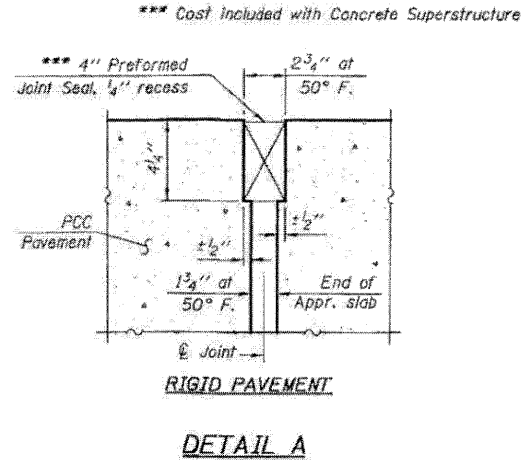
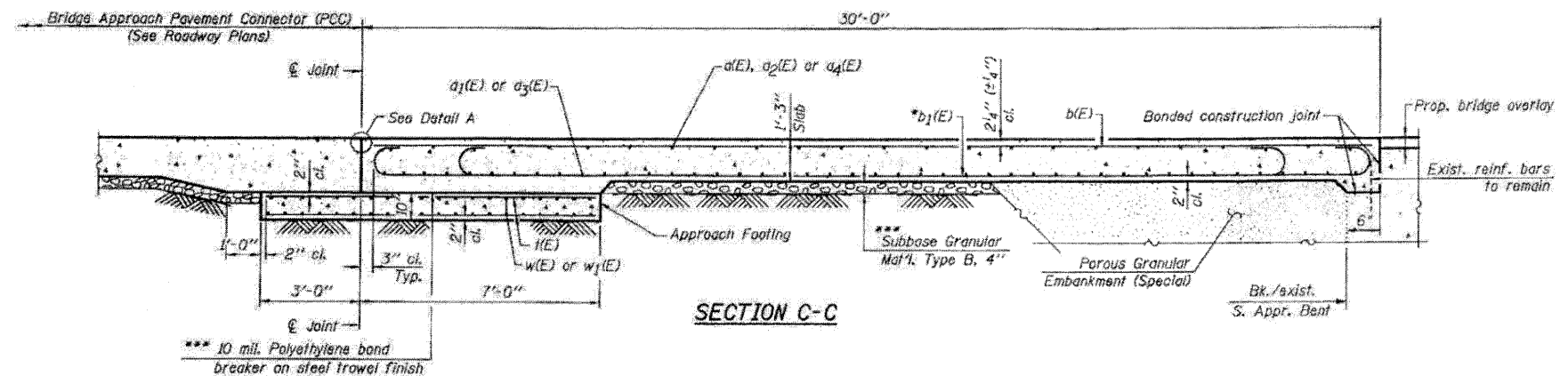
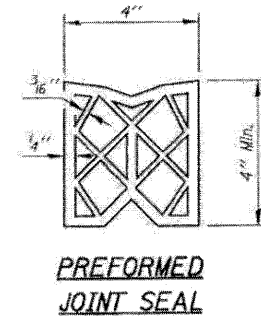
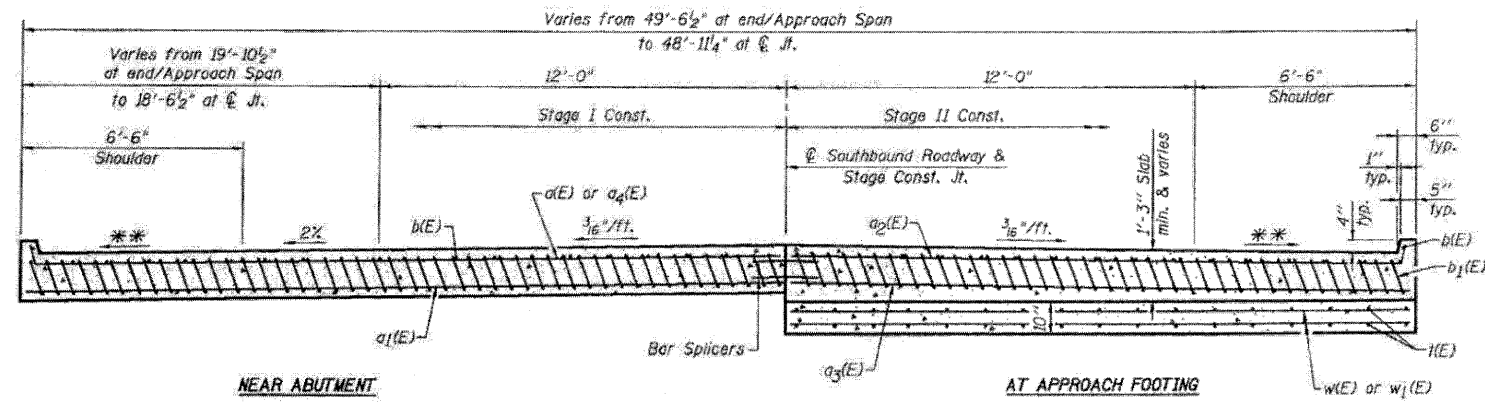


Notes:  
 Approach slab and parapet concrete shall be paid for as Concrete Superstructure.  
 Approach footing concrete shall be paid for as Concrete Structures.  
 Reinforcement shall be paid for as Reinforcement Bars, Epoxy Coated.  
 The approach footing maximum applied service bearing pressure ( $G_{max}$ ) = 2.0 ksf.  
 For bar splicer details, see sheet S26.  
 Cost of excavation for approach footing included with Concrete Structures.  
 Bars indicated thus 45x2-#5 etc., indicates 45 lines of Bars with 2 lengths per line.

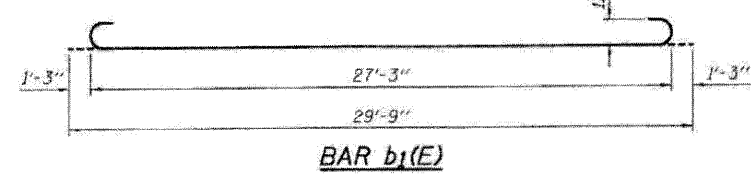
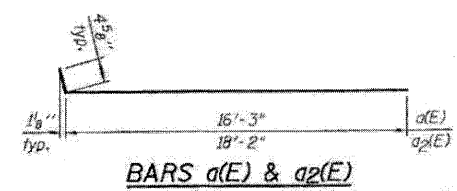


\* T111 #9b1(E) bars as required to maintain clearance.  
 \*\*\* Cost included with Concrete Superstructure.



ONE APPROACH  
 BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a(E)	25	#4	16'-8"	—
a1(E)	92	#5	16'-5"	—
a2(E)	25	#4	18'-7"	—
a3(E)	46	#5	18'-2"	—
a4(E)	25	#4	16'-3"	—
b(E)	43	#5	29'-8"	—
b1(E)	118	#9	29'-9"	—
w(E)	100	#4	9'-8"	—
w1(E)	80	#5	16'-3"	—
w1(E)	40	#5	18'-2"	—
Approach Slab Removal		Sq. Yd.	395	
Concrete Structures		Cu. Yd.	15.2	
Concrete Superstructure		Cu. Yd.	73.3	
Reinforcement Bars, Epoxy Coated		Pound	19,330	
Bar Splicers		Each	111	
Bridge Approach Shoulder Removal		Sq. Yd.	18	



\*\*  
 Varies from 2% at bridge to 4%

MIN. BAR LAP:  
 #4 bars = 1'-8"  
 #5 bars = 2'-2"