STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION 30'-0" −¢ Joint PCC or HMA Pavement (See Std. 420401) —Bar splicers (E) rb100 (E) _a_101 (E) See Detail A-_*b 101 (E) -Bonded construction joint - a ₁₀₀ (Е) **Subbase Granul<u>ar</u> Mat'l. Type B, 4^{7} Approach Footing-† 100 (E)-Porous Granular w 100 (E)-Тур. _____ Embankment (Special) 7'-14" -Along © roadway SECTION C-C **10 mil. Polyethylene bond breaker on steel trowel finish *Tilt #9 b₁₀₁ (E) bars as required to maintain clearance. 32'-0" face to face of parapet width **Cost included with Concrete Superstructure. 4'-0" 24'-0" 4'-0" Shoulder width Roadway width Shoulder width 12'-0" _€ Rdwy, & Stage const. jt. e ₁₀₀ (E) --a₂(E) -Bar splicers (E) e ₁₀₁ (E)-14"/ a₁₀₀ (E) e 100 (E)--b ₁₀₁ (E) d 101 (E) b₁₀₂ (E)a 101 (E)-Elev. 681.31 (W. Approach) -w₁₀₀ (E) Elev. 681.56 (E. Approach) (Level out to out) NEAR ABUTMENT AT APPROACH FOOTING SECTION D-D (See Plan for dimensions not shown)

15'-0"

17-#5 d(E) bars at 11" cts.

_7-#4 e₁₀₀ (E) bars See Section D-D

└_1-#8 e₁₀₁ (E) bar, front face

- 1- #4 e₁₀₀ (E) bar, back face

Parapet joint

See sheet 9 of 21.

Cut 3-#5 d(E) bars

to fit taper, typ.

2'-0"

VIEW E-E

Notes:

See sheet 11 of 21 for Detail A and View B-B.

Approach slab and parapet concrete shall be paid for as Concrete Superstructure. Approach footing concrete shall be paid for as Concrete Structures.

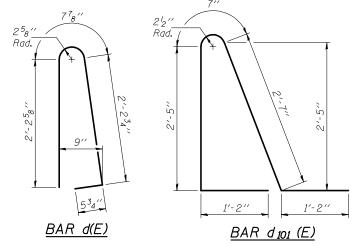
Reinforcement shall be paid for as Reinforcement Bars, Epoxy Coated.

For v(E) bar details, see sheet 9 of 21.

The approach footing maximum applied service bearing pressure (Qmax) = 2.0 ksf.

For bar splicer details, see sheet 18 of 21.
Cost of excavation for approach footing included with Concrete Structures.

For Porous Granular Embankment (Special) and drainage treatment details, see sheet 2 of 21.



TWO APPROACHES BILL OF MATERIAL

Bar	No.	Size	Length	Shape		
a 100 (E)	100	#4	17'-1''			
a 101 (E)	184	#5	16′-10′′			
a ₂ (E)	48	#6	6′-6′′			
b (E)	68	#4	00/ 0//			
b 100 (E)			29'-8''			
b 101 (E)	160	#9	29'-9''	٦		
b 102 (E)	4	#4	14′-8′′			
b 103 (E)	4	#4	14'-11''			
d(E)	68	#5	5′-7′′	٨		
	68	#5	7'-11''	17		
d ₁₀₁ (E)	60	#5	7 - 11			
e 100 (E)	32	#4	14'-8''			
e 101 (E)	4	#8	14′-8′′			
† 100 (E)	136	#4	9′-9′′			
w 100 (E)	160	#5	16′-10′′			
Concrete		Cu. Yd.	96.7			
Concrete	Structure	Cu. Yd.	21.2			
Reinforce Epoxy Co		Pound 27570				

slab and footing are included in Superstructure Quantities.

BRIDGE APPROACH SLAB DETAILS STRUCTURE NO. 001-0507

SHEET NO.12	F.A.P. RTE.	SECTION			COUNTY	TOTAL SHEETS	SHEET NO.	
	745	5 107B-1			ADAMS	86	46	
21 SHEETS						CONTRACT	NO. 72	B98
	FED. RC	AD DIST.	NO	ILLINOIS	FED. A	ID PROJECT		



BAR a 100 (E)

27'-3'' 29'-9''

BAR b 101 (E)

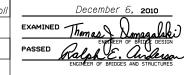
DESIGNED Philip E. Coppernoli CHECKED Justin T. Belue h.t. duong

PEC/JTB

CHECKED

5'-0"

b3(E) -



Varies from 14'-10" to 15'-2"

Bend 1-#4 e₁₀₀ (E) bar

to fit taper, typ.