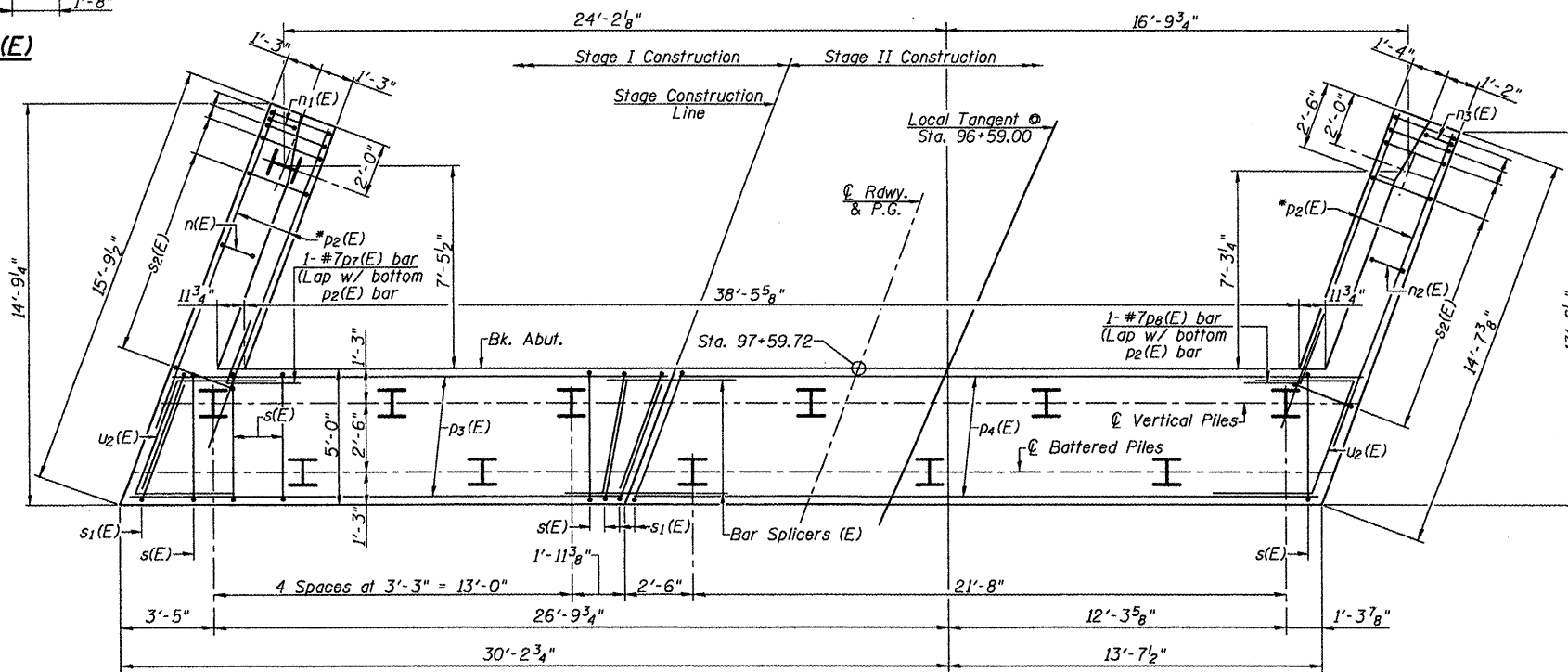


**ABUTMENT
BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
h4(E)	11	#4	12'-3"	—
h5(E)	14	#4	11'-10"	—
h6(E)	11	#4	11'-0"	—
h13(E)	6	#5	16'-3"	—
h14(E)	6	#5	23'-6"	—
h15(E)	5	#6	16'-3"	—
h16(E)	5	#6	23'-6"	—
h17(E)	10	#5	7'-0"	—
h18(E)	10	#5	7'-0"	—
h19(E)	3	#5	6'-8"	—
h20(E)	3	#5	25'-2"	—
h21(E)	3	#5	19'-8"	—
h22(E)	3	#5	7'-2"	—
n(E)	9	#6	11'-4"	—
n1(E)	6	#6	5'-8"	—
n2(E)	8	#6	13'-10"	—
n3(E)	6	#6	6'-11"	—
p2(E)	12	#7	12'-6"	—
p3(E)	8	#8	16'-11"	—
p4(E)	8	#8	25'-2"	—
p7(E)	1	#7	8'-4"	—
p8(E)	1	#7	8'-4"	—
s(E)	44	#5	16'-7"	—
s1(E)	8	#5	10'-8"	—
s2(E)	23	#4	9'-5"	—
u1(E)	31	#4	9'-8"	—
u2(E)	9	#6	12'-10"	—
v(E)	82	#5	6'-6"	—
v1(E)	41	#4	3'-4"	—
v2(E)	24	#6	6'-2"	—
v3(E)	6	#6	6'-2"	—
v4(E)	18	#6	6'-4"	—
v5(E)	41	#5	2'-10"	—
Structure Excavation	Cu. Yd.		73	
Concrete Structures	Cu. Yd.		51.4	
Reinforcement Bars, Epoxy Coated	Pound		5420	
Furnishing Steel Piles HP 12x53	Foot		1053	
Driving Piles	Foot		1053	
Concrete Encasement	Cu. Yd.		4.5	
Concrete Sealer	Sq. Ft.		463	

PILE DATA

Type: HP 12x53
 Nominal Required Bearing: 419 kips
 Factored Resistance Available: 209 kips
 Est. Length: 81 ft.
 No. Production Piles: 13
 No. Test Piles: 0



PLAN - PILE CAP

* Cut inside bottom p2(E) bar to miss pile. Lap w/ p7(E) or p8(E) bars

**SOUTH 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**