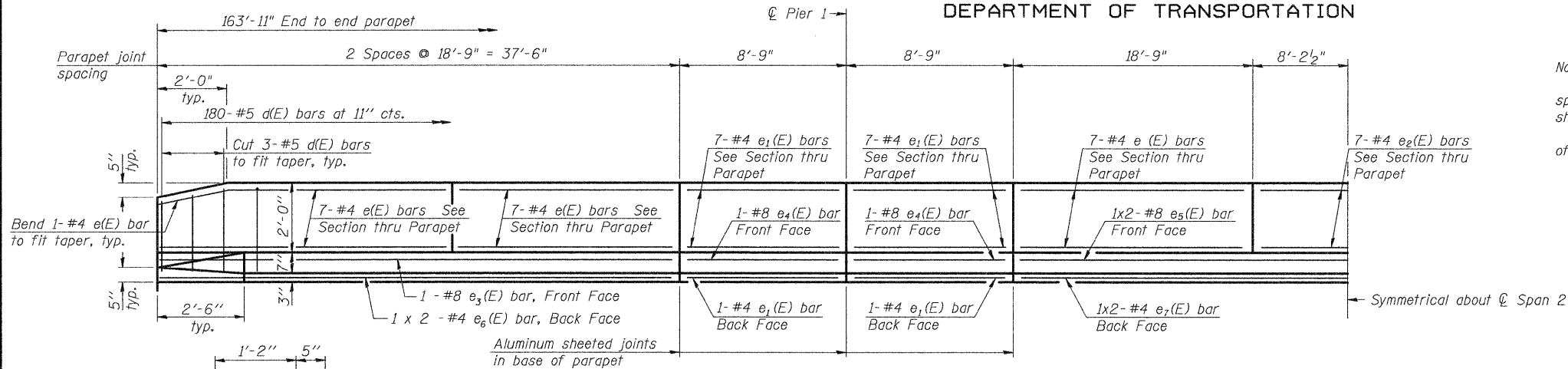


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

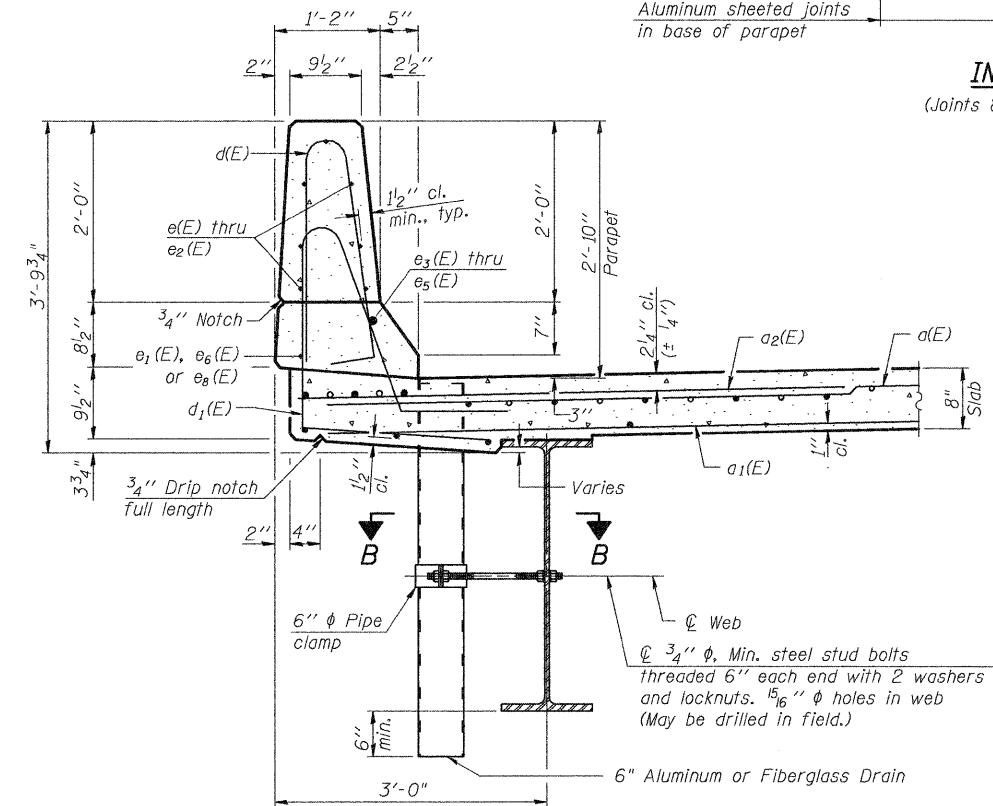


**INSIDE ELEVATION OF PARAPET**

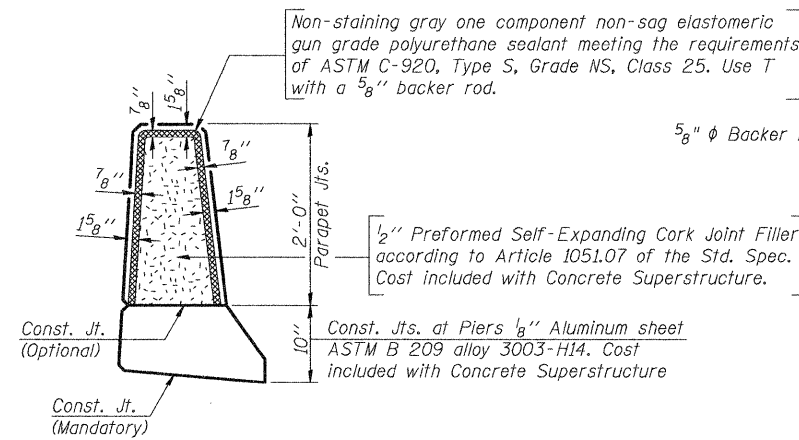
(Joints & Reinforcement Symmetric about Center of span 2)

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. Galvanize clamping device according to AASHTO M232.  
For details of DS11 scupper see sheet 18 of 22.  
Bars indicated thus 1x2- #4, etc. indicates 1 line of bars with 2 lengths per line.  
Drains shall be located clear of all diaphragms.



**SECTION THRU PARAPET**

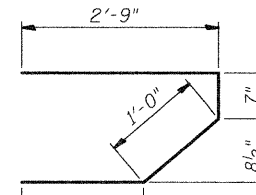


**PARAPET JOINT DETAILS**

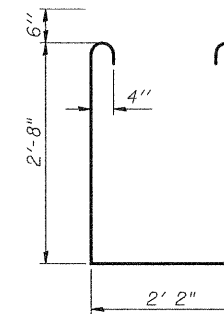
**MINIMUM BAR LAP**

(Parapet)

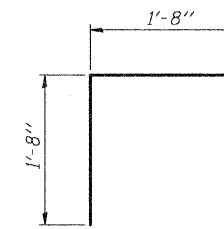
#4 bar = 1'-4"  
#8 bar = 3'-5"



**BAR s(E)**



**BAR s<sub>1</sub>(E)**

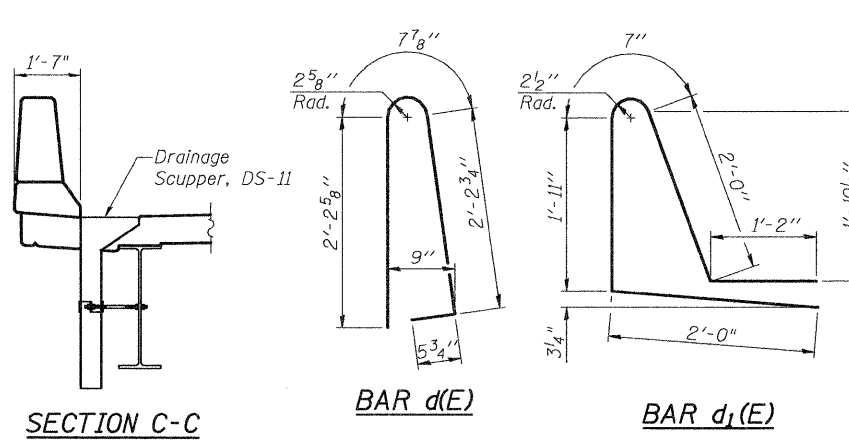
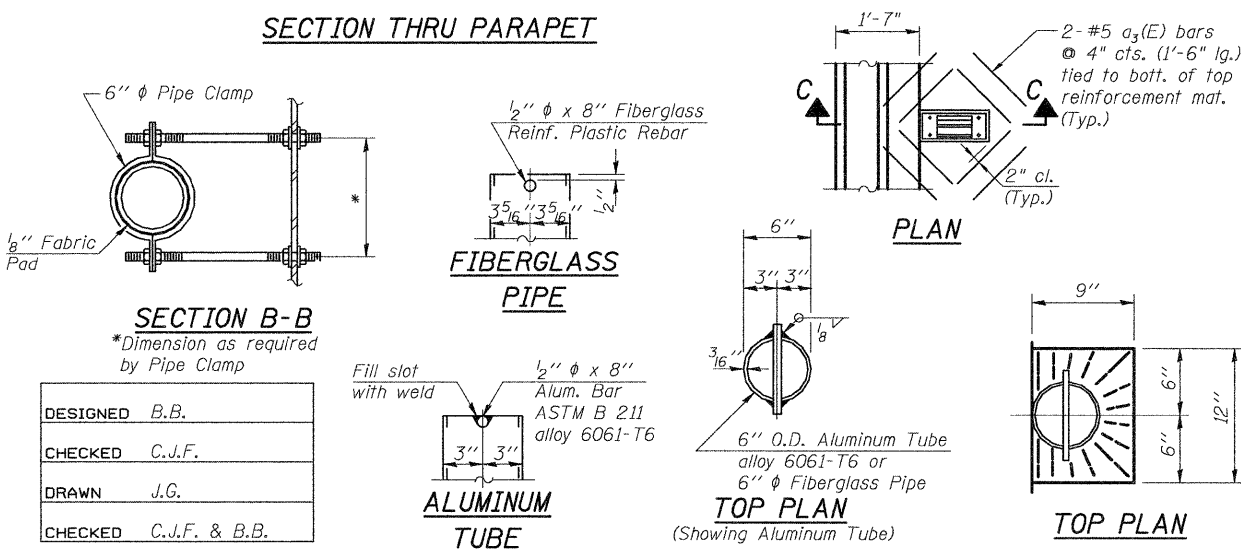


**BAR v(E)**

**SUPERSTRUCTURE BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
a(E)	282	#5	34'-7"	—
a <sub>1</sub> (E)	198	#5	34'-0"	—
a <sub>2</sub> (E)	564	#6	6'-0"	—
a <sub>3</sub> (E)	64	#5	1'-6"	—
b(E)	190	#5	34'-1"	—
b <sub>1</sub> (E)	70	#6	36'-8"	—
b <sub>2</sub> (E)	186	#5	28'-8"	—
d(E)	360	#5	5'-7"	⌋
d <sub>1</sub> (E)	360	#5	7'-8"	⌋
e(E)	84	#4	18'-6"	—
e <sub>1</sub> (E)	64	#4	8'-6"	—
e <sub>2</sub> (E)	14	#4	17'-0"	—
e <sub>3</sub> (E)	4	#8	37'-3"	—
e <sub>4</sub> (E)	8	#8	8'-6"	—
e <sub>5</sub> (E)	4	#8	28'-7"	—
e <sub>6</sub> (E)	8	#4	19'-5"	—
e <sub>7</sub> (E)	4	#4	27'-6"	—
m(E)	4	#6	31'-9"	—
m <sub>1</sub> (E)	6	#6	34'-11"	—
m <sub>2</sub> (E)	24	#6	8'-7"	—
m <sub>3</sub> (E)	10	#6	5'-7"	—
m <sub>4</sub> (E)	4	#6	2'-9"	—
s(E)	72	#5	6'-5"	⌋
s <sub>1</sub> (E)	62	#4	8'-6"	⌋
v(E)	68	#5	3'-4"	⌋
Reinforcement Bars, Epoxy Coated			Pound	48,130
Concrete Superstructure			Cu. Yds.	225.2

**SUPERSTRUCTURE DETAILS  
KINMUNDY/LOUISVILLE ROAD  
OVER ILLINOIS CENTRAL RR  
STA. 475+50.44**



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Fax 618-288-4666

SHEET NO. 8 22 SHEETS	F.A.S. RTE. 2703	SECTION (9-VBR)B	COUNTY CLAY	TOTAL SHEETS 65	SHEET NO. 30
	SN 013-0044		CONTRACT NO. 74136		
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT					