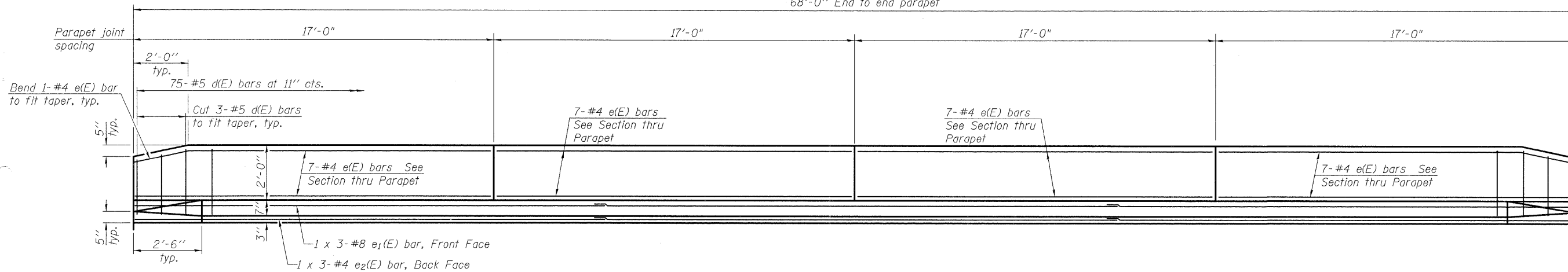


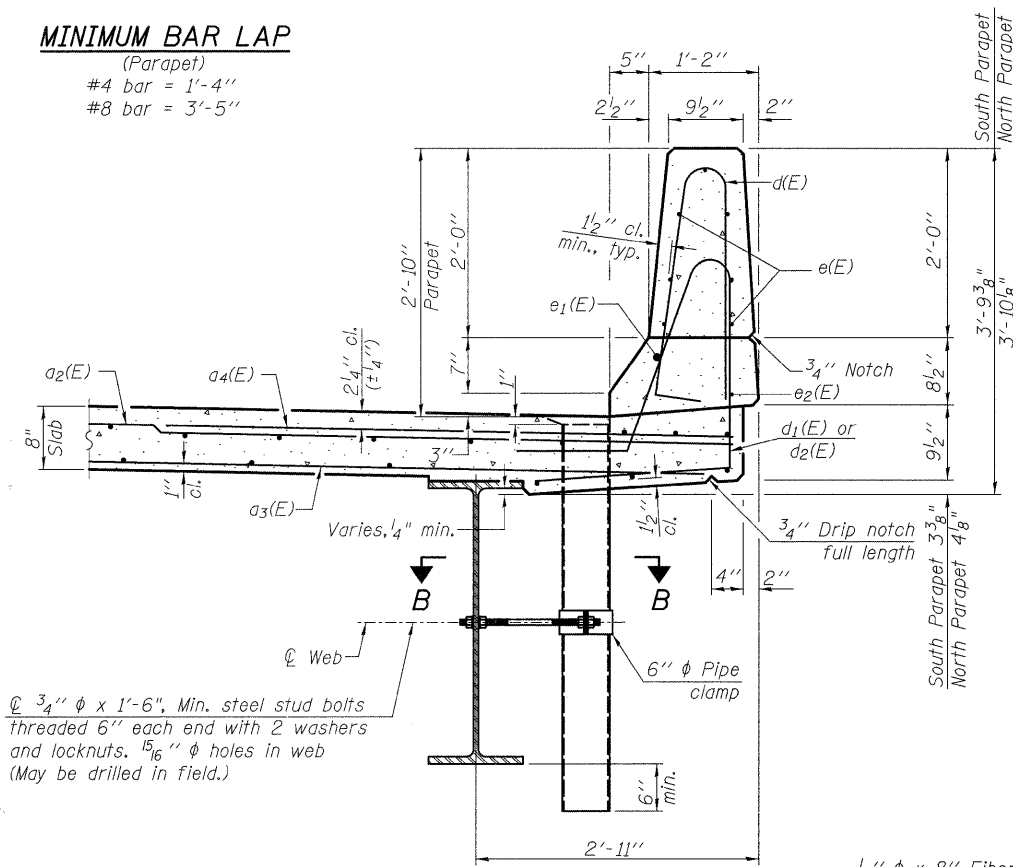
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

68'-0" End to end parapet

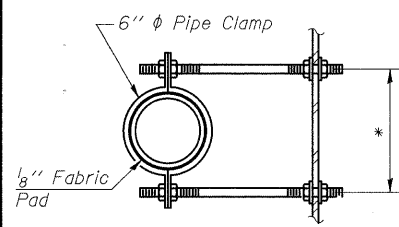


MINIMUM BAR LAP

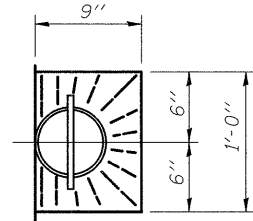
(Parapet)
#4 bar = 1'-4"
#8 bar = 3'-5"



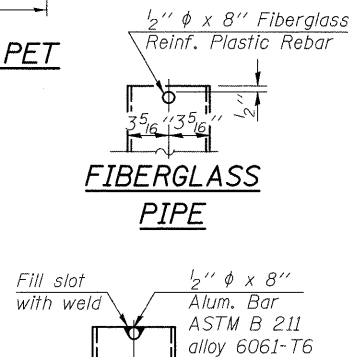
SECTION THRU PARAPET
(South Parapet Shown)



SECTION B-B
*Dimension as required by Pipe Clamp

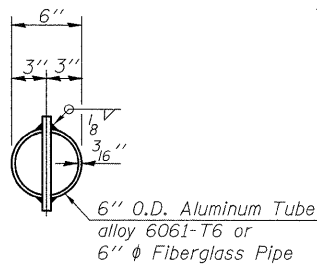


TOP PLAN



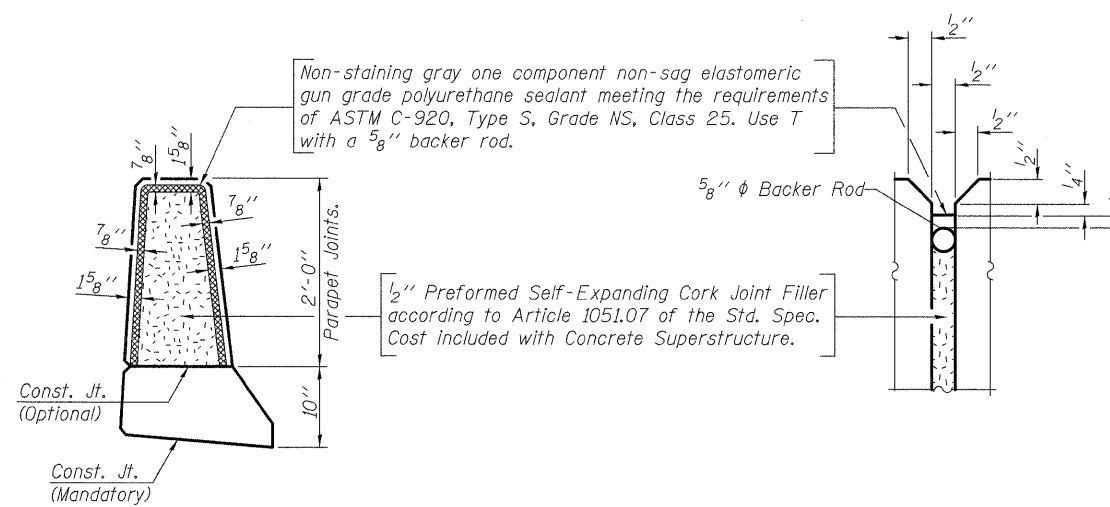
FIBERGLASS PIPE

ALUMINUM TUBE



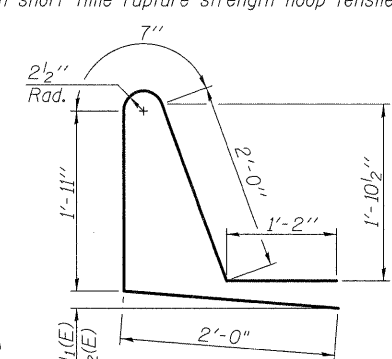
TOP PLAN
(Showing Aluminum Tube)

INSIDE ELEVATION OF PARAPET

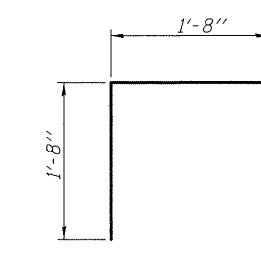


PARAPET JOINT DETAILS

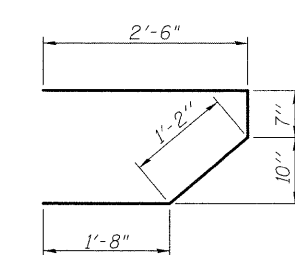
Notes:
The exterior surfaces of the floor drains shall be painted with the finish coat as specified in the special provisions for Cleaning and Painting New Metal Structures. The exterior surfaces of the drains shall be cleaned according to Society of Protective Coatings Spec. SSPC-SP1 prior to painting. Fiberglass pipe shall conform to ASTM D 2996, with short-time rupture strength hoop tensile stress of 30,000 p.s.i. minimum. Drains shall be located clear of all diaphragms.



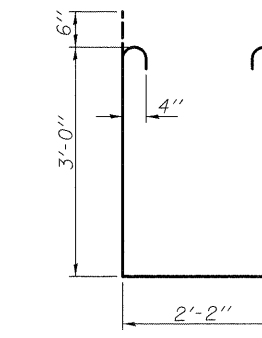
BAR d1(E) & d2(E)



BAR v(E)



BAR s(E)



BAR s1(E)

**SUPERSTRUCTURE
BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
a(E)	117	#5	18'-5"	—
a1(E)	82	#5	18'-1"	—
a2(E)	117	#5	15'-8"	—
a3(E)	82	#5	15'-4"	—
a4(E)	234	#6	6'-0"	—
a5(E)	4	#5	18'-7"	—
a6(E)	4	#5	15'-10"	—
b(E)	117	#5	23'-9"	—
b1(E)	64	#5	34'-9"	—
d(E)	150	#5	5'-7"	┌
d1(E)	75	#5	7'-8"	┌
d2(E)	75	#5	7'-8"	┌
e(E)	56	#4	16'-9"	—
e1(E)	6	#8	24'-11"	—
e2(E)	6	#4	23'-6"	—
m(E)	4	#6	15'-5"	—
m1(E)	4	#6	18'-2"	—
m2(E)	6	#6	16'-1"	—
m3(E)	6	#6	18'-10"	—
m4(E)	8	#6	4'-10"	—
m5(E)	2	#6	0'-11"	—
m6(E)	2	#6	3'-8"	—
m7(E)	4	#6	2'-4"	—
m8(E)	12	#6	7'-3"	—
m9(E)	12	#6	8'-2"	—
s(E)	74	#5	5'-11"	┌
s1(E)	64	#4	9'-2"	┌
v(E)	70	#5	3'-4"	┌
Reinforcement Bars, Epoxy Coated		Pound	19660	
Concrete Superstructure		Cu. Yd.	96.2	
Floor Drains		Each	4	

Bars indicated thus 1 x 3-#8 etc. indicates 1 line of bars with 3 lengths per line.

**SUPERSTRUCTURE DETAILS
IL 34/146 OVER
THREE MILE CREEK
STATION 76+80.00**

<p>LIN ENGINEERING, LTD. Consulting Engineers Chatham, Illinois</p>	<p>SHEET NO. 7 18 SHEETS</p>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		885	5B-1	Hardin	48	20
		S.N. 035-0015		CONTRACT NO. 98949		
		FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		