



**EAST ABUTMENT
BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
h ₁ (E)	10	#5	6'-6"	
h ₂ (E)	10	#5	6'-6"	
h ₃ (E)	10	#4	13'-3"	
h ₄ (E)	8	#4	13'-3"	
h ₆ (E)	7	#4	12'-5"	
h ₇ (E)	8	#6	28'-10"	
h ₈ (E)	20	#5	28'-10"	
h ₉ (E)	11	#4	14'-0"	
n(E)	11	#6	11'-4"	
n ₁ (E)	6	#6	5'-6"	
n ₂ (E)	14	#6	11'-4"	
p ₁ (E)	12	#7	14'-0"	
p ₂ (E)	36	#7	30'-3"	
p ₃ (E)	6	#4	38'-6"	
p ₄ (E)	6	#4	30'-6"	
s(E)	148	#4	18'-5"	
s ₁ (E)	28	#4	9'-5"	
s ₂ (E)	47	#4	7'-2"	
u(E)	4	#6	13'-3"	
u ₁ (E)	4	#6	9'-8"	
v(E)	120	#4	6'-2"	
v ₁ (E)	60	#4	3'-4"	
v ₂ (E)	60	#6	3'-10"	
v ₃ (E)	3	#6	7'-2"	
v ₄ (E)	12	#6	9'-1"	
v ₅ (E)	14	#5	9'-2"	
v ₆ (E)	28	#5	4'-9"	
Structure Excavation		Cu. Yd.	100	
Concrete Structures		Cu. Yd.	86.0	
Reinforcement Bars, Epoxy Coated		Pound	8,530	
Furnishing Steel Piles HP 12x63		Foot	252	
Driving Piles		Foot	252	
Test Pile Steel HP12x63		Each	1	
Concrete Encasement		Cu. Yd.	4.5	
Concrete Sealer		Sq. Ft.	248	

Notes: Reinforcement bars designated (E) shall be epoxy coated.
For details of Bar Splicers, see sheet 49 of 60.
For details of Piles and Concrete Encasement, see sheet 50 of 60.

**EAST ABUTMENT DETAILS
STRUCTURE NO. 099-4105**

DESIGNED	JOH
CHECKED	BAN
DRAWN	TC
CHECKED	JOH

SHEET NO. 44 60 SHEETS	RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	TR 55	90-16103-01-BR	WILL	255	188
	SN 099-4105		CONTRACT NO. 83126		
	FED. ROAD DIST. NO. 7 ILLINOIS		FED. AID PROJECT BRS-		