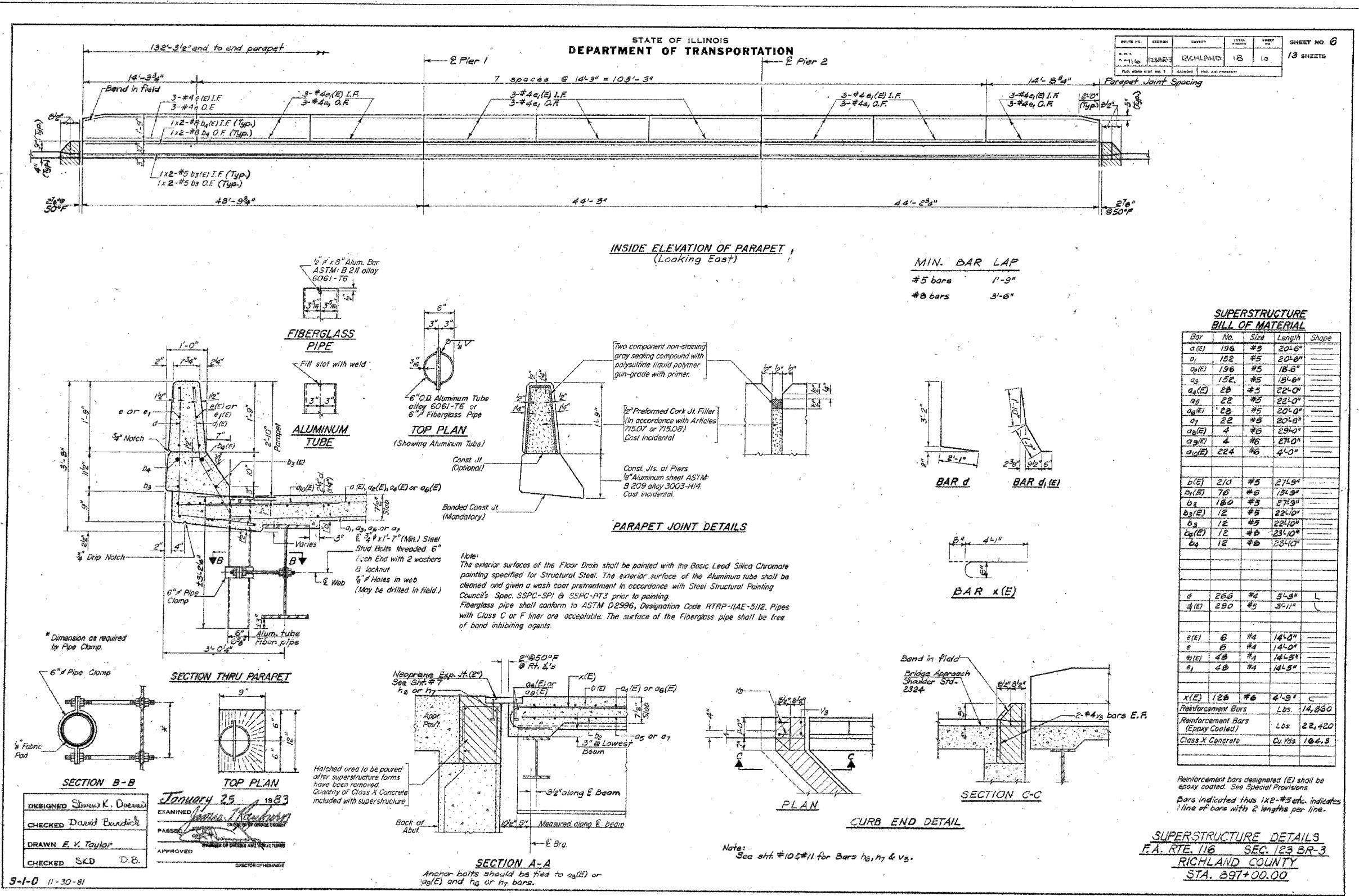


ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 116	*	RICHLAND	31	14
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

\* D-7 Joint Repairs 2006-3



ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 116	*	RICHLAND	31	14
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

**INSIDE ELEVATION OF PARAPET**  
(Looking East)

**MIN. BAR LAP**  
#5 bars 1'-9"  
#8 bars 3'-6"

**SUPERSTRUCTURE BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
a(E)	196	#5	20'-6"	
a1	152	#5	20'-0"	
a2(E)	196	#5	18'-6"	
a3	152	#5	18'-6"	
a4(E)	28	#3	22'-0"	
a5	22	#5	22'-0"	
a6(E)	28	#5	20'-0"	
a7	22	#5	20'-0"	
a8(E)	4	#6	29'-0"	
a9(E)	4	#6	27'-0"	
a10(E)	224	#6	4'-0"	
b(E)	210	#5	27'-9"	
b1(E)	76	#6	15'-3"	
b2	100	#5	27'-9"	
b3(E)	12	#5	22'-0"	
b4	12	#5	22'-0"	
c1(E)	12	#6	23'-0"	
c2	12	#6	23'-0"	
d	266	#4	5'-3"	L
d(E)	290	#5	3'-11"	L
e(E)	6	#4	14'-0"	
e	6	#4	14'-0"	
g1(E)	48	#4	14'-5"	
g1	48	#4	14'-5"	
x(E)	128	#6	4'-9"	C
Reinforcement Bars		Lbs.	14,860	
Reinforcement Bars (Epoxy Coated)		Lbs.	22,420	
Class X Concrete		Cu Yds.	164.8	

**PARAPET JOINT DETAILS**

Note: The exterior surfaces of the Floor Drain shall be painted with the Basic Lead Silica Chromate painting specified for Structural Steel. The exterior surface of the Aluminum tube shall be cleaned and given a wash coat pretreatment in accordance with Steel Structural Painting Council's Spec. SSPC-SP1 & SSPC-PT3 prior to painting. Fiberglass pipe shall conform to ASTM D2996, Designation Code RTPP-IIAE-51/2. Pipes with Class C or F liner are acceptable. The surface of the Fiberglass pipe shall be free of bond inhibiting agents.

DESIGNED: **Shawn K. Dineen**  
CHECKED: **David Bandick**  
DRAWN: **E. K. Taylor**  
CHECKED: **SKD D.B.**

EXAMINED: **James H. ...**  
PASSED: **...**  
APPROVED: **...**

S-1-D 11-30-81

**SUPERSTRUCTURE DETAILS**  
F.A. RTE. 116 SEC. 123 BR-3  
RICHLAND COUNTY  
STA. 897+00.00

Reinforcement bars designated (E) shall be epoxy coated. See Special Provisions.  
Bars indicated thus 1x2-#5 etc. indicates 1 line of bars with 2 lengths per line.