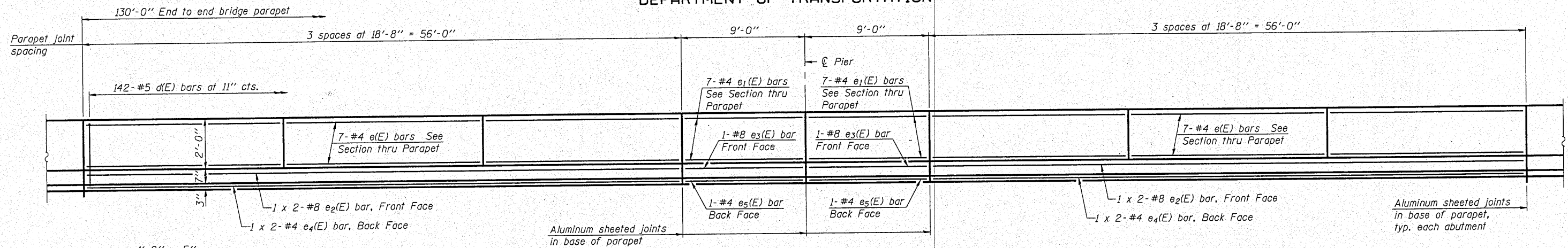
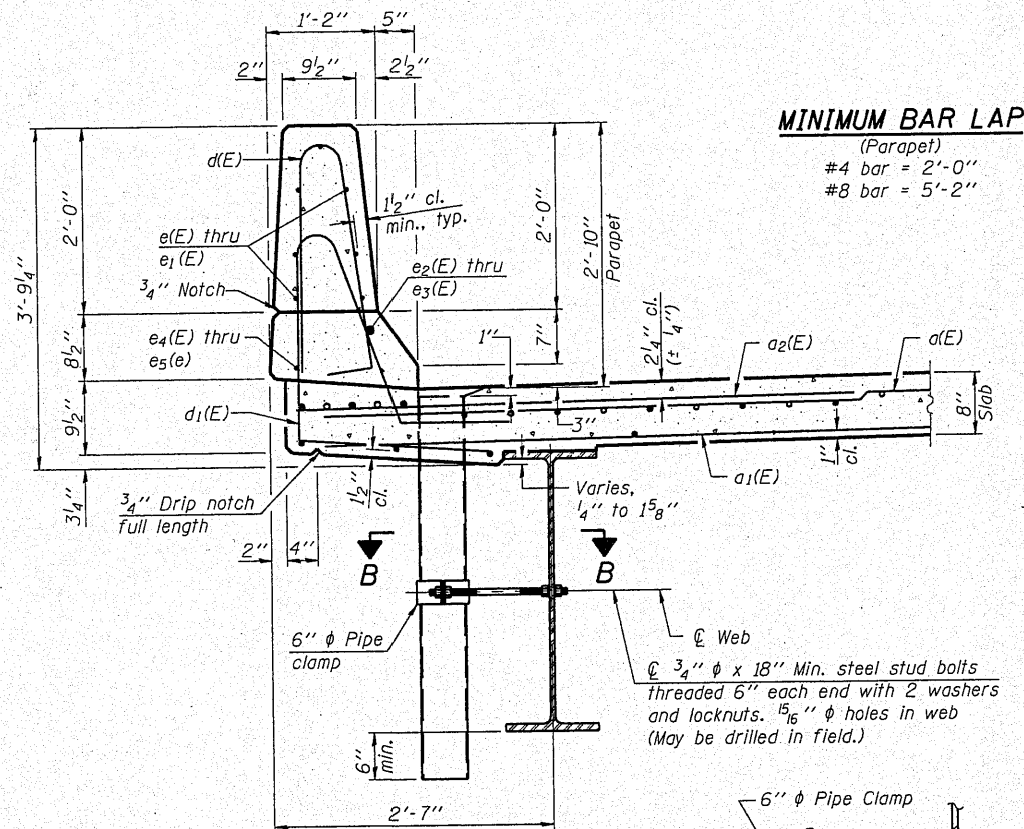


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

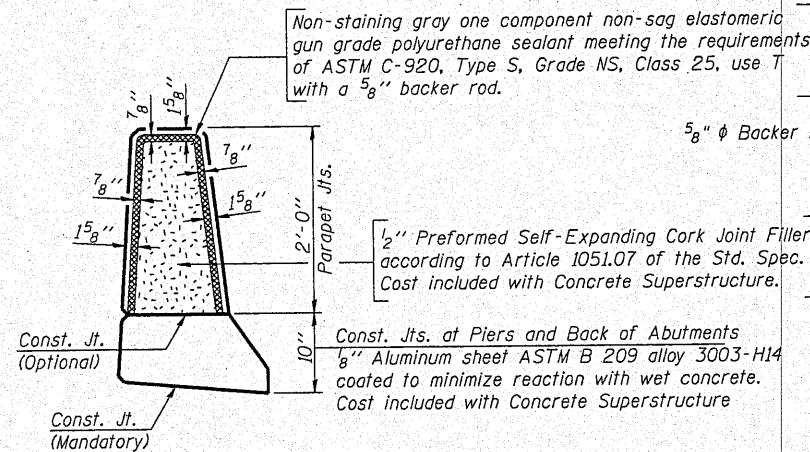


INSIDE ELEVATION OF PARAPET



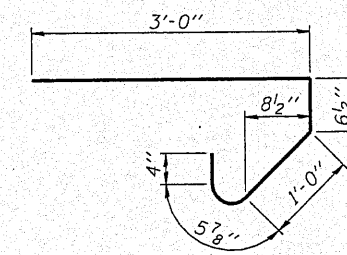
SECTION THRU PARAPET

MINIMUM BAR LAP
(Parapet)
#4 bar = 2'-0"
#8 bar = 5'-2"

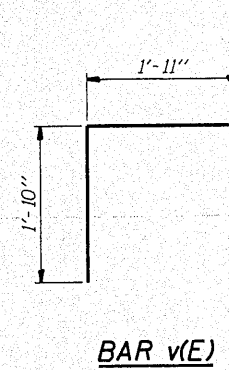
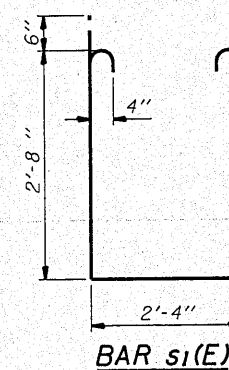
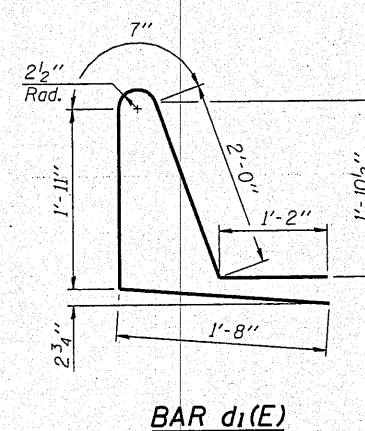
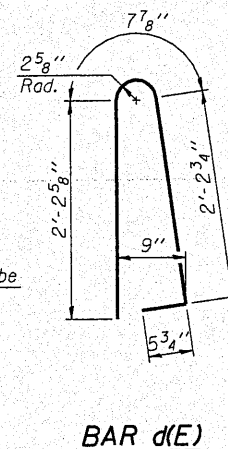
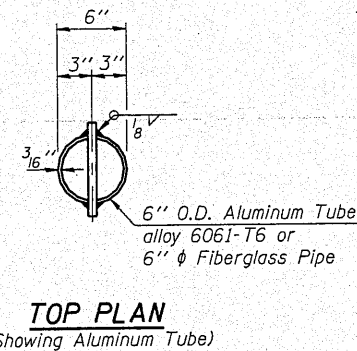
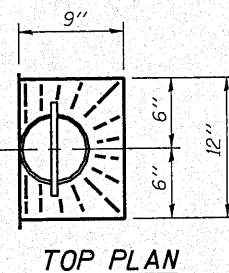
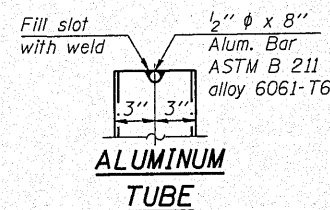
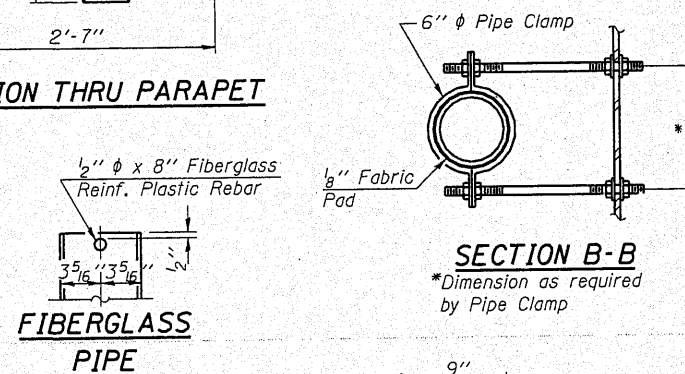


PARAPET JOINT DETAILS

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



BAR s(E)



**SUPERSTRUCTURE
BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
a(E)	446	#5	17'-1"	—
a ₁ (E)	312	#5	16'-10"	—
a ₂ (E)	446	#6	6'-6"	—
a ₃ (E)	8	#5	18'-4"	—
b(E)	190	#5	28'-0"	—
b ₁ (E)	36	#6	36'-0"	—
b ₂ (E)	192	#5	23'-9"	—
d(E)	284	#5	5'-7"	—
d ₁ (E)	284	#5	7'-4"	—
e(E)	84	#4	18'-4"	—
e ₁ (E)	28	#4	8'-8"	—
e ₂ (E)	8	#8	30'-6"	—
e ₃ (E)	4	#8	8'-8"	—
e ₄ (E)	8	#4	28'-11"	—
e ₅ (E)	4	#4	8'-8"	—
m(E)	20	#6	18'-4"	—
m ₁ (E)	24	#6	8'-0"	—
m ₂ (E)	8	#6	6'-0"	—
m ₃ (E)	4	#6	2'-4"	—
m ₄ (E)	4	#6	2'-10"	—
s(E)	80	#5	5'-5"	—
s ₁ (E)	72	#4	8'-8"	—
v(E)	72	#5	3'-9"	—
Reinforcement Bars, Epoxy Coated			Pound	38210
Concrete Superstructure			Cu. Yd.	167.5

Bars indicated thus 1 x 2 - #5 etc. indicates 1 line of bars with 2 lengths per line.

**SUPERSTRUCTURE DETAILS
STRUCTURE NO. 036-0070**

SHEET NO. 8	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
22 SHEETS	657	(116-C)BR-1	HENDERSON	56	25
CONTRACT NO. 68761					
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT					

DESIGNED - BAS
CHECKED - KEF
DRAWN - SGM
CHECKED - BAS