/4"



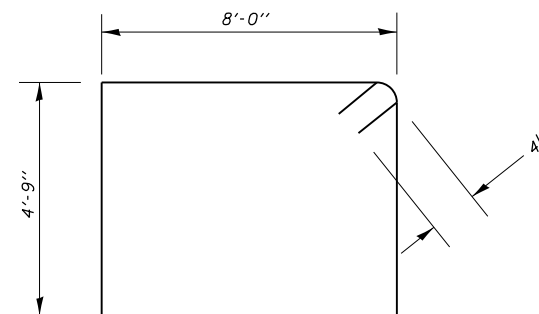
Bar h(E)



Bar d(E)



Bar v1(E)



Bar s(E)

Cast-in-Place  
Apron End Section Details  
White County  
SN 097-7090

FILE NAME =	USER NAME = \$USER*	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>CAST IN PLACE APRON END SECTION SN 097-7090</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
et:\pwork\pwork\adamsam\d0325623\78313-shr-plan.dgn		DRAWN -	REVISED -			328	109B-2	WHITE	9	8	
*MODELNAME*	PLOT SCALE = 2.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 78313					
	PLOT DATE = 8/13/2013	DATE -	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.	TO