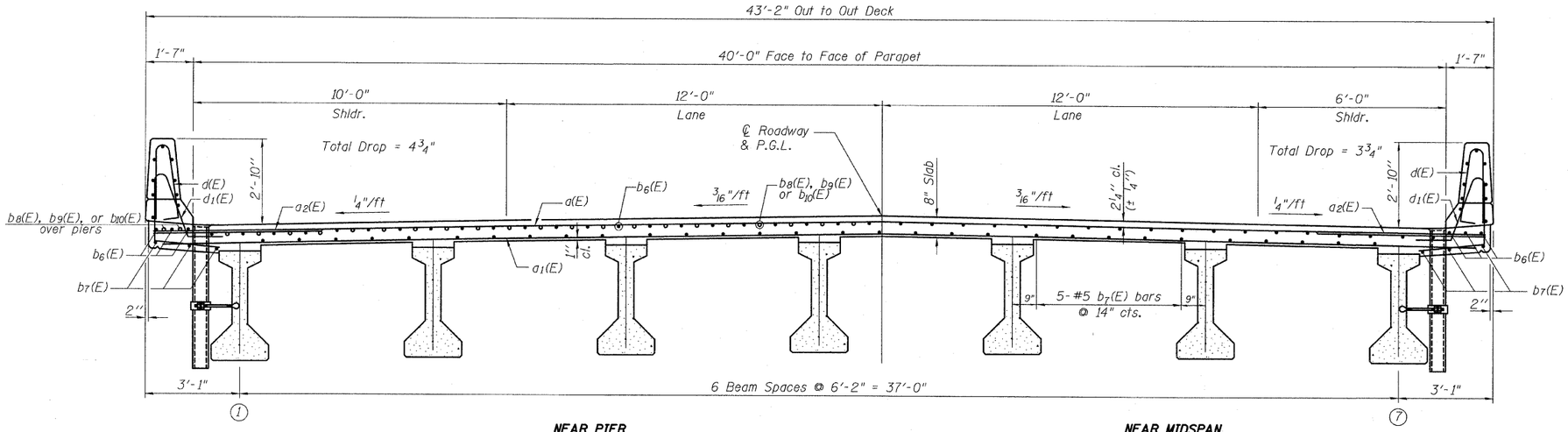
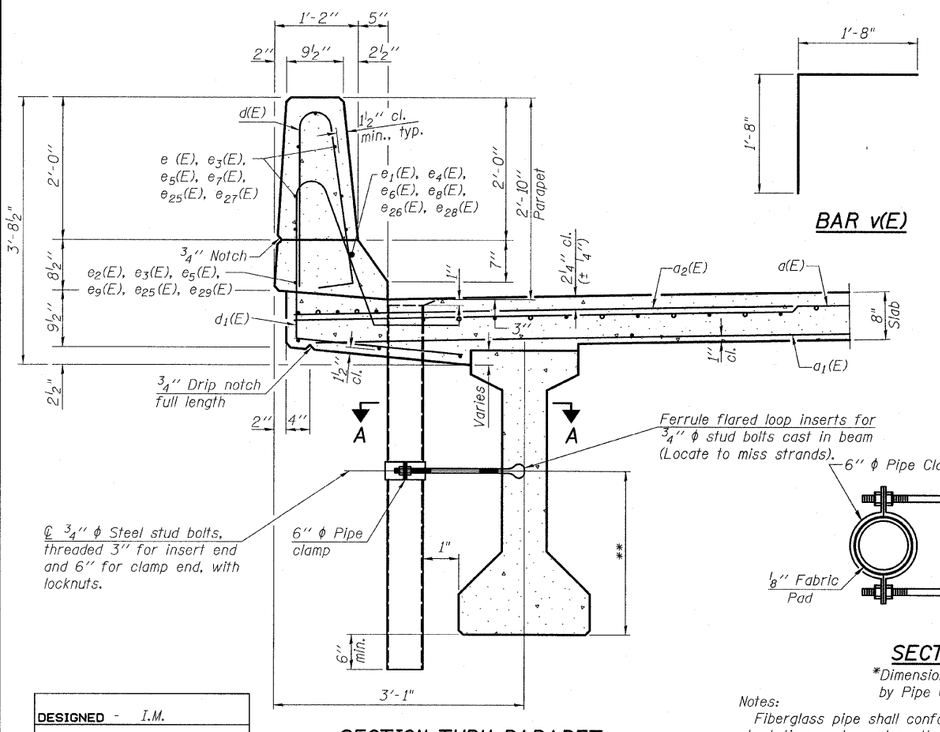
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



NEAR PIER

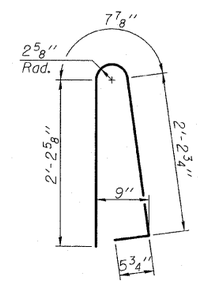
NEAR MIDSPAN

CROSS SECTION
(Looking East)

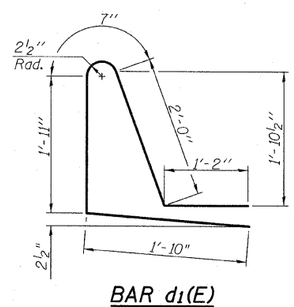


SECTION THRU PARAPET
**For insert locations See PPC I-beam detail sheets.

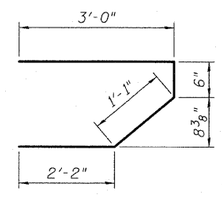
BAR v(E)



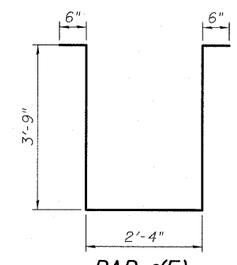
BAR d(E)



BAR d1(E)



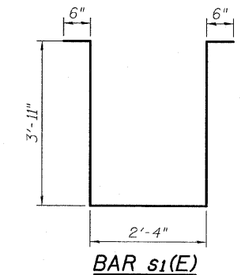
BAR s3(E)



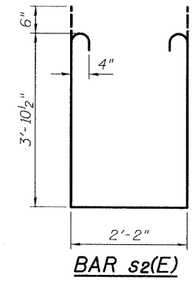
BAR s(E)

SUPERSTRUCTURE BILL OF MATERIAL

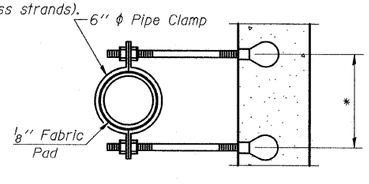
Bar	No.	Size	Length	Shape
a(E)	429	#5	42'-5"	
a1(E)	429	#5	41'-10"	
a2(E)	428	#6	6'-0"	
b6(E)	598	#5	29'-6"	
b7(E)	504	#5	27'-6"	
b8(E)	63	#6	26'-7"	
b9(E)	126	#6	31'-8"	
b10(E)	63	#6	29'-0"	
d(E)	780	#5	5'-7"	
d1(E)	780	#5	7'-6"	
e(E)	42	#4	15'-6"	
e1(E)	4	#8	25'-3"	
e2(E)	4	#4	24'-2"	
e3(E)	16	#4	6'-5"	
e4(E)	2	#8	6'-5"	
e5(E)	96	#4	9'-6"	
e6(E)	12	#8	9'-6"	
e7(E)	126	#4	19'-7"	
e8(E)	12	#8	31'-4"	
e9(E)	12	#4	30'-4"	
e25(E)	16	#4	8'-0"	
e26(E)	2	#8	8'-0"	
e27(E)	42	#4	19'-0"	
e28(E)	4	#8	30'-6"	
e29(E)	4	#4	29'-5"	
m(E)	96	#4	5'-4"	
m1(E)	60	#6	4'-0"	
m2(E)	28	#8	5'-10"	
m3(E)	4	#6	2'-0"	
m4(E)	28	#6	8'-11"	
m5(E)	10	#6	42'-10"	
s(E)	90	#4	10'-10"	
s1(E)	30	#4	11'-2"	
s2(E)	72	#4	10'-11"	
s3(E)	84	#5	6'-9"	
v(E)	88	#5	3'-4"	
Reinforcement Bars, Epoxy Coated			Lbs.	106,520
Concrete Superstructure			Cu. Yds.	546.0



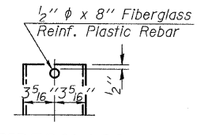
BAR s1(E)



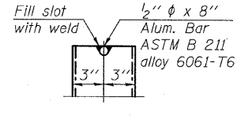
BAR s2(E)



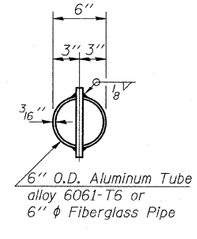
SECTION A-A
*Dimension as required by Pipe Clamp



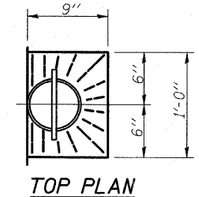
FIBERGLASS PIPE



ALUMINUM TUBE



TOP PLAN
(Showing Aluminum Tube)



TOP PLAN

Notes:
Fiberglass pipe shall conform to ASTM D2996, with short-time rupture strength hoop tensile stress of 30,000 p.s.i. minimum.
The exterior surfaces of the floor drains shall be coated or pigmented by the manufacturer with a color that matches the concrete.
The clamping device and inserts shall be galvanized according to AASHTO M 232.

DESIGNED -	I.M.
CHECKED -	PDF
DRAWN -	I.M.
CHECKED -	PDF

TY·LIN INTERNATIONAL

SUPERSTRUCTURE DETAILS - I
STRUCTURE NO. 006-0171 WB

SHEET NO. 18	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
59 SHEETS	80	*	BUREAU	349	112
			CONTRACT NO. 66908		
	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

*06-C7BR & BR-1,7VB-M, 6BR & 6, 7 RS-1 & II