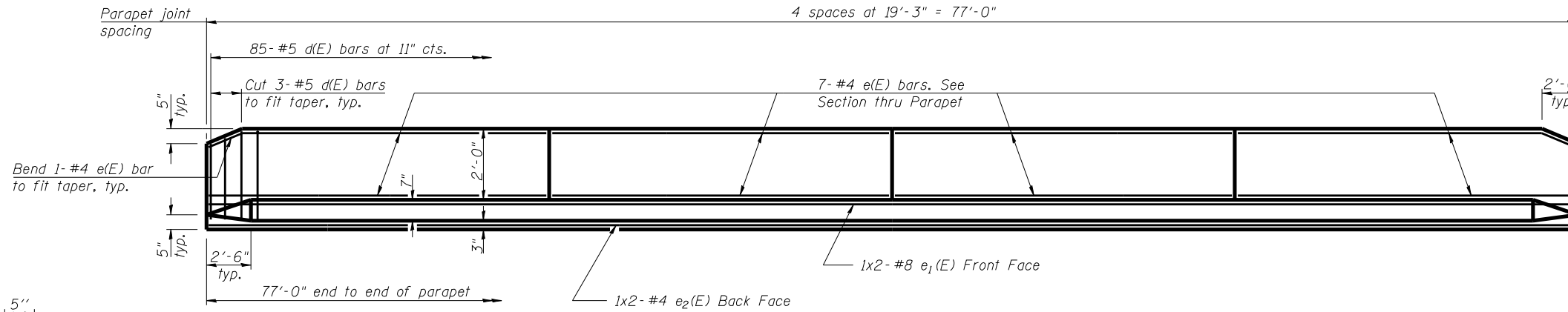


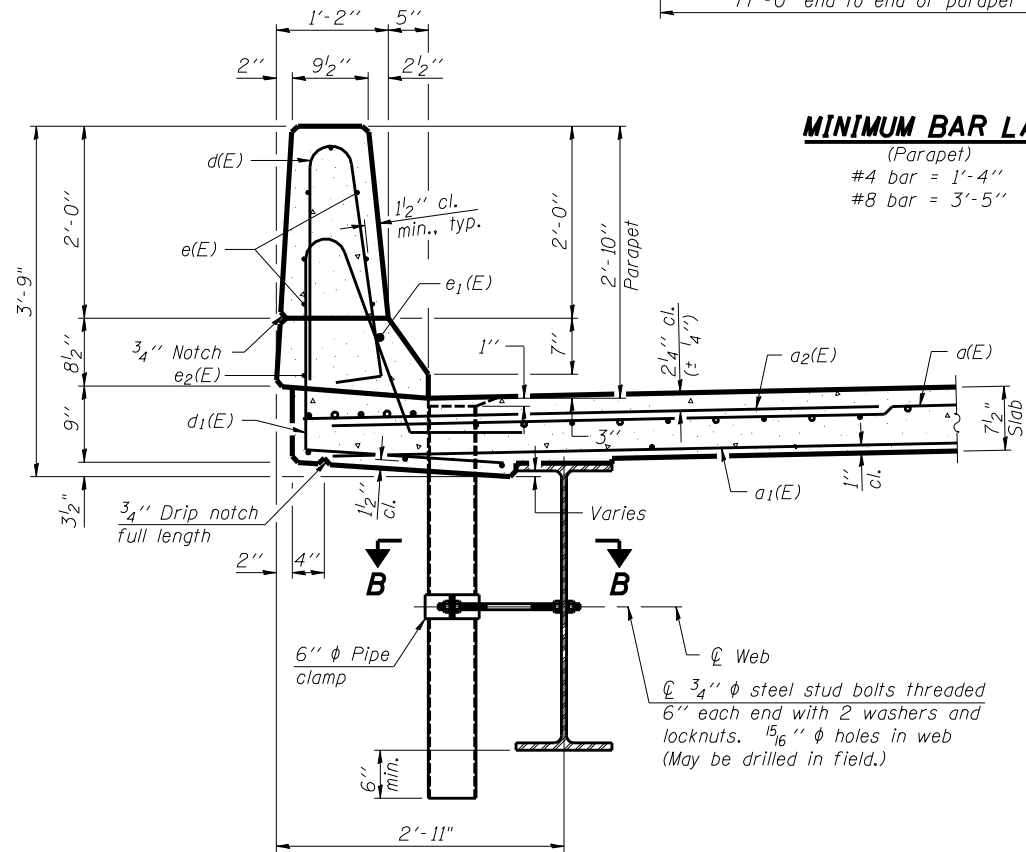
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO. F.A.P. 751	SECTION 101B-2	COUNTY PIKE	TOTAL SHEETS 48	SHEET NO. 31	SHEET NO. 6 14 SHEETS
FED. ROAD DIST. NO. 7		ILLINOIS		FED. AID PROJECT	

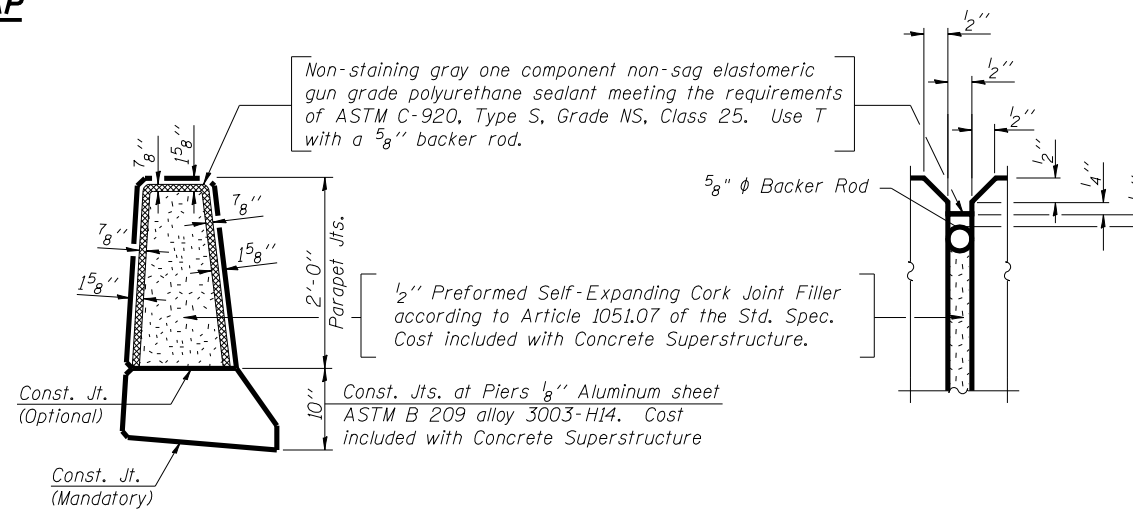
Contract #72928



INSIDE ELEVATION OF PARAPET



SECTION THRU PARAPET



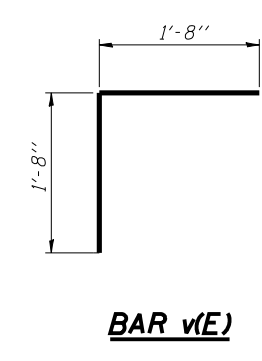
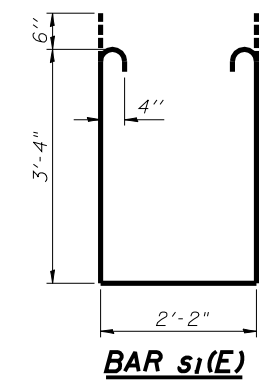
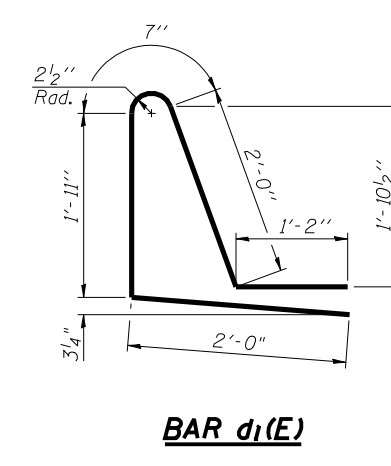
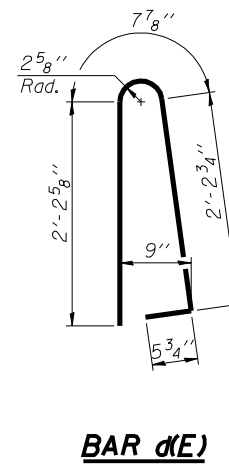
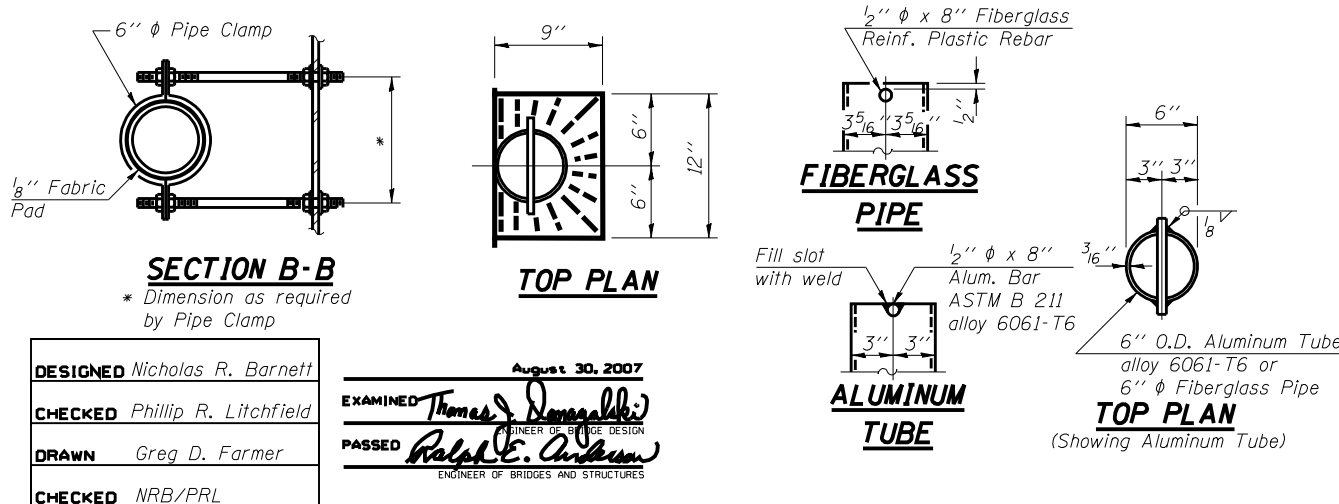
PARAPET JOINT DETAILS

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

**SUPERSTRUCTURE
BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
a(E)	132	#5	38'-6"	—
a ₁ (E)	93	#5	36'-10"	—
a ₂ (E)	264	#6	6'-0"	—
b(E)	84	#5	39'-6"	—
b ₁ (E)	108	#5	27'-0"	—
d(E)	170	#5	5'-7"	⌒
d ₁ (E)	170	#5	7'-8"	⌒
e(E)	56	#4	19'-0"	—
e ₁ (E)	4	#8	40'-1"	—
e ₂ (E)	4	#4	39'-0"	—
m(E)	4	#6	37'-0"	—
m ₁ (E)	6	#6	38'-10"	—
m ₂ (E)	24	#6	8'-10"	—
m ₃ (E)	10	#6	6'-5"	—
m ₄ (E)	4	#6	2'-8"	—
s(E)	82	#5	6'-10"	⌒
s ₁ (E)	72	#4	9'-10"	⌒
v(E)	76	#5	3'-4"	⌒
Reinforcement Bars, Epoxy Coated		Pound	23680	
Concrete Superstructure		Cu. Yds.	115.8	

Bars indicated thus 1x2- #5 etc. indicates 1 line of bars with 2 lengths per line.



SUPERSTRUCTURE DETAILS
F.A.P. RT. 751 SEC. 101B-2
PIKE COUNTY
STATION 381+00.00
STRUCTURE NO. 075-0507

DESIGNED Nicholas R. Barnett
CHECKED Phillip R. Litchfield
DRAWN Greg D. Farmer
CHECKED NRB/PRL

August 30, 2007
EXAMINED Thomas J. Damalchi
PASSED Ralph E. Anderson