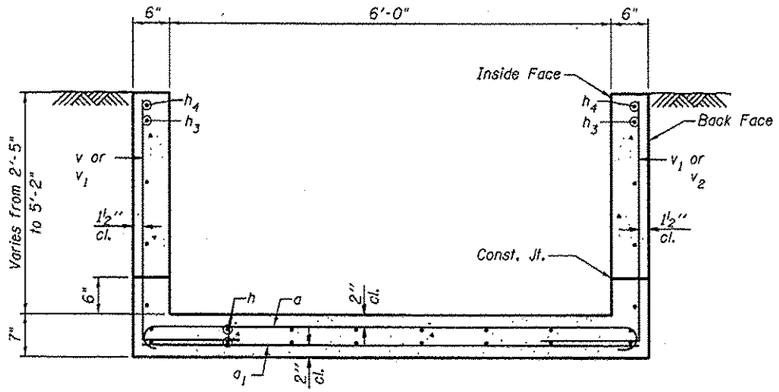
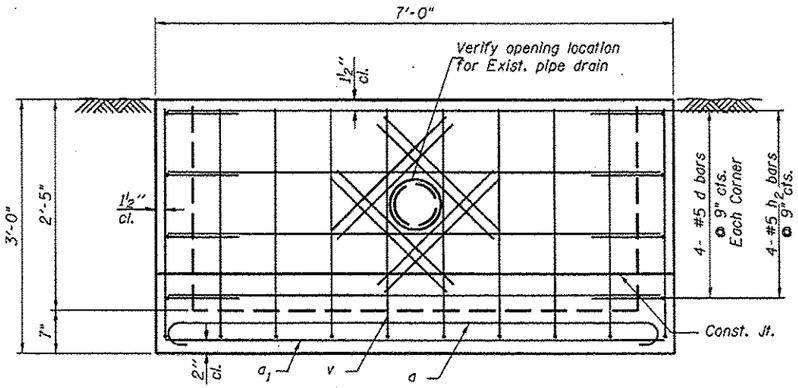
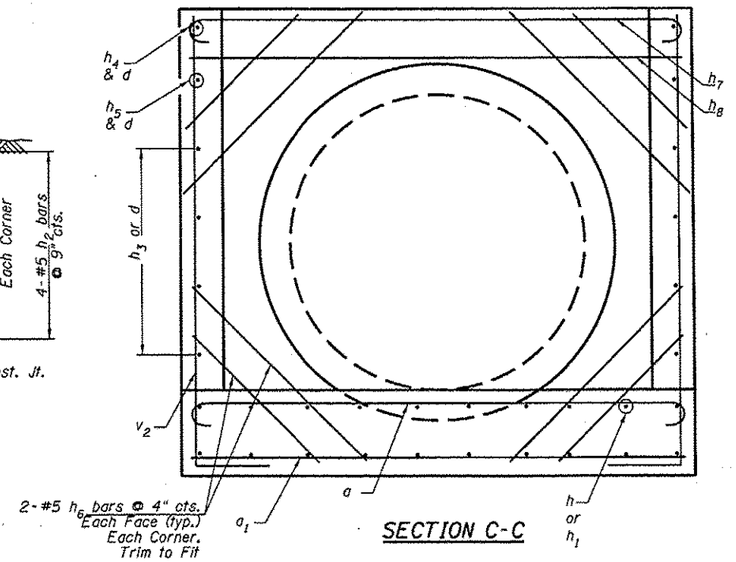


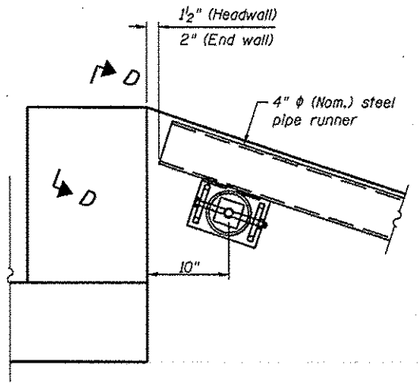
SECTION A-A



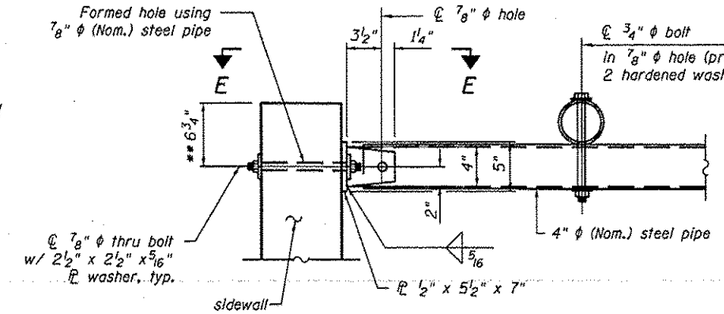
VIEW B-B



SECTION C-C

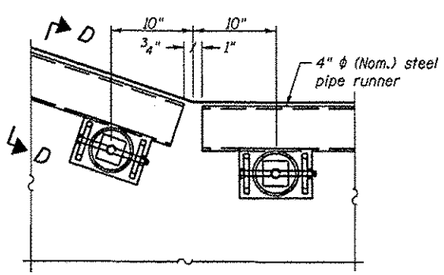


DETAIL A

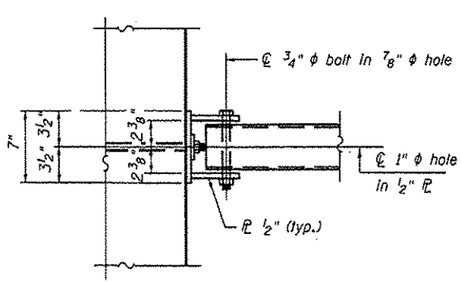


SECTION D-D

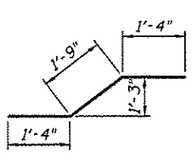
** Measured perpendicular to top of sidewall. In addition, formed hole shall be located a minimum of 6" measured horizontally from any vertical joints necessary for construction of the culvert extension with drop box.



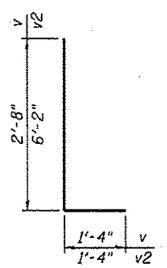
DETAIL B



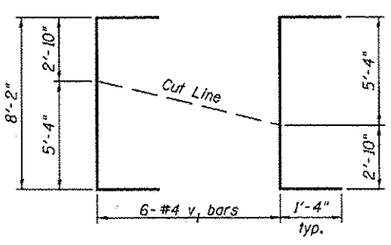
VIEW E-E



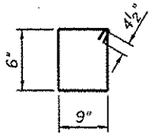
BAR h_1



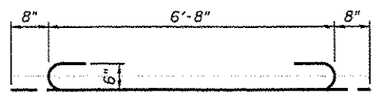
BAR v and v_2



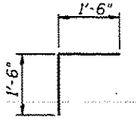
BAR v_1 CUTTING DIAGRAM



BAR s



BAR a and h_7



BAR d

BILL OF MATERIAL

(For Information Only)

Bar	No.	Size	Length	Shape
a	34	#5	8'-0"	
a_1	23	#5	6'-8"	
d	20	#5	3'-0"	
h	16	#4	16'-7"	
h_1	8	#5	4'-5"	
h_2	4	#5	6'-8"	
h_3	8	#5	17'-7"	
h_4	2	#5	13'-0"	
h_5	2	#5	5'-11"	
h_6	24	#5	4'-6"	
h_7	2	#6	8'-0"	
h_8	2	#6	6'-8"	
s	7	#4	3'-3"	
v	24	#5	4'-0"	
v_1	13	#5	10'-10"	
v_2	4	#5	7'-6"	

	DESCRIPTION	UNIT	QTY.
*	Concrete Structures	Cu. Yd.	6.1
*	Reinforcement Bars	Pound	1,380
**	4" Galv. Steel Pipe	2 @	5'-9"
		4 @	5'-8"
		2 @	10'-5"
**	¾" Galv. Steel Bolts	Each	8
**	Side Assembly	Each	8

*Included in Drop Box. No. 2

**Included in Traversable Pipe Grates with all hardware and steel for Assemblies

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HRGreen.com
Illinois Professional Design Firm #184-001322
HRGreen

USER NAME = STLCO_designconsultant	DESIGNED - KJB	REVISED -	
	CHECKED - DFM	REVISED -	
PLOT SCALE = NTS	DRAWN - KJB	REVISED -	
PLOT DATE = 10/11/2012	CHECKED - DFM	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS
DROP BOX NO. 2
SHEET NO. 5-2 OF 5-2 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
226	(3T & 3) BR-1	HENRY	210	67
		CONTRACT NO. 64F25		
		ILLINOIS FED. AID PROJECT		