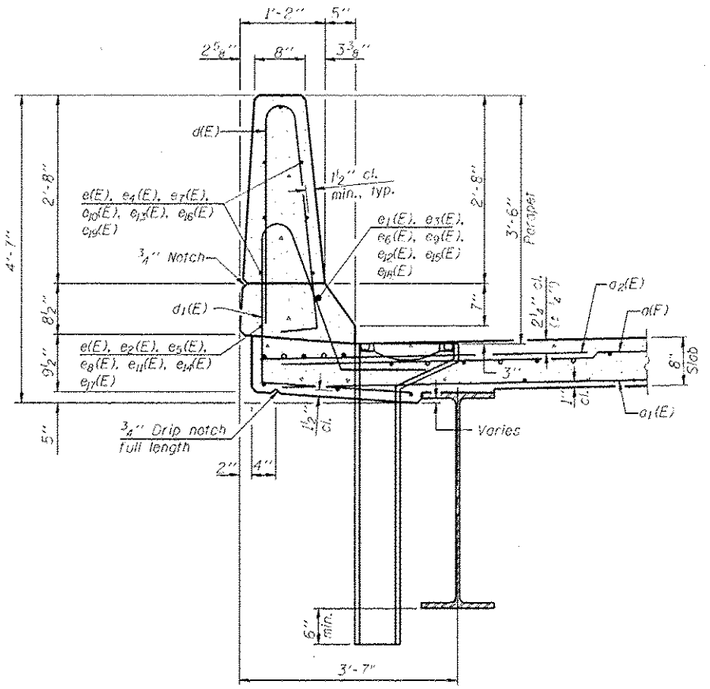
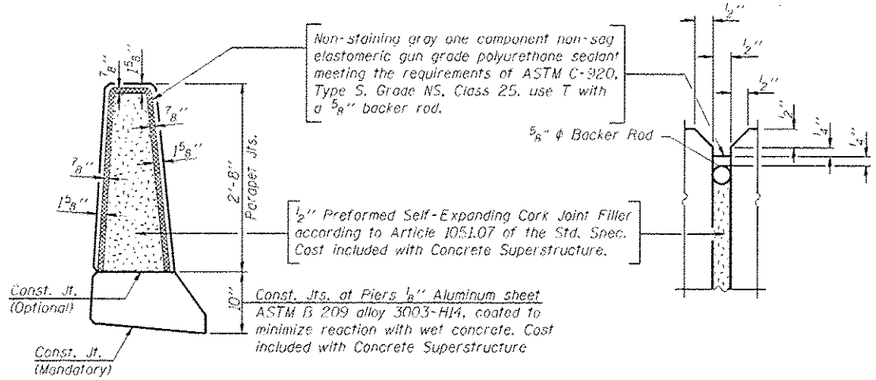


SECTION THRU PARAPET



PARAPET JOINT DETAILS

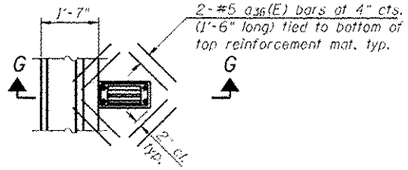
Notes:

Drains shall be located clear of all diaphragms.

The exterior surfaces of the floor drains shall be painted with the finish coat as specified in the special provisions for Cleaning and Painting New Metal Structures. The exterior surfaces of the drains shall be cleaned according to the Society of Protective Coating's Spec. SSPC-SP1 prior to painting.

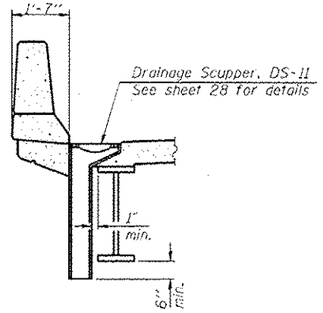
Fiberglass pipe shall conform to ASTM D 2996, with short-time rupture strength hoop tensile stress of 30,000 p.s.i. minimum.

Galvanize clamping device according to AASHTO M232. Cost of clamping device and inserts is included with Floor Drains.

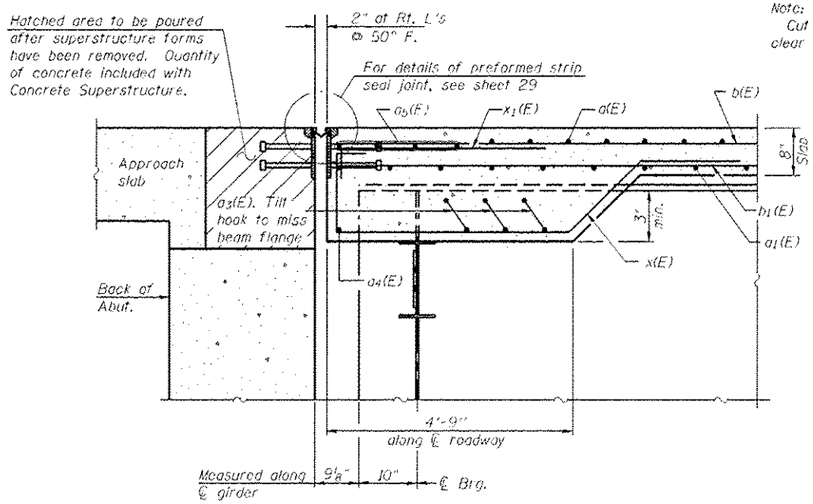


PLAN

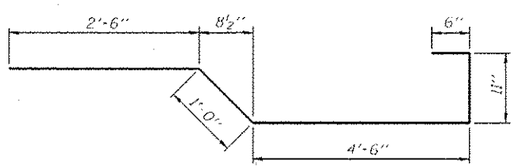
Note:
Cut longitudinal reinforcement to clear drainage scuppers.



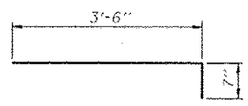
SECTION G-G



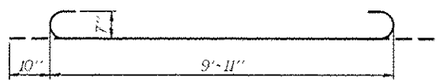
SECTION A-A



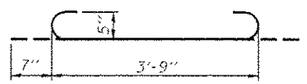
BAR x(E)



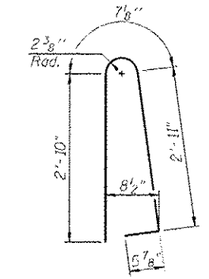
BAR x1(E)



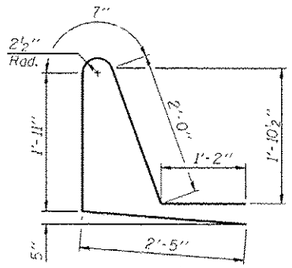
a3(E) BAR



a29(E) BAR



BAR d(E)



BAR d1(E)

TWO SUPERSTRUCTURES
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a(E)	2180	#5	21'-0"	
a1(E)	1334	#5	20'-6"	
a2(E)	4229	#6	6'-6"	
a3(E)	18	#7	9'-11"	
a4(E)	8	#7	24'-0"	
a5(E)	16	#7	28'-6"	
a6(E)	2040	#5	14'-9"	
a7(E)	1246	#5	18'-9"	
a8(E)	3	#5	2'-6"	
a9(E)	3	#5	3'-6"	
a10(E)	3	#5	4'-6"	
a11(E)	3	#5	5'-6"	
a12(E)	182	#5	6'-6"	
a13(E)	181	#5	7'-6"	
a14(E)	181	#5	8'-6"	
a15(E)	181	#5	9'-6"	
a16(E)	473	#5	11'-0"	
a17(E)	429	#5	12'-0"	
a18(E)	361	#5	13'-0"	
a19(E)	383	#5	14'-0"	
a20(E)	361	#5	15'-0"	
a21(E)	239	#5	16'-0"	
a22(E)	109	#5	17'-0"	
a23(E)	109	#5	18'-0"	
a24(E)	109	#5	19'-0"	
a25(E)	39	#5	20'-0"	
a26(E)	35	#5	13'-6"	
a27(E)	1	#7	19'-3"	
a28(E)	1	#7	13'-3"	
a29(E)	12	#5	4'-11"	
a30(E)	65	#5	1'-6"	
b(E)	1546	#5	29'-6"	
b1(E)	579	#6	32'-7"	
b2(E)	1409	#5	28'-1"	
b3(F)	305	#5	30'-0"	
b4(F)	271	#5	28'-7"	
d(E)	2124	#5	6'-10"	
d1(E)	2124	#5	8'-1"	
e(E)	128	#4	19'-8"	
e1(E)	15	#8	19'-8"	
e2(E)	20	#4	27'-11"	
e3(E)	20	#8	30'-6"	
e4(E)	196	#4	18'-6"	
e5(E)	12	#4	25'-7"	
e6(E)	10	#8	32'-10"	
e7(E)	112	#4	17'-7"	
e8(E)	10	#4	28'-6"	
e9(E)	10	#8	31'-0"	
e10(E)	98	#4	18'-10"	
e11(E)	6	#4	26'-2"	
e12(E)	5	#8	33'-6"	
e13(E)	56	#4	18'-0"	
e14(E)	10	#4	27'-8"	
e15(E)	10	#8	30'-2"	
e16(E)	98	#4	18'-3"	
e17(E)	5	#4	29'-10"	
e18(E)	5	#8	32'-5"	
e19(E)	56	#4	17'-4"	
x(E)	68	#5	9'-5"	
x1(E)	68	#5	4'-1"	
Reinforcement Bars, Epoxy Coated			Pound	404,680
Concrete Superstructure			Cu. Yds.	1611.2
Bar Splicers			Each	3418

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

⚠1 REV. SHEET 6-3-13

CEC Cummins Engineering Corporation — Civil and Structural Engineering	JOB - 2265.2	DESIGNED - AAN	REVISED -
	FILE - 0540060_0061-72E11-20-21-SuperDetails.dgn	CHECKED - MDC	REVISED -
	DATE - 5/14/2013	DRAWN - SJS	REVISED -
		CHECKED - MDC	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUPERSTRUCTURE DETAILS
STRUCTURE NO. 054-0060 (SB) & STRUCTURE NO. 054-0061 (NB)
SHEET NO. 20 OF 53 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	06 LOGAN CO BR 2011-1	LOGAN	429	250
		CONTRACT NO. 72E11		
	ILLINOIS FED. AID PROJECT			