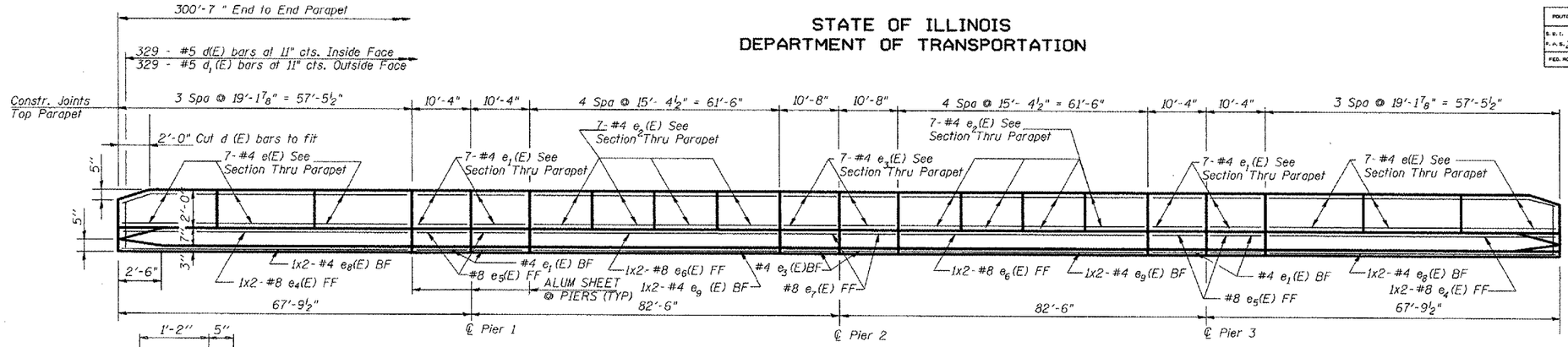
CONTRACT NO. 68085

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.S. 220	*	Mercer	50	24
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

SHEET NO. 12
SHEETS 23

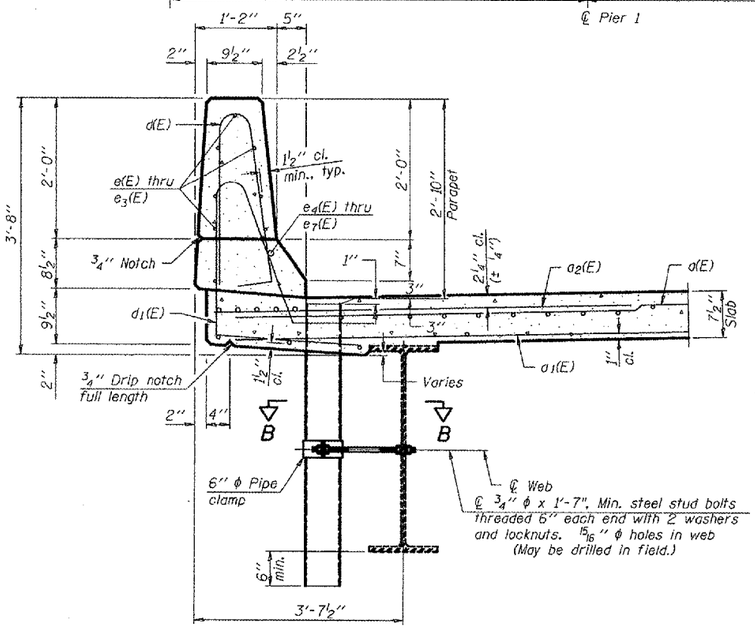
*(23-BR) I

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



SUPERSTRUCTURE BILL OF MATERIAL

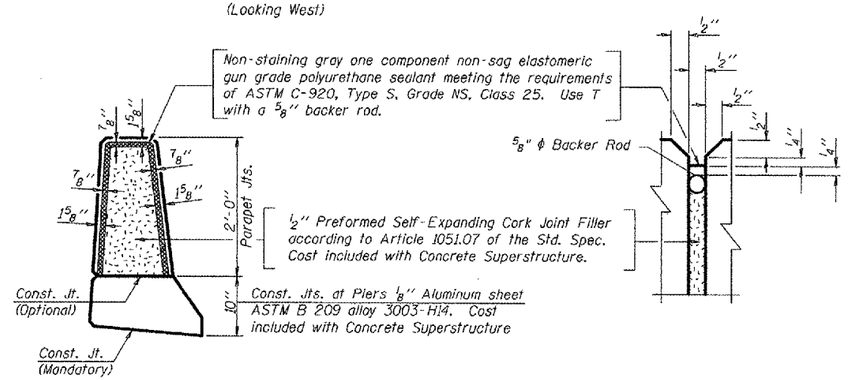
Bar	No.	Size	Length	Shape
a(E)	808	#5	17'-8"	
a1(E)	808	#5	19'-10"	
a2(E)	450	#6	6'-0"	
a3(E)	48	#5	2'-0"	
b(E)	418	#5	29'-2"	
b1(E)	105	#6	44'-6"	
b2(E)	384	#5	26'-11"	
d(E)	658	#5	5'-7"	
d1(E)	658	#5	8'-5"	
e(E)	84	#4	18'-10"	
e1(E)	64	#4	10'-0"	
e2(E)	112	#4	15'-0"	
e3(E)	32	#4	10'-4"	
e4(E)	8	#8	30'-10"	
e5(E)	8	#8	10'-0"	
e6(E)	8	#8	32'-10"	
e7(E)	4	#8	10'-4"	
e8(E)	8	#4	29'-5"	
e9(E)	8	#4	31'-5"	
m10 (E)	80	#6	5'-3"	
m11 (E)	8	#6	4'-0"	
m12 (E)	20	#6	14'-10"	
m13 (E)	20	#6	16'-2"	
s10 (E)	62	#5	11'-3"	
s11 (E)	70	#5	7'-8"	
u(E)	70	#5	5'-9"	
v(E)	68	#5	4'-0"	
Reinforcement Bars, Epoxy Coated			Pound	84,450
Concrete Superstructure			Cu. Yds.	346.4



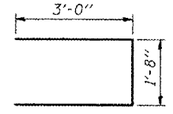
SECTION THRU PARAPET

INSIDE ELEVATION OF PARAPET

(Looking West)

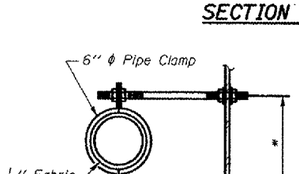


PARAPET JOINT DETAILS



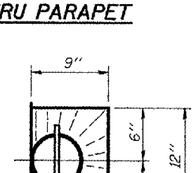
BAR s_{11} (E)

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 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.

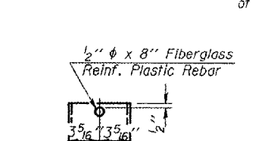


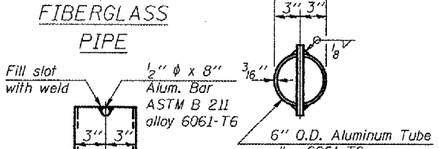
SECTION B-B

* Dimension as required by Pipe Clamp



TOP PLAN

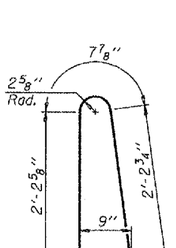




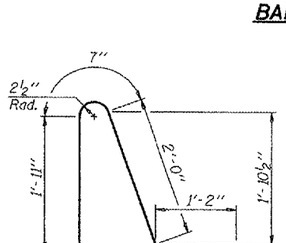
ALUMINUM TUBE

TOP PLAN

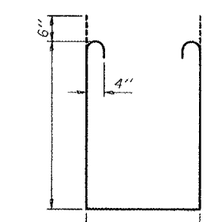
(Showing Aluminum Tube)



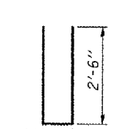
BAR d(E)



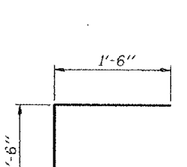
BAR d_1(E)



BAR s10 (E)



BAR u (E)



BAR v(E)

Reinforcement bars designated (E) shall be epoxy coated.

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

Minimum Lap #4 bar - 1'-8"
#5 bar - 2'-2"
#6 bar - 2'-9"
#8 bar - 4'-6"

Work sheets 11 & 12 together

DESIGNED	K.E. Brandau
CHECKED	R.T. Mumm
DRAWN	L.A. Rolf
CHECKED	K.E. Brandau

S-1-D

11-1-06

SUPERSTRUCTURE DETAILS
F.A.S. ROUTE 220 (IL ROUTE 94)
OVER EDWARDS RIVER
SECTION (23-BR) I
MERCER COUNTY
STRUCTURE NO. 066-0008
STATION 104+73.75

FRAUENHOFFER & ASSOCIATES, P.C.