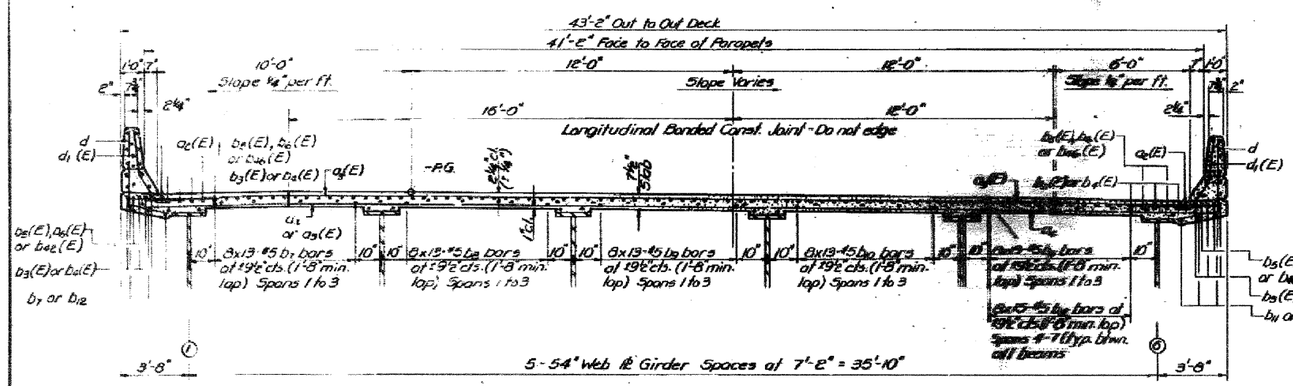
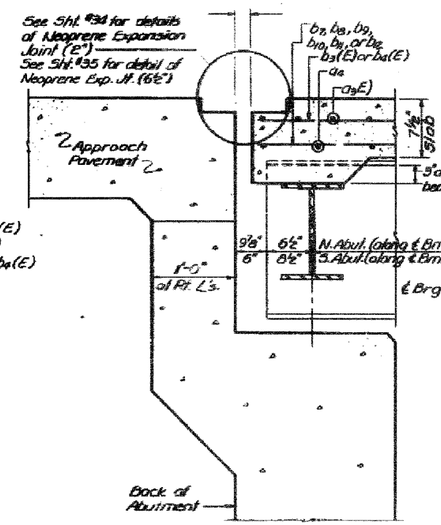
F.A.I. RTE. 255	SECTION 82-7HB	COUNTY St. Clair	TOTAL SHEETS 83	SHEET NO. 35	SHEET NO. 21
					69 SHEETS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



2" Open Joint at 50°F. at Rt. ℄'s. (N. Abut.)
4½" Open Joint at 80°F. at Rt. ℄'s (S. Abut.)

See Sht. #34 for details of Neoprene Expansion Joint (2")
See Sht. #35 for detail of Neoprene Exp. Jt. (6½")



SECTION THRU ABUT'S.
Looking East - North Abutment
Looking West - South Abutment

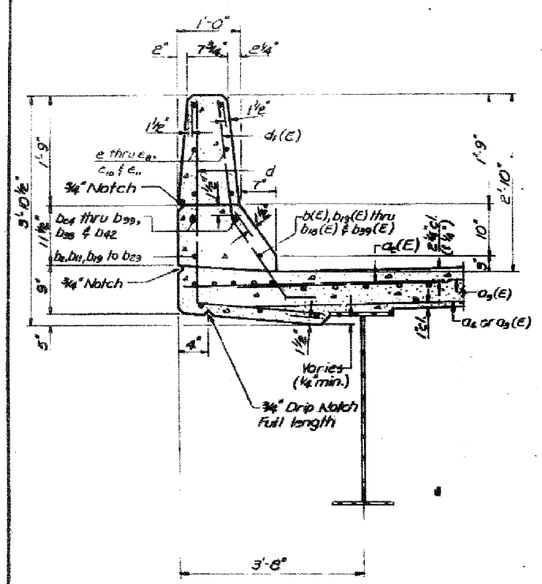
BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a1(E)	2	#5	42'-8"	
a2(E)	1747	#6	4'-0"	
a3(E)	1778	#5	41'-2"	
a4	1242	#5	41'-2"	
a5(E)	28	#5	2'-0"	
b1(E)	17	#5	32'-6"	
b2	15	#5	32'-6"	
b3(E)	595	#5	35'-6"	
b4(E)	690	#5	36'-5"	
b5(E)	129	#6	25'-6"	
b6(E)	129	#6	29'-9"	
b7	143	#5	35'-4"	
b8	104	#5	34'-8"	
b9	104	#5	34'-3"	
b10	104	#5	33'-10"	
b11	152	#5	39'-4"	
b12	690	#5	36'-5"	
b13(E)	9	#5	33'-4"	
b14(E)	12	#5	19'-3"	
b15(E)	12	#5	21'-0"	
b16(E)	5	#5	30'-0"	
b17(E)	4	#5	29'-0"	
b18(E)	16	#5	27'-4"	
b19	12	#5	19'-3"	
b20	12	#5	21'-0"	
b21	5	#5	30'-0"	
b22	4	#5	29'-0"	
b23	16	#5	27'-4"	
b24	8	#8	35'-3"	
b25	8	#8	19'-3"	
b26	16	#8	21'-0"	
b27	8	#8	27'-9"	
b28	12	#8	34'-8"	
b29	36	#8	39'-2"	
b30	12	#8	37'-2"	
b31	12	#8	36'-2"	
b32	10	#8	39'-3"	
b33	8	#8	38'-8"	
b34	2	#8	29'-0"	
b35(E)	2	#5	25'-0"	
b36	1	#5	30'-6"	
b37	1	#5	28'-10"	
b38	2	#8	30'-6"	
b39	2	#5	99'-6"	
bw(E)	387	#6	27'-7"	
d	1896	#4	5'-8"	L
d1(E)	2061	#5	3'-11"	L
e	72	#4	17'-0"	
e1	96	#4	17'-5"	
e2	120	#4	18'-1"	
e3	120	#4	18'-6"	
e4	54	#4	18'-11"	
e5	60	#4	19'-11"	
e6	48	#4	20'-11"	
e7	84	#4	21'-8"	
e8	6	#4	29'-10"	
e10	12	#4	99'-6"	
e11	6	#4	30'-6"	

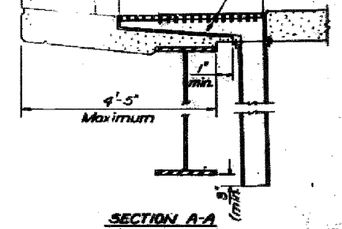
Class X Concrete Cu.Yd. 1215.4
Reinforcement Bars Pound 129,610
Reinforcement Bars Pound (Epoxy Coated) 172,800

Note: Reinforcement bars designated (E) shall be epoxy coated. See Special Provisions.

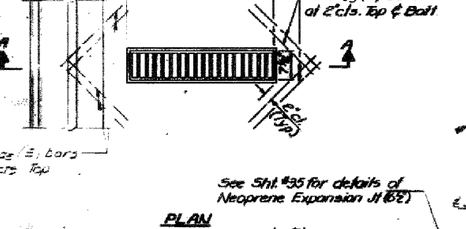
CROSS SECTION
(Looking South)



SECTION THRU PARAPET

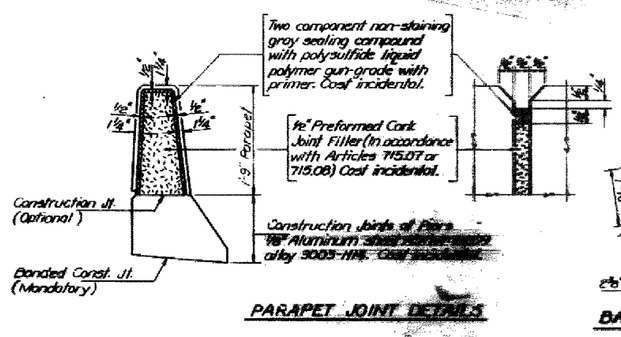


SECTION A-A

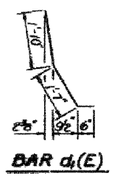


BAR d

DRAINAGE SCUPPER DETAILS



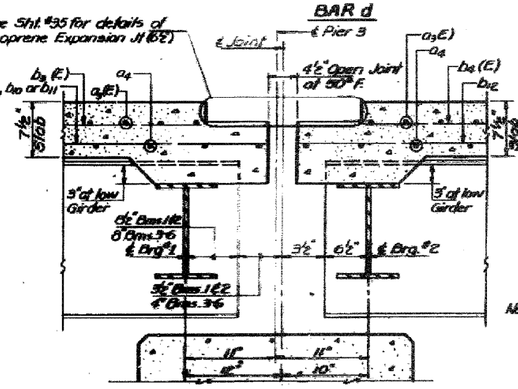
PARAPET JOINT DETAILS



BAR d1(E)

See Sht. #35 for details of Neoprene Expansion Jt (6½")

PLAN



SECTION THRU PIER 3
Looking East

Note: Reinforcement bars designated (E) shall be epoxy coated. See Special Provisions.

SUPERSTRUCTURE DETAILS
RAMP - E
F.A.I. RT. 270 SEC. 82-7HB
ST. CLAIR COUNTY
STATION 343+61.11

DESIGNED	Rick Brunette		
CHECKED	Jim Kohler		
DRAWN	S.G. Perchon		
CHECKED	J.K.		

FOR INFORMATION ONLY

FILE NAME = $FILE1$	USER NAME = $USER$	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = $SCALE$	CHECKED -	REVISED -
	PLOT DATE = $DATE$	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING STRUCTURE PLANS

SCALE: NA | SHEET NO. 7 OF 20 SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
255	82-7HB-I	ST. CLAIR	43	30
		CONTRACT NO. 76C33		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		