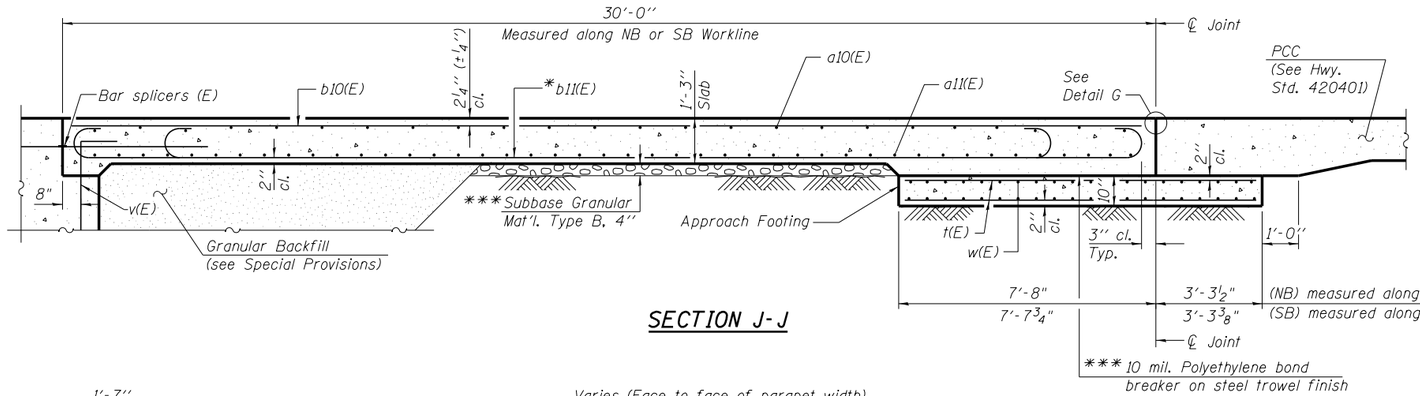
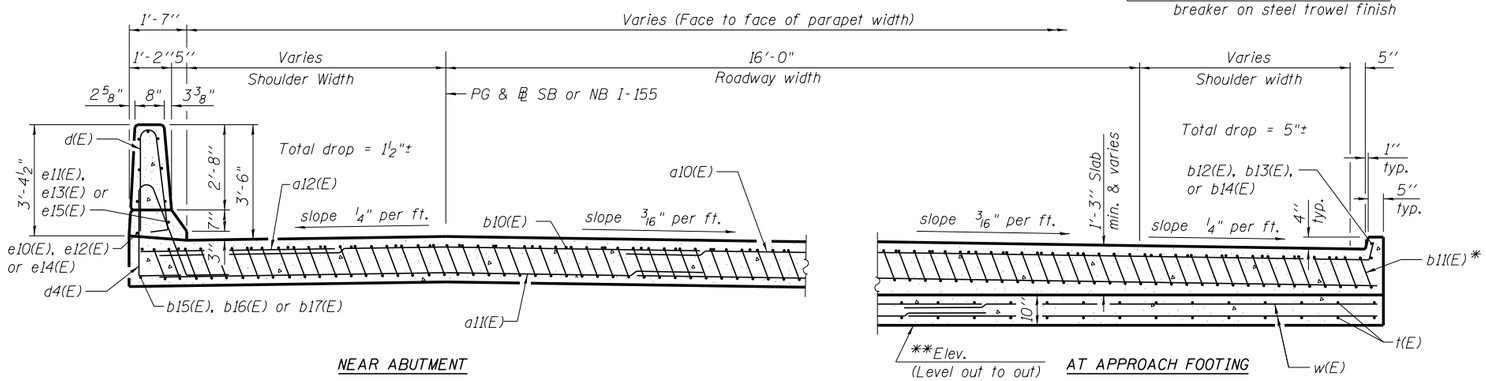


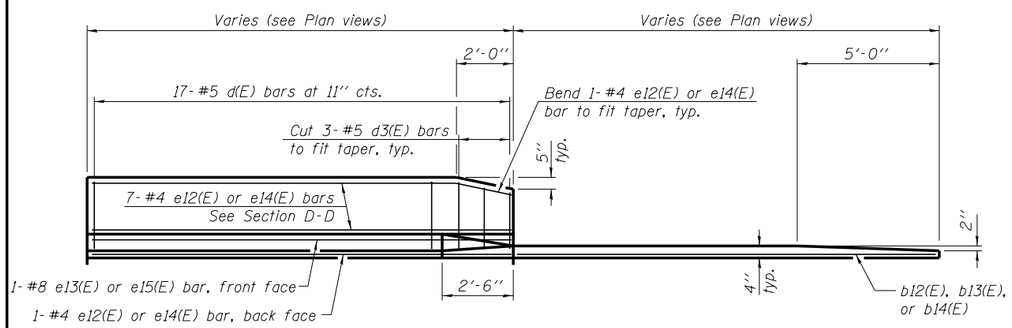
SECTION J-J



SECTION D-D

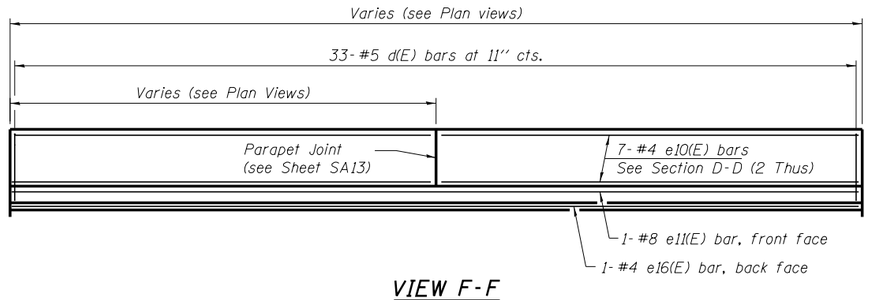
(See Plan for dimensions not shown)

**Elev. 749.38 (SB N. App.)
Elev. 751.78 (SB S. App.)
Elev. 750.21 (NB N. App.)
Elev. 751.35 (NB S. App.)

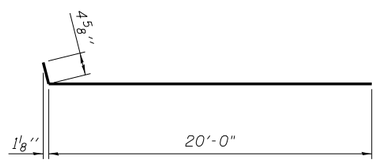


VIEW E-E

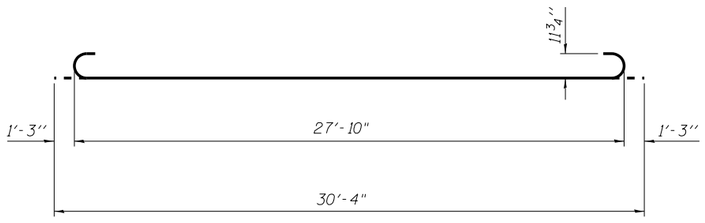
e12(E) & e14(E) bars are located in 14'-6" length parapet
e13(E) & e14(E) bars are located in 15'-0" length parapets



VIEW F-F



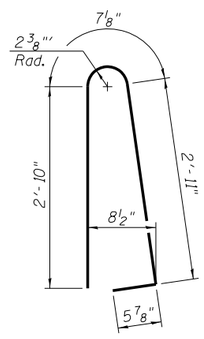
BAR a10(E)



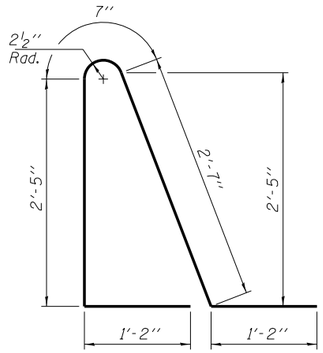
BAR b11(E)

NOTES:

1. See sheet SA16 for Detail G.
2. Approach slab and parapet concrete shall be paid for as Concrete Superstructure.
3. Approach footing concrete shall be paid for as Concrete Structures.
4. Reinforcement shall be paid for as Reinforcement Bars, Epoxy Coated.
5. For v(E) bar details, see sheet SA15.
6. The approach footing maximum applied service bearing pressure (Qmax) = 2.0 ksf.
7. For bar splicer details, see sheet SA31.
8. Cost of excavation for approach footing included with Concrete Structures.
9. For Granular Backfill and drainage treatment details, see sheet SA3.
10. For additional parapet details, see sheet SA14.



BAR d(E)



BAR d4(E)

* Tilt #9 b11(E) bars as required to maintain clearance.

*** Cost included with Concrete Superstructure.

FOUR APPROACHES BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a10(E)	200	#4	20'-5"	
a11(E)	368	#5	20'-6"	
a12(E)	120	#6	6'-6"	
b10(E)	220	#4	16'-3"	
b11(E)	320	#9	30'-4"	
b12(E)	1	#4	14'-8"	
b13(E)	2	#4	14'-3"	
b14(E)	3	#4	14'-11"	
b15(E)	2	#4	15'-5"	
b16(E)	3	#4	14'-0"	
b17(E)	1	#4	13'-7"	
d(E)	168	#5	6'-10"	
d4(E)	168	#5	7'-11"	
e10(E)	28	#4	14'-6"	
e11(E)	2	#8	29'-3"	
e12(E)	8	#4	14'-2"	
e13(E)	1	#8	14'-2"	
e14(E)	40	#4	14'-8"	
e15(E)	5	#8	14'-8"	
e16(E)	2	#4	29'-4"	
t(E)	266	#4	10'-7"	
w(E)	320	#5	20'-6"	
Concrete Superstructure		Cu. Yd.	215.2	
Concrete Structures		Cu. Yd.	44.4	
Reinforcement Bars, Epoxy Coated		Pound	59,670	

Bars indicated 20x2 - #5 etc. indicate 20 lines of bars with 2 lengths per line.

benesch engineers · scientists · planners
Alfred Benesch & Company
205 North Michigan Avenue, Suite 2400
Chicago, Illinois 60601
312-565-0450 Job No. 10056

FILE NAME = 0900165_68620_18_apslb3.dgn	USER NAME = mbecker	DESIGNED - MFB/JLS	REVISED -
		CHECKED - AAY	REVISED -
	PLOT SCALE =	DRAWN - PRT	REVISED -
	PLOT DATE = 8/20/2012	CHECKED - AAY	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BRIDGE APPROACH SLAB DETAILS 3 OF 3
STRUCTURE NO. 090-0165 / 0166
SHEET NO. SA18 OF SA47 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	90-[14R;(14HB-4,14,14HVB)BR]	TAZEWELL	2433	1882
		CONTRACT NO. 68620		
	ILLINOIS FED. AID PROJECT			

x:\10000s\10056\engineering_documents_phase_II\155over174\final\0900165_68620_18_apslb3.dgn 8/20/2012 10:13:15 AM