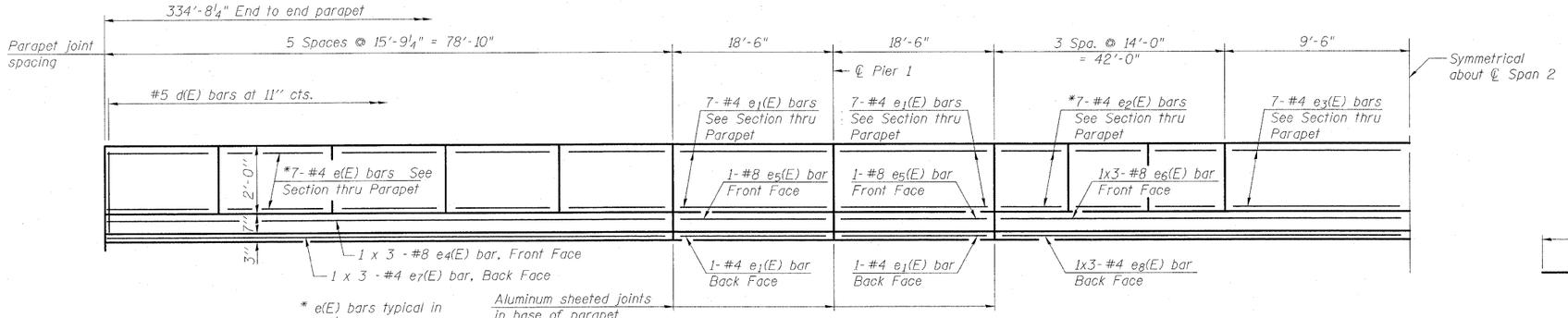
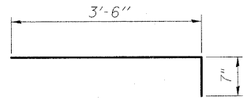
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



* e(E) bars typical in 15'-9¼" Segments.
e2(E) bars typical in 14'-0" segments.

INSIDE ELEVATION OF PARAPET

Notes:
For details of DS-11 Scupper, see sheet 22 of 27.
For spacing and location of x(E) & x1(E) bars see sheet 9 of 27.
Bars indicated thus 1 x 3 -#8 etc. indicates 1 line of bars with 3 lengths per line.



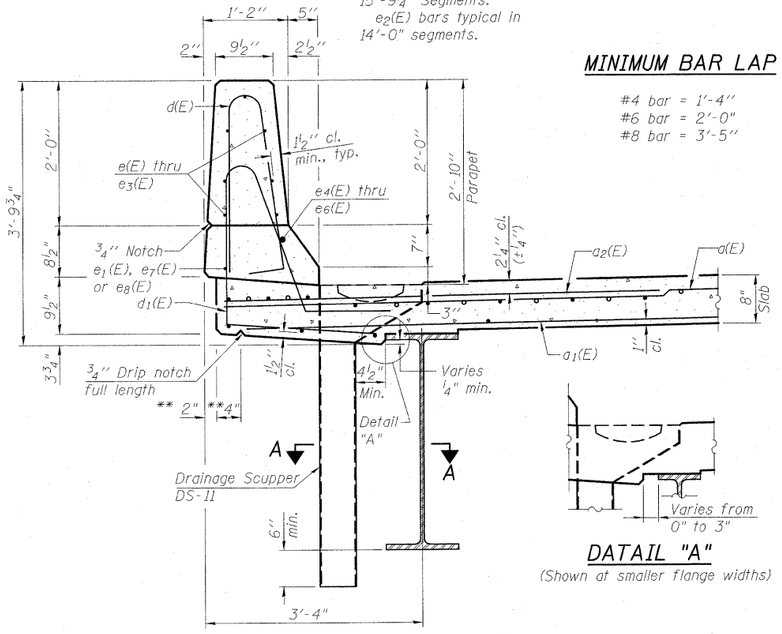
BAR x1(E)

SUPERSTRUCTURE BILL OF MATERIAL

Bar	No.	Size	Length	Shape
d(E)	670	#5	38'-7"	
a1(E)	403	#5	37'-8"	
a2(E)	1340	#6	6'-0"	
a3(E)	64	#5	1'-6"	
a4(E)	60	#6	10'-3"	
a5(E)	24	#6	28'-7"	
a6(E)	2	#6	45'-5"	
b(E)	378	#5	38'-8"	
b1(E)	156	#6	38'-11"	
b2(E)	310	#5	35'-0"	
d(E)	732	#5	5'-7"	
d1(E)	732	#5	7'-9"	
e(E)	140	#4	15'-6"	
e1(E)	64	#4	18'-2"	
e2(E)	84	#4	13'-8"	
e3(E)	14	#4	18'-8"	
e4(E)	12	#8	28'-6"	
e5(E)	8	#8	18'-2"	
e6(E)	6	#8	36'-8"	
e7(E)	12	#4	27'-2"	
e8(E)	6	#4	35'-3"	
x(E)	60	#5	7'-4"	
x1(E)	66	#5	4'-1"	
Reinforcement Bars, Epoxy Coated		Pound	109,080	
Concrete Superstructure		Cu. Yds.	449.1	

MINIMUM BAR LAP

#4 bar = 1'-4"
#6 bar = 2'-0"
#8 bar = 3'-5"

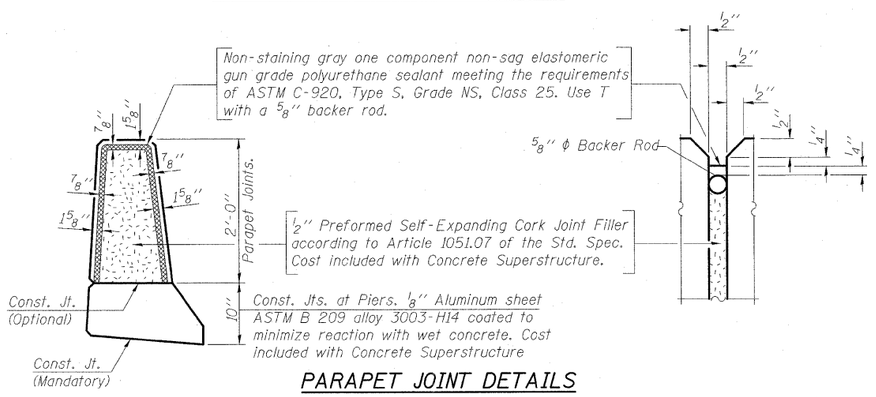


SECTION B-B

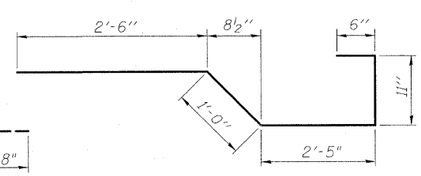
** For slipforming option see sheet 23 of 27.

DATAIL "A"

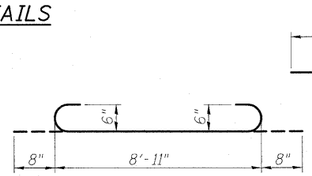
(Shown at smaller flange widths)



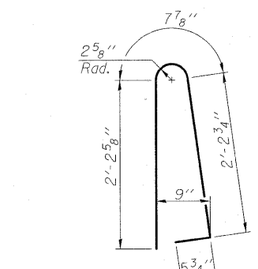
PARAPET JOINT DETAILS



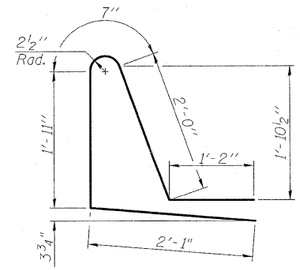
BAR x(E)



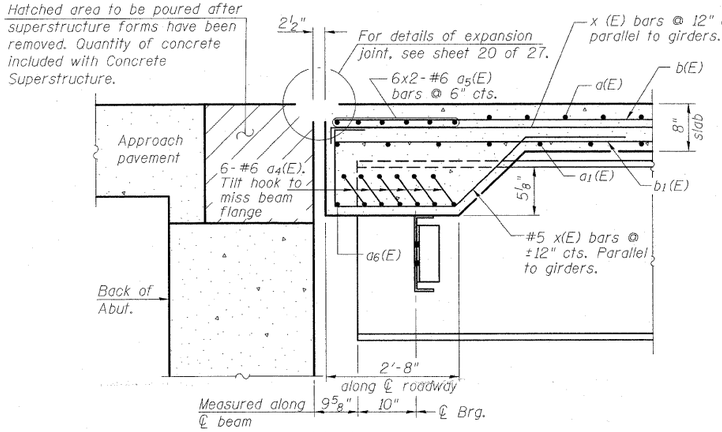
a4(E) BAR



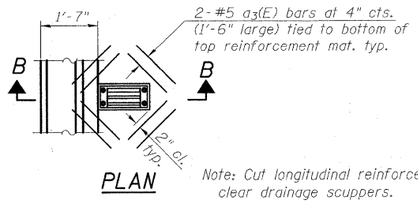
BAR d(E)



BAR d1(E)



SECTION A-A



PLAN

Note: Cut longitudinal reinforcement to clear drainage scuppers.

SUPERSTRUCTURE DETAILS
ILLINOIS ROUTE 1
OVER NORFOLK SOUTHERN RR
STA. 757+97.66

DESIGNED	B.B.
CHECKED	C.J.F.
DRAWN	J.G.
CHECKED	C.J.F. & B.B.

BERNARDIN LOCHMUELLER & ASSOCIATES, INC.
3 Oak Drive
Maryville, IL 62062-5635
Local-(618) 288-4665
Fax 618-288-4666

SHEET NO. 10	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
27 SHEETS	332	103B-1	WABASH	90	44
	SN 093-0023		CONTRACT NO. 94754		
	FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT 332		

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