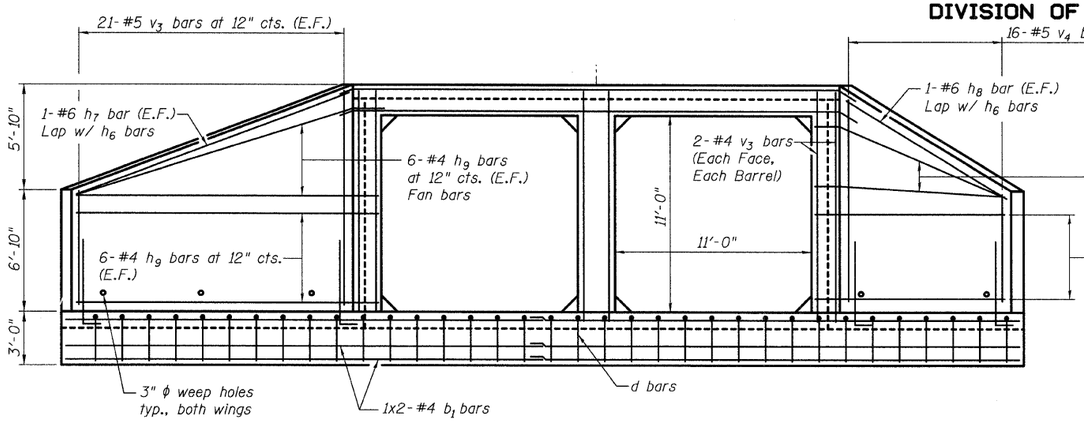
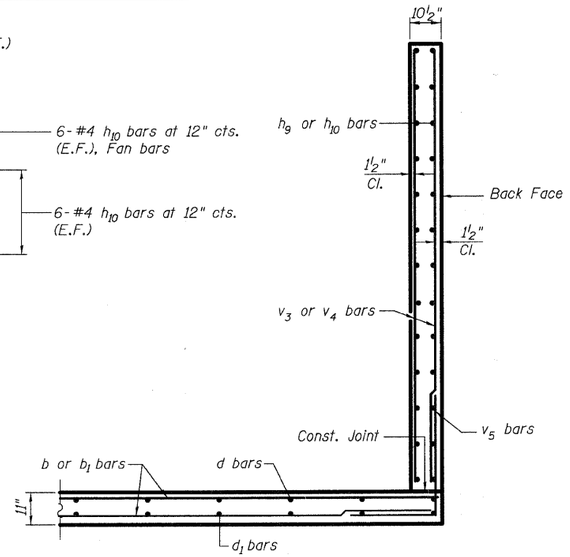
KANE COUNTY
DIVISION OF TRANSPORTATION



END ELEVATION



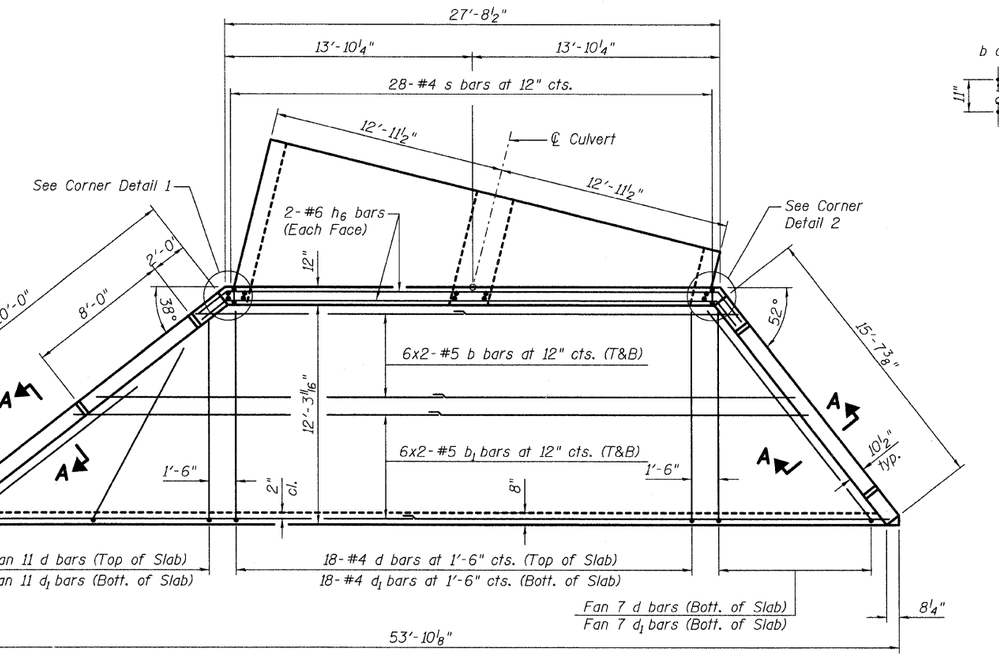
SECTION A-A

**BILL OF MATERIAL

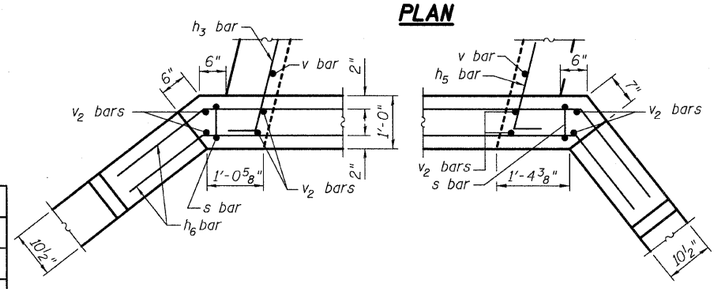
Bar	No.	Size	Length	Shape	Bar	No.	Size	Length	Shape
a_1	16	#8	27'-3"		h_6	8	#6	33'-6"	
a_2	4	#4	25'-5"		h_7	4	#6	20'-6"	
a_3	4	#5	25'-5"		h_8	4	#6	16'-3"	
a_4	24	#8	27'-3"		h_9	48	#4	20'-9"	
a_5	3	#4	20'-6"		h_{10}	48	#4	17'-1"	
a_6	4	#5	21'-6"						
b	48	#5	20'-8"		s	56	#4	4'-9"	
b_1	56	#5	27'-4"						
					v	102	#4	11'-2"	
d	72	#4	14'-8"		v_1	102	#4	2'-6"	
d_1	72	#4	12'-0"		v_2	24	#4	12'-10"	
					v_3	42	#5	18'-10"	
h	25	#8	11'-0"		v_4	32	#5	18'-10"	
h_1	50	#5	8'-9"		v_5	74	#6	7'-10"	
h_2	25	#4	11'-0"						
h_3	22	#7	9'-9"						
h_4	44	#7	6'-3"						
h_5	22	#7	3'-3"						
Box Culvert End Section								Each	2
Concrete Structures								Cu. Yd.	102.8
Reinforcement Bars								Pound	30,110

Bars indicated thus 1x4-#5 etc. indicates 1 lines of bars with 4 lengths per line.

**Bill of Material is for two (2) end sections.
For information only.



PLAN



CORNER DETAIL 1

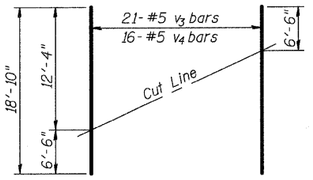
CORNER DETAIL 2

LEGEND

E.F. = Each Face
T&B = Top & Bottom

MIN. BAR LAP

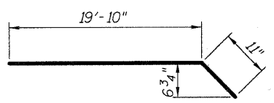
#5 bar = 2'-2"
#6 bar = 3'-7"



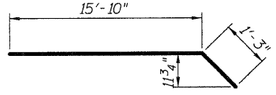
(2 sets)

FIELD CUTTING DIAGRAM

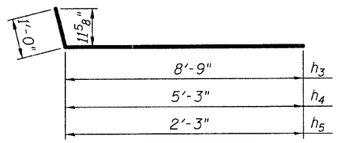
Order bars full length. Cut as shown and use remainder of bars in opposite face.



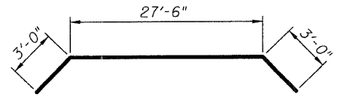
BAR h_9



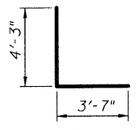
BAR h_{10}



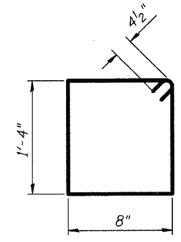
BARS h_3, h_4 & h_5



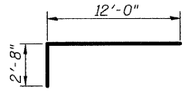
BAR h_6



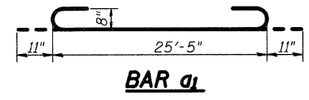
BAR v_6



BAR s



BAR d



BAR a_1

END SECTION DETAILS
KESLINGER ROAD OVER WELCH CREEK
FAS 0110, SEC. 01-00267-00-BR
KANE COUNTY
STATION 311+10.50
STRUCTURE NO. 045-3159

DESIGNED	MJD
CHECKED	AEU
DRAWN	MJD
CHECKED	AEU

WILLS BURKE KELSEY ASSOCIATES LTD.
116 West Main Street, Suite 201
St. Charles, Illinois 60174
(630) 443-7755

SHEET NO. S-2
S-4 SHEETS

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0110	01-00267-00-BR	KANE	37	19
		CONTRACT NO. 83994		
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

FILE NAME = P:\KOBEL WEST Projects\2289\12312R\Roadway\Plan\Structural\Open Pre-Final May 2289\12R501.dgn