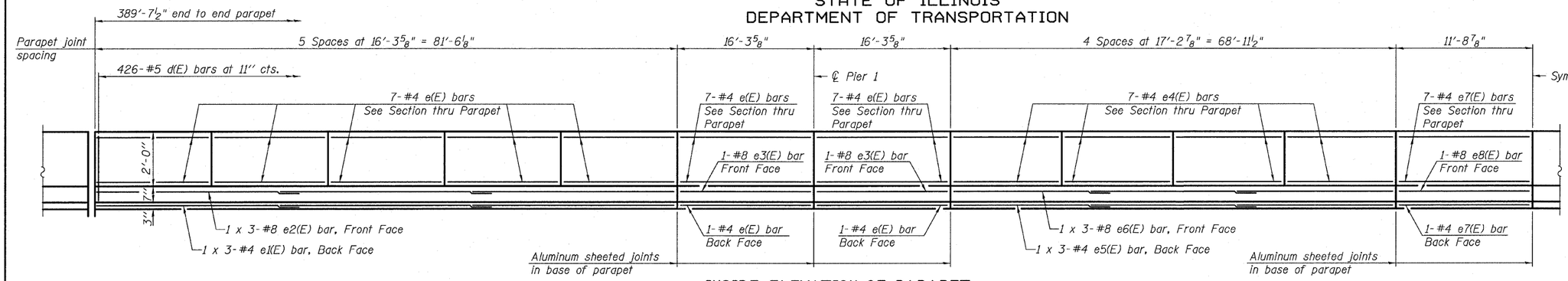
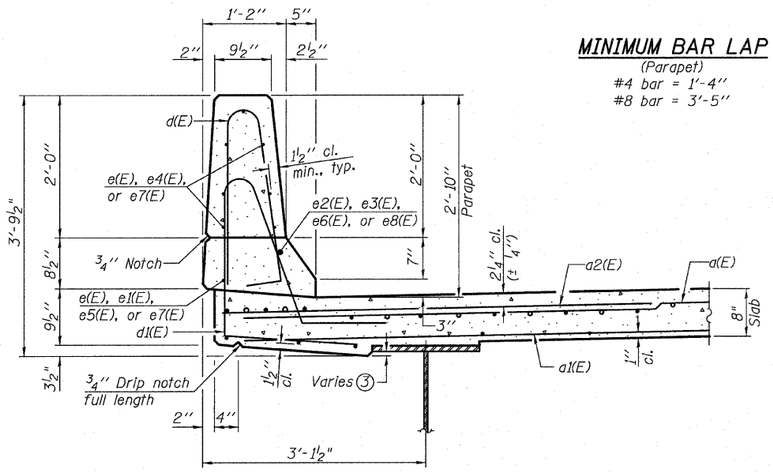
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



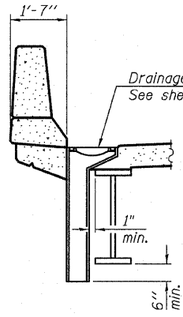
INSIDE ELEVATION OF PARAPET



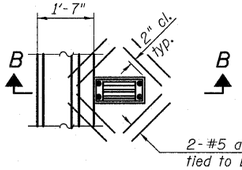
SECTION THRU PARAPET

MINIMUM BAR LAP

(Parapet)
#4 bar = 1'-4"
#8 bar = 3'-5"

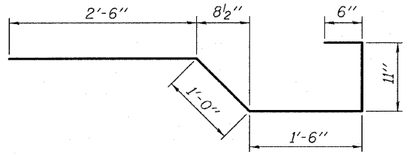


SECTION B-B

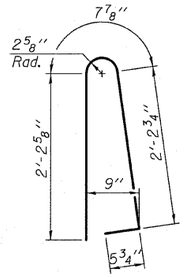


2-#5 a7(E) bars at 4" cts. tied to bottom of top reinforcement mat. typ.

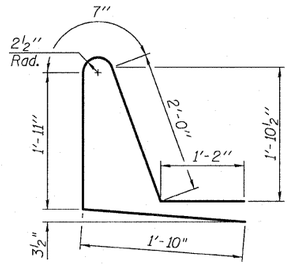
PLAN ①



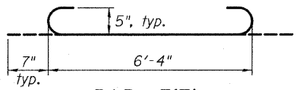
BAR x(E)



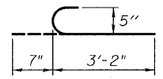
BAR d(E)



BAR d1(E)



BAR a3(E)

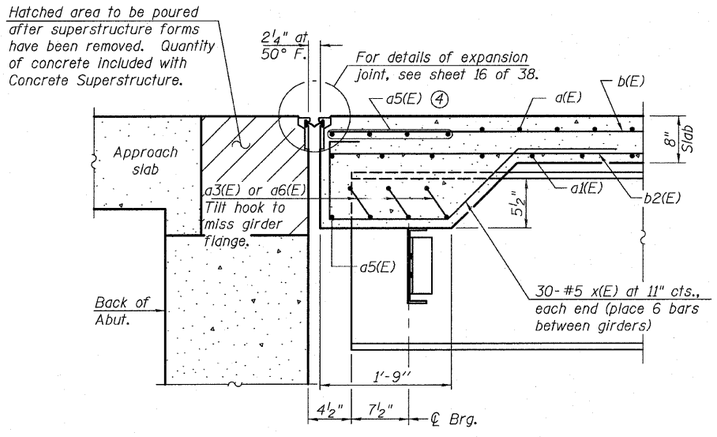


BAR a6(E)

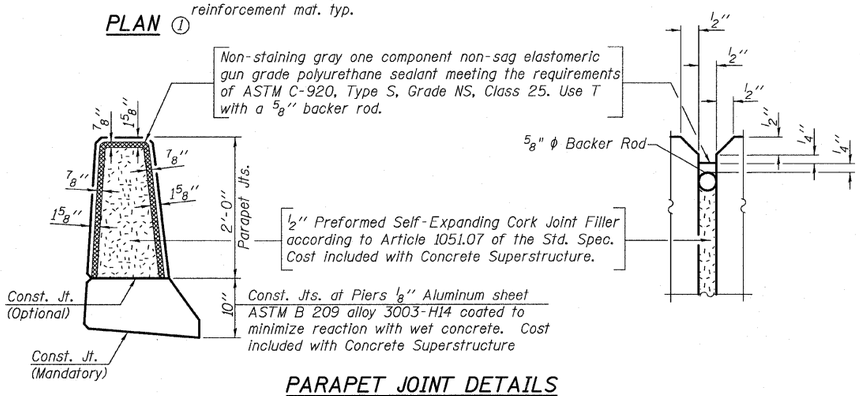
Notes:
① Cut longitudinal reinforcement to clear drainage scuppers.
② Bars indicated thus 1 x 3-#8 etc. indicates 1 line of bars with 3 lengths per line.
③ Dimension varies throughout the length of the structure from ¼" minimum at the maximum fascia girder fillet height.
④ Place a5(E) bars under longitudinal bars as shown in Section A-A.
⑤ For location of drainage scuppers, see sheet 1 of 38.

SUPERSTRUCTURE BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a(E)	1428	#5	19'-1"	
a1(E)	938	#5	18'-9"	
a2(E)	1428	#6	6'-0"	
a3(E)	24	#5	7'-6"	
a4(E)	-	-	-	-
a5(E)	20	#5	16'-1"	
a6(E)	12	#5	3'-9"	
a7(E)	32	#5	1'-6"	
b(E)	630	#5	27'-6"	
b1(E)	76	#6	18'-0"	
b2(E)	448	#5	29'-5"	
b3(E)	114	#6	49'-0"	
d(E)	852	#5	5'-7"	
d1(E)	852	#5	7'-6"	
e(E)	204	#4	15'-11"	
e1(E)	12	#4	28'-0"	
e2(E)	12	#8	29'-4"	
e3(E)	8	#8	15'-11"	
e4(E)	112	#4	16'-10"	
e5(E)	12	#4	23'-10"	
e6(E)	12	#8	25'-2"	
e7(E)	32	#4	11'-4"	
e8(E)	4	#8	11'-4"	
x(E)	60	#5	6'-5"	
Reinforcement Bars, Epoxy Coated		Pound	120,840	
Concrete Superstructure		Cu. Yds.	500.1	



SECTION A-A



PARAPET JOINT DETAILS

SUPERSTRUCTURE DETAILS
STRUCTURE NO. 026-0105

SHEET NO. 13	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
38 SHEETS	752	(U-2BRI)B-1	FAYETTE	71	35
			CONTRACT NO. 74235		
	FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

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DESIGNED MAG
CHECKED NEL
DRAWN MAG
CHECKED NEL