

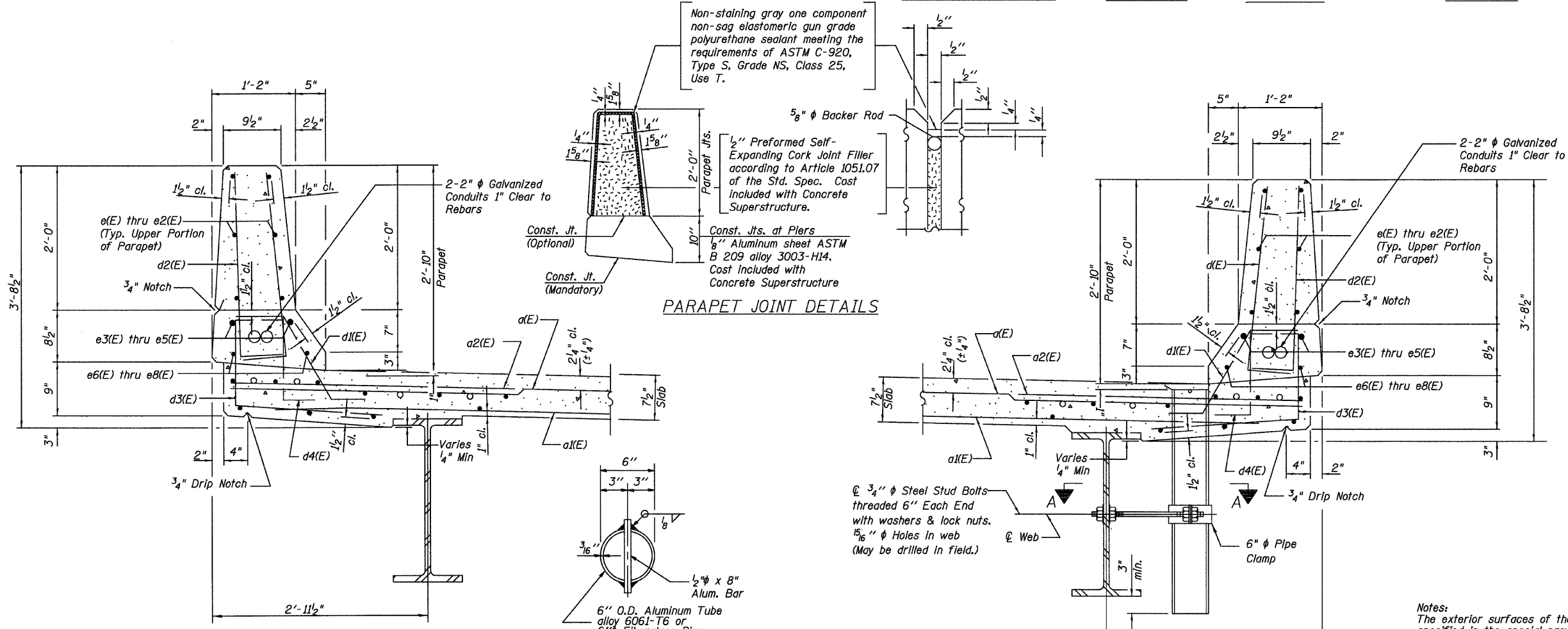
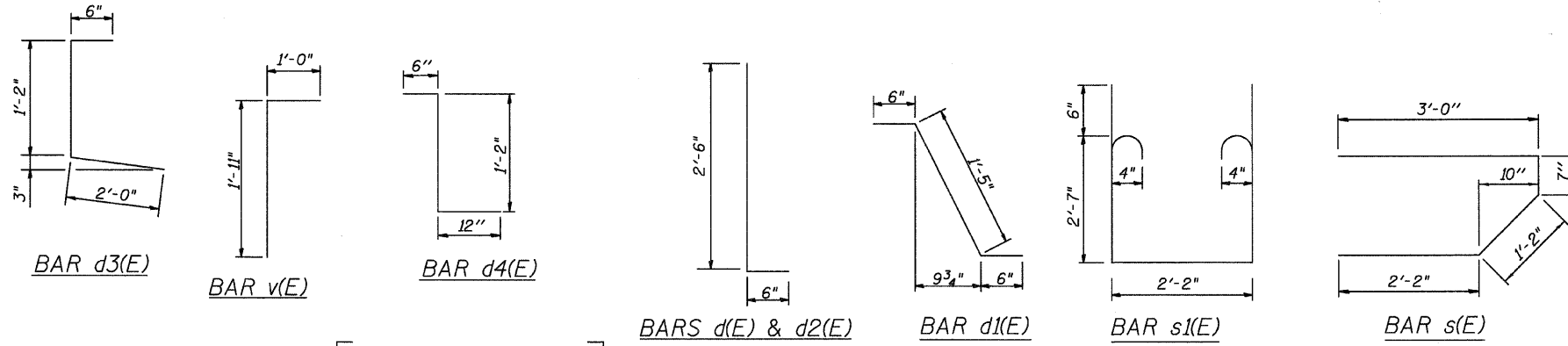
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2843	3249B-F	COOK	22	12

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT-  
Sheet 10 of 22 Contract No. 60119

SUPERSTRUCTURE  
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a(E)	664	#5	26'-2"	—
a1(E)	444	#5	25'-10"	—
a2(E)	332	#6	4'-6"	—
a3(E)	8	#6	29'-4"	—
b(E)	348	#5	29'-5"	—
b1(E)	112	#6	34'-9"	—
b2(E)	350	#5	25'-6"	—
d(E)	364	#5	3'-0"	—
d1(E)	358	#5	2'-5"	—
d2(E)	364	#4	3'-0"	—
d3(E)	364	#4	3'-8"	—
d4(E)	12	#5	2'-8"	—
e(E)	72	#4	14'-9"	—
e1(E)	48	#4	7'-5"	—
e2(E)	36	#4	14'-7"	—
e3(E)	16	#8	24'-10"	—
e4(E)	16	#8	7'-4"	—
e5(E)	8	#8	24'-7"	—
e6(E)	16	#5	23'-8"	—
e7(E)	16	#5	7'-4"	—
e8(E)	8	#5	23'-5"	—
m(E)	8	#6	29'-0"	—
m1(E)	12	#6	29'-10"	—
m2(E)	32	#6	9'-8"	—
m3(E)	12	#6	7'-4"	—
m4(E)	4	#6	3'-1"	—
m5(E)	4	#6	3'-7"	—
m6(E)	12	#6	16'-1"	—
m7(E)	20	#6	18'-10"	—
s(E)	124	#5	6'-11"	—
s1(E)	112	#4	8'-4"	—
v(E)	108	#6	2'-11"	—
Reinforcement Bars, Epoxy Coated			Pound	70800
Concrete Superstructure			Cu Yd	300
Bar Splacers			Each	690



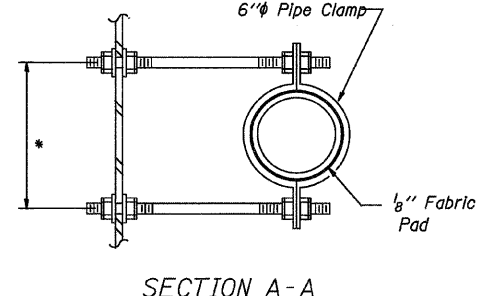
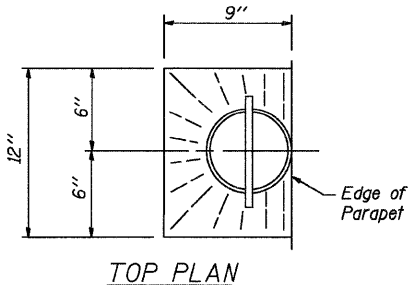
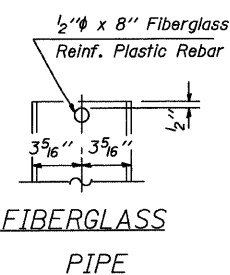
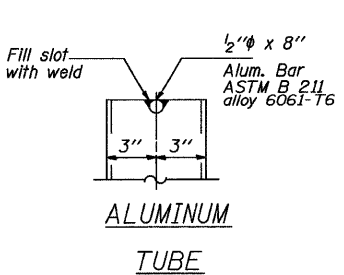
PARAPET JOINT DETAILS

SECTION THRU WEST PARAPET

TOP PLAN  
(Showing Aluminum Tube)

SECTION THRU EAST PARAPET

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.



\* Dimension as required by Pipe Clamp

REVISIONS	
NAME	DATE

DECK DETAILS & BILL OF MATERIAL

DIXIE HIGHWAY OVER  
BUTTERFIELD CREEK  
F.A.U. ROUTE 2843 SECTION 3249B-F  
STA. 78+55.00  
COOK COUNTY  
STRUCTURE NUMBER 016-7946 - PROPOSED  
016-0775 - EXISTING

SCALE: NOT-TO-SCALE  
DATE 4-27-09

DRAWN BY TH  
CHECKED BY MF



FOR INFORMATION ONLY

PENTALS  
FLDRYS

SHEET 10 of 22.dgn  
6/18/2009  
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