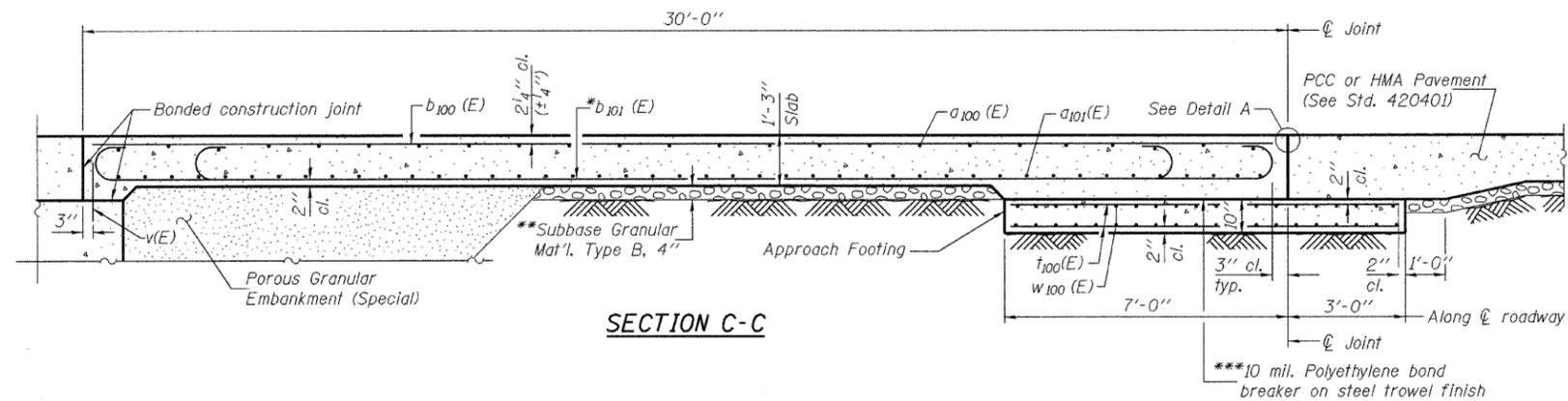


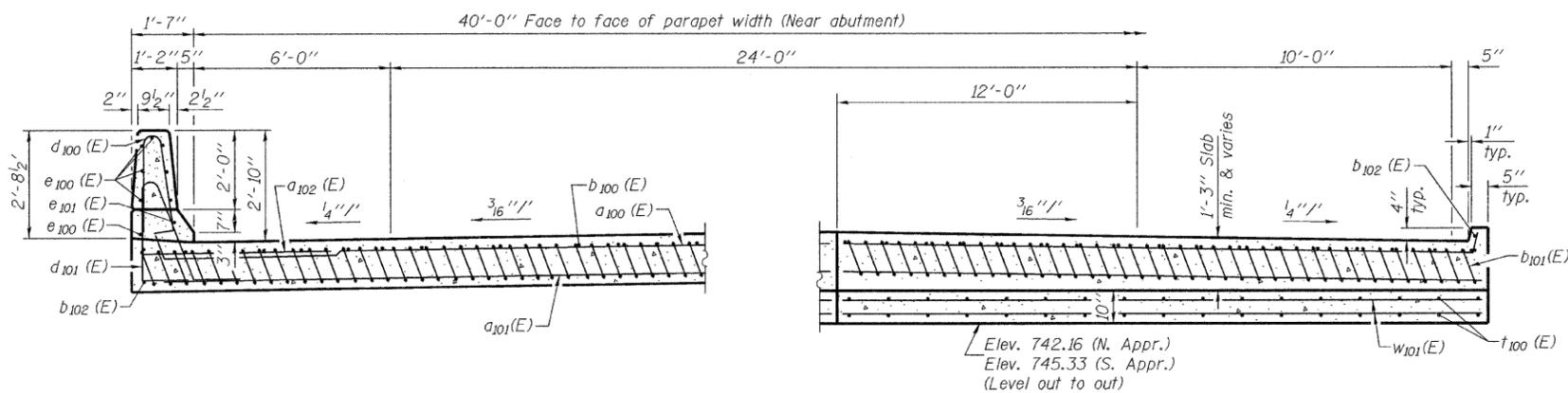
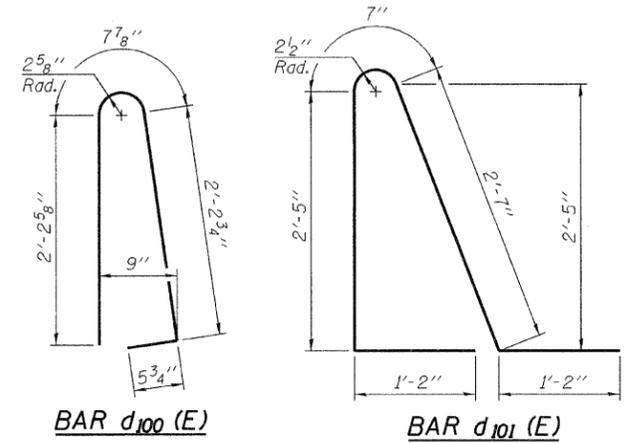
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

Notes:  
See sheet 24 of 30 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 sheets 18 & 19 of 30.  
The approach footing maximum applied service bearing pressure ( $Q_{max}$ ) = 2.0 ksf.  
For bar splicer details, see sheet 26 of 30.  
Cost of excavation for approach footing included with Concrete Structures.  
For Porous Granular Embankment (Special) and drainage treatment details, see sheet 2 of 30.



SECTION C-C

\*Tilt #9 b<sub>101</sub>(E) bars as required to maintain clearance.  
\*\*\*Cost included with Concrete Superstructure.

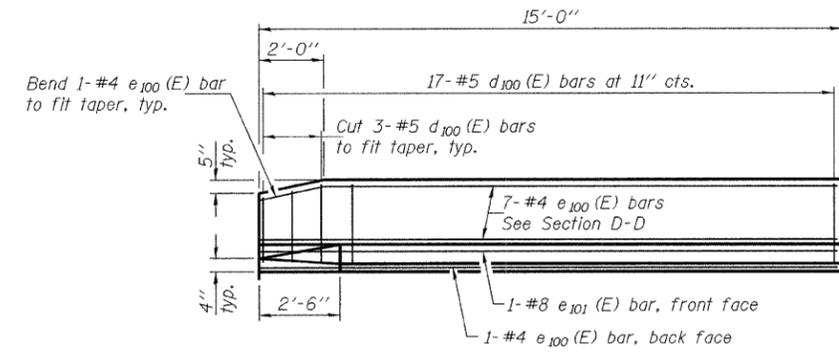


NEAR ABUTMENT

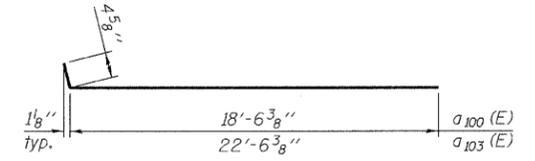
SECTION D-D

AT APPROACH FOOTING

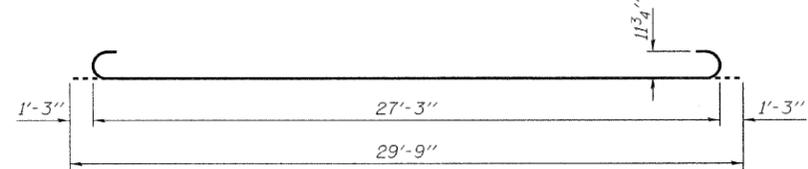
(See Plan for dimensions not shown)  
(Section D-D showing South Appr.; North Appr. similar by 180° rotation)



VIEW E-E



BARS a<sub>100</sub>(E) & a<sub>103</sub>(E)



BAR b<sub>101</sub>(E)

TWO APPROACHES  
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a <sub>100</sub> (E)	50	#4	18'-11"	—
a <sub>101</sub> (E)	92	#5	18'-7"	—
a <sub>102</sub> (E)	48	#6	6'-0"	—
a <sub>103</sub> (E)	50	#4	22'-11"	—
a <sub>104</sub> (E)	92	#5	22'-7"	—
b <sub>100</sub> (E)	70	#4	29'-8"	—
b <sub>101</sub> (E)	202	#9	29'-9"	—
b <sub>102</sub> (E)	8	#4	14'-8"	—
d <sub>100</sub> (E)	68	#5	5'-7"	U
d <sub>101</sub> (E)	68	#5	7'-11"	U
e <sub>100</sub> (E)	32	#4	14'-8"	—
e <sub>101</sub> (E)	4	#8	14'-8"	—
t <sub>100</sub> (E)	176	#4	9'-8"	—
w <sub>100</sub> (E)	80	#5	18'-7"	—
w <sub>101</sub> (E)	80	#5	22'-7"	—
Concrete Superstructure		Cu. Yd.	133.2	
Concrete Structures		Cu. Yd.	25.8	
Reinforcement Bars, Epoxy Coated		Pound	33680	

BRIDGE APPROACH SLAB DETAILS (N.B.)  
STRUCTURE NO. 037-0015 (S.B.)  
STRUCTURE NO. 037-0016 (N.B.)

DESIGNED Nicholas R. Barnett  
CHECKED Michael D. Rolape  
DRAWN h.t. duong  
CHECKED NRB/MDR/GRA

September 29, 2009  
EXAMINED Thomas Damagala  
PASSED Ralph E. Anderson

SHEET NO. 25 30 SHEETS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	74	37-4HB	HENRY	148	59
CONTRACT NO. 64264					
FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT					