

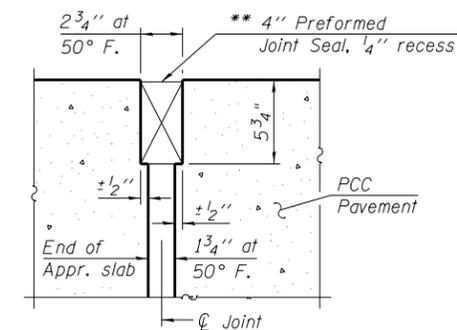
Notes:

Approach slab 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 v20(E) bar details, see Sheet S-36.  
 The approach footing maximum applied service bearing pressure (Qmax) = 2.0 ksf.  
 For bar splicer details, see Sheet S-40.  
 Cost of excavation for approach footing included with Concrete Structures.  
 Quantity of Protective Coat in Bill of Material includes the quantity that shall be applied to the top and inside faces of the abutment wingwalls.

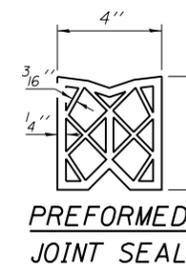
\*Tilt #9 b31(E) and b33(E) bars as required to maintain clearance.

SECTION C-C

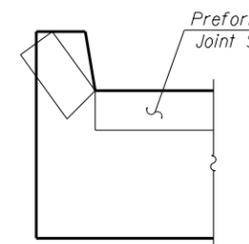
\*\* Cost included with Concrete Superstructure.



DETAIL A

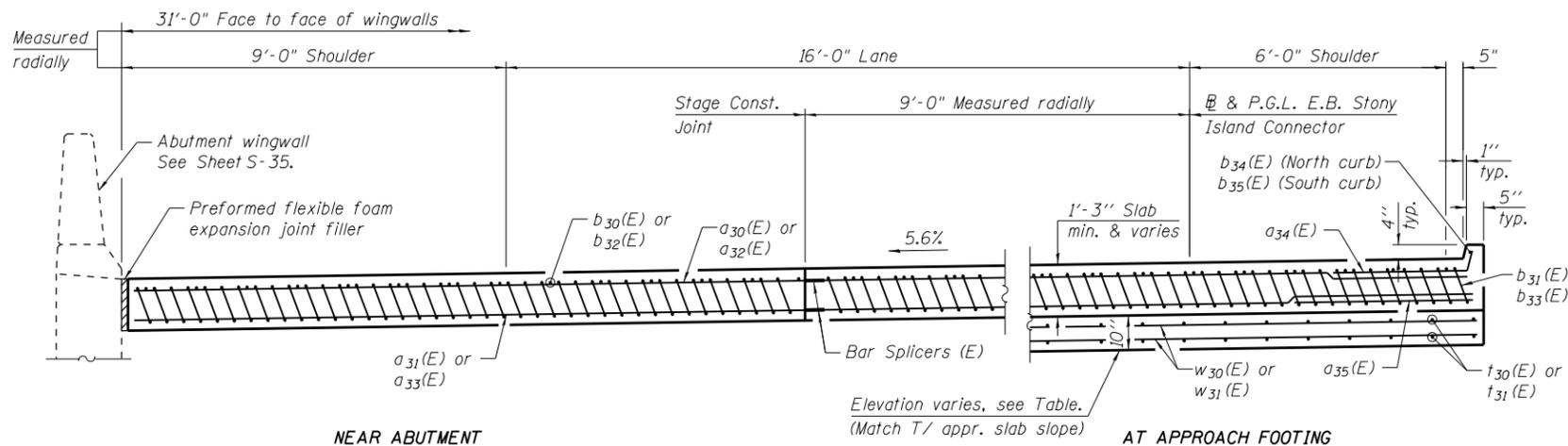


PREFORMED JOINT SEAL



VIEW F-F

Angle Preformed Joint Seal at 45° at curbs.



NEAR ABUTMENT

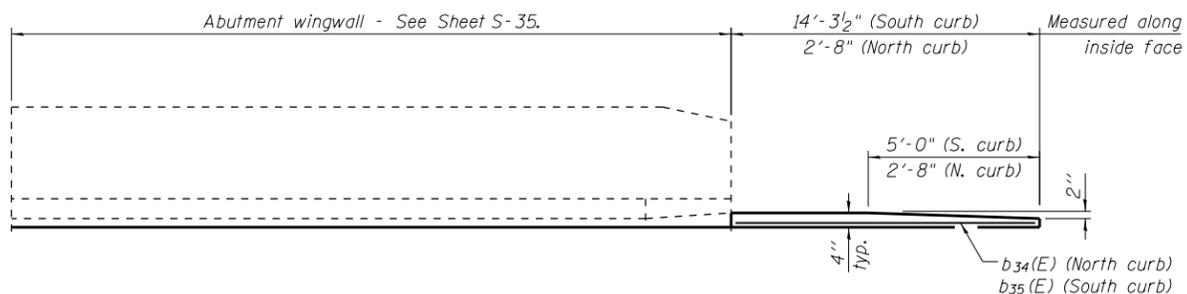
SECTION D-D

(See Plan for dimensions not shown)

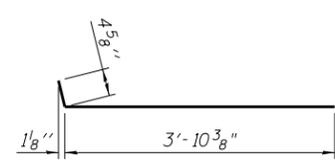
AT APPROACH FOOTING

BOTTOM OF APPROACH FOOTING ELEVATIONS

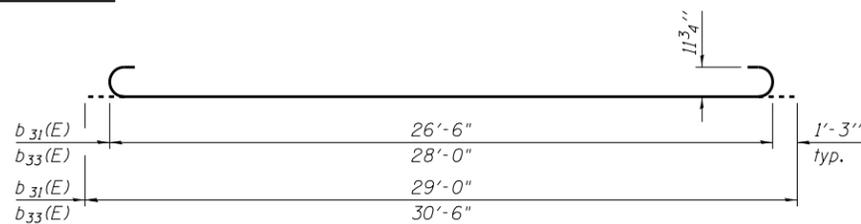
	West End of Footing	East End of Footing
North Edge of Footing	603.53	603.31
Stage Construction Joint	604.63	604.49
South Edge of Footing	605.68	605.57



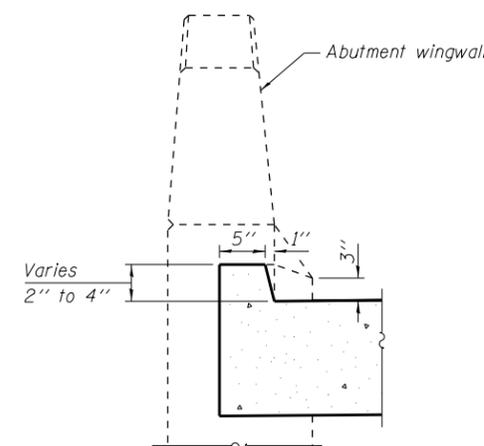
VIEW E-E



BAR a34(E)



BARS b31(E) AND b33(E)



VIEW B-B

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a30(E)	50	#4	16'-11"	—
a31(E)	92	#5	17'-3"	—
a32(E)	50	#4	19'-0"	—
a33(E)	92	#5	19'-4"	—
a34(E)	15	#4	4'-3"	—
a35(E)	26	#5	4'-10"	—
b30(E)	26	#4	16'-6"	—
b31(E)	37	#9	29'-0"	—
b32(E)	28	#4	17'-6"	—
b33(E)	39	#9	30'-6"	—
b34(E)	1	#4	13'-11"	—
b35(E)	1	#4	2'-4"	—
t30(E)	68	#4	11'-11"	—
t31(E)	72	#4	12'-7"	—
w30(E)	80	#5	18'-5"	—
w31(E)	80	#5	20'-8"	—
Bridge Deck Grooving		Sq. Yd.	101	
Protective Coat		Sq. Yd.	134	
Concrete Superstructure		Cu. Yd.	45.6	
Concrete Structures		Cu. Yd.	21.5	
Reinforcement Bars, Epoxy Coated		Pound	17,580	

3:33:26 PM

4/30/2013

S:\1072\_05\_CADD\Structure\1 SN 0162471\CADD Sheets\0162471-60112-017-EAS92.dgn

BOWMAN, BARRETT & ASSOCIATES INC.  
 CONSULTING ENGINEERS  
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 312.228.0100  
 www.bbainc.com

USER NAME =	DESIGNED - TL	REVISD -
PLOT SCALE =	CHECKED - BAK	REVISD -
PLOT DATE = 03/29/2013	DRAWN - TL	REVISD -
	CHECKED - BAK	REVISD -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

EAST BRIDGE APPROACH SLAB DETAILS II  
 STRUCTURE NO. 016-2471

SHEET NO. S-17 OF S-63 SHEETS

F.A.I. RT. 94	SECTION 2012-059-BR	COUNTY COOK	TOTAL SHEETS 631	SHEET NO. 510
CONTRACT NO. 60J12				
ILLINOIS FED. AID PROJECT				