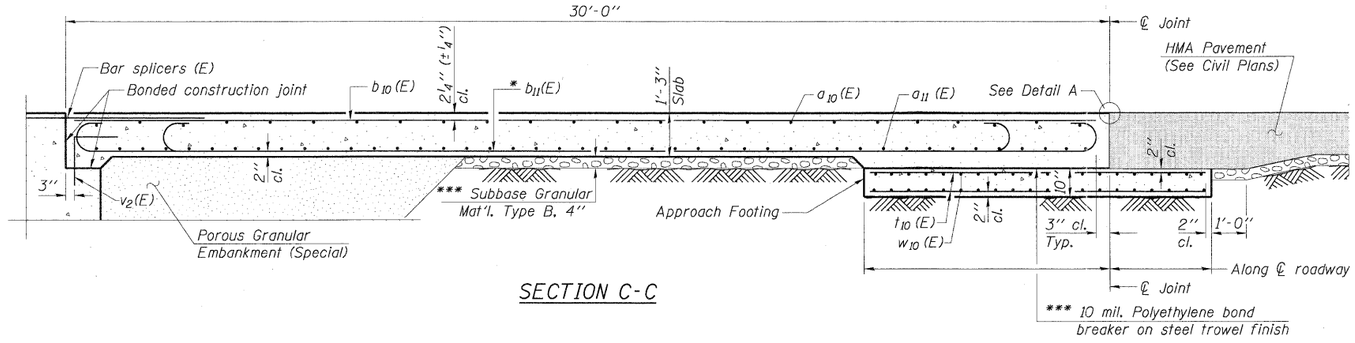
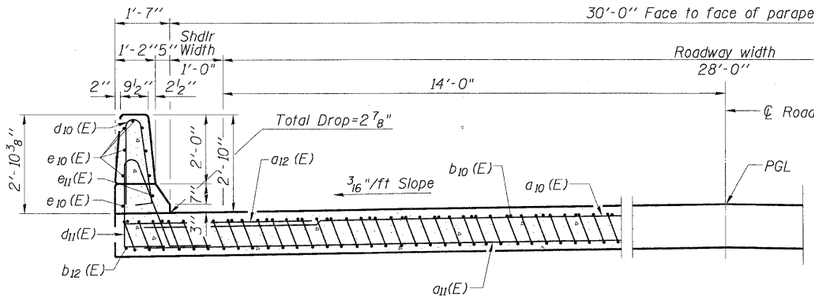
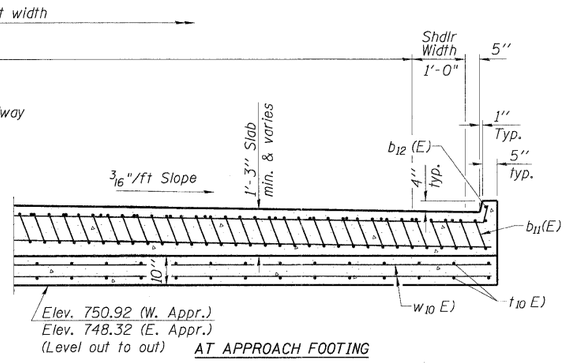
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



SECTION C-C

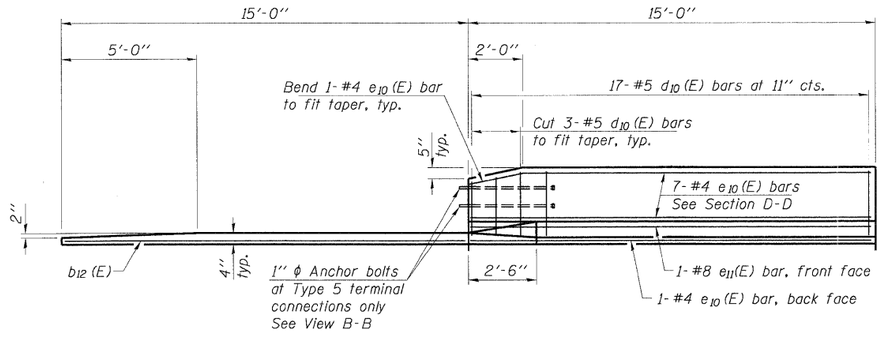


NEAR ABUTMENT

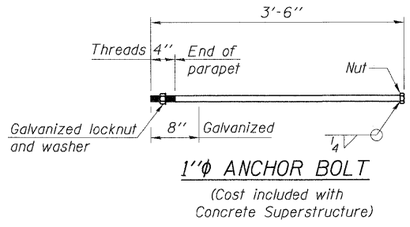


AT APPROACH FOOTING

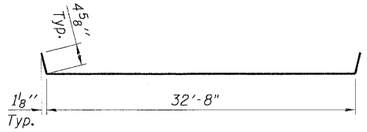
SECTION D-D
(See Plan for dimensions not shown)



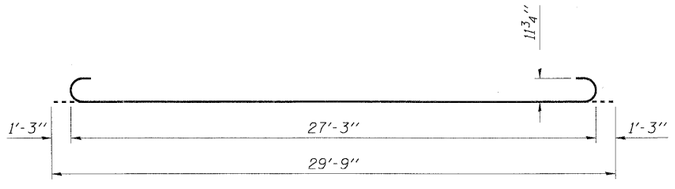
VIEW E-E



1"ϕ ANCHOR BOLT
(Cost included with Concrete Superstructure)



BAR a_{10}(E)

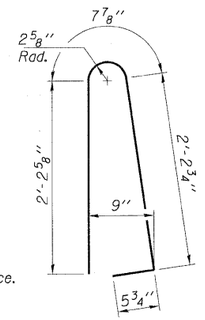


BAR b_{11}(E)

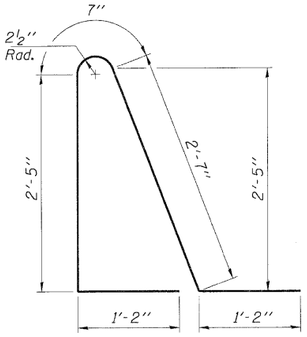
Notes:
See sheet S-10 for Detail A and View B-B.
Approach slab and parapet concrete shall be paid for as Concrete Superstructure.
Approach footing concrete shall be paid for as Concrete Structures.
Reinforcement shall be paid for as Reinforcement Bars, Epoxy Coated.
For v (E) bar details, see sheet S-7.
The approach footing maximum applied service bearing pressure (Qmax) = 2.0 ksf.
For bar splicer details, see sheet S-19.
Cost of excavation for approach footing included with Concrete Structures.
For additional parapet details, see sheet S-7.

* Tilt #9 b_{11}(E) bars as required to maintain clearance.

*** Cost included with Concrete Superstructure.



BAR d_{10}(E)



BAR d_{11}(E)

TWO APPROACHES
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a_{10} E)	50	#4	33'-5"	
a_{11}(E)	92	#5	32'-7"	
a_{12}(E)	48	#6	6'-6"	
a_{13}(E)	24	#5	2'-0"	
b_{10} (E)	52	#4	29'-8"	
b_{11} (E)	154	#9	29'-9"	
b_{12} (E)	8	#4	14'-8"	
d_{10} E)	68	#5	5'-7"	
d_{11} (E)	68	#5	7'-11"	
e_{10} E)	32	#4	14'-8"	
e_{11} (E)	4	#8	14'-8"	
t_{10} (E)	128	#4	10'-0"	
w_{10} (E)	80	#5	32'-7"	
Concrete Superstructure		Cu. Yd.	106.6	
Concrete Structures		Cu. Yd.	20.3	
Reinforcement Bars, Epoxy Coated		Pound	26,420	

(Sheet 2 of 2)

BRIDGE APPROACH SLAB DETAILS
EDGEWOOD DRIVE OVER
RATT CREEK
F.A.U. RTE. 4010
SECTION 09-00078-00-WR
MCHENRY COUNTY
STRUCTURE No. 056-3101
STA. 140+85.43

DESIGNED	-
CHECKED	-
DRAWN	-
CHECKED	-

EXAMINED
ENGINEER OF BRIDGE DESIGN
PASSED
ENGINEER OF BRIDGES AND STRUCTURES

SHEET NO. S-11 SHEETS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	4010	09-00078-00-WR	McHENRY	128	69
			CONTRACT NO. 63655		
	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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