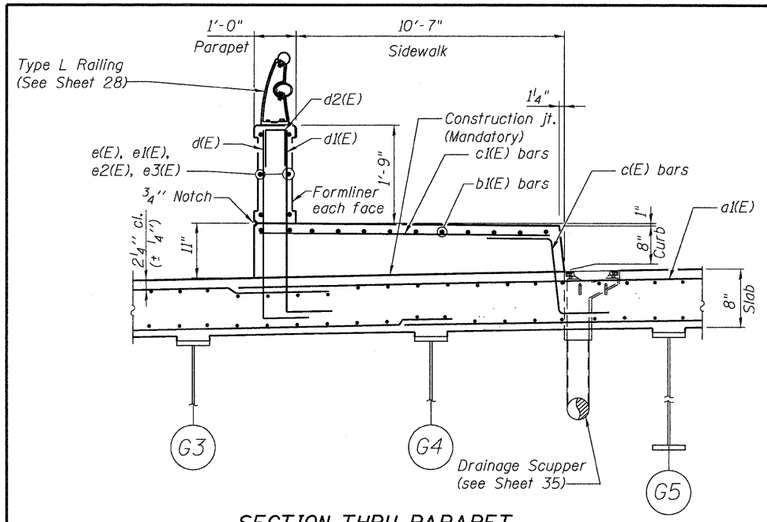
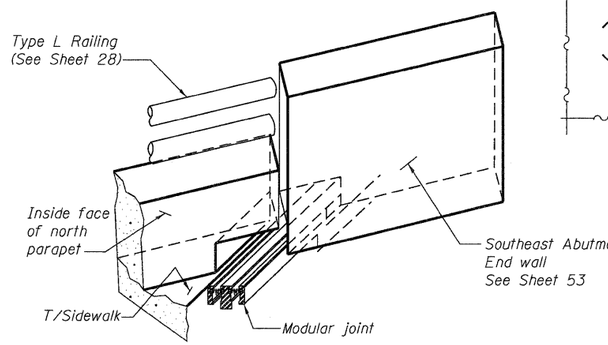
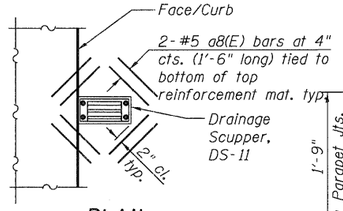


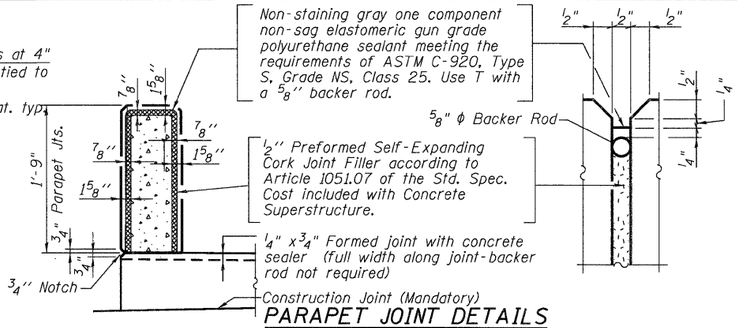
SECTION THRU PARAPET



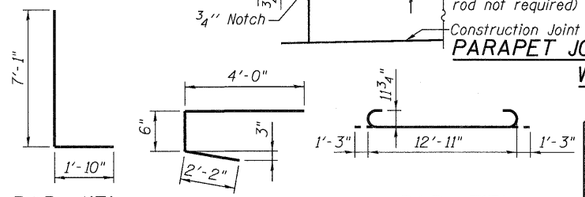
ISOMETRIC JOINT DETAILS



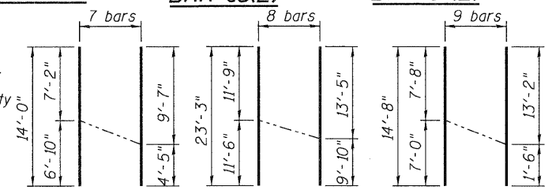
PLAN



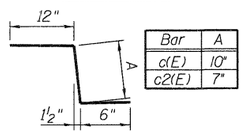
PARAPET JOINT DETAILS



BAR v1(E) BAR a5(E) BAR a7(E)

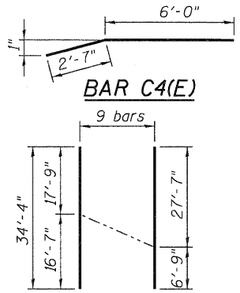


BAR b4(E) BAR b5(E) BAR b6(E)

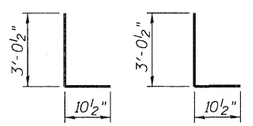


Bar	A
c(E)	10"
c2(E)	7"

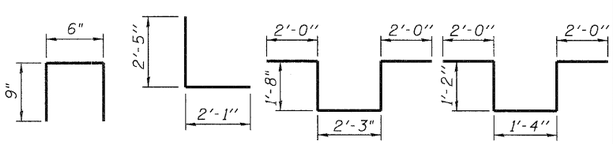
BARS c(E) & c2(E)



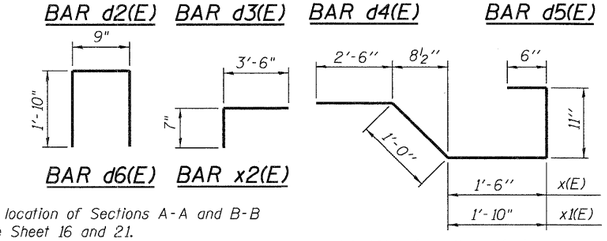
BAR C4(E)



BAR d(E) BAR d1(E) BAR c6(E)



BAR d2(E) BAR d3(E) BAR d4(E) BAR d5(E)



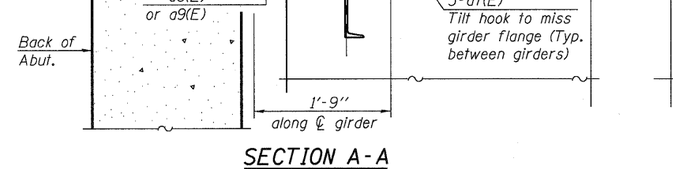
BARS x(E) & x1(E)

Note:
1. For location of Sections A-A and B-B see Sheet 16 and 21.
2. For Section C-C see Sheet 21.
3. For Traffic pole anchor bolts see Sheet 21.

WESTBOUND SUPERSTRUCTURE BILL OF MATERIAL

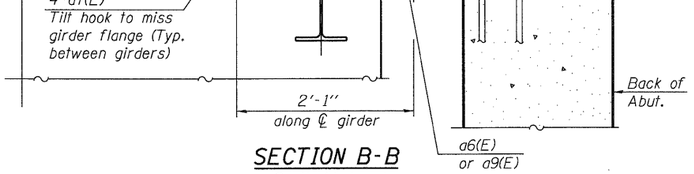
Bar	No.	Size	Length	Shape
a(E)	371	#5	27'-3"	
a1(E)	985	#5	28'-5"	
a2(E)	610	#5	33'-2"	
a3(E)	242	#5	29'-8"	
a4(E)	240	#5	24'-6"	
a5(E)	163	#5	6'-8"	
a6(E)	30	#9	49'-0"	
a7(E)	84	#9	15'-5"	
a8(E)	32	#5	1'-6"	
a9(E)	10	#9	51'-8"	
a10(E)	16	#5	4'-0	
b(E)	1,254	#5	31'-2"	
b1(E)	60	#5	38'-6"	
b4(E)	7	#5	14'-0"	
b5(E)	8	#5	23'-3"	
b6(E)	9	#5	14'-8"	
c(E)	175	#5	2'-4"	
c1(E)	180	#5	11'-2"	
c2(E)	90	#5	2'-1"	
c4(E)	10	#5	8'-7"	
c5(E)	18	#5	20'-0"	
c6(E)	9	#5	34'-4"	
d(E)	183	#4	3'-11"	
d1(E)	183	#6	3'-11"	
d2(E)	46	#4	2'-0"	
d3(E)	3	#6	4'-6"	
d4(E)	5	#6	9'-7"	
d5(E)	7	#5	7'-8"	
d6(E)	167	#4	4'-5"	
e(E)	6	#4	14'-10"	
e1(E)	42	#4	14'-8"	
e2(E)	6	#4	16'-0"	
e3(E)	18	#4	16'-8"	
e4(E)	12	#4	30'-0"	
h1(E)	6	#5	30'-9"	
h2(E)	6	#5	18'-3"	
t1(E)	47	#5	8'-2"	
v1(E)	47	#5	8'-11"	
w1(E)	18	#5	24'-9"	
x(E)	96	#5	6'-5"	
x1(E)	96	#5	6'-9"	
x2(E)	341	#5	4'-1"	
Reinforcement Bars, Epoxy Coated			Pound	141,590
Concrete Superstructure			Cu. Yd.	625.6

Bars indicated thus 1 x 2 -#8 etc. indicates 1 line of bars with 2 lengths per line.



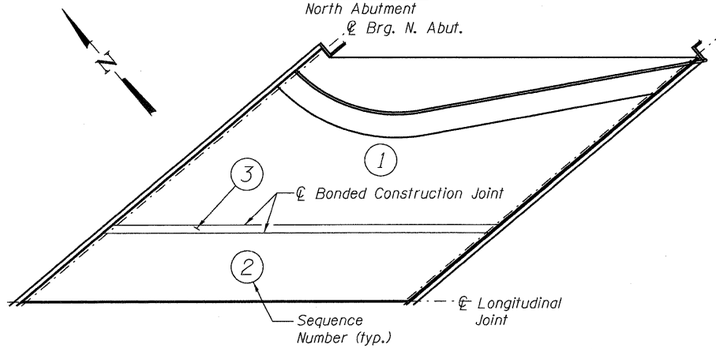
SECTION A-A

North Abutment



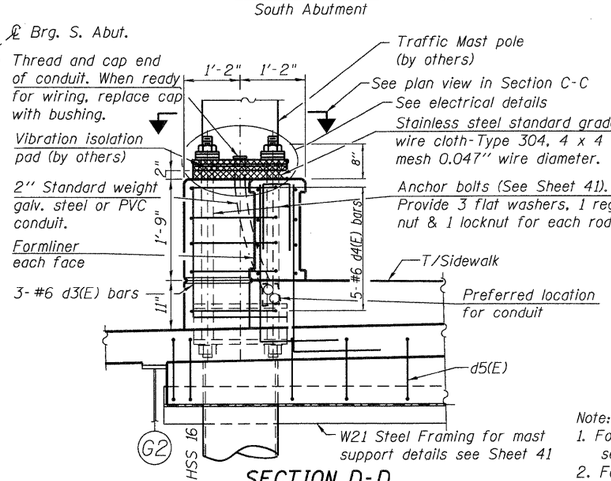
SECTION B-B

South Abutment



WB DECK POURING SEQUENCE

When the deck pour is stopped for the day at one or more of the bonded construction joints in the deck pouring sequence as shown, the next pour shall not be made until both of the following are met:
1. At least 72 hours shall have elapsed from the end of the previous pour.
2. The concrete strength shall have attained a minimum flexural strength of 650 psi or a minimum compressive strength of 3500 psi.



SECTION D-D

WB Parapet

McDonough Associates Inc.
Engineers / Architects
130 East Randolph Street Chicago, Illinois 60601

FILE NAME = 0450079-60122-018-WB_Parapet_Sdwk_Elev.dgn	USER NAME = jahrhart	DESIGNED - KJH	REVISED -
		CHECKED - PMH	REVISED -
	PLOT SCALE = 1:0.0833333	DRAWN - JDK	REVISED -
	PLOT DATE = 3/20/2012	CHECKED - PMH	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WESTBOUND SUPERSTRUCTURE DETAILS
STRUCTURE NO. 045-0079
SHEET NO. 18 OF 67 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
347	LY (HB & VB)	DUPAGE/KANE	421	184
		CONTRACT NO. 60122		
		ILLINOIS FED. AID PROJECT		