

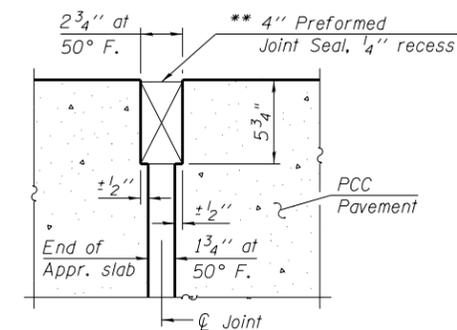
Notes:

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 v(E) bar details, see sheet S-31 or S-34.  
 The approach footing maximum applied service bearing pressure (Qmax) = 2.0 ksf.  
 For bar splicer details, see sheet S-38.  
 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.

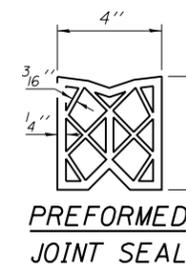
\* Tilt #9 b<sub>11</sub>(E) bars as required to maintain clearance.

SECTION C-C

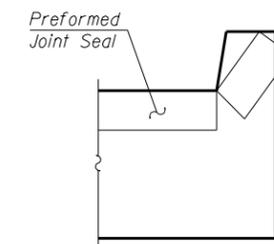
\*\* Cost included with Concrete Superstructure.



DETAIL A

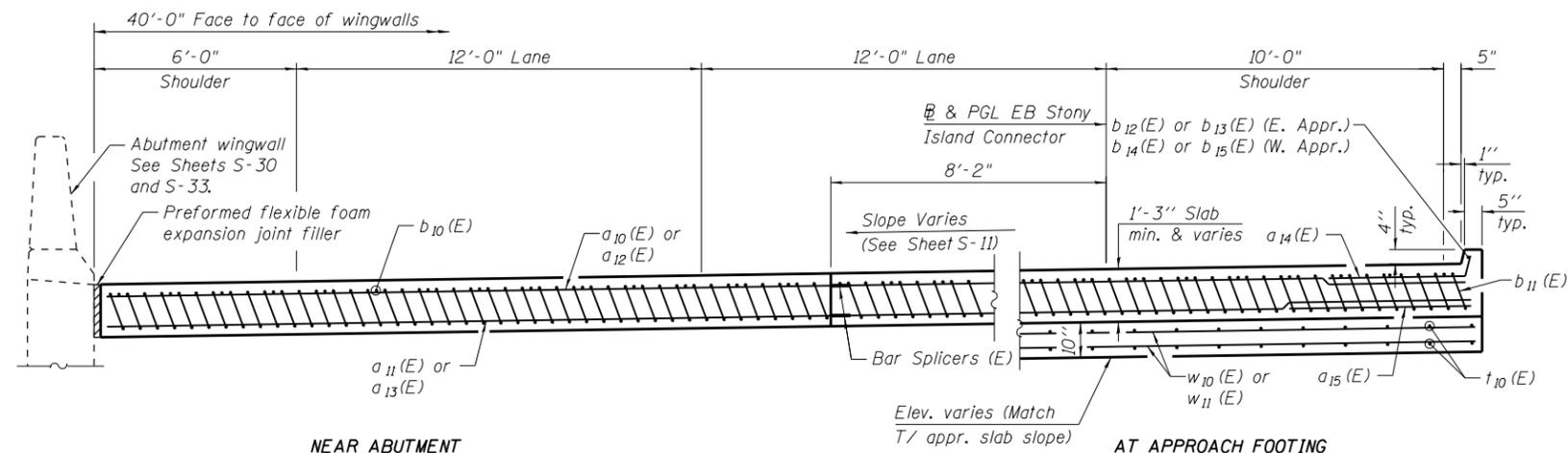


PREFORMED JOINT SEAL



VIEW F-F

Angle Preformed Joint Seal at 45° at curbs.



NEAR ABUTMENT

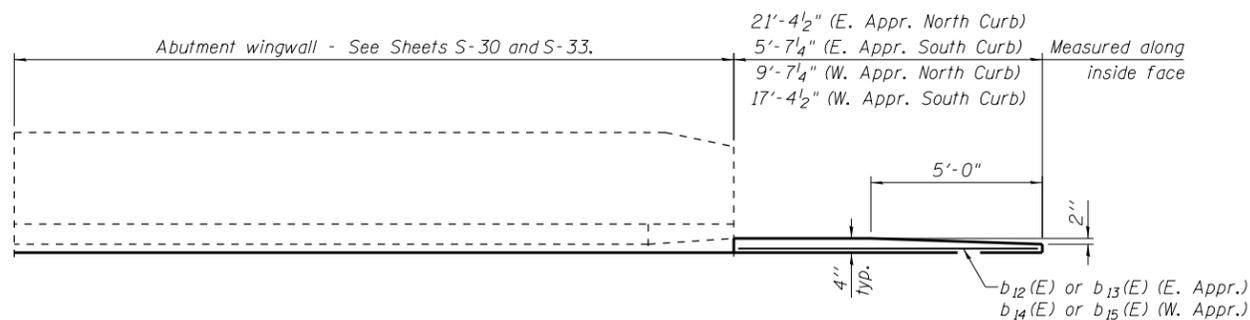
SECTION D-D

(See Plan for dimensions not shown)

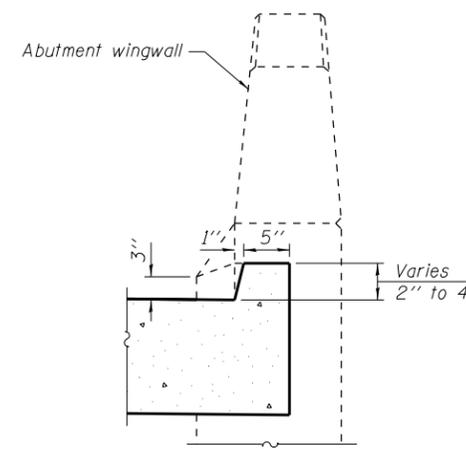
AT APPROACH FOOTING

TWO APPROACHES  
 BILL OF MATERIAL

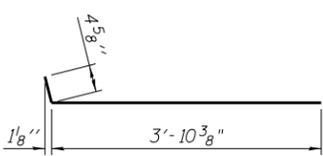
Bar	No.	Size	Length	Shape
a <sub>10</sub> (E)	50	#4	29'-7"	—
a <sub>11</sub> (E)	92	#5	29'-7"	—
a <sub>12</sub> (E)	50	#4	35'-8"	—
a <sub>13</sub> (E)	92	#5	35'-8"	—
a <sub>14</sub> (E)	45	#4	4'-3"	—
a <sub>15</sub> (E)	84	#5	4'-10"	—
b <sub>10</sub> (E)	66	#4	29'-4"	—
b <sub>11</sub> (E)	194	#9	29'-9"	—
b <sub>12</sub> (E)	1	#4	5'-3"	—
b <sub>13</sub> (E)	1	#4	21'-0"	—
b <sub>14</sub> (E)	1	#4	17'-0"	—
b <sub>15</sub> (E)	1	#4	9'-3"	—
t <sub>10</sub> (E)	172	#4	16'-3"	—
w <sub>10</sub> (E)	80	#5	31'-3"	—
w <sub>11</sub> (E)	80	#5	37'-5"	—
Bridge Deck Grooving		Sq. Yd.	254	
Protective Coat		Sq. Yd.	314	
Concrete Superstructure		Cu. Yd.	116.8	
Concrete Structures		Cu. Yd.	43.0	
Reinforcement Bars, Epoxy Coated		Pound	37,510	



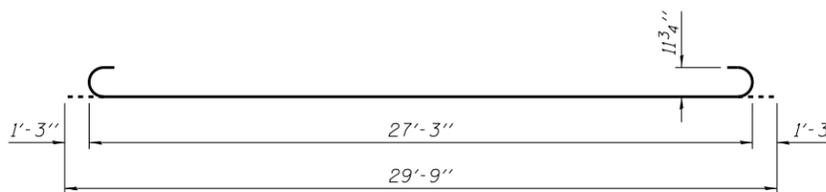
VIEW E-E



VIEW B-B



BAR a<sub>14</sub>(E)



BAR b<sub>11</sub>(E)

2/21/31 PM

3/29/2013

S:\1072\_05\_CADD\Structure\1 SN 0162470.CADD Sheets\0162470-60J12-016-AS02.dgn

BOWMAN, BARRETT & ASSOCIATES INC.  
 CONSULTING ENGINEERS  
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 312.228.0100  
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USER NAME =	DESIGNED - TL	REVISIONS
PLOT SCALE =	CHECKED - JGC	REVISIONS
PLOT DATE = 03/29/2013	DRAWN - TL	REVISIONS
	CHECKED - BAK	REVISIONS

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

BRIDGE APPROACH SLAB DETAILS II  
 STRUCTURE NO. 016-2470  
 SHEET NO. S-16 OF S-53 SHEETS

F.A.I. RTE. 94	SECTION 2012-059-BR	COUNTY COOK	TOTAL SHEETS 631	SHEET NO. 391
CONTRACT NO. 60J12				
ILLINOIS FED. AID PROJECT				