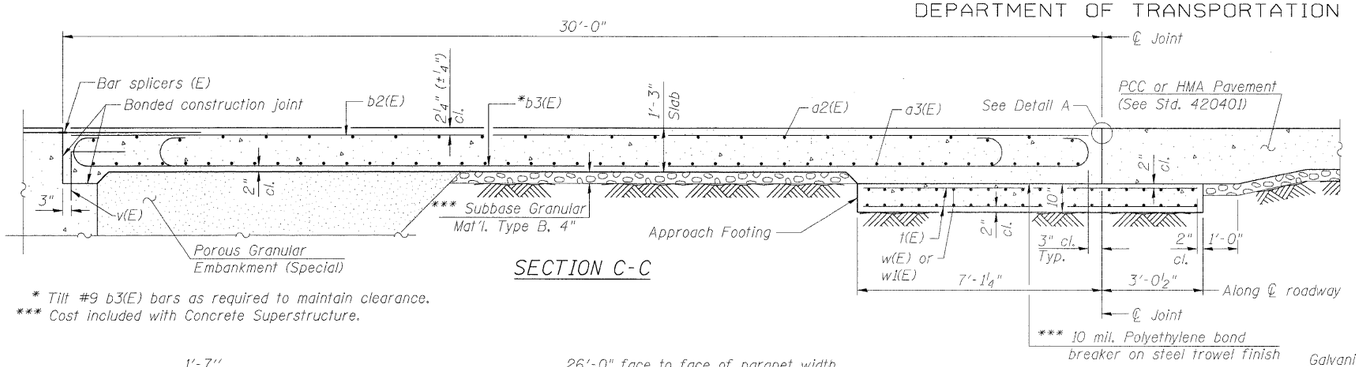
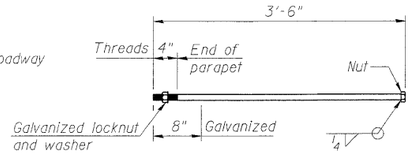
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



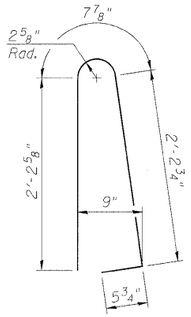
SECTION C-C

* Tilt #9 b3(E) bars as required to maintain clearance.
*** Cost included with Concrete Superstructure.

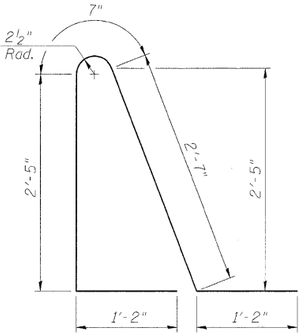
Notes:
See sheet 9 for Detail A and View B-B.
Approach slab and parapet concrete shall be paid for as Concrete Superstructure.
Approach footing concrete shall be paid for as Concrete Structures.
Reinforcement shall be paid for as Reinforcement Bars, Epoxy Coated.
For v(E) bar details, see sheet 8.
The approach footing maximum applied service bearing pressure (Qmax) = 2.0 ksf.
For bar splicer details, see sheet 17.
Cost of excavation for approach footing included with Concrete Structures.
For Porous Granular Embankment (Special) and drainage treatment details, see sheet 2.



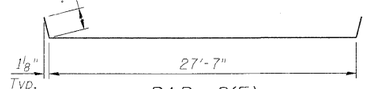
1"ϕ ANCHOR BOLT
(Cost included with Concrete Superstructure)



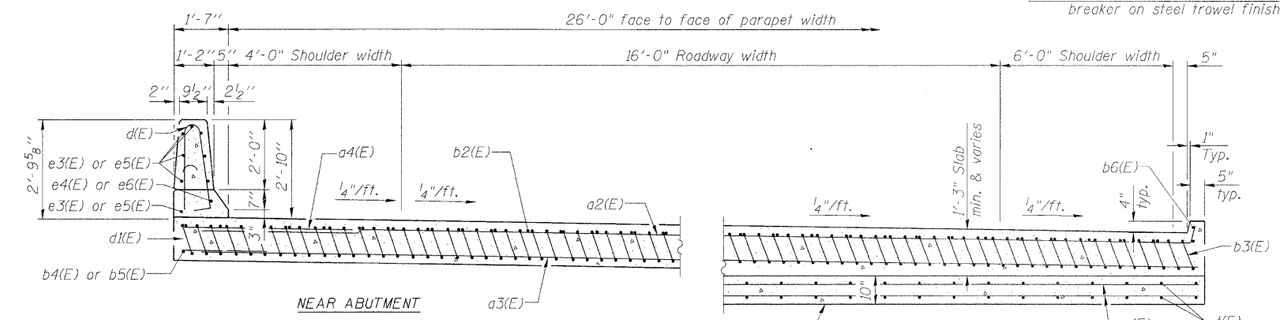
BAR d(E)



BAR d2(E)



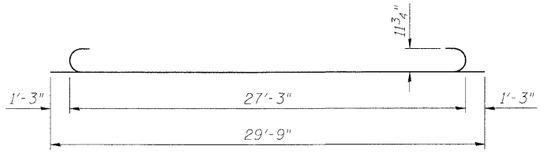
BAR a2(E)



SECTION D-D

(W. Appr. Shown - E. Appr. Similar Near Abutment)
(See Plan for dimensions not shown)

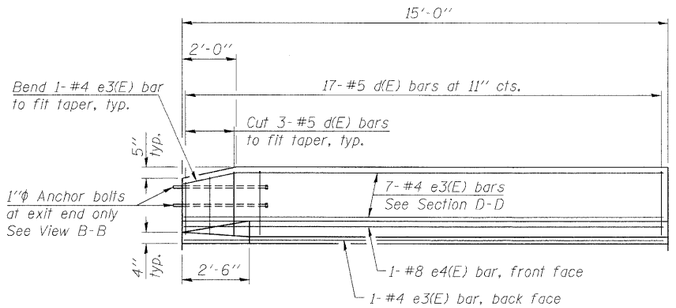
AT APPROACH FOOTING



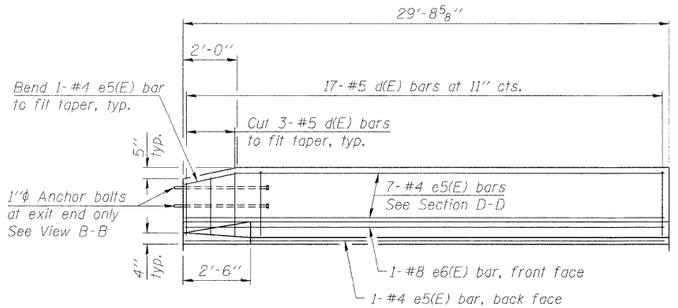
BAR b3(E)

TWO APPROACHES
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a2(E)	50	#4	28'-5"	
a3(E)	92	#5	27'-11"	
a4(E)	61	#6	6'-0"	
b2(E)	58	#4	29'-8"	
b3(E)	134	#9	29'-9"	
b4(E)	3	#4	14'-8"	
b5(E)	1	#4	29'-8"	
b6(E)	3	#4	14'-3"	
d(E)	85	#5	5'-7"	
d2(E)	85	#5	7'-11"	
e3(E)	24	#4	14'-8"	
e4(E)	3	#8	14'-8"	
e5(E)	8	#4	29'-4"	
e6(E)	1	#8	29'-4"	
t(E)	60	#4	9'-9"	
w(E)	40	#5	27'-11"	
w1(E)	40	#5	28'-7"	
Concrete Superstructure		Cu. Yd.	92.3	
Concrete Structures		Cu. Yd.	17.6	
Reinforcement Bars, Epoxy Coated		Pound	23,260	



VIEW E-E



VIEW G-G

BRIDGE APPROACH SLAB DETAILS II
STRUCTURE NO. 032-0118

DESIGNED	BJN
CHECKED	CMM
DRAWN	GJS
CHECKED	CMM

LOCHNER
H.W. LOCHNER, INC.
CONSULTING ENGINEERS & PLANNERS
20 NORTH WACKER DRIVE SUITE 1200
CHICAGO, IL 60606

SHEET NO. 10 OF 19 SHEETS

RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	(32,47-4) HBK-4 & G(N)	GRUNDY	351	342
		CONTRACT NO. 66408		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

* FAI 80 & FAS 297 / FAU 392

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