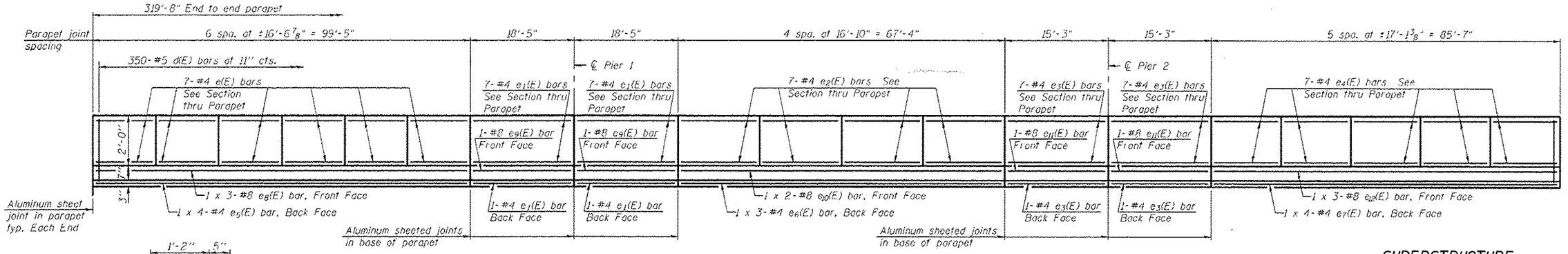
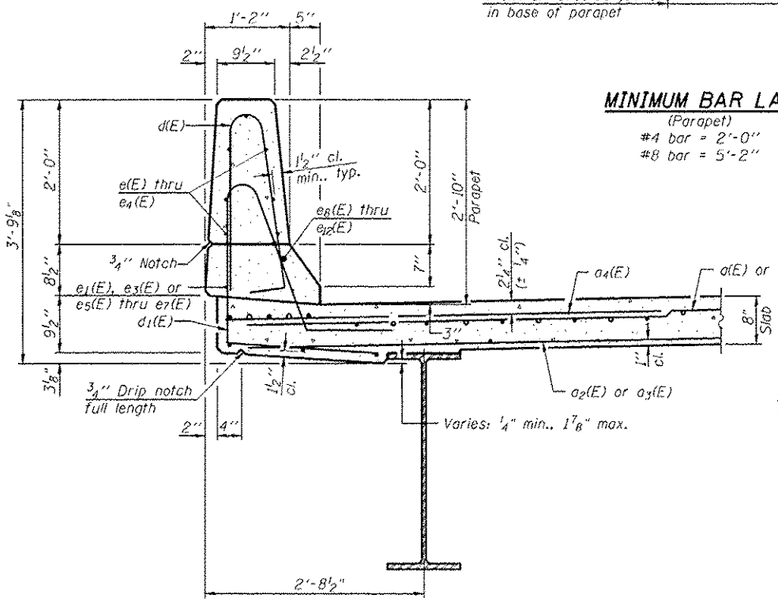


INSIDE ELEVATION OF PARAPET

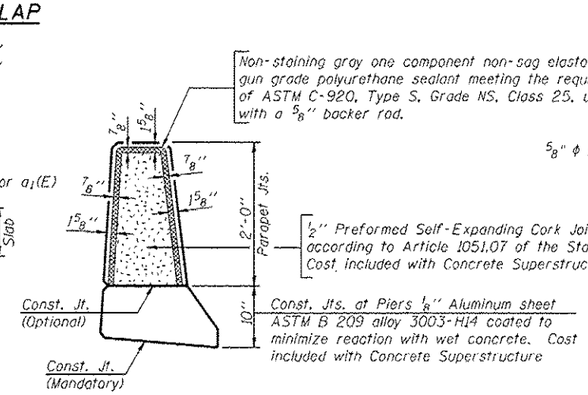
(East Parapet shown - West Parapet opposite hand)

MINIMUM BAR LAP

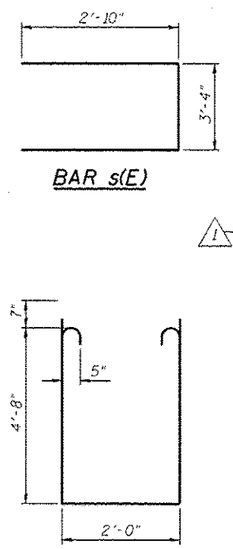
(Parapet)
#4 bar = 2'-0"
#8 bar = 5'-2"



SECTION THRU PARAPET



PARAPET JOINT DETAILS



BAR s(E)

BAR s1(E)

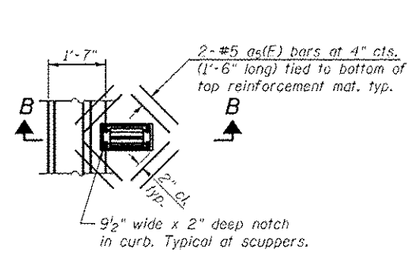
SUPERSTRUCTURE BILL OF MATERIAL

Bar	No.	Size	Length	Shape
d(E)	549	#5	16'-1"	
d1(E)	549	#5	22'-0"	
d2(E)	385	#5	15'-8"	
d3(E)	385	#5	21'-7"	
d4(E)	1,098	#6	6'-6"	
d5(E)	16	#5	1'-6"	
b(E)	378	#5	37'-10"	
b1(E)	360	#5	34'-4"	
b2(E)	114	#6	25'-4"	
b3(E)	114	#6	20'-10"	
d(E)	700	#5	5'-7"	
d1(E)	700	#5	7'-4"	
e(E)	84	#4	16'-3"	
e1(E)	32	#4	18'-2"	
e2(E)	56	#4	16'-7"	
e3(E)	32	#4	15'-0"	
e4(E)	70	#4	16'-10"	
e5(E)	8	#4	26'-4"	
e6(E)	6	#4	23'-9"	
e7(E)	8	#4	22'-10"	
e8(E)	6	#8	36'-6"	
e9(E)	4	#8	18'-2"	
e10(E)	4	#8	36'-2"	
e11(E)	4	#8	15'-0"	
e12(E)	6	#8	31'-11"	
m(E)	10	#6	16'-4"	
m1(E)	10	#6	22'-3"	
m2(E)	40	#6	5'-2"	
m3(E)	32	#6	2'-4"	
m4(E)	42	#5	4'-0"	
s(E)	74	#5	9'-0"	
s1(E)	74	#5	12'-6"	
Reinforcement Bars, Epoxy Coated		Pound	100,660	
Concrete Superstructure		Cu. Yds.	448.8	
Bar Splicers		Each	952	

Bars indicated thus 1 x 3 -#8 etc. indicates 1 line of bars with 3 lengths per line.

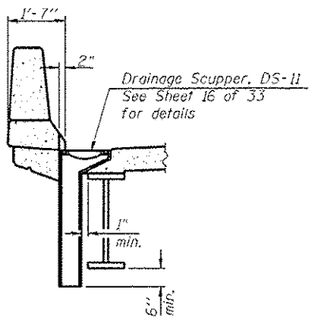
*Textured Epoxy Coated Reinforcement bars. See Special Provision.

1

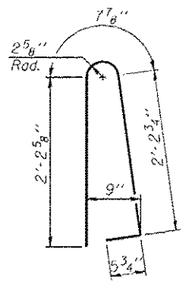


PLAN AT DRAINAGE SCUPPER

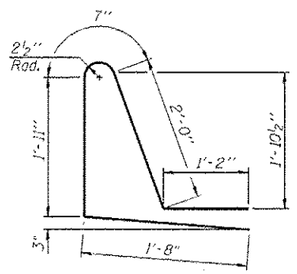
Note:
Cut longitudinal reinforcement to clear drainage scuppers.



SECTION B-B



BAR d(E)



BAR d1(E)

FILE NAME =	USER NAME =	DESIGNED - RJP	REVISED ⚠ 01/09/2015 ADL	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUPERSTRUCTURE DETAILS STRUCTURE NO. 069-0520
D:\10files\100219\NO 1 - IL 78 Indian Creek\Bridge Plans\Superstructure Details.dgn		CHECKED - AOL	REVISED -		SHEET NO. 14 OF 33 SHEETS
	PLOT SCALE = 0.1667 '/ IN.	DRAWN - RJP	REVISED -		
	PLOT DATE = 1/9/2015	CHECKED - AOL	REVISED -		

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
614	147B-3	MORGAN	93	54
		CONTRACT NO. 72A97		
	ILLINOIS	FED. AID PROJECT		

Klingner & Associates P.C.