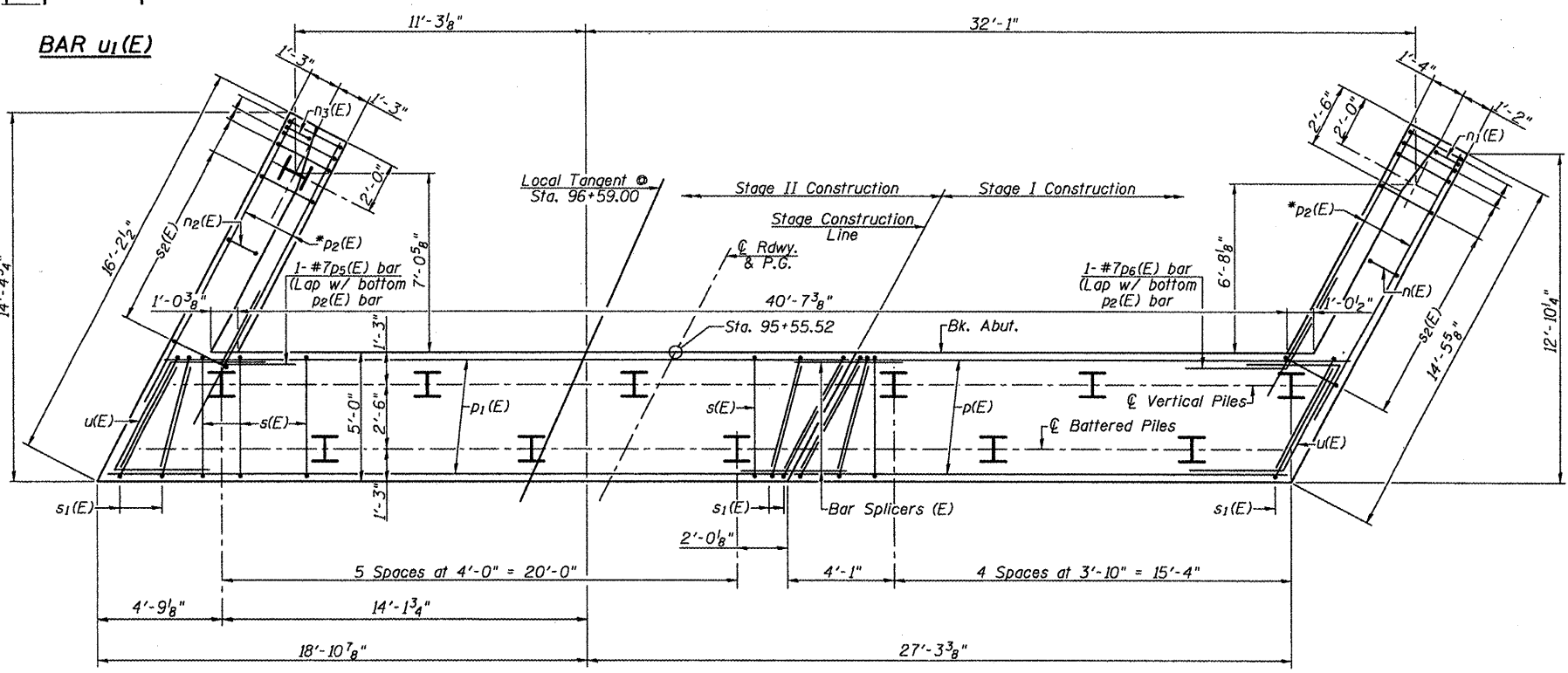


PILE DATA
 Type: HP 12x53
 Nominal Required Bearing: 419 kips
 Factored Resistance Available: 209 kips
 Est. Length: 83 ft.
 No. Production Piles: 12
 No. Test Piles: 1



**ABUTMENT
BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
h(E)	6	#5	17'-3"	—
h ₁ (E)	6	#5	24'-9"	—
h ₂ (E)	10	#5	7'-0"	┌
h ₃ (E)	10	#5	7'-0"	└
h ₄ (E)	11	#4	12'-3"	—
h ₅ (E)	14	#4	11'-10"	—
h ₆ (E)	11	#4	11'-0"	—
h ₇ (E)	5	#6	17'-3"	—
h ₈ (E)	5	#6	24'-9"	—
h ₉ (E)	3	#5	7'-0"	—
h ₁₀ (E)	3	#5	26'-6"	—
h ₁₁ (E)	3	#5	20'-4"	—
h ₁₂ (E)	3	#5	7'-4"	—
n(E)	8	#6	11'-4"	┌
n ₁ (E)	6	#6	5'-8"	└
n ₂ (E)	9	#6	13'-10"	┌
n ₃ (E)	6	#6	6'-11"	└
p(E)	8	#8	19'-0"	—
p ₁ (E)	8	#8	26'-6"	—
p ₂ (E)	12	#7	12'-6"	—
p ₅ (E)	1	#7	8'-4"	┌
p ₆ (E)	1	#7	8'-4"	└
s(E)	48	#5	16'-7"	┌
s ₁ (E)	14	#5	10'-8"	└
s ₂ (E)	23	#4	9'-5"	┌
u(E)	9	#6	13'-2"	┌
u ₁ (E)	32	#4	9'-8"	└
v(E)	86	#5	6'-6"	—
v ₁ (E)	43	#4	3'-4"	—
v ₂ (E)	24	#6	6'-2"	—
v ₃ (E)	6	#6	6'-2"	—
v ₄ (E)	18	#6	6'-4"	—
v ₅ (E)	43	#5	2'-10"	—
Structure Excavation	Cu. Yd.		73	
Concrete Structures	Cu. Yd.		53.5	
Reinforcement Bars, Epoxy Coated	Pound		5720	
Furnishing Steel Piles HP 12x53	Foot		996	
Driving Piles	Foot		996	
Test Pile Steel HP 12x53	Each		1	
Concrete Encasement	Cu. Yd.		4.5	
Concrete Sealer	Sq. Ft.		487	

**NORTH ABUTMENT
ILLINOIS ROUTE 26 OVER
COFFEE CREEK
F.A.S. ROUTE 2370
SECTION 1-BR
PUTNAM COUNTY
STA. 96+59.00
STRUCTURE NO. 078-0046**