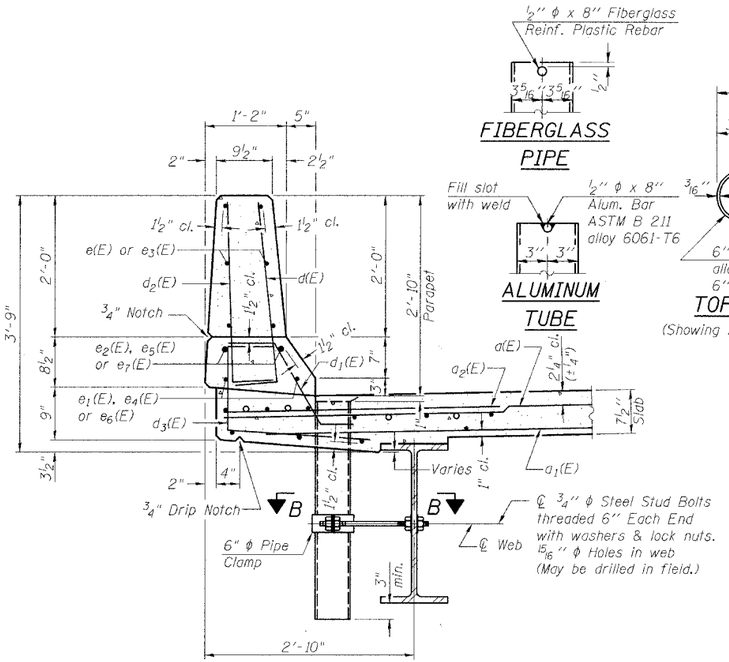
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

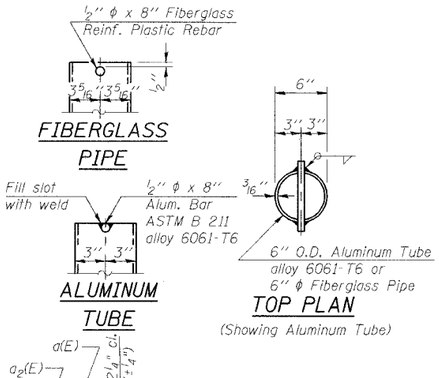
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 583	*	SCHUYLER	56	29
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT-	

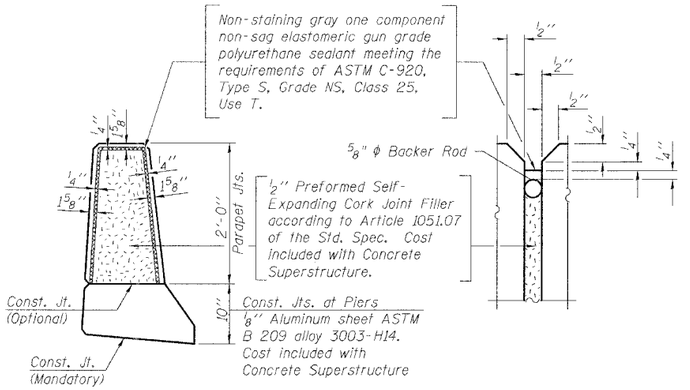
SHEET NO. 10
26 SHEETS

* 02-00067-00-BR
Contract #

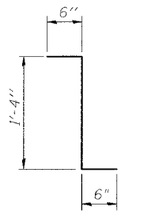


SECTION THRU PARAPET

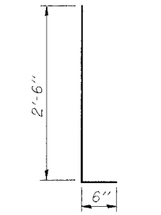




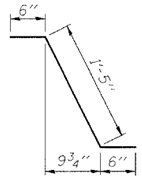
PARAPET JOINT DETAILS



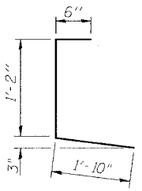
BAR $d_4(E)$



BARS $d(E)$ & $d_2(E)$



BAR $d_1(E)$



BAR $d_3(E)$

SUPERSTRUCTURE BILL OF MATERIAL

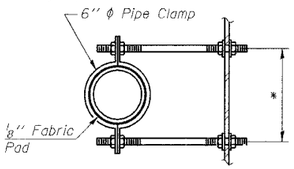
Bar	No.	Size	Length	Shape
a(E)	682	#5	14'-1"	
a_1(E)	546	#5	13'-7"	
a_2(E)	680	#6	4'-6"	
a_3(E)	682	#5	18'-1"	
a_4(E)	546	#5	17'-7"	
b(E)	612	#5	28'-5"	
b_1(E)	496	#5	30'-3"	
b_2(E)	66	#6	45'-0"	
b_3(E)	66	#6	44'-6"	
d(E)	994	#5	3'-0"	
d_1(E)	982	#5	2'-5"	
d_2(E)	994	#4	3'-0"	
d_3(E)	994	#4	3'-6"	
d_4(E)	12	#5	2'-4"	
e(E)	240	#4	17'-6"	
e_1(E)	24	#5	25'-0"	
e_2(E)	16	#8	37'-4"	
e_3(E)	96	#4	12'-2"	
e_4(E)	32	#5	12'-2"	
e_5(E)	32	#8	12'-2"	
e_6(E)	36	#5	24'-8"	
e_7(E)	24	#8	37'-3"	
m(E)	24	#6	14'-7"	
m_1(E)	24	#6	18'-9"	
m_2(E)	16	#6	5'-4"	
m_3(E)	8	#6	2'-4"	
m_4(E)	4	#6	4'-9"	
s(E)	72	#5	8'-8"	
s_1(E)	62	#4	12'-1"	
u(E)	66	#5	4'-3"	
v(E)	62	#5	3'-9"	
Reinforcement Bars, Epoxy Coated		Pound	111,460	
Concrete Superstructure		Cu. Yds.	496.0	

Notes:

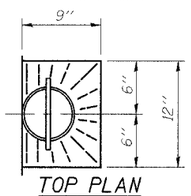
The exterior surfaces of the floor drains shall be painted with the finish coat as specified in the special provisions for Cleaning and Painting New Metal Structures. The exterior surfaces of the drains shall be cleaned according to Steel Structures Painting Council's Spec. SSPC-SP1 prior to painting.

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

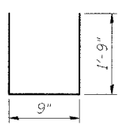
* Dimension as required by Pipe Clamp



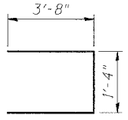
SECTION B-B



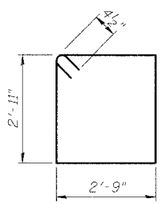
TOP PLAN



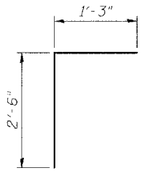
BAR u(E)



BAR s(E)



BAR s_1(E)



BAR v(E)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SUPERSTRUCTURE DETAILS

FAS 583 (CH5) OVER LAMOINE RIVER
SECTION 02-00067-00-BR
SCHUYLER COUNTY
STATION 54+95.75
S.N. 085-3054

SCALE: VERT.
HORIZ.
DATE: 6/7/05

DRAWN BY: LANDREY
DESIGNED BY: MATHUR
CHECKED BY: TRELLO

GREENE & BRADFORD, INC. OF SPRINGFIELD
CONSULTING ENGINEERS
SPRINGFIELD, ILLINOIS
PROFESSIONAL DESIGN FIRM NO. 184-00678
(217) 793-3940, (217) 793-3941 (FAX) E-MAIL: GREENEANDBRADFORD@AOL.COM

COMPUTER FILE NO. SN0853054.SS3
PROJECT 02157
6/2/06-MML

S-1-D
10-22-04

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