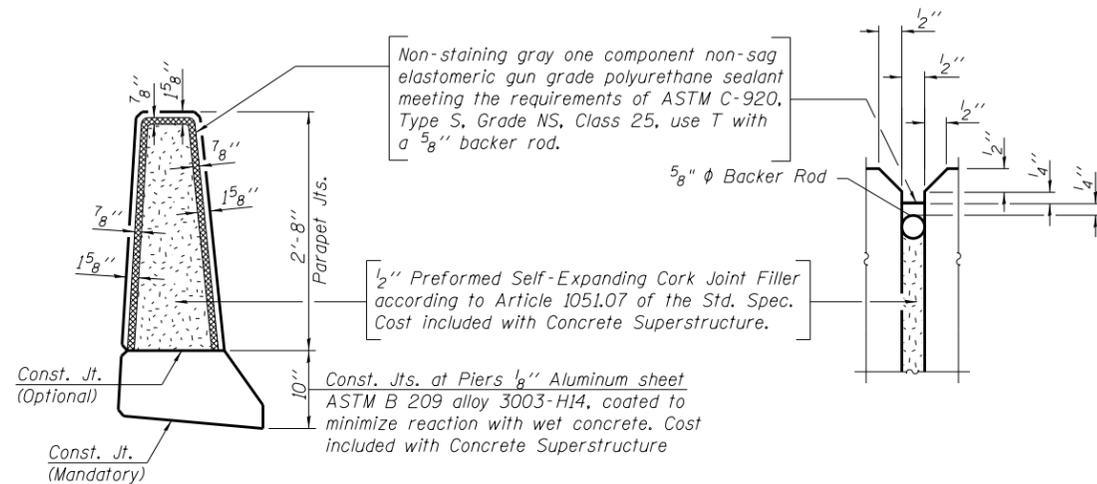
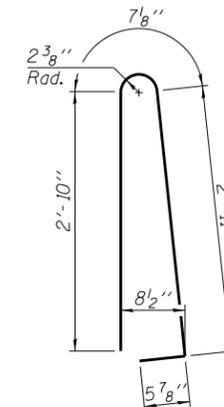
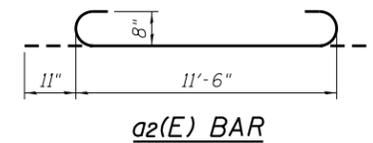


**INSIDE ELEVATION OF NORTH PARAPET**  
(South parapet mirrored)

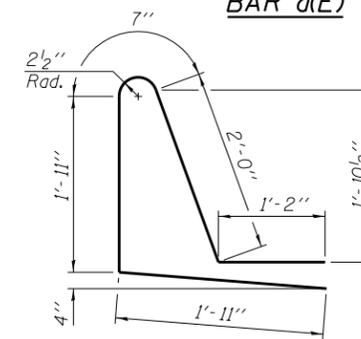
**MINIMUM BAR LAP**  
(Parapet)  
#4 bar = 2'-0"  
#8 bar = 5'-2"



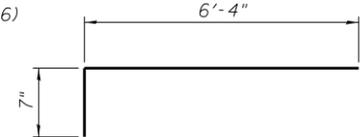
**PARAPET JOINT DETAILS**



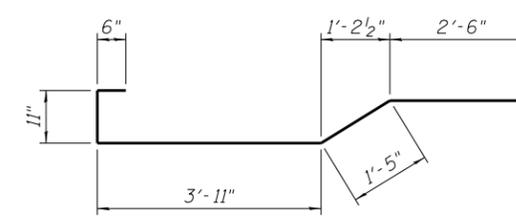
**BAR d(E)**



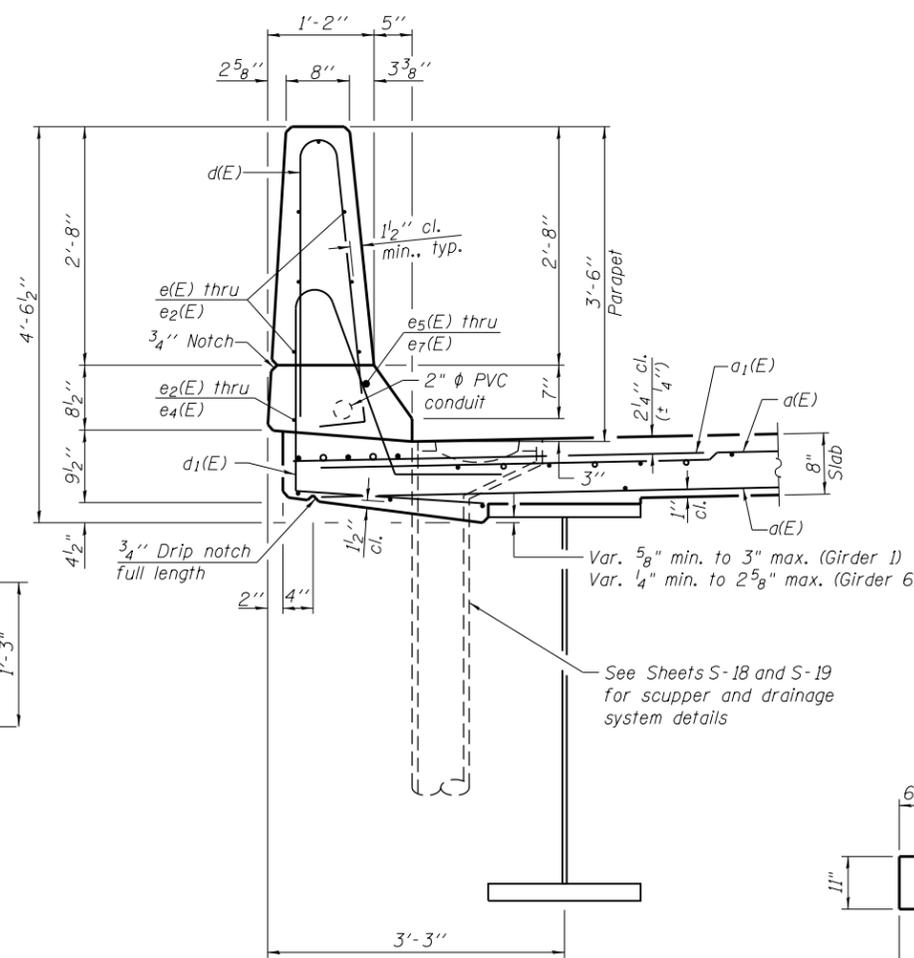
**BAR d1(E)**



**BAR x1(E)**



**BAR x(E)**

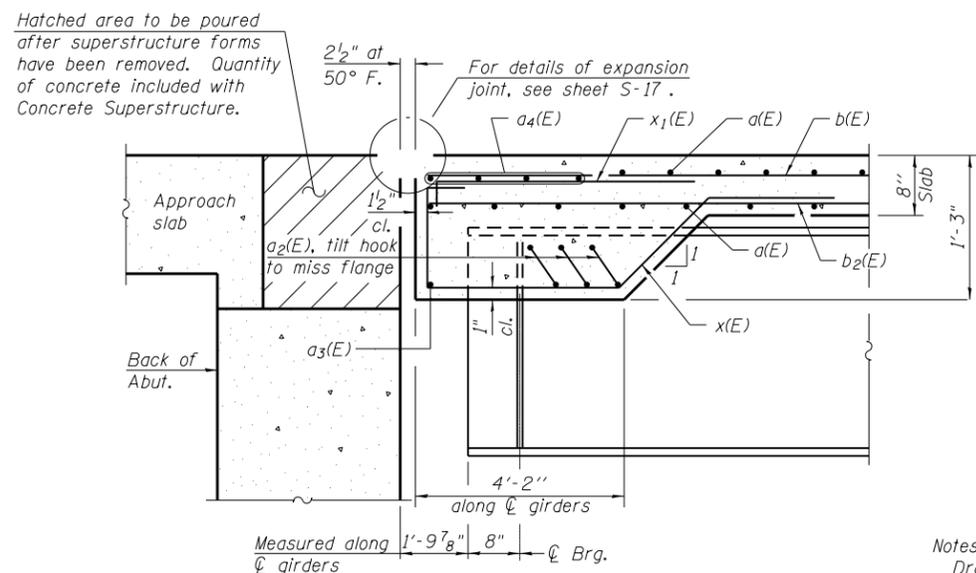


**SECTION THRU PARAPET**

Notes:  
Drainage scuppers shall be located clear of all cross frames.

**SUPERSTRUCTURE BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
a(E)	1888	#5	19'-3"	—
a1(E)	1132	#6	6'-6"	—
a2(E)	24	#8	13'-4"	—
a3(E)	4	#8	26'-10"	—
a4(E)	16	#7	31'-11"	—
a5(E)	8	#5	1'-6"	—
b(E)	506	#5	29'-0"	—
b1(E)	126	#6	34'-10"	—
b2(E)	410	#5	31'-7"	—
d(E)	626	#5	6'-10"	—
d1(E)	626	#5	7'-7"	—
d2(E)	3	#6	5'-1"	—
d3(E)	6	#6	8'-11"	—
e(E)	98	#4	17'-5"	—
e1(E)	98	#4	17'-0"	—
e2(E)	32	#4	19'-8"	—
e3(E)	10	#4	26'-6"	—
e4(E)	10	#4	25'-11"	—
e5(E)	10	#8	29'-0"	—
e6(E)	10	#8	28'-5"	—
e7(E)	4	#8	19'-8"	—
x(E)	60	#5	9'-3"	—
x1(E)	74	#5	6'-11"	—
Reinforcement Bars, Epoxy Coated		Pound	101,960	
Concrete Superstructure		Cu. Yds.	430.0	
Bridge Deck Grooving		Sq. Yds.	1,209	
Protective Coat		Sq. Yds.	1,547	



**SECTION A-A**

2/21/13 PM

3/29/2013

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

REVISED -  
REVISED -  
REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**SUPERSTRUCTURE DETAILS II**  
**STRUCTURE NO. 016-2470**

SHEET NO. S-13 OF S-53 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-059-BR	COOK	631	388
CONTRACT NO. 60J12				
ILLINOIS FED. AID PROJECT				