



**BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
h(E)	24	#5	9'-2"	—
h1(E)	24	#5	9'-11"	—
h2(E)	3	#4	19'-5"	—
h3(E)	3	#4	14'-7"	—
p(E)	11	#7	40'-1"	—
p1(E)	11	#7	35'-3"	—
s2(E)	68	#4	11'-7"	□
s3(E)	35	#4	5'-9"	□
u(E)	10	#6	7'-5"	□
v1(E)	148	#5	4'-4"	—
v2(E)	7	#5	10'-11"	—
v3(E)	7	#5	10'-7"	—
Structure Excavation		Cu. Yd.	59.0	
Concrete Structures		Cu. Yd.	29.5	
Reinforcement Bars, Epoxy Coated		Pound	3840	
Furnishing Steel Piles HP10x42		Foot	230	
Driving Piles		Foot	230	
Test Pile Steel HP10x42		Each	1	
Concrete Encasement		Cu. Yd.	3.8	
Anchor Bolts 1"		Each	22	

**PILE DATA**

Type: Steel HP10x42  
 Nominal Required Bearing: 335 Kips  
 Factored Resistance Available: 184 Kips  
 Est. Length: 23'  
 No. Production Piles: 10  
 No. Test Piles: 1

Notes: Four steps monolithically with cap.  
 For details of piles and concrete encasement, see sheet 27 of 30.  
 For bar splicer details, see sheet 28 of 30.

