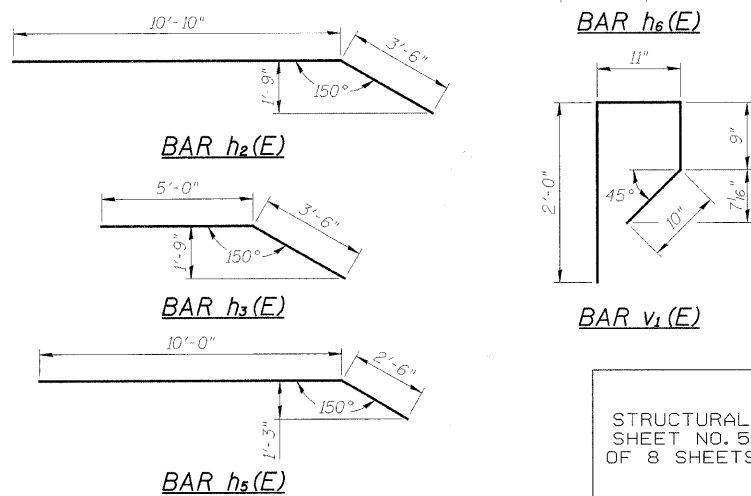


MIN. BAR LAPS	
BAR	LAP
#4	1'-8"
#5	2'-2"
#6	2'-7"
#7	3'-5"
#8	4'-6"



BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h(E)	5	#5	39'-9"	—
h1(E)	5	#5	38'-10"	—
h2(E)	12	#8	14'-4"	—
h3(E)	14	#8	8'-6"	—
h4(E)	4	#5	10'-0"	—
h5(E)	4	#5	12'-6"	—
h6(E)	12	#5	5'-6"	—
h7(E)	8	#6	2'-6"	—
v(E)	48	#4	4'-7"	—
v1(E)	40	#4	4'-6"	P
v2(E)	40	#5	2'-0"	—
v3(E)	13	#4	7'-2"	—
v4(E)	13	#4	6'-10"	—
Porous Granular Embankment				Cu. Yd. 19
Concrete Removal				Cu. Yd. 12.6
Structure Excavation				Cu. Yd. 29
Concrete Structures				Cu. Yd. 9.9
Reinforcement Bars				Pound 1,850

NOTES:
 Wing Reinforcement Shown Is Typical, Unless Shown Otherwise.
 All Exposed Edges Shall Have Standard 3/4" Chamfers, Except As Noted.
 Hatched Portion Of Wingwalls To Be Poured With Superstructure.
 Backfill shall be placed behind the abutment after the superstructure has been poured and falsework removed. See Article 502.10 of the Standard Specifications.
 Existing reinforcement shall be cleaned and incorporated into the new construction. Cost included with Concrete Removal.

NORTH ABUTMENT DETAILS
 INDEPENDENCE AVE. OVER S. BR. OF KENT CK.
 STA. 20+00 (S.N. 101-6125)
 SECTION 98-00484-00-BR
 CITY OF ROCKFORD
 WINNEBAGO COUNTY
 WHA # 1038R08

STRUCTURAL SHEET NO. 5 OF 8 SHEETS	M.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	6548B	98-00484-00-BR	WINNEBAGO	18	12
FED. ROAD DIST. NO. ILLINOIS			FED. AID PROJECT BHM-5099(50)		
			CONTRACT NO. 85453		