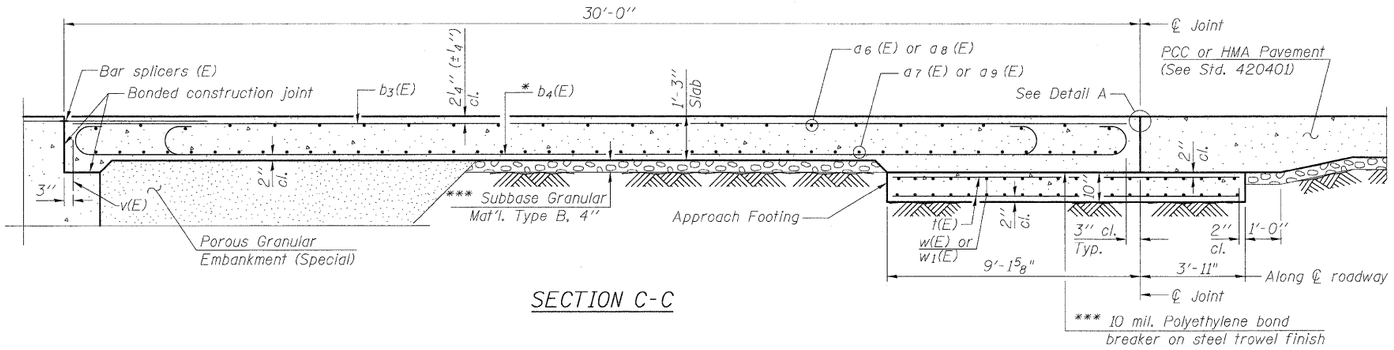
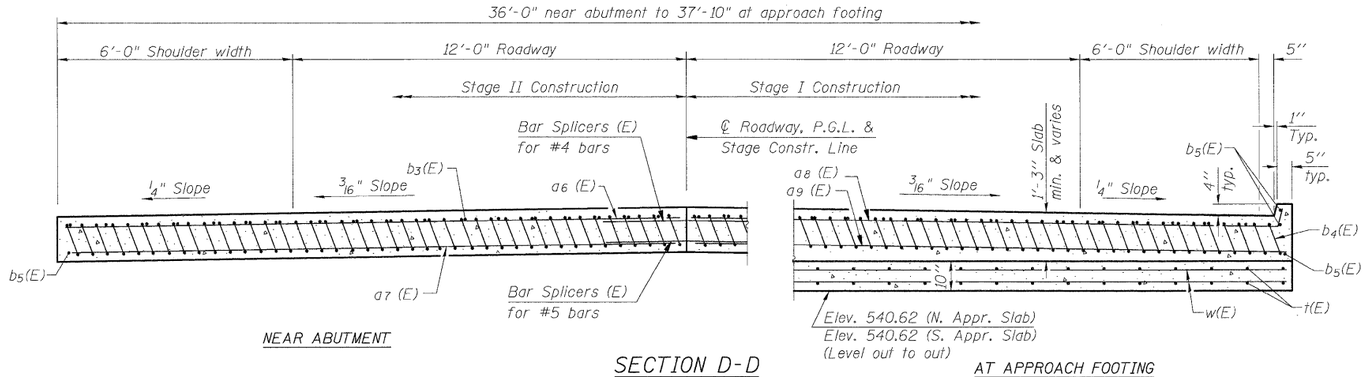
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



SECTION C-C

Notes:
See sheet 15 of 33 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.
The approach footing maximum applied service bearing pressure (Qmax) = 2.0 ksf.
For bar splicer details, see sheet 30 of 33.
Cost of excavation for approach footing included with Concrete Structures.
For Porous Granular Embankment (Special) and drainage treatment details, see sheet 2 of 33 .
For v(E) bar details See sheet 24 and 26 of 33.



NEAR ABUTMENT

SECTION D-D
(See Plan for dimensions not shown)

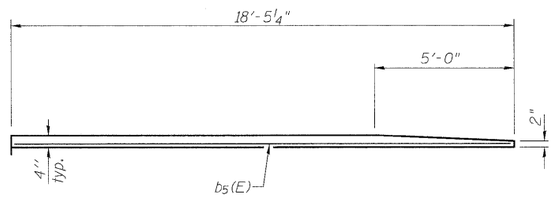
AT APPROACH FOOTING

* Tilt #9 b4(E) bars as required to maintain clearance.

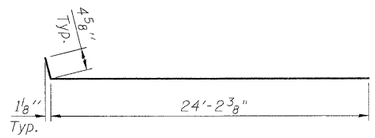
*** Cost included with Concrete Superstructure.

TWO APPROACHES
BILL OF MATERIAL

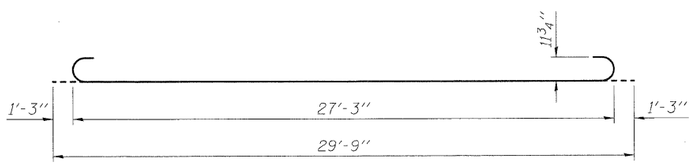
Bar	No.	Size	Length	Shape
a6 (E)	32	#4	23'-0"	——
a7 (E)	60	#5	23'-0"	——
a8 (E)	68	#4	24'-7"	⌊——
a9 (E)	124	#5	24'-3"	——
b3(E)	60	#4	29'-8"	——
b4(E)	172	#9	29'-9"	⊂——⊃
b5(E)	12	#4	18'-1"	——
t(E)	152	#4	12'-9"	——
w(E)	160	#5	24'-3"	——
Concrete Superstructure			Cu. Yd.	108.2
Concrete Structures			Cu. Yd.	30.4
Reinforcement Bars, Epoxy Coated			Pound	30,260
Bar Splicers			Each	222



SECTION E-E



BAR a8 (E)



BAR b4(E)

(Sheet 2 of 2)
BRIDGE APPROACH SLAB DETAILS
S.N. 018-0064

DESIGNED	SCD
CHECKED	DRB
DRAWN	THW
CHECKED	SCD

ie consultants
IE CONSULTANTS, INC
6420 SOUTH SIXTH STREET
SPRINGFIELD, ILLINOIS 62712
TEL. (217) 529-8027
FAX (217) 529-4543
WWW.IE-CONSULTANTS.COM

SHEET NO. 16 OF 33 SHEETS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	116	(112BR1)B	CUMBERLAND	72	47
			CONTRACT NO. 74236		
	FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		