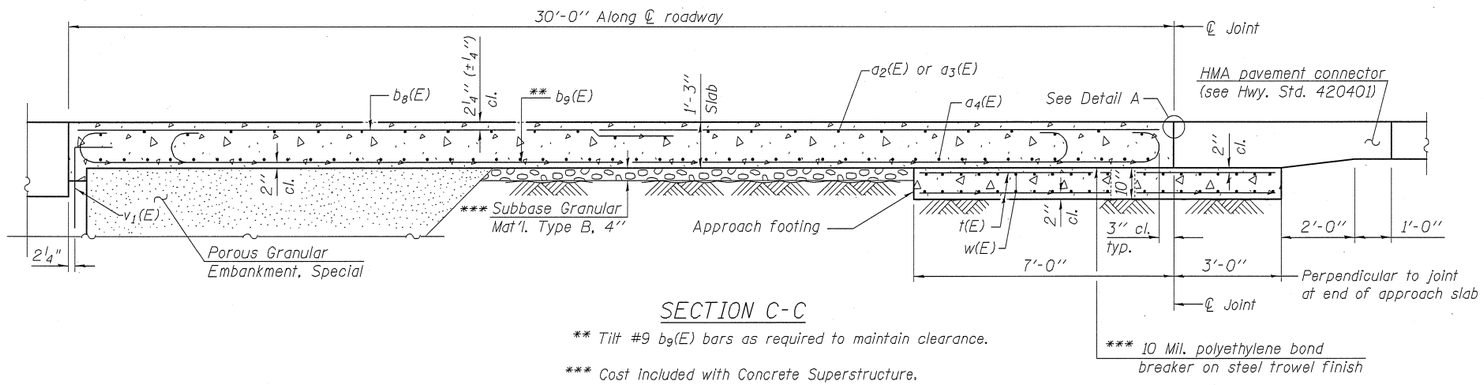
ESCA CONSULTANTS, INC.
CIVIL & STRUCTURAL ENGINEERS & SURVEYING SPECIALISTS

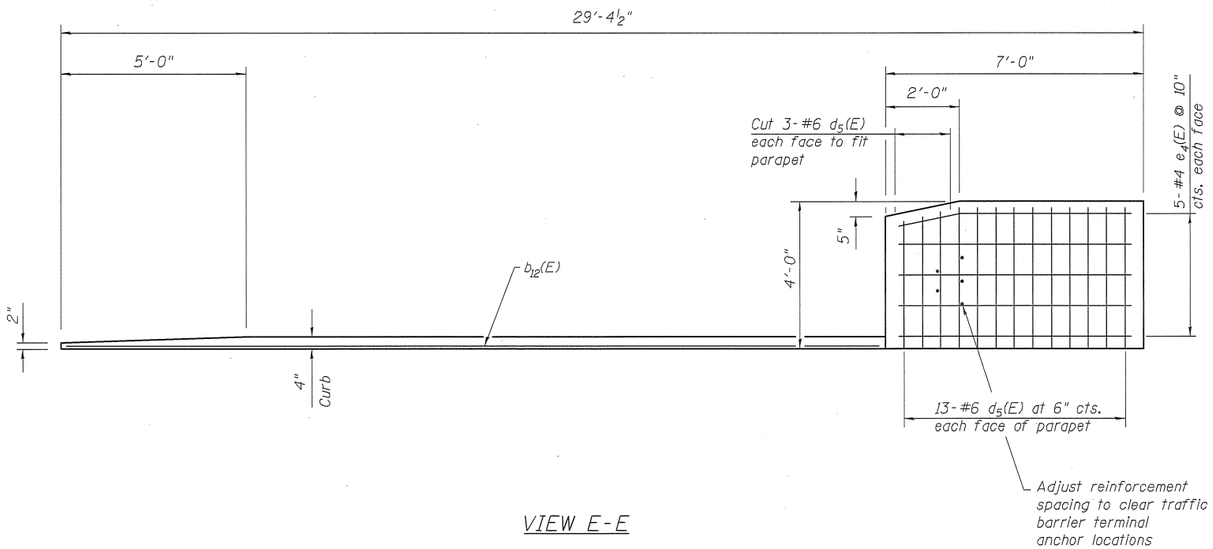
Notes:
See sheet 10 of 21 for Detail A and Sections B-B & D-D.
Approach slab, sidewalk, and parapet concrete shall be paid for as Concrete Superstructure.
Approach footing concrete shall be paid for as Concrete Structures.
Reinforcement shall be paid for as Reinforcement Bars, Epoxy Coated.
For v_1(E) bar details, see sheets 12 & 13 of 21.
The approach footing maximum applied service bearing pressure (Qmax) = 2.0 ksf.
Cost of excavation for approach footing included with Concrete Structures.
For Porous Granular Embankment, Special and drainage treatment details, see sheet 2 of 21.



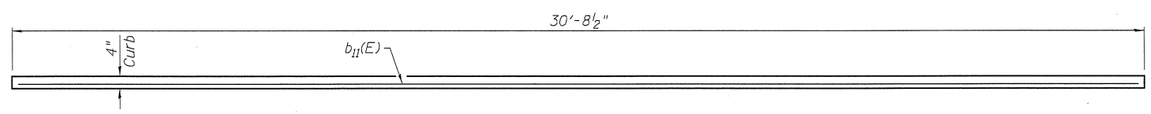
SECTION C-C

** Tilt #9 b_9(E) bars as required to maintain clearance.

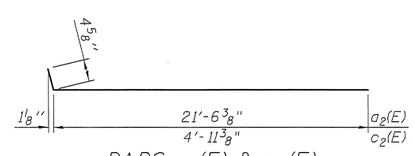
*** Cost Included with Concrete Superstructure.



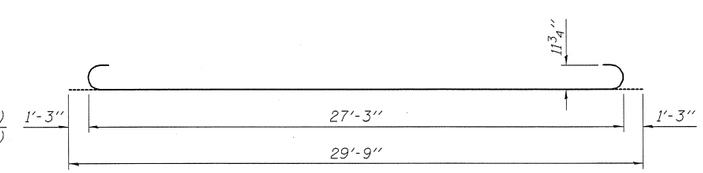
VIEW E-E



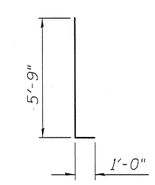
VIEW F-F



BARS a_2(E) & c_2(E)



BAR b_9(E)



BAR d_5(E)

TWO APPROACHES
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a_2(E)	50	#4	21'-11"	
a_3(E)	50	#4	21'-8"	
a_4(E)	92	#5	41'-0"	
b_8(E)	132	#4	16'-2"	
b_9(E)	200	#9	29'-9"	
b_{10}(E)	10	#5	29'-1"	
b_{11}(E)	2	#4	30'-4"	
b_{12}(E)	2	#4	22'-0"	
c(E)	60	#5	2'-5"	
c_2(E)	60	#5	5'-4"	
d_5(E)	52	#6	6'-9"	
e_4(E)	26	#4	6'-8"	
t(E)	168	#4	9'-8"	
w(E)	80	#5	41'-3"	
Concrete Superstructure			Cu. Yd.	129.4
Concrete Structures			Cu. Yd.	25.7
Reinforcement Bars, Epoxy Coated			Pound	33080

(Sheet 2 of 2)

FILE NAME = $FILE$	USER NAME = $USER$	DESIGNED - ELH 09/10	REVISED -
	ESCA JOB NO. 933.12	CHECKED - MJW/RDP 09/10	REVISED -
	PLOT SCALE = $SCALE$	DRAWN - DWH/KAH 08/11	REVISED -
	PLOT DATE = $DATE$ $TIME$	CHECKED - ELH 08/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BRIDGE APPPROACH SLAB DETAILS
STRUCTURE NO. 093-0026

SHEET NO. 11 OF 21 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332	(103B)B-1	WABASH	53	26

CONTRACT NO. 74220

ILLINOIS FED. AID PROJECT