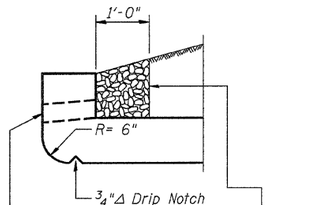
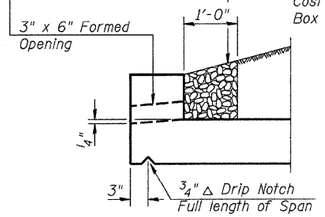


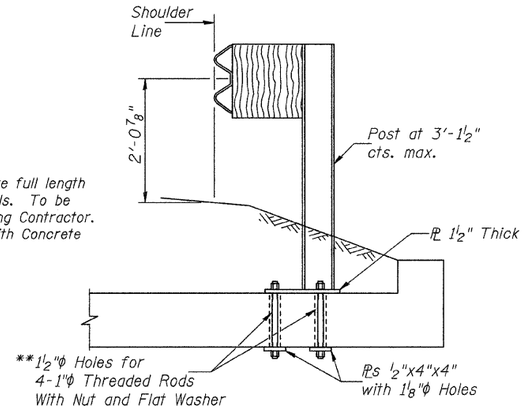
AT UPSTREAM END

Coarse aggregate full length of both headwalls. To be placed by Grading Contractor. Cost included with Concrete Box Culverts.



AT DOWNSTREAM END

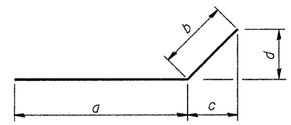
DRAIN DETAIL



CROSS SECTION AT RAIL

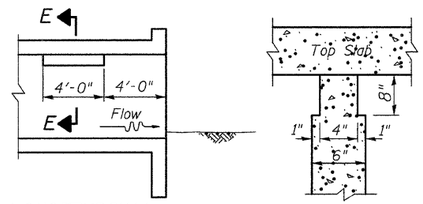
(See Std. 630101)

** Holes shall be cast into slab.



Bar	a	b	c	d
h_4	6'-0"	3'-0"	1'-6"	2'-7"
h_5	8'-9"	3'-0"	1'-6"	2'-7"
h_6	6'-0"	3'-0"	2'-7"	1'-6"
h_7	15'-7"	3'-0"	2'-7"	1'-6"
h_8	6'-0"	3'-0"	1'-6"	2'-7"
h_9	11'-2"	3'-0"	1'-6"	2'-7"
h_{10}	6'-0"	3'-0"	2'-7"	1'-6"
h_{11}	8'-0"	3'-0"	2'-7"	1'-6"

BARS h_4, h_5, h_6, h_7, h_8, h_9, h_{10}, & h_{11}



LONGITUDINAL SECTION

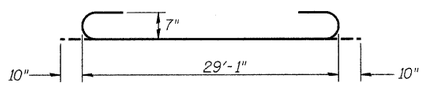
SECTION E-E

Interior Wall

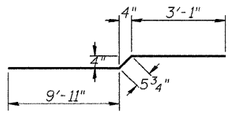
Note: Notch by rough-finished board attached to and removed with formwork, each interior wall. (Do not chamfer)

PHOEBE NESTING SITE DETAIL

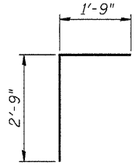
(Downstream End Only)



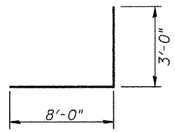
BAR a



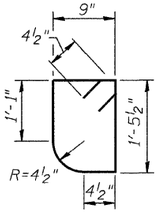
BAR h_{12}



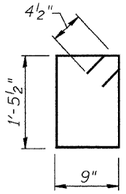
BAR d



BAR h_{13}



BAR s

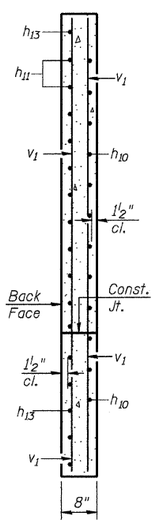


BAR s_1

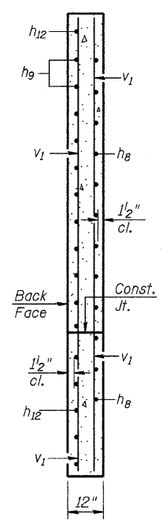
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a	150	#7	30'-9"	
a_1	150	#8	20'-0"	
a_2	46	#4	7'-8"	
d	52	#4	4'-6"	
h	92	#5	26'-3"	
h_1	100	#5	26'-3"	
h_2	36	#5	26'-3"	
h_3	18	#6	28'-6"	
h_4	13	#7	9'-0"	
h_5	18	#7	11'-9"	
h_6	16	#8	9'-0"	
h_7	23	#8	18'-7"	
h_8	12	#7	9'-0"	
h_9	13	#7	14'-2"	
h_{10}	12	#6	9'-0"	
h_{11}	13	#6	11'-0"	
h_{12}	3	#7	13'-6"	
h_{13}	4	#6	11'-0"	
h_{14}	1	#7	14'-3"	
s	30	#4	5'-0"	
s_1	30	#4	5'-2"	
v	211	#4	6'-4"	
v_1	16	#4	10'-5"	
Concrete Box Culverts			CU YD	131.2
① Reinforcement Bars			POUND	29,400

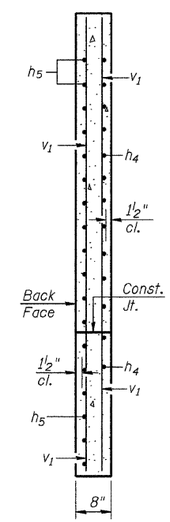
① See Special Provisions



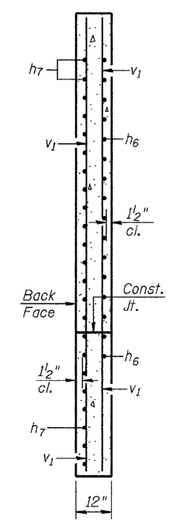
SECTION A-A



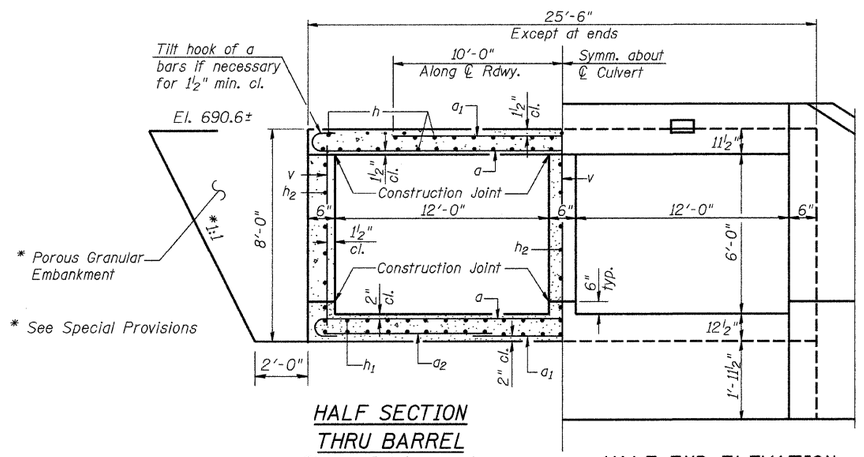
SECTION B-B



SECTION C-C



SECTION D-D



* See Special Provisions

HALF SECTION THRU BARREL

Showing Reinforcement

HALF END ELEVATION

Showing Dimensions

CULVERT DETAILS
COUNTY HIGHWAY 37 OVER
WEST BRANCH OF HORSE CREEK
SECTION 07-00222-01-BR
IROQUOIS COUNTY
STATION 29+95.51

SHEET NO. 3	ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7 SHEETS	CH 37	07-00222-01-BR	IROQUOIS	19	9
	S.N. 038-4809		CONTRACT NO. 87431		
	FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT BRS-1322(124)		

2599CULV03