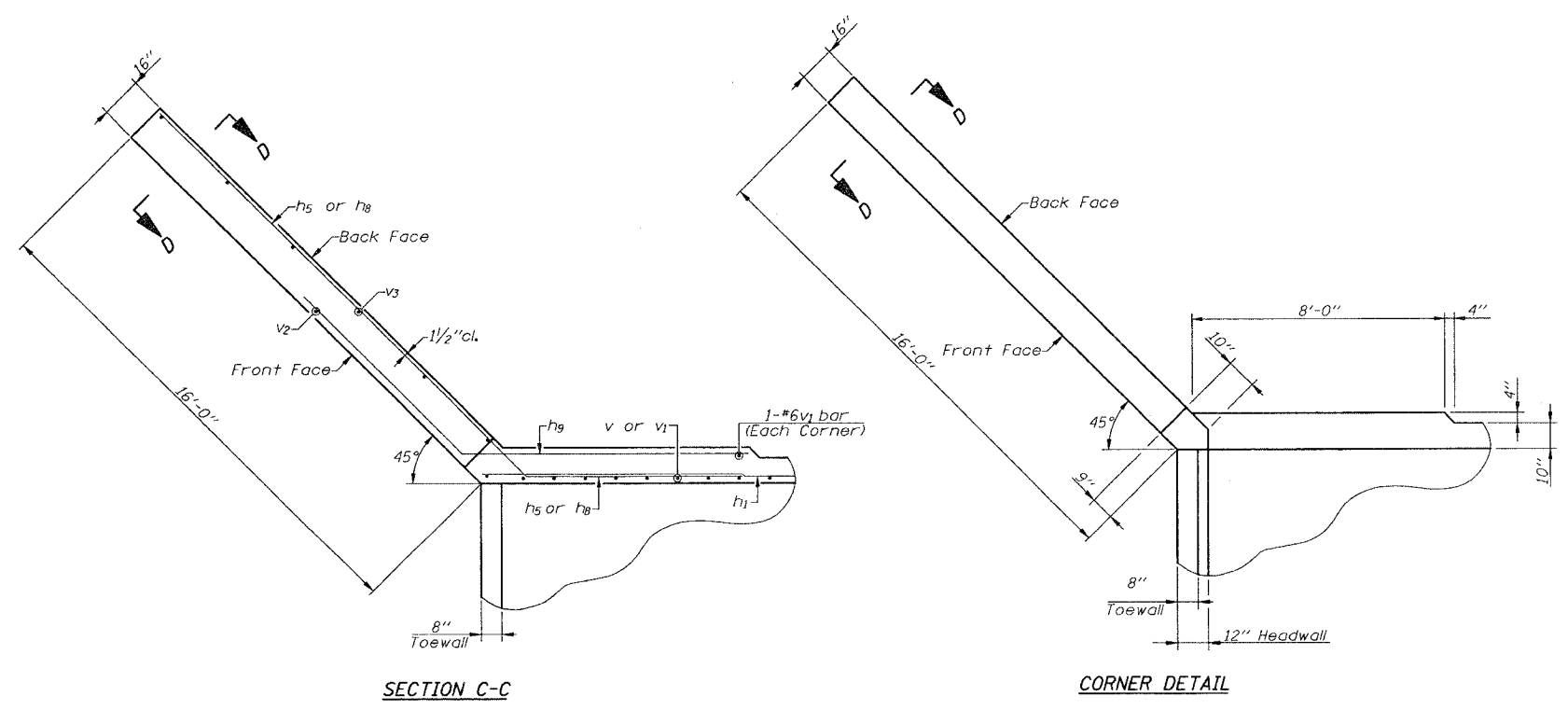
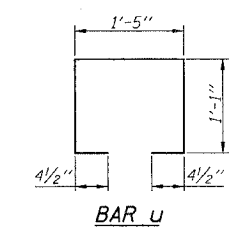
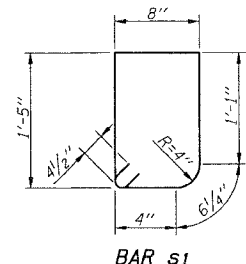
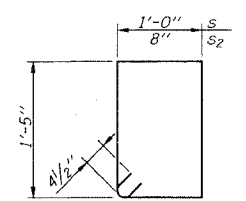
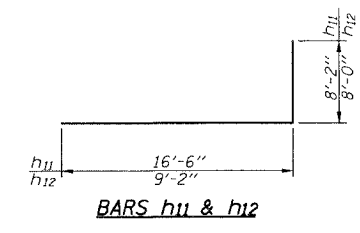
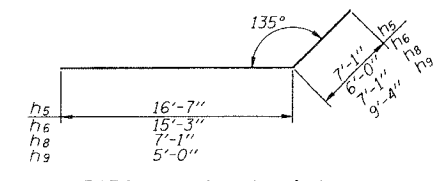


Note: Order v3 bars full length. Lay out in field as shown. Cut along cut line. Use remainder of bar in opposite face of footing.



BILL OF MATERIAL

Bar	No.	Size	Length	Shape
d	66	#8	26'-2"	—
d1	64	#7	11'-2"	—
d2	130	#6	27'-6"	—
d	54	#4	4'-8"	—
h	216	#5	25'-5"	—
h1	72	#6	25'-4"	—
h2	8	#6	26'-4"	—
h3	8	#7	26'-2"	—
h4	8	#6	26'-2"	—
h5	18	#9	23'-8"	—
h6	10	#9	21'-3"	—
h7	12	#4	15'-8"	—
h8	10	#9	14'-2"	—
h9	28	#9	14'-4"	—
h10	8	#9	22'-0"	—
h11	26	#9	24'-8"	—
h12	26	#9	17'-2"	—
h13	8	#4	17'-2"	—
s	27	#4	5'-7"	□
s1	27	#4	4'-9"	□
s2	54	#4	4'-11"	□
u	54	#4	4'-4"	□
v	186	#6	4'-0"	—
v1	190	#6	10'-3"	—
v2	2	#5	12'-8"	—
v3	6	#5	23'-4"	—
v4	14	#5	14'-5"	—
Concrete Box Culverts		Cu. Yd.	207.4	
Reinforcement Bars		Pound	34610	
Bar Splicers		Each	144	

Work this sheet with Sheet Nos. 4 and 6 of 9.

CULVERT DETAILS
F.A.P. ROUTE 103 (OLD IL. ROUTE 13)
OVER TRIBUTARY TO RICHLAND CREEK
SECTION 27-3BR
ST. CLAIR COUNTY
STA. 85+70.00
S.N. 082-2042