



**WEST ABUTMENT  
BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
h(E)	10	#5	22'-7"	—
h <sub>1</sub> (E)	10	#5	6'-6"	∩
h <sub>2</sub> (E)	10	#5	6'-6"	∩
h <sub>3</sub> (E)	28	#4	13'-3"	—
h <sub>4</sub> (E)	8	#4	13'-3"	—
h <sub>5</sub> (E)	8	#6	22'-7"	—
n(E)	11	#6	11'-4"	—
n <sub>1</sub> (E)	6	#6	5'-6"	—
n <sub>2</sub> (E)	14	#6	11'-4"	—
p(E)	36	#7	25'-6"	—
p <sub>1</sub> (E)	12	#7	14'-0"	—
s(E)	120	#4	18'-5"	□
s <sub>1</sub> (E)	28	#4	9'-5"	□
u(E)	4	#6	13'-3"	—
u <sub>1</sub> (E)	4	#6	9'-8"	—
v(E)	92	#5	6'-2"	—
v <sub>1</sub> (E)	46	#4	3'-4"	—
v <sub>2</sub> (E)	46	#5	3'-10"	—
v <sub>3</sub> (E)	3	#6	7'-2"	—
v <sub>4</sub> (E)	12	#6	9'-1"	—
v <sub>5</sub> (E)	14	#6	9'-2"	—
v <sub>6</sub> (E)	28	#6	4'-9"	—
Structure Excavation		Cu. Yd.	70	
Concrete Structures		Cu. Yd.	63.7	
Reinforcement Bars, Epoxy Coated		Pound	6,920	
Furnishing Steel Piles HP 12x63		Foot	250	
Driving Piles		Foot	250	
Test Pile Steel HP12x63		Each	1	
Concrete Encasement		Cu. Yd.	3.8	
Concrete Sealer		Sq. Ft.	192	

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

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

DESIGNED	JOH
CHECKED	BAN
DRAWN	TC
CHECKED	JOH

SHEET NO. 41 60 SHEETS	RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	TR 55	90-16103-01-BR	WILL	255	185
		SN 099-4105		CONTRACT NO. 83126	
	FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT BRS-		