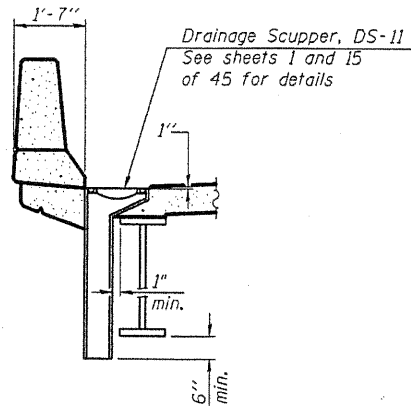
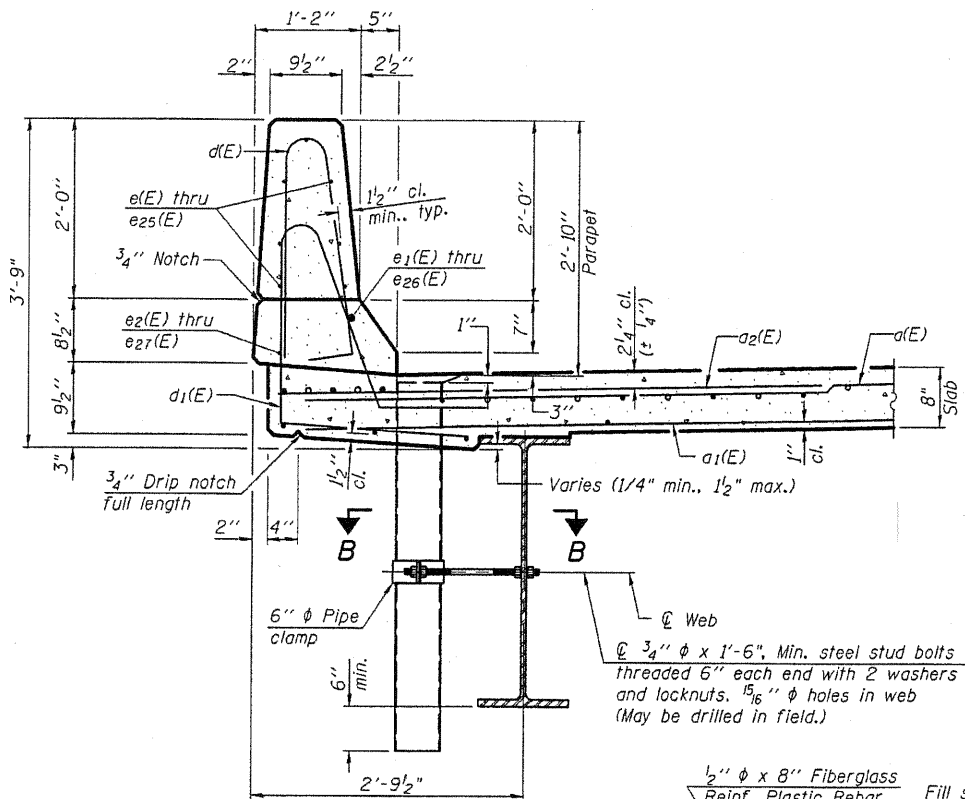


PLAN

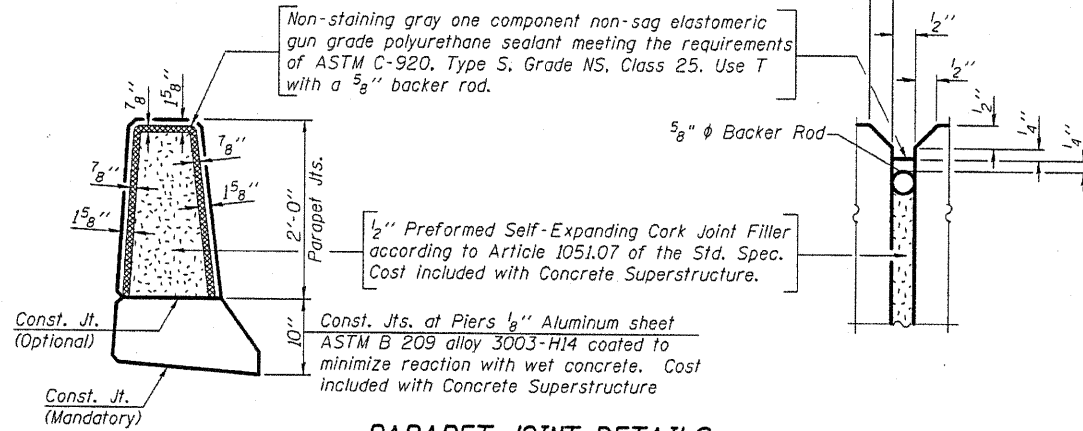
Note:
Cut longitudinal reinforcement to clear drainage scuppers.



SECTION A-A

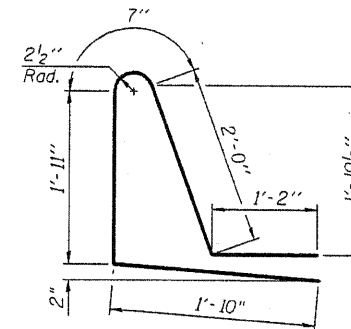


SECTION THRU PARAPET

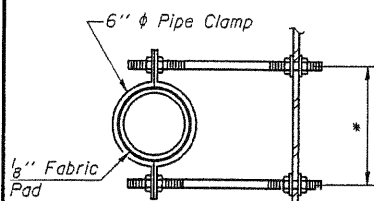
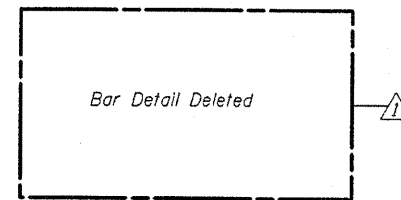


PARAPET JOINT DETAILS

Notes:
Drains shall be located clear of all diaphragms.
Floor Drains need not be painted.
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 galvanizing
included with Floor Drains.

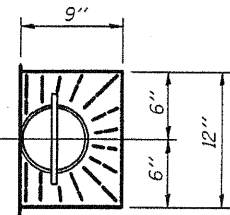


BAR d1(E)

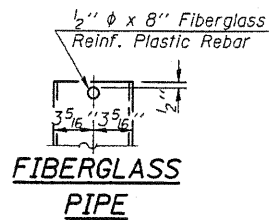
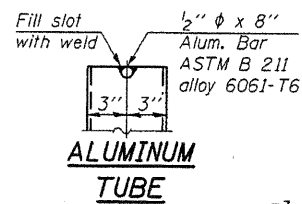
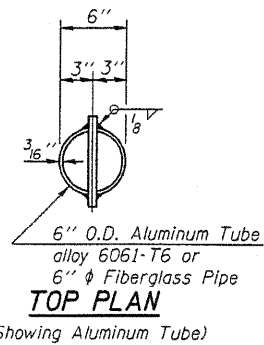


SECTION B-B

* Dimension as required
by Pipe Clamp

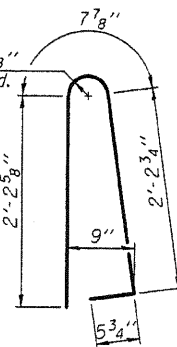


TOP PLAN

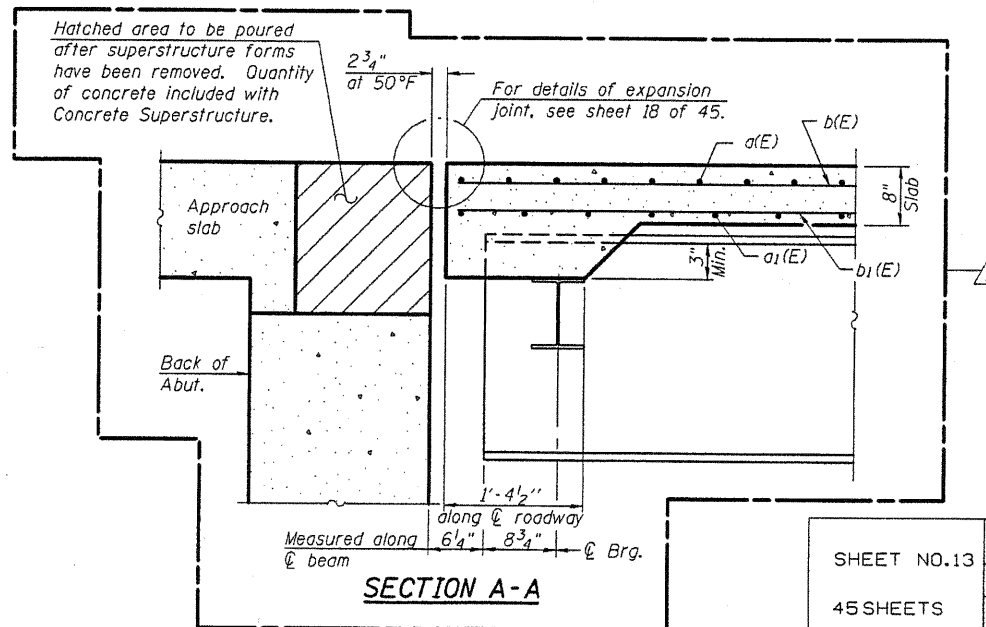
FIBERGLASS
PIPEALUMINUM
TUBE

TOP PLAN

(Showing Aluminum Tube)



BAR d(E)



SECTION A-A

SUPERSTRUCTURE BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a(E)	1,796	#5	17'-0"	
a1(E)	1,258	#5	16'-8"	
a2(E)	1,796	#6	6'-6"	
a4(E)	80	#5	1'-6"	
b(E)	570	#5	38'-2"	
b1(E)	465	#5	35'-11"	
b2(E)	102	#6	21'-8"	
b3(E)	34	#6	44'-6"	
b4(E)	68	#6	42'-9"	
b5(E)	102	#6	19'-8"	
d(E)	1,150	#5	5'-7"	
d1(E)	1,150	#5	7'-6"	
e(E)	56	#4	18'-4"	
e1(E)	4	#8	39'-9"	
e2(E)	4	#4	38'-2"	
e3(E)	32	#4	14'-4"	
e4(E)	4	#8	14'-4"	
e5(E)	56	#4	17'-3"	
e6(E)	4	#8	37'-7"	
e7(E)	4	#4	36'-0"	
e8(E)	32	#4	11'-0"	
e9(E)	4	#8	11'-0"	
e10(E)	56	#4	15'-6"	
e11(E)	4	#8	34'-0"	
e12(E)	4	#4	32'-5"	
e13(E)	32	#4	10'-6"	
e14(E)	4	#8	10'-6"	
e15(E)	56	#4	15'-8"	
e16(E)	4	#8	34'-5"	
e17(E)	4	#4	32'-10"	
e18(E)	32	#4	10'-1"	
e19(E)	4	#8	10'-1"	
e20(E)	56	#4	15'-3"	
e21(E)	4	#8	33'-7"	
e22(E)	4	#4	32'-0"	
e23(E)	32	#4	12'-3"	
e24(E)	4	#8	12'-3"	
e25(E)	56	#4	18'-1"	
e26(E)	4	#8	39'-3"	
e27(E)	4	#4	37'-8"	

Reinforcement Bars, Epoxy Coated	Pound	147,300
Concrete Superstructure	Cu. Yds.	599.2
Floor Drains	Each	26
Bar Splicers	Each	1,527

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

SUPERSTRUCTURE DETAILS S.N. 085-0514

SHEET NO.13	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
45 SHEETS	713	120B-3	SCHUYLER	75	33
			CONTRACT NO. 72A03		
			FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT		

Revised 10/18/10 ADL

Klingner & Associates P.C.