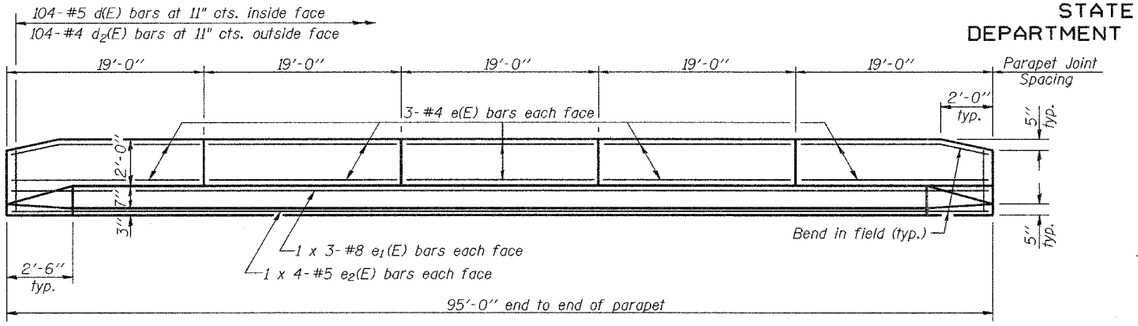
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

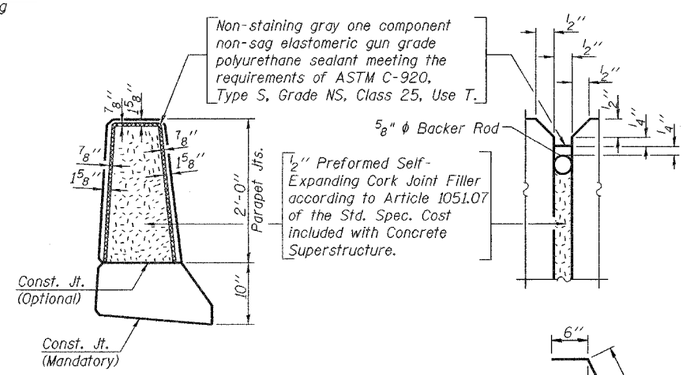
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 781	108B-1	CRAWFORD	38	16
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

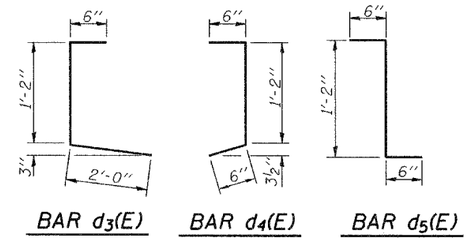
SHEET NO. 7
16 SHEETS

Contract #94656



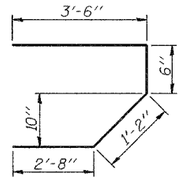
INSIDE ELEVATION OF PARAPET



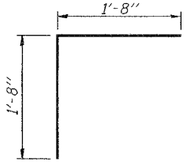


MIN. BAR LAPS

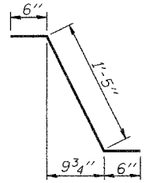
#5 bar = 1'-8"
#8 bar = 3'-5"



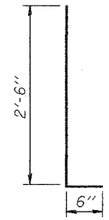
BAR s(E)



BAR v(E)



BAR d1(E)

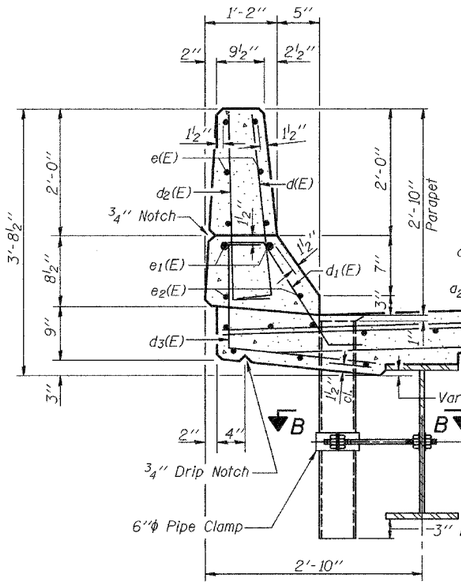


BARS d(E) & d2(E)

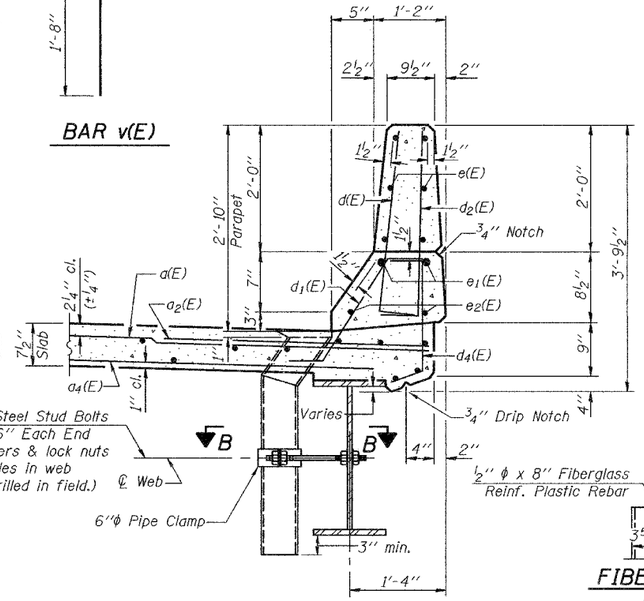
SUPERSTRUCTURE BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a(E)	143	#5	13'-4"	——
a1(E)	143	#5	23'-2"	——
a2(E)	142	#6	4'-6"	——
a3(E)	115	#5	22'-2"	——
a4(E)	115	#5	12'-4"	——
a5(E)	4	#5	26'-5"	——
a6(E)	4	#5	15'-0"	——
a7(E)	8	#5	2'-0"	——
b(E)	123	#5	32'-8"	——
b1(E)	140	#5	25'-0"	——
d(E)	208	#5	3'-0"	⌐
d1(E)	196	#5	2'-5"	⌐
d2(E)	208	#4	3'-0"	⌐
d3(E)	104	#4	3'-8"	⌐
d4(E)	104	#4	2'-2"	⌐
d5(E)	12	#5	2'-2"	⌐
e(E)	60	#4	18'-9"	——
e1(E)	12	#8	33'-11"	——
e2(E)	16	#5	25'-0"	——
m(E)	4	#6	14'-8"	——
m1(E)	4	#6	26'-0"	——
m2(E)	6	#6	15'-6"	——
m3(E)	6	#6	27'-0"	——
m4(E)	12	#6	7'-0"	——
m5(E)	16	#6	8'-10"	——
m6(E)	10	#6	6'-1"	——
m7(E)	4	#6	1'-3"	——
m8(E)	2	#6	4'-6"	——
m9(E)	2	#6	3'-0"	——
s(E)	68	#5	7'-10"	⌐
s1(E)	68	#4	10'-10"	⌐
v(E)	74	#5	3'-4"	⌐
Reinforcement Bars, Epoxy Coated			Pound	25210
Concrete Superstructure			Cu. Yds.	131.6

Reinforcement bars designated (E) shall be epoxy coated.
Bars indicated thus 1 x 3-#8 etc. indicates 1 line of bars with 3 lengths per line.



SECTION THRU EAST PARAPET



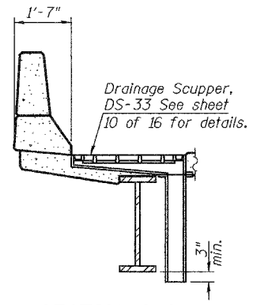
SECTION THRU WEST PARAPET

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 Requirements for Weathering Steel. The exterior surfaces of the drains shall be cleaned according to Steel Structures Painting Council's Spec. SSPC-SP1 prior to painting.

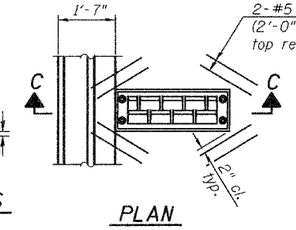
Fiberglass pipe shall conform to ASTM D 2996, with short-time rupture strength hoop tensile stress of 30,000 p.s.i. minimum.

Cut longitudinal reinforcement to clear drainage scupper.

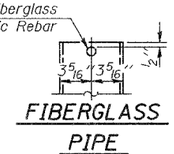
PARAPET JOINT DETAILS



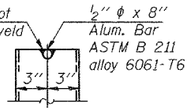
SECTION C-C



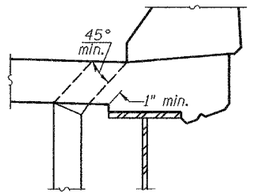
PLAN



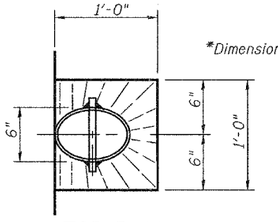
FIBERGLASS PIPE



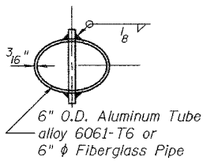
ALUMINUM TUBE



WEST PARAPET TUBE DETAIL

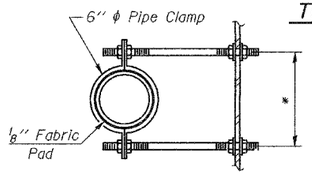


TOP PLAN
(Showing Tube Section)

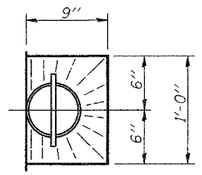


TOP PLAN
(Showing Aluminum Tube)

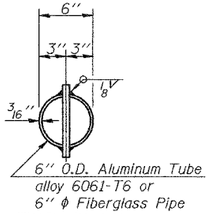
FLOOR DRAINS-WEST PARAPET



SECTION B-B



TOP PLAN



TOP PLAN
(Showing Aluminum Tube)

FLOOR DRAINS-EAST PARAPET

DESIGNED	W. Beisner
CHECKED	Chi-Cheung Chau
DRAWN	R. Dalsin
CHECKED	C.C.C./S.J.B./S.M.R.

December 13 2005
EXAMINED Thomas J. Domagalski
ENGINEER OF BRIDGE DESIGN
PASSED Ralph E. Anderson
ENGINEER OF BRIDGES AND STRUCTURES

SUPERSTRUCTURE DETAILS
F.A.P. ROUTE 781 - SECTION 108B-1
CRAWFORD COUNTY
STATION 545+80.00
STRUCTURE NO. 017-0030

...\projects\rps00005\G17\0030.dgn 12/9/2005 12:53:36 AM