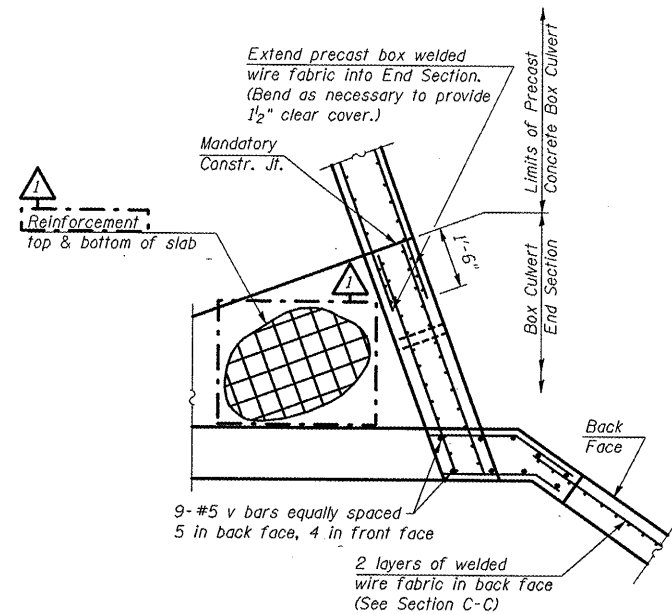
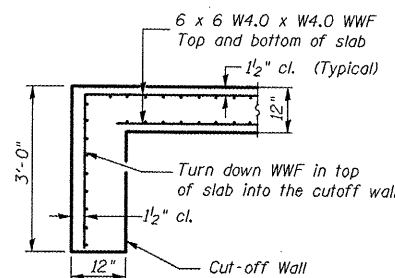


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808		**	715	247

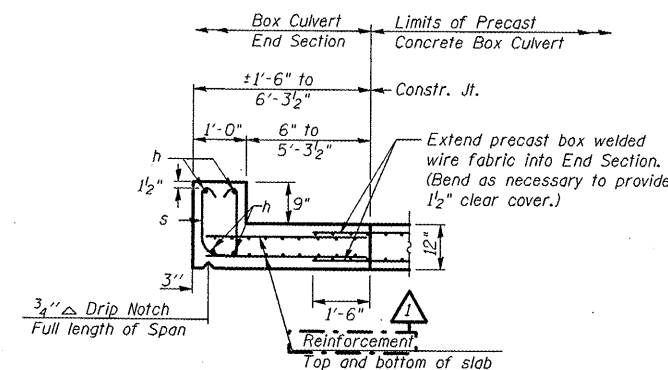
• (205,57,105)RS-2  
 •• CHAMPAIGN & DOUGLAS



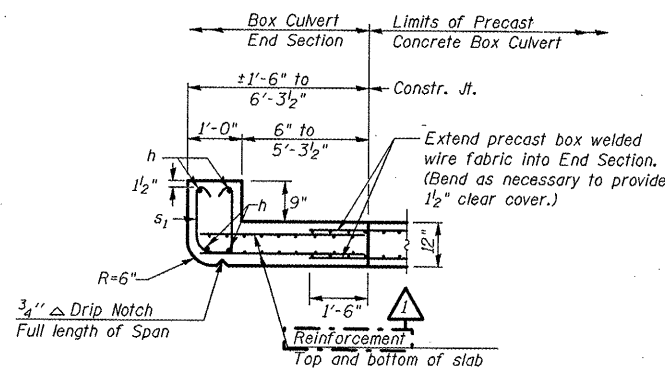
**SECTION D-D**  
 LONG WING  
 (Showing reinforcement)



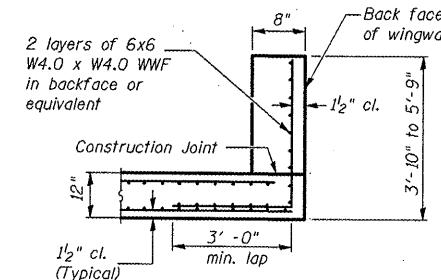
**SECTION A-A**  
 DOWNSTREAM END



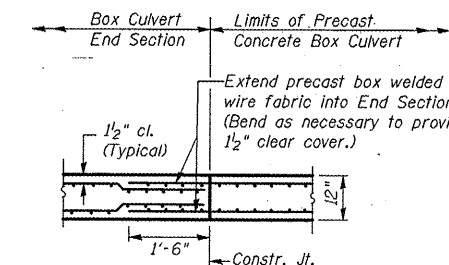
**SECTION E-E**  
 TOP SLAB / HEADWALL DOWNSTREAM END  
 (DIMENSIONS AT RIGHT ANGLES TO C ROADWAY)



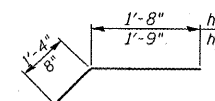
**SECTION E-E**  
 TOP SLAB / HEADWALL UPSTREAM END  
 (DIMENSIONS AT RIGHT ANGLES TO C ROADWAY)



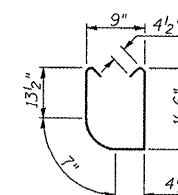
**SECTION C-C**  
 WINGWALLS



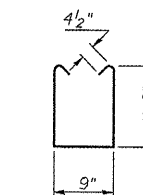
**SECTION B-B**  
 BOTTOM SLAB



**h1 & h2 BARS**



**s1 BARS**  
 UPSTREAM END



**s BARS**  
 DOWNSTREAM END

**BILL OF MATERIAL**  
 For Information Only  
 (One End Section)

Bar	No.	Size	Length	Shape
h	4	#6	16'-5"	—
h1	10	#4	3'-0"	—
h2	10	#4	2'-5"	—
s or s1	14	#4	4'-6"	□
v	18	#5	5'-6"	—
Item		Unit	Total	
Class SI Concrete		Cu. Yd.	13.4	
Reinforcement Bars		Pound	281.0	
Welded Wire Fabric		Sq. Ft.	167.0	

SHEET 3 OF 9

**END SECTION DETAILS**  
**SINGLE 12'x3' PRECAST BOX CULVERT**  
**AT SKEW = 20° RT. FWD.**  
**F.A.P. ROUTE 808 - SECTION (205,57,105)RS-2**  
**CHAMPAIGN COUNTY**  
**STATION 2030+82.00, S.N. 010-8143**  
**CULVERT NO. 6**

PLOT DATE = 10/27/2009  
 PLOT SCALE = 1/8" = 1'-0"  
 USER NAME = ebr313t

Note: Area of reinforcement for the cast-in-place section of box culvert shall be as required the Special Provision Precast Box Culvert Reinforcement except A<sub>s2</sub> and A<sub>s3</sub> shall be increased to 0.53 and 0.33. 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".