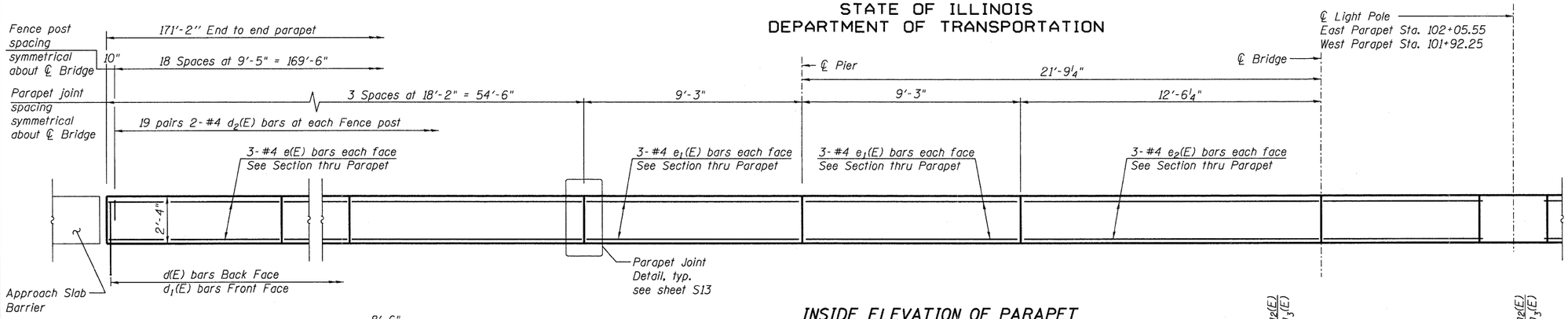
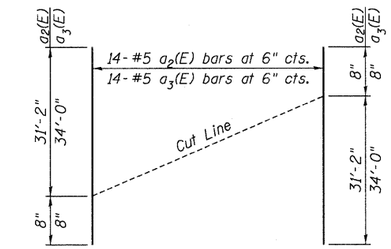
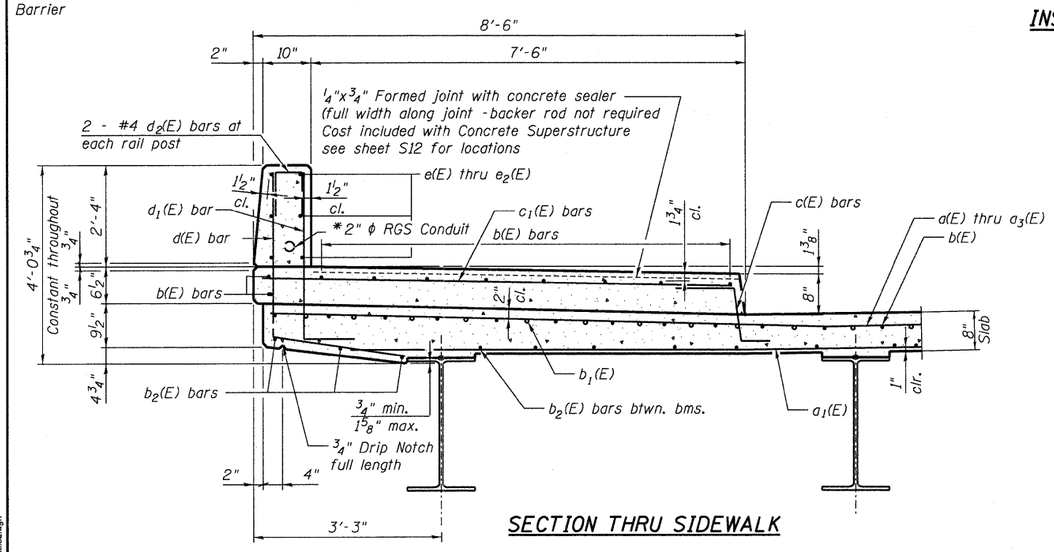
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



INSIDE ELEVATION OF PARAPET

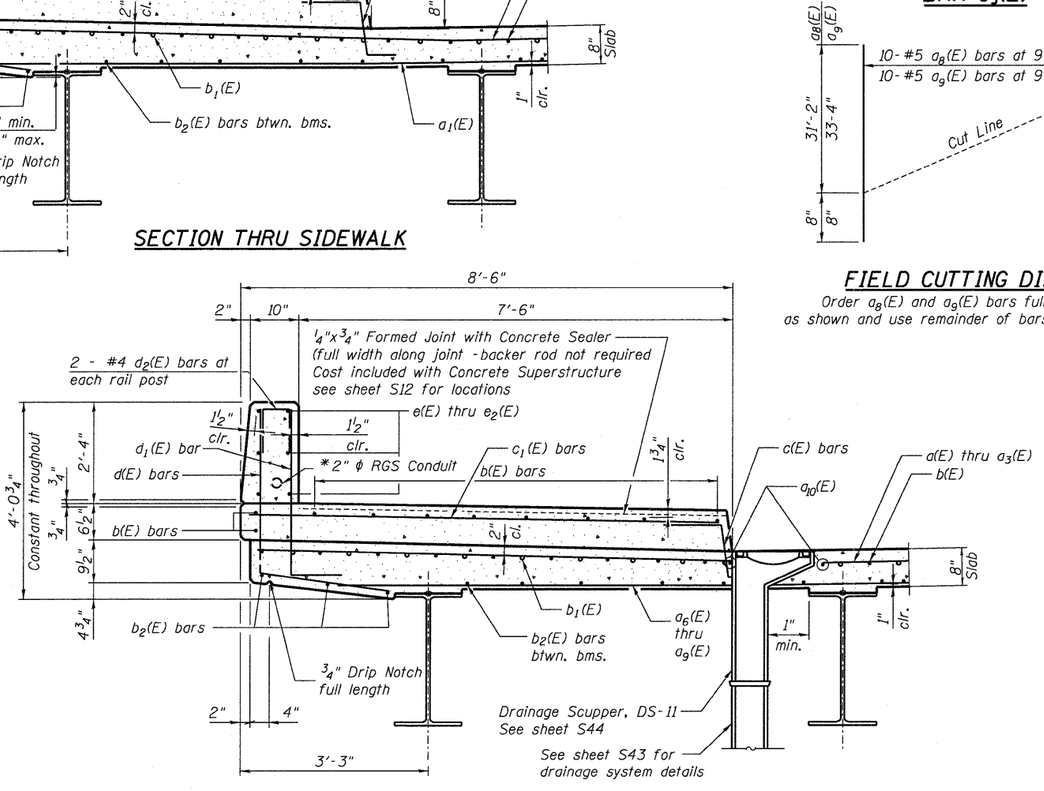
West Parapet Looking West Shown,
East Parapet Looking East is Similar
Dimensions along Front Face of Parapet



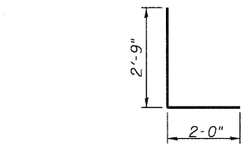


SECTION THRU SIDEWALK

**Conduit shall have miniumum 1½" clearance from all reinforcement.*



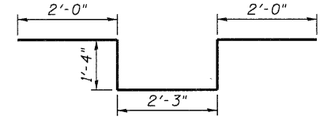
SECTION B-B



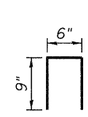
BAR d3(E)

FIELD CUTTING DIAGRAM

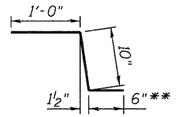
Order $a_8(E)$ and $a_9(E)$ bars full length. Cut as shown and use remainder of bars in opposite face.



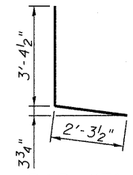
BAR d4(E)



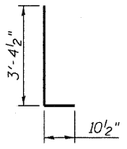
BAR d2(E)



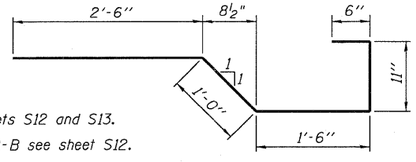
BAR c(E)



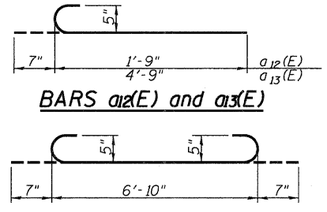
BAR d(E)



BAR d1(E)



BAR x(E)



BARS a12(E) and a13(E)

BAR a11(E)

FIELD CUTTING DIAGRAM

Order $a_2(E)$ and $a_3(E)$ bars full length. Cut as shown and use remainder of bars in opposite face.

Notes:

1. *Work this sheet with sheets S12 and S13.*
2. *For location of Section B-B see sheet S12.*
3. *For electrical conduits plan location, see sheets E2 and E3.*
4. *For electrical conduits details, see sheet E8.*
5. *For Bridge Fence Railing details see sheet S25.*

*** In lieu of bottom leg, c(E) bars may be cored and set according to Article 509.06 of Standard Specifications. Cored holes shall be roughened or scored per manufacturer's recommendations. Maximum depth of cored shall not exceed 6".*

SUPERSTRUCTURE BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a(E)	315	#5	33' - 8"	
a_1(E)	315	#5	36' - 9"	
a_2(E)	14	#5	31' - 10"	
a_3(E)	14	#5	34' - 8"	
a_4(E)	10	#5	34' - 9"	
a_5(E)	10	#5	36' - 11"	
a_6(E)	210	#5	33' - 7"	
a_7(E)	210	#5	36' - 8"	
a_8(E)	10	#5	31' - 10"	
a_9(E)	10	#5	34' - 0"	
a_{10}(E)	16	#5	2' - 0"	
a_{11}(E)	48	#5	8' - 0"	
a_{12}(E)	6	#5	2' - 4"	
a_{13}(E)	6	#5	5' - 4"	
b(E)	558	#5	31' - 3"	
b_1(E)	497	#5	27' - 3"	
b_2(E)	142	#6	25' - 2"	
c(E)	344	#5	2' - 4"	
c_1(E)	344	#5	8' - 3"	
d(E)	344	#4	5' - 8"	
d_1(E)	344	#6	4' - 3"	
d_2(E)	76	#4	2' - 0"	
d_3(E)	6	#6	4' - 9"	
d_4(E)	10	#6	8' - 11"	
e(E)	72	#4	17' - 10"	
e_1(E)	48	#4	8' - 11"	
e_2(E)	24	#4	12' - 3"	
x(E)	146	#5	6' - 5"	
Concrete Superstructure			Cu. Yds.	424.8
Bridge Deck Grooving			Sq. Yds.	1,043
Protective Coat			Sq. Yds.	1,475
Reinforcement Bars, Epoxy Coated			Pound	88,980
Bar Splicers (E)			Each	541

DESIGNED	EV
CHECKED	PC
DRAWN	JCP
CHECKED	JPO

EPSTEIN
600 WEST FULTON STREET
CHICAGO, ILLINOIS
60661-1259
TEL 312 454 9100
FAX 312 559 1217
WEB www.epsteinglobal.com

SHEET NO. S14
S52 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	1314B-1	COOK	110	50
		CONTRACT NO. 60F65		
	ILLINOIS	FED. AID PROJECT		

SUPERSTRUCTURE DETAILS 2
STRUCTURE NO. 016-2119

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