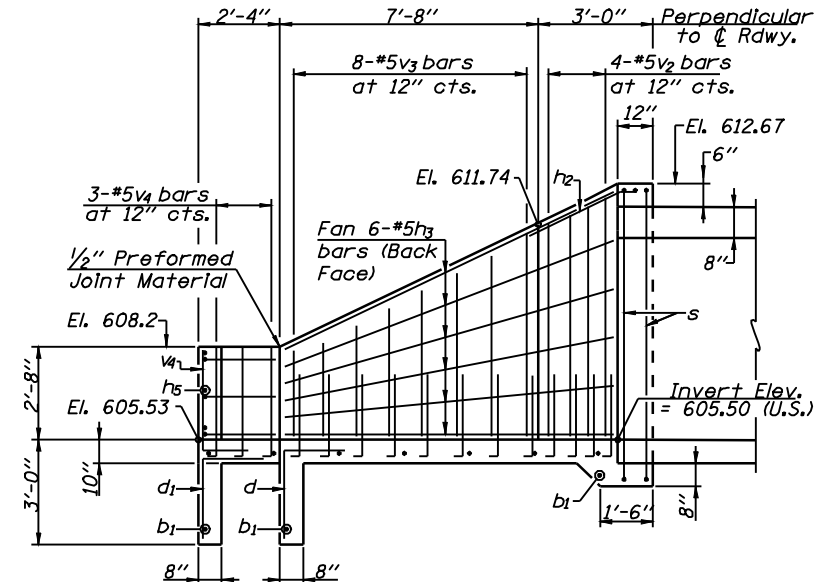
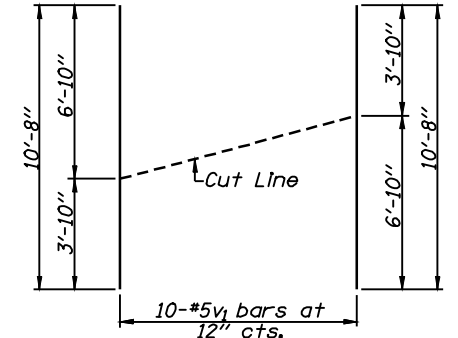


END ELEVATION

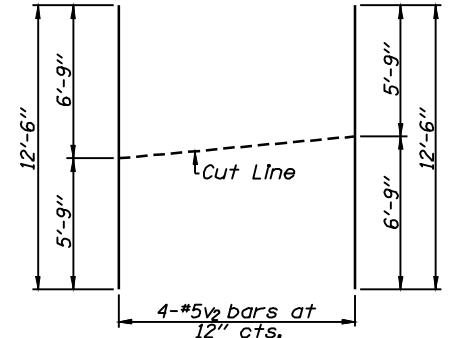


SIDE ELEVATION



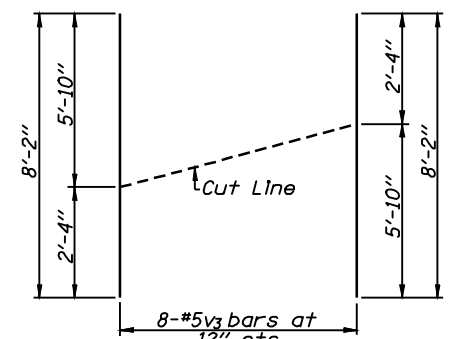
BAR v1 CUT DIAGRAM

Note: Order bars full length. Lay out in field as shown. Cut along cut line. Use remainder of v1 in opposite wing wall.



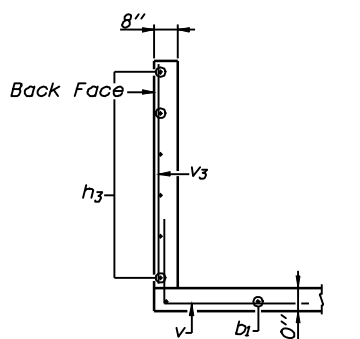
BAR v2 CUT DIAGRAM

Note: Order bars full length. Lay out in field as shown. Cut along cut line. Use remainder of v2 in opposite wing wall.

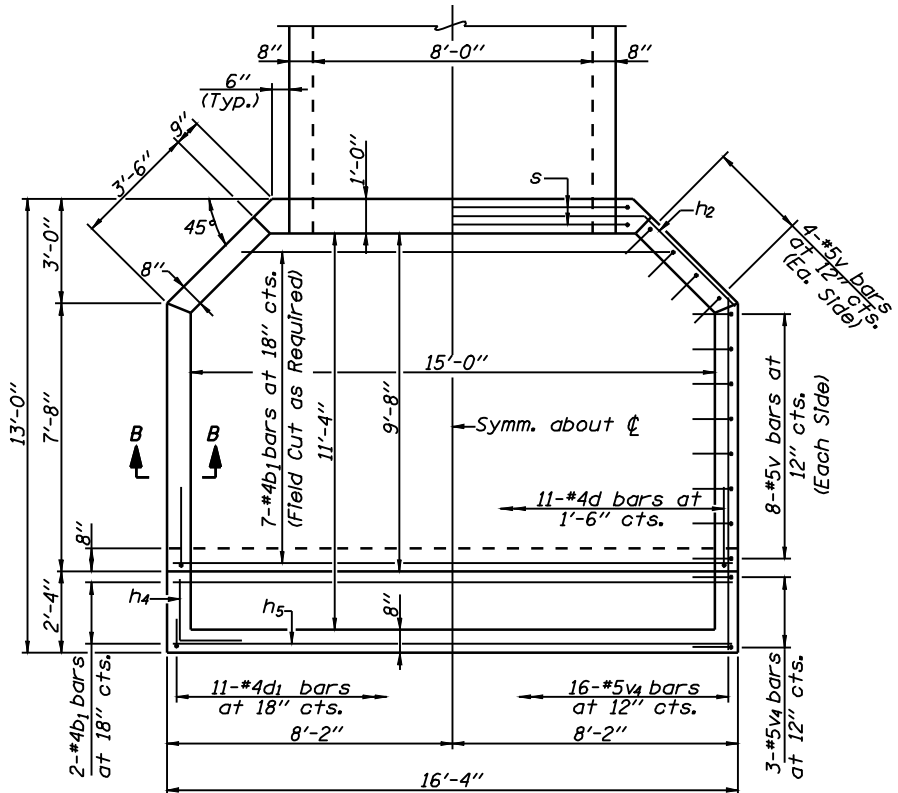


BAR v3 CUT DIAGRAM

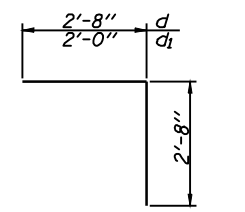
Note: Order bars full length. Lay out in field as shown. Cut along cut line. Use remainder of v3 in opposite wing wall.



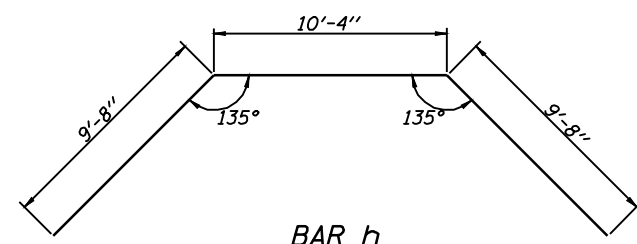
SECTION B-B



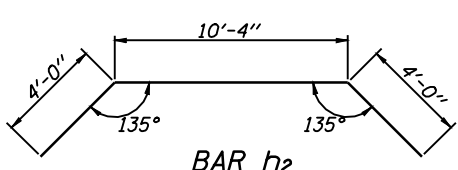
PLAN



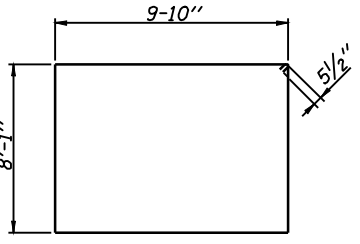
BARS d & d1



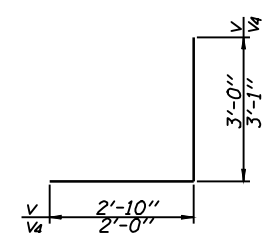
BAR h



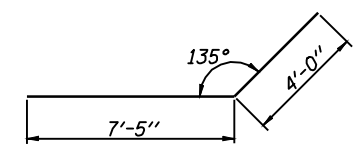
BAR h2



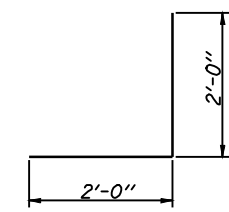
BAR s



BARS v & v4



BAR h3



BAR h4

TWO END SECTIONS
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
b	7	#4	24'-6"	—
b1	12	#4	16'-0"	—
d	27	#4	5'-4"	┘
d1	11	#4	4'-8"	┘
h	1	#5	29'-8"	∩
h1	10	#5	9'-8"	—
h2	1	#5	18'-4"	∩
h3	12	#5	11'-5"	—
h4	6	#5	4'-0"	┘
h5	3	#5	16'-0"	—
s	4	#5	36'-9"	□
v	44	#5	5'-10"	┘
v1	10	#5	10'-8"	—
v2	4	#5	12'-6"	—
v3	8	#5	8'-2"	—
v4	22	#5	5'-1"	┘
Concrete Box Culverts			Cu. Yd.	22.0
Reinforcement Bars			Pound	1511

(Bill of Material for information only. Concrete and reinforcement included with Box Culvert End Sections.)

CULVERT DETAILS
WABASH AVENUE OVER
WATERWAY NO. 1
STA. 398+25.00
SANGAMON COUNTY



Allen Henderson & Associates, Inc.
Civil and Structural Engineers Springfield, IL
62708 Phone: (217)544-8033 IL Design Firm
No. 184-001907

SHEET NO. 3
5 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
8012	21(I-3)	SANGAMON	147	59
CONTRACT NO. 72A02				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		