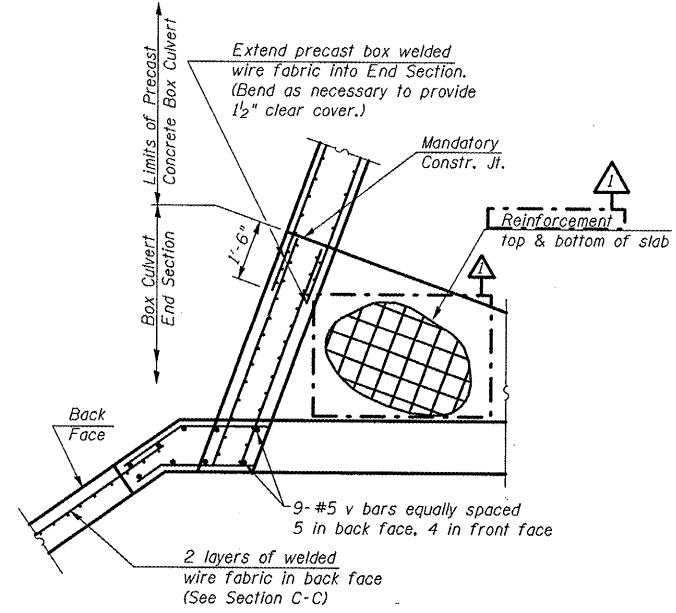


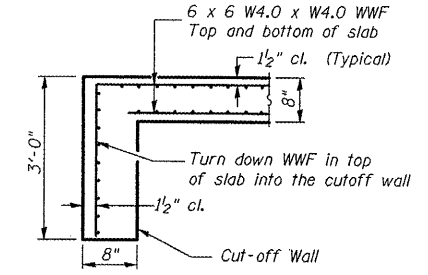
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
808			715	235

CONTRACT NO. 70623

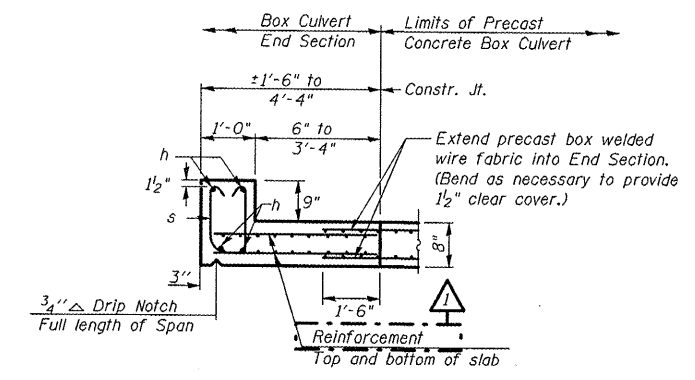
(205,57,105)RS-2
 CHAMPAIGN & DOUGLAS



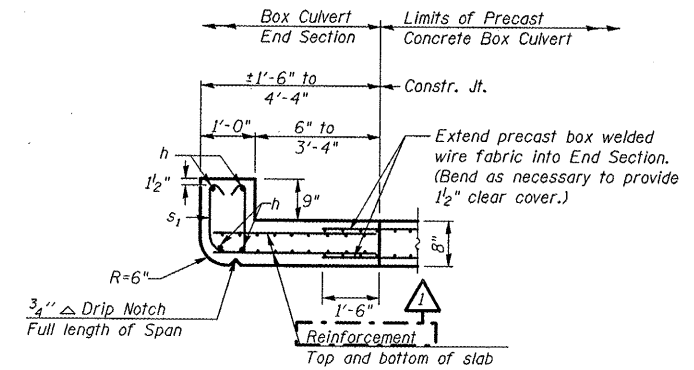
SECTION D-D
 LONG WING
 (Showing reinforcement)



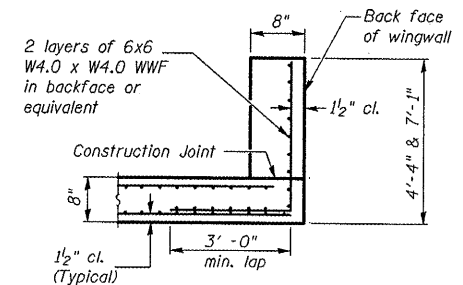
SECTION A-A
 DOWNSTREAM END



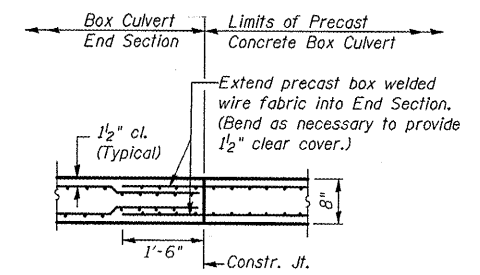
SECTION E-E
 TOP SLAB / HEADWALL DOWNSTREAM END
 (DIMENSIONS AT RIGHT ANGLES TO CL ROADWAY)



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



SECTION C-C
 WINGWALLS

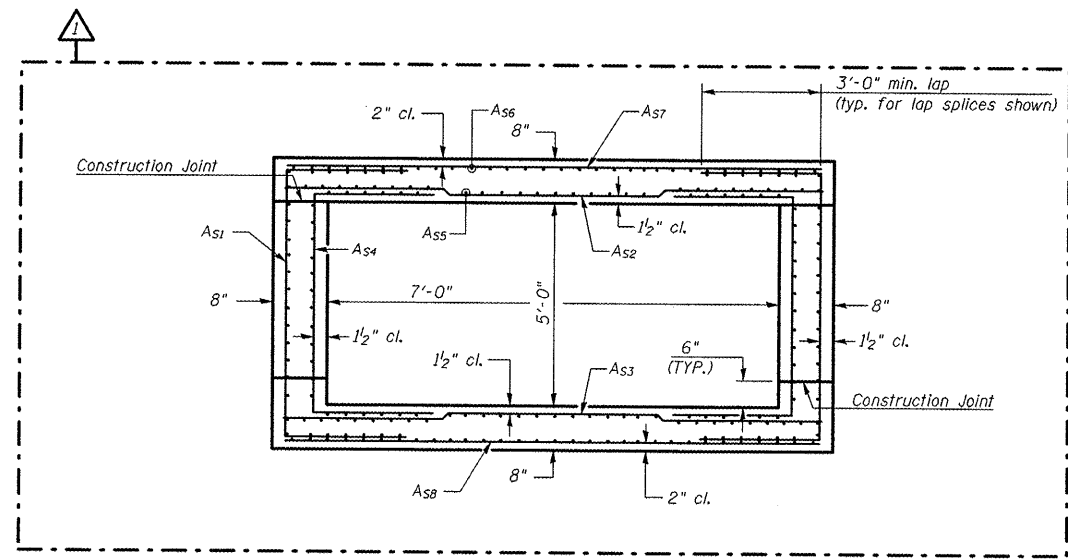


SECTION B-B
 BOTTOM SLAB

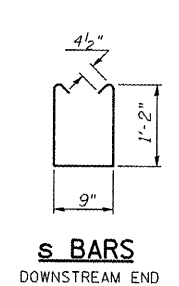
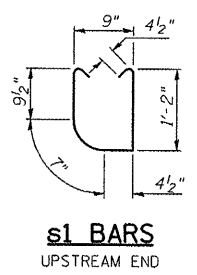
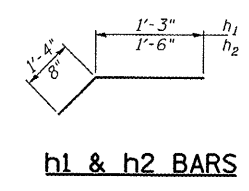
BILL OF MATERIAL

For Information Only
 (One End Section)

Bar	No.	Size	Length	Shape
h	4	#6	10'-4"	—
h ₁	14	#4	2'-7"	—
h ₂	14	#4	2'-2"	—
s or s ₁	8	#4	3'-10"	U
v	18	#5	6'-10"	—
Item		Unit	Total	
Class SI Concrete		Cu. Yd.	8.4	
Reinforcement Bars		Pound	256.0	
Welded Wire Fabric		Sq. Ft.	794.0	



CAST-IN-PLACE SECTION OF BOX CULVERT TO BE BUILT IN FIELD



Note: Area of reinforcement for the cast-in-place section of box culvert shall be as required in AASHTO M 273 except A_{s2}, A_{s3}, and A_{s5} 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".

SHEET 3 OF 6

END SECTION DETAILS
SINGLE 7'x5' PRECAST BOX CULVERT
AT SKEW = 20° LT. FWD.
F.A.P. ROUTE 808 - SECTION (205,57,105)RS-2
CHAMPAIGN COUNTY
STATION 2013+50.00, S.N. 010-8145
CULVERT NO. 4

PLOT DATE = 10/27/2009
 FILE NAME = c:\pva\wpk\p\p\DOT\CARRROLL\808\445\70623\Culvert No. 4 & 8.dwg
 PLOT SCALE = 1/8" = 1'-0"
 USER NAME = carroll