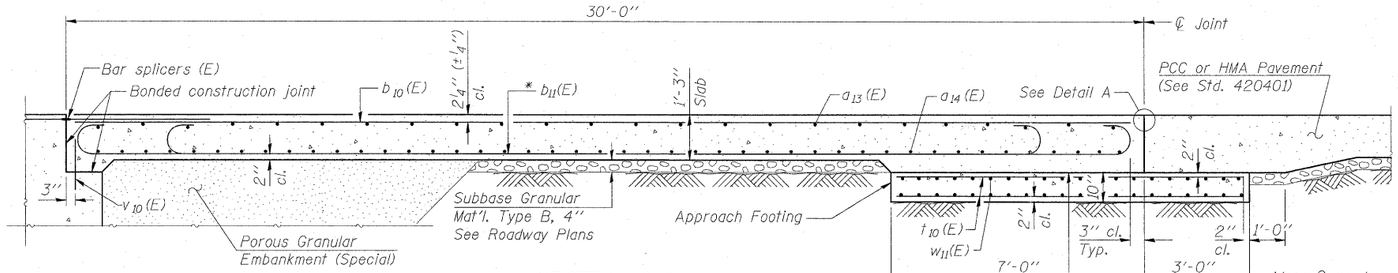
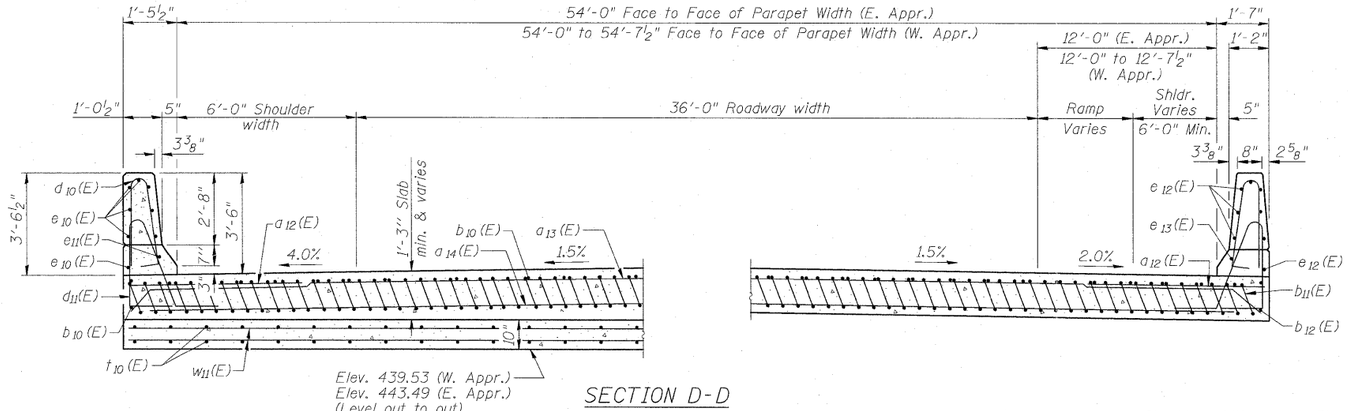


* Tilt #9 b_{11}(E) bars as required to maintain clearance.

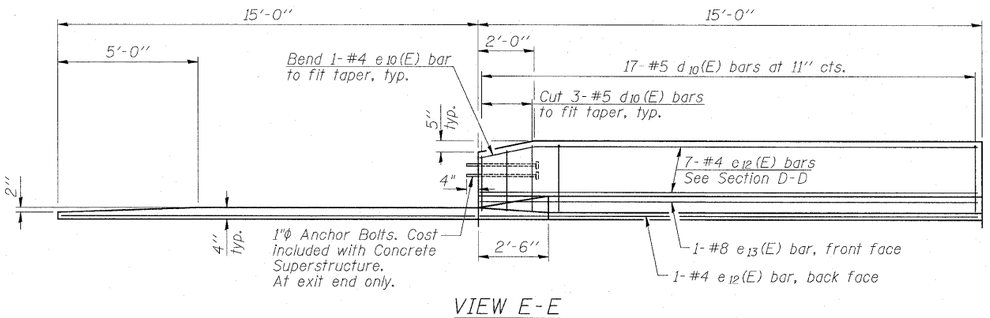
*** Cost included with Concrete Superstructure.

SECTION C-C

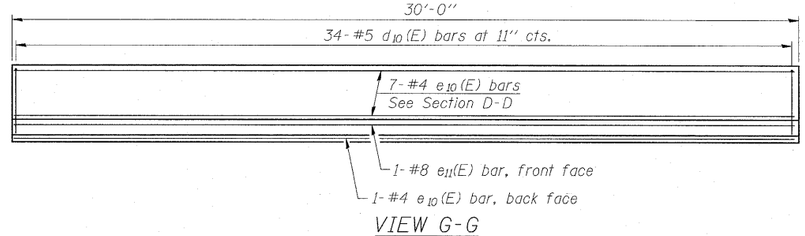


SECTION D-D

(See Plan for dimensions not shown)



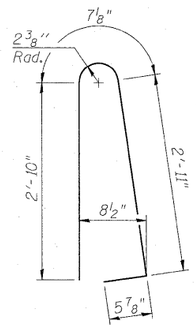
VIEW E-E



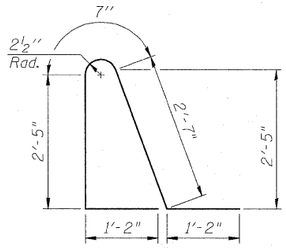
VIEW G-G

Notes:

See Sheet 14 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 Sheet 10 of 30.
The approach footing maximum applied service bearing pressure (Qmax) = 2.0 ksf.
For bar splicer details, see Sheet 23 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.



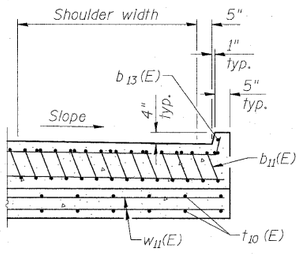
BAR d_{10}(E)



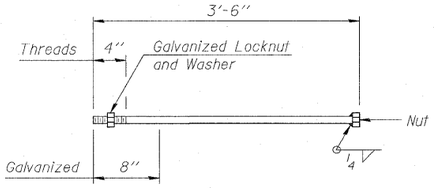
BAR d_{11}(E)

TWO APPROACHES
BILL OF MATERIAL

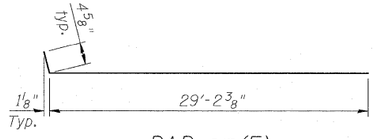
Bar	No.	Size	Length	Shape
a_{12}(E)	74	#6	6'-0"	
a_{13}(E)	100	#4	29'-7"	
a_{14}(E)	184	#5	29'-5"	
b_{10}(E)	92	#4	29'-8"	
b_{11}(E)	264	#9	29'-9"	
b_{12}(E)	2	#4	14'-8"	
b_{13}(E)	2	#4	14'-8"	
d_{10}(E)	102	#5	6'-10"	
d_{11}(E)	102	#5	7'-11"	
e_{10}(E)	16	#4	29'-8"	
e_{11}(E)	2	#8	28'-8"	
e_{12}(E)	16	#4	14'-8"	
e_{13}(E)	2	#8	14'-8"	
t_{10}(E)	224	#4	9'-8"	
w_{11}(E)	160	#5	29'-5"	
Concrete Superstructure			Cu. Yd.	178.6
Concrete Structures			Cu. Yd.	35.0
Reinforcement Bars, Epoxy Coated			Pound	45,490
Bridge Deck Grooving			Sq. Yd.	378
Protective Coat			Sq. Yd.	421



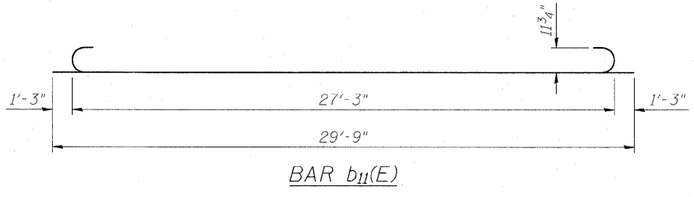
SECTION B-B



1" ϕ ANCHOR BOLT



BAR a_{13}(E)



BAR b_{11}(E)

EASTBOUND BRIDGE
APPROACH SLAB DETAILS 2
INTERSTATE 70 OVER 1ST STREET
FAI-70
SECTION 82-1-2HB
ST. CLAIR COUNTY
STA. 192+97.45
STRUCTURE NO. 082-0312 (EB)
STRUCTURE NO. 082-0313 (WB)

ZROKA engineering
Zroka Engineering, P.C.
4216 North Hermitage
Chicago, IL 60613

FILE NAME = ...\DBTRI-0820312-0820313-76C50-015-EBApproachSlab2.dgn	USER NAME = SAW	DESIGNED - LAS	REVISED -
		DRAWN - SAW	REVISED -
	PLOT SCALE = 1.0000 ' / IN.	CHECKED - LAS	REVISED -
	PLOT DATE = 2/25/2011	DATE - 3-18-11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EASTBOUND BRIDGE APPROACH SLAB DETAILS 2

SCALE: NONE | SHEET NO. 15 OF 30 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
998	82-1-2HB	ST. CLAIR	72	45
SN 082-0312 & 082-0313		CONTRACT NO. 76C50		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		