



**NORTH ABUTMENT
BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
h1(E)	4	#6	19'-4"	—
h2(E)	4	#6	22'-10"	—
h3(E)	5	#5	8'-9"	—
h4(E)	5	#5	9'-4"	—
h5(E)	5	#5	9'-0"	—
h6(E)	8	#4	8'-8"	—
h7(E)	6	#4	9'-8"	—
h8(E)	8	#4	9'-8"	—
h9(E)	6	#4	8'-7"	—
h10(E)	4	#5	6'-4"	—
h11(E)	2	#4	9'-3"	—
h12(E)	2	#4	9'-1"	—
s(E)	10	#5	3'-1"	—
v1(E)	21	#6	6'-4"	—
v2(E)	15	#6	6'-10"	—
v3(E)	6	#6	6'-1"	—
v4(E)	20	#6	4'-0"	—
v5(E)	40	#5	3'-9"	—
Structure Excavation		Cu.Yd.	22	
Concrete Structures		Cu.Yd.	5.7	
Reinforcement Bars, Epoxy Coated		Pound	1375	
Bar Splicers		Each	4	

Notes:
Hatched area to be poured after superstructure forms have been removed.
Quantity of concrete for hatched area and end post is included in "Concrete Superstructure" on Sheet 6 of 18.
Existing reinforcement extending into the removed area and extending into the proposed construction shall be cleaned, straightened and incorporated into the new construction.
Existing reinforcement extending into the removed area and not into the proposed construction shall be cut off flush with the existing concrete surface and sealed with epoxy. Cost included with "Concrete Removal".
Reinforcement bars designated (E) shall be epoxy coated.
For anchor bolt installation details, see Sheets 10 & 11 of 18.
All edges shall have a 3/4" chamfer except as noted.
Work this sheet with Sheet 16 of 18.

DESIGNED	- MAH
CHECKED	- APH
DRAWN	- JRP
CHECKED	- MAH

**NORTH ABUTMENT
IL. ROUTE 29 OVER CRANE CREEK
F.A.P. ROUTE 656 - SECTION (11)
TAZEWELL COUNTY
STA. 166+53.50
S.N. 090-0053**