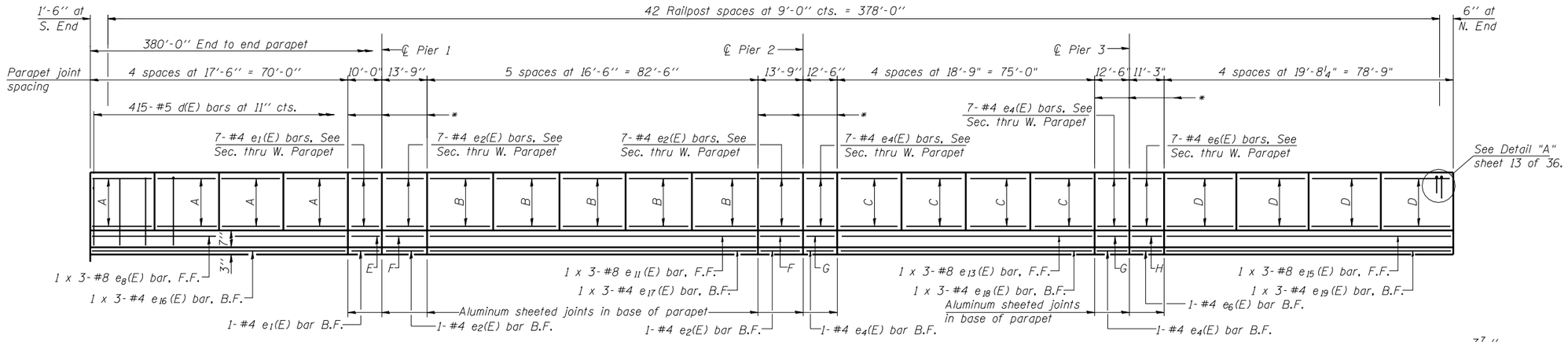
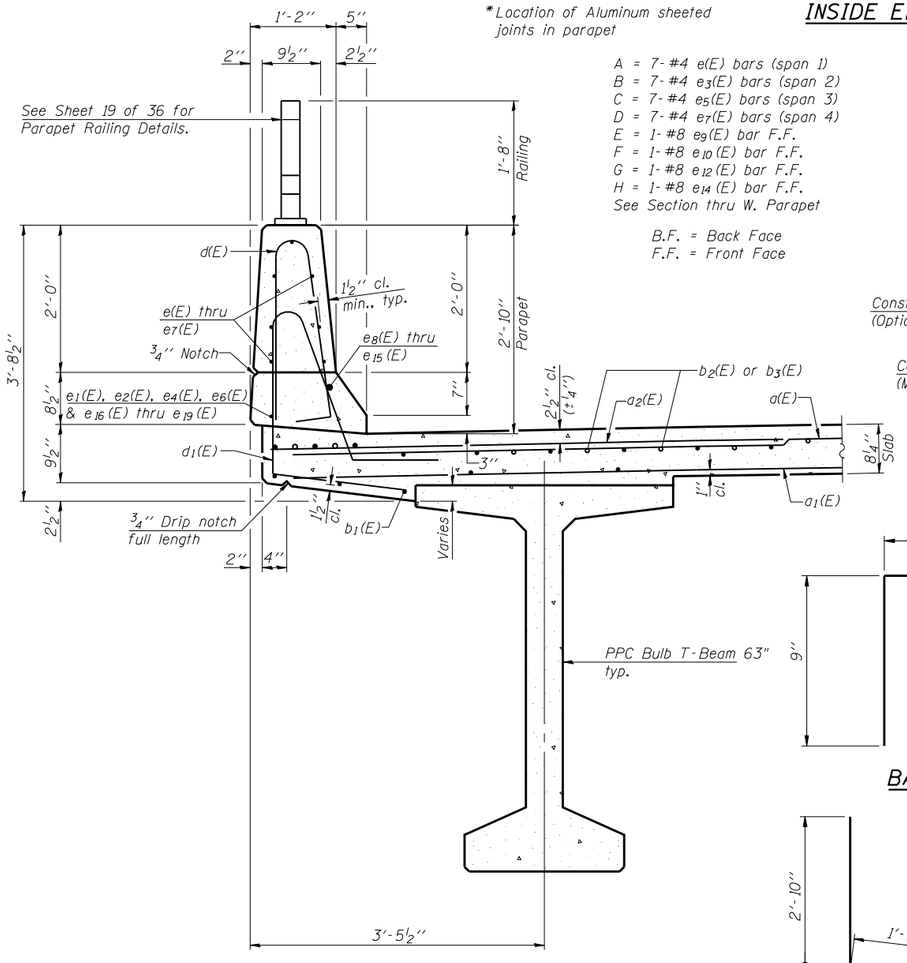


INSIDE ELEVATION OF W. PARAPET

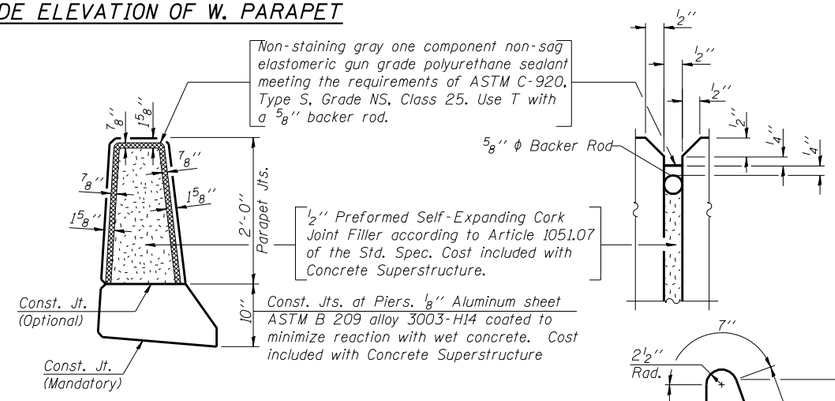
*Location of Aluminum sheeted joints in parapet

A = 7-#4 e(E) bars (span 1)
B = 7-#4 e3(E) bars (span 2)
C = 7-#4 e5(E) bars (span 3)
D = 7-#4 e7(E) bars (span 4)
E = 1-#8 e9(E) bar F.F.
F = 1-#8 e10(E) bar F.F.
G = 1-#8 e12(E) bar F.F.
H = 1-#8 e14(E) bar F.F.
See Section thru W. Parapet

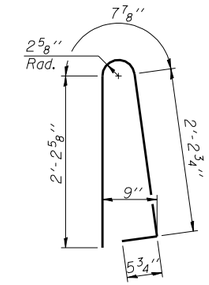
B.F. = Back Face
F.F. = Front Face



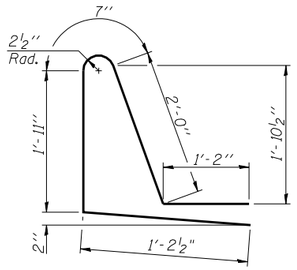
SECTION THRU W. PARAPET



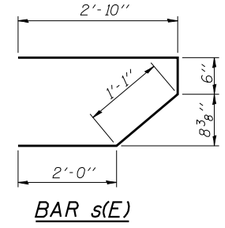
W. PARAPET JOINT DETAILS



BAR d(E)

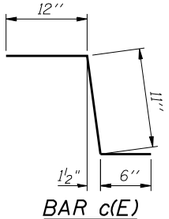


BAR d1(E)

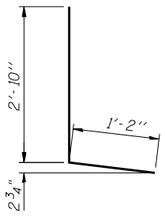


BAR s(E)

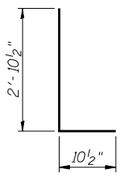
BAR d4(E)



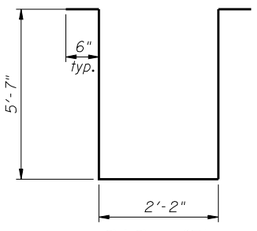
BAR c(E)



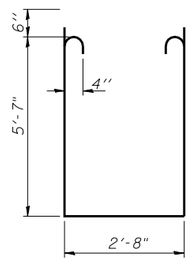
BAR d2(E)



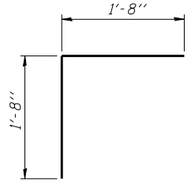
BAR d3(E)



BAR s2(E)



BAR s1(E)



BAR v(E)

SUPERSTRUCTURE BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a(E)	1304	#5	21'-3"	
a1(E)	1014	#5	20'-11"	
a2(E)	652	#6	6'-0"	
b(E)	630	#5	28'-8"	
b1(E)	630	#5	26'-11"	
b2(E)	168	#6	56'-0"	
b3(E)	84	#6	58'-0"	
b4(E)	104	#5	30'-9"	
c(E)	380	#5	2'-5"	
c1(E)	380	#5	5'-8"	
d(E)	415	#5	5'-7"	
d1(E)	415	#5	6'-11"	
d2(E)	380	#4	4'-0"	
d3(E)	380	#6	3'-9"	
d4(E)	172	#4	2'-0"	
e(E)	52	#4	17'-2"	
e1(E)	14	#4	9'-8"	
e2(E)	28	#4	13'-5"	
e3(E)	65	#4	16'-2"	
e4(E)	28	#4	12'-2"	
e5(E)	52	#4	18'-5"	
e6(E)	14	#4	10'-11"	
e7(E)	52	#4	19'-4"	
e8(E)	3	#8	25'-6"	
e9(E)	1	#8	9'-8"	
e10(E)	2	#8	13'-5"	
e11(E)	3	#8	29'-8"	
e12(E)	2	#8	12'-2"	
e13(E)	3	#8	27'-2"	
e14(E)	1	#8	10'-11"	
e15(E)	3	#8	28'-5"	
e16(E)	3	#4	24'-2"	
e17(E)	3	#4	28'-4"	
e18(E)	3	#4	25'-10"	
e19(E)	3	#4	27'-1"	
m(E)	24	#6	21'-5"	
m1(E)	36	#6	9'-0"	
m2(E)	32	#6	4'-10"	
m3(E)	4	#6	2'-0"	
m4(E)	36	#4	3'-4"	
m5(E)	72	#4	6'-6"	
m6(E)	18	#8	6'-2"	
s(E)	84	#5	6'-5"	
s1(E)	52	#4	14'-10"	
s2(E)	60	#4	14'-4"	
v(E)	88	#5	3'-4"	
Reinforcement Bars, Epoxy Coated			Lbs.	138,930
Concrete Superstructure			Cu. Yds.	683.2
Bar Splicers			Each	1287

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

MINIMUM BAR LAP

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

SUPERSTRUCTURE DETAILS STRUCTURE NO. 010-0287

PLOT DATE = 9/24/2009
FILE NAME = c:\pbt-i-13-super-details.dgn
PLOT SCALE = 012.058794 '/ IN.
USER NAME = JML

PBT-I-D 10-1-08

Coombe-Bloxdorf P.C.
-CIVIL ENGINEERS-
-STRUCTURAL ENGINEERS-
-LAND SURVEYORS-
Design Firm License No. 184-002703

PROJECT NO. 06027-3
SCALE
DATE 9/23/09
DESIGN BY
DRAWN BY TFG
CHECKED BY MCB

SHEET NO. 13
36 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(137BR)BR	CHAMPAIGN	75	33
	SN 010-0287	CONTRACT NO. 70428		
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		