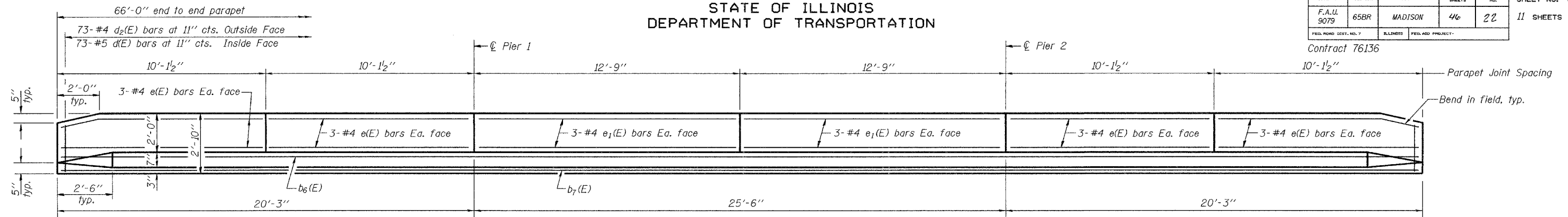


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	LEETS	SHEET NO.
F.A.U. 9079	65BR	MADISON	46	22
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

SHEET NO. 5  
11 SHEETS

Contract 76136

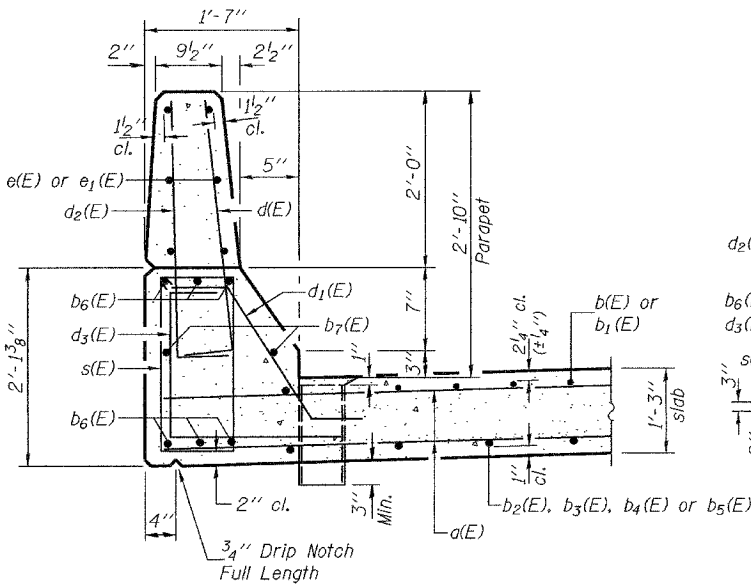


**INSIDE ELEVATION OF PARAPET**

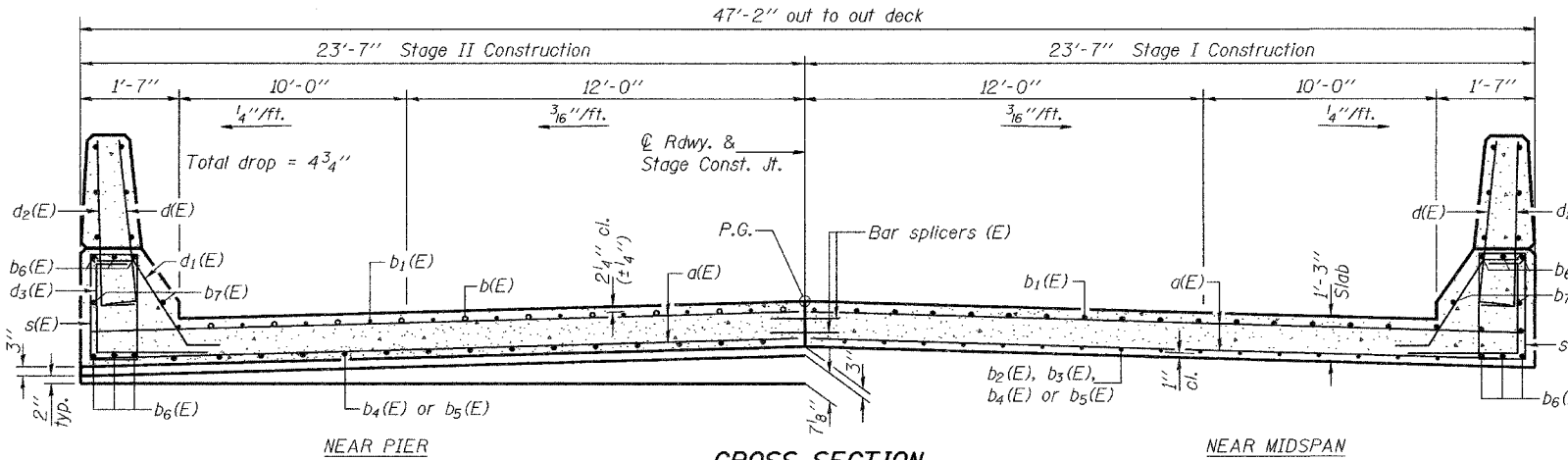
(Looking North)

Notes:

- See sheet 1 of 11 for floor drain spacing.
- Space reinforcement bars to clear drains.
- See sheet 10 of 11 for bar splicer details.
- See sheet 4 of 11 for location of Sections A-A and B-B.
- The exterior surfaces of the floor drains shall be coated or pigmented by the manufacturer with a color that matches the color of the concrete.
- Fiberglass pipe shall conform to ASTM D 2996, with short-time rupture strength hoop tensile stress of 30,000 psi minimum.
- The Contractor shall make allowance for the deflection of forms, shrinkage and settlement of falsework, in addition to allowance for dead load deflection. Forms for deck slab shall be removed prior to placement of bridge approach pavement.



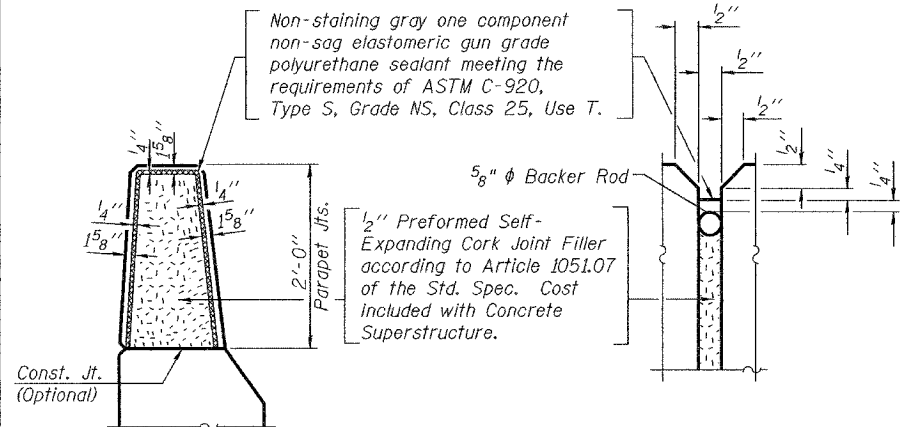
**SECTION THRU PARAPET**



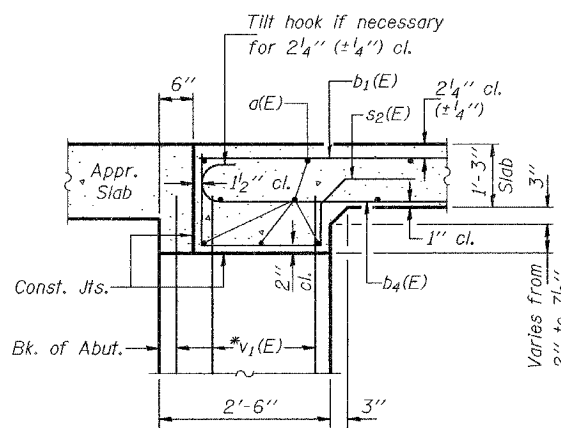
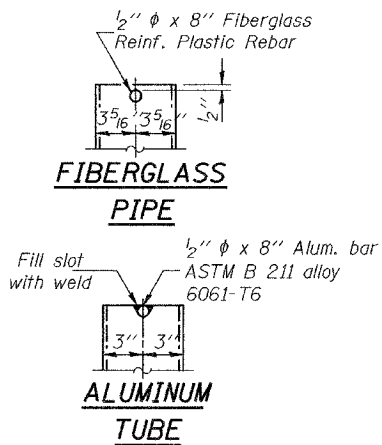
**CROSS SECTION**

(Looking East)

NEAR MIDSPAN

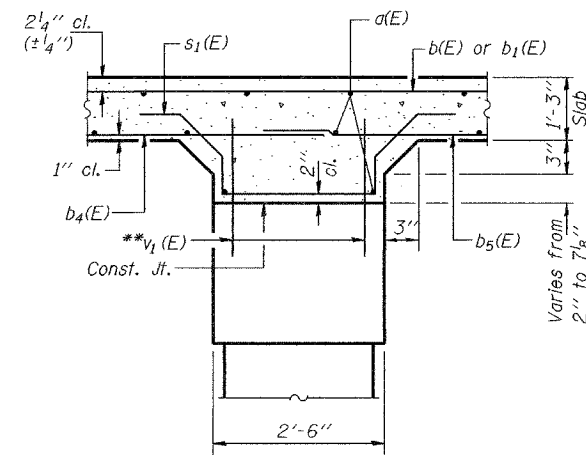


**PARAPET JOINT DETAILS**



**SECTION A-A**

\*v1(E) bars billed with abutments. See sheets 6 & 7 of 11.

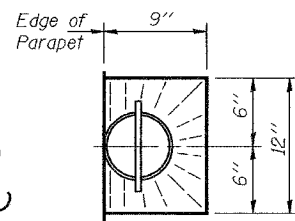


**SECTION B-B**

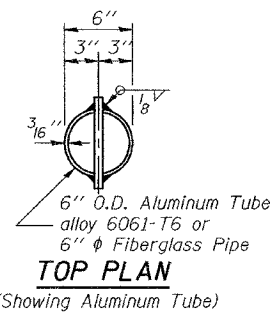
\*\*v1(E) bars billed with piers. See sheet 8 of 11.

**SUPERSTRUCTURE BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
a(E)	244	#5	23'-4"	—
b(E)	80	#7	12'-6"	—
b1(E)	84	#7	34'-2"	—
b2(E)	72	#7	17'-0"	—
b3(E)	36	#7	18'-6"	—
b4(E)	76	#7	21'-6"	—
b5(E)	38	#7	26'-6"	—
b6(E)	36	#8	25'-0"	—
b7(E)	12	#5	23'-5"	—
d(E)	146	#5	3'-0"	┘
d1(E)	132	#5	2'-5"	┘
d2(E)	146	#4	3'-0"	┘
d3(E)	146	#4	3'-3"	┘
d4(E)	12	#5	2'-2"	┘
e(E)	48	#4	9'-10"	—
e1(E)	24	#4	12'-5"	—
s(E)	134	#4	6'-1"	□
s1(E)	96	#5	6'-2"	┘
s2(E)	96	#5	5'-0"	┘
Reinforcement Bars, Epoxy Coated		Lbs.	29410	
Concrete Superstructure		Cu. Yds.	169.8	



**TOP PLAN**



**TOP PLAN**

(Showing Aluminum Tube)

DESIGNED	R.L.T.
CHECKED	J.P.A. & T.R.B.
DRAWN	BECKY M. LEACH
CHECKED	R.L.T. & G.R.A.

EXAMINED	November 22, 2006
THOMAS J. DEMAGALLO	ENGINEER OF BRIDGE DESIGN
PASSED	RALPH E. ANDERSON
	ENGINEER OF BRIDGES AND STRUCTURES

**SUPERSTRUCTURE DETAILS**  
F.A.U. ROUTE 9079 - SECTION 65BR  
MADISON COUNTY  
STATION 388+43.96  
STRUCTURE NO. 060-0236