

S. APPR. PILE DATA

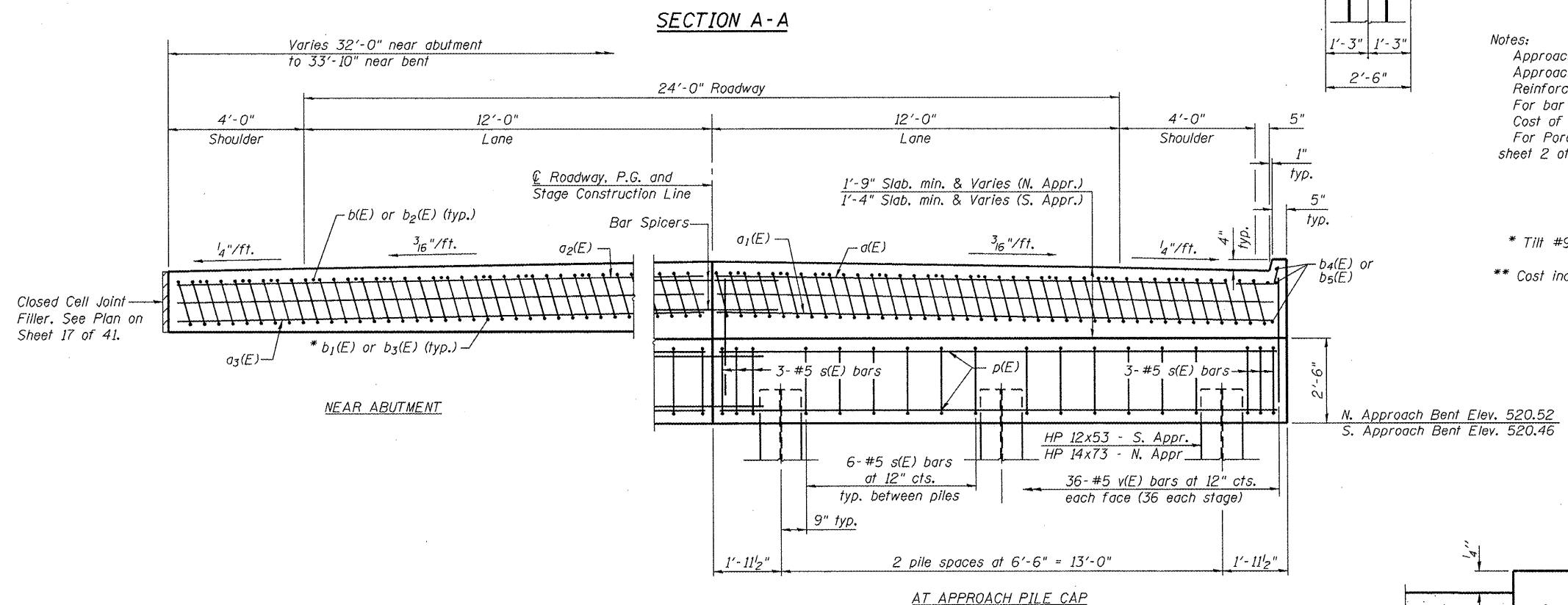
Type: HP 12x53 w/ Pile Shoes
 Nominal Required Bearing: 261 k
 Factored Resistance Available: 100 k
 Est. Length: 63'-0"
 No. Production Piles: 6
 No. Test Piles: 0

N. APPR. PILE DATA

Type: HP 14x73 w/ Pile Shoes
 Nominal Required Bearing: 518 k
 Factored Resistance Available: 100 k
 Est. Length: 73'-0"
 No. Production Piles: 6
 No. Test Piles: 0

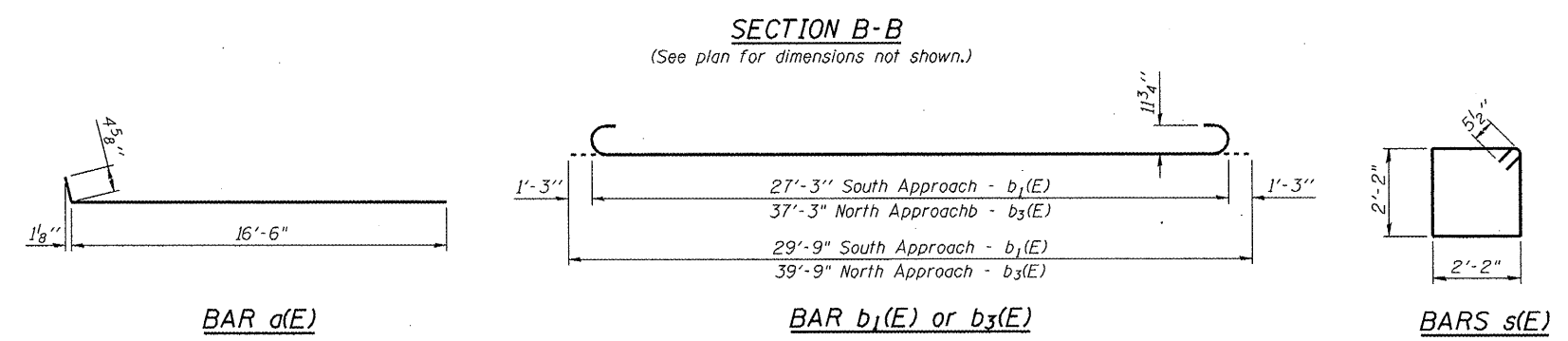
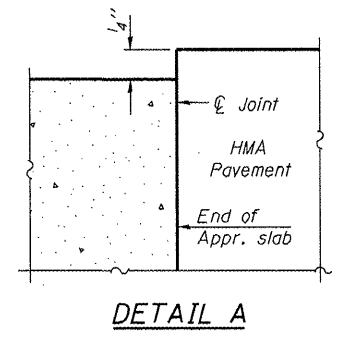
Notes:
 Approach slab concrete shall be paid for as Concrete Superstructure.
 Approach Pile Cap concrete shall be paid for as Concrete Structures.
 Reinforcement shall be paid for as Reinforcement Bars, Epoxy Coated.
 For bar splicer details, see sheet 32 of 41.
 Cost of excavation for approach pile cap included with Concrete Structures.
 For Porous Granular Embankment (Special) and drainage treatment details, see sheet 2 of 41.

* Till #9 b1(E) or b3(E) bars as required to maintain clearance.
 ** Cost included with Concrete Superstructure.



**TWO APPROACHES
 BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
a(E)	76	#4	16'-11"	—
a1(E)	142	#5	16'-7"	—
a2(E)	40	#4	15'-8"	—
a3(E)	72	#5	15'-8"	—
b(E)	28	#4	29'-8"	—
b1(E)	78	#9	29'-9"	—
b2(E)	28	#4	39'-8"	—
b3(E)	78	#9	39'-9"	—
b4(E)	6	#4	15'-8"	—
b5(E)	6	#4	25'-8"	—
p(E)	40	#7	16'-7"	—
s(E)	36	#5	9'-7"	—
v(E)	72	#5	3'-0"	—
Concrete Structures		Cu. Yd.	15.8	
Concrete Superstructure		Cu. Yd.	146.7	
Reinforcement Bars, Epoxy Coated		Pound	26,750	
Furnishing Steel Piles HP 12x53		Foot	378	
Furnishing Steel Piles HP 14x73		Foot	438	
Driving Piles		Foot	816	
Pile Shoes		Each	12	



(Sheet 2 of 2)