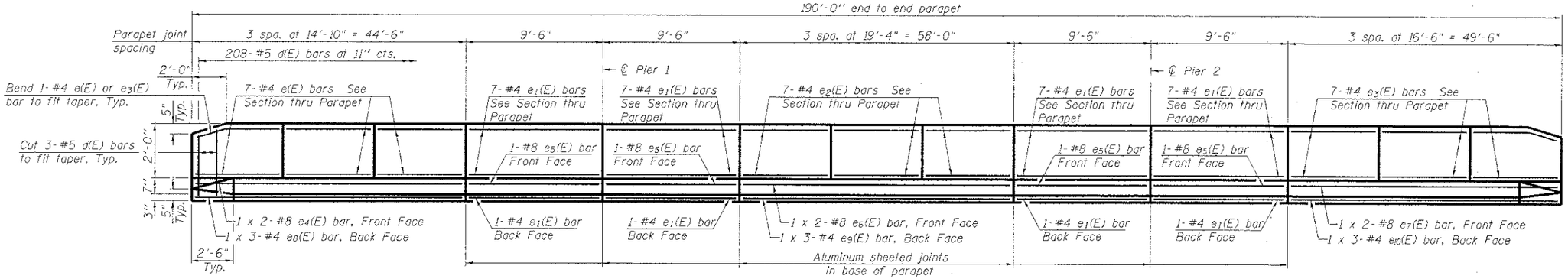
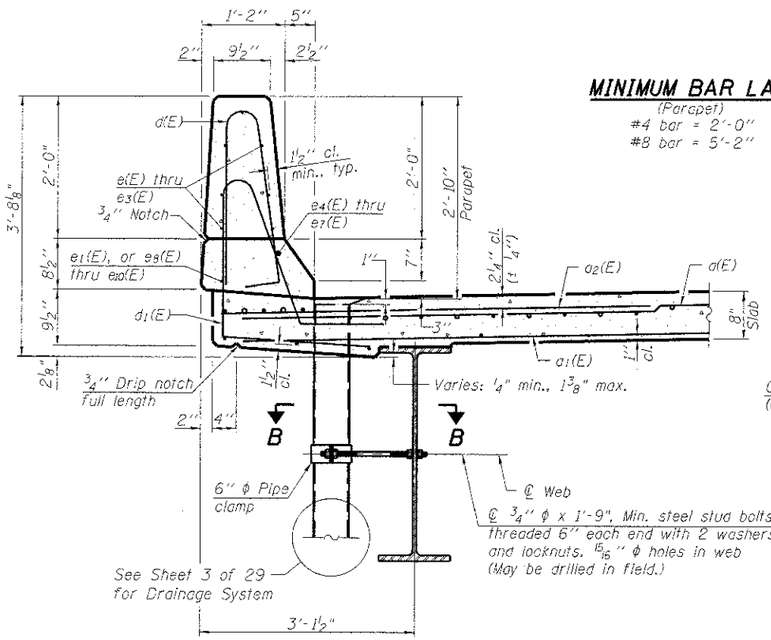


INSIDE ELEVATION OF PARAPET

(West Parapet shown - East Parapet opposite hand)



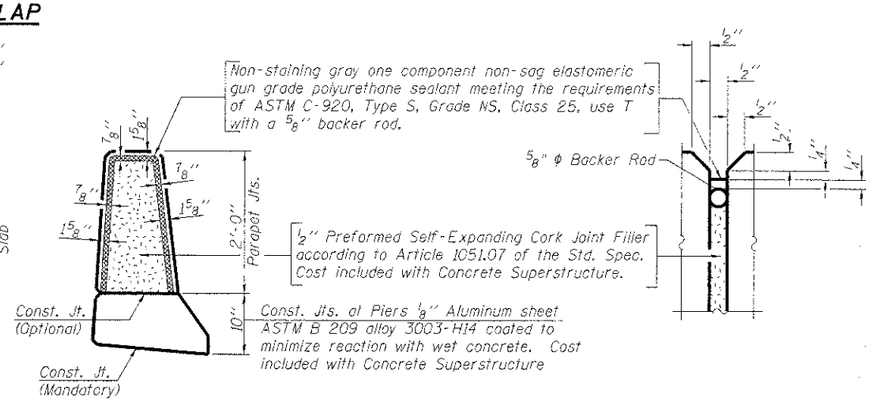
SECTION THRU PARAPET

MINIMUM BAR LAP

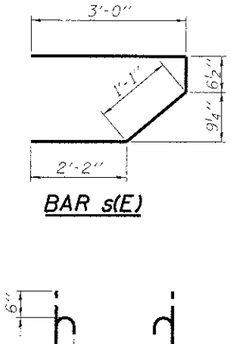
(Parapet)

#4 bar = 2'-0"

#8 bar = 5'-2"



PARAPET JOINT DETAILS



BAR s(E)

Notes:

The exterior surfaces of the 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.

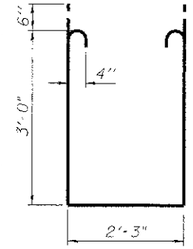
Galvanize clamping device according to AASHTO M232. Cost of clamping device and inserts is included with Floor Drains.

See fence rail anchorage note Sheet 13 of 29.

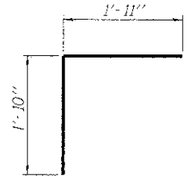
SUPERSTRUCTURE BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a(E)	351	#5	38'-7"	
a1(E)	228	#5	38'-1"	
a2(E)	352	#6	6'-6"	
a3(E)	4	#6	40'-8"	
b(E)	252	#5	33'-10"	
b1(E)	39	#6	34'-11"	
b2(E)	39	#6	35'-7"	
b3(E)	252	#5	29'-4"	
d(E)	416	#5	5'-7"	
d1(E)	416	#5	7'-11"	
e(E)	42	#4	14'-7"	
e1(E)	64	#4	9'-3"	
e2(E)	42	#4	19'-1"	
e3(E)	42	#4	16'-3"	
e4(E)	4	#8	24'-9"	
e5(E)	8	#8	9'-3"	
e6(E)	4	#8	31'-6"	
e7(E)	4	#8	27'-3"	
e8(E)	6	#4	16'-1"	
e9(E)	6	#4	20'-7"	
e10(E)	6	#4	17'-9"	
m(E)	6	#6	41'-0"	
m1(E)	4	#6	38'-6"	
m2(E)	24	#6	9'-8"	
m3(E)	10	#6	6'-6"	
m4(E)	4	#6	3'-0"	
s(E)	82	#5	6'-10"	
s1(E)	72	#4	9'-3"	
v(E)	74	#5	3'-9"	
Reinforcement Bars, Epoxy Coated		Pound	58,940	
Concrete Superstructure		Cu. Yds.	258.8	
Floor Drains		Each	12	
Bar Splicers		Each	84	

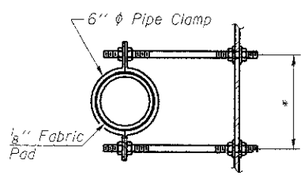
Bars indicated thus 1 x 2-#8 etc. indicates 1 line of bars with 2 lengths per line.



BAR s1(E)

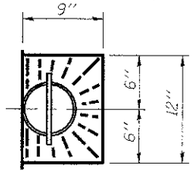


BAR v(E)

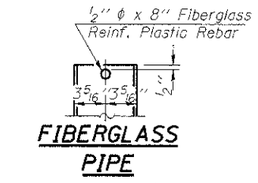


SECTION B-B

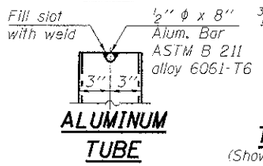
*Dimension as required by Pipe Clamp



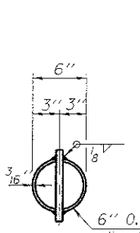
TOP PLAN



FIBERGLASS PIPE

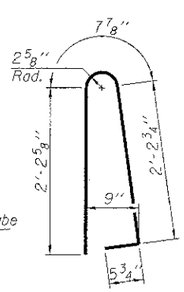


ALUMINUM TUBE

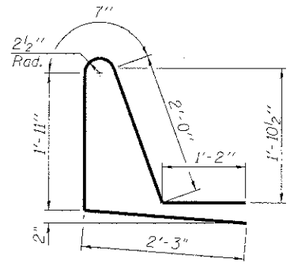


TOP PLAN

(Showing Aluminum Tube)



BAR d(E)



BAR d1(E)

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	PLOT DATE = 11/5/2012	CHECKED - ADL	REVISED -

ADAMS COUNTY
HIGHWAY DEPARTMENT

SUPERSTRUCTURE DETAILS
S.N. 001-3338
SHEET NO. 10 OF 29 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1598	11-00218-00-BR	ADAMS	53	26
		CONTRACT NO. 93590		
		ILLINOIS FED. AID PROJECT		

Klingner & Associates P.C.