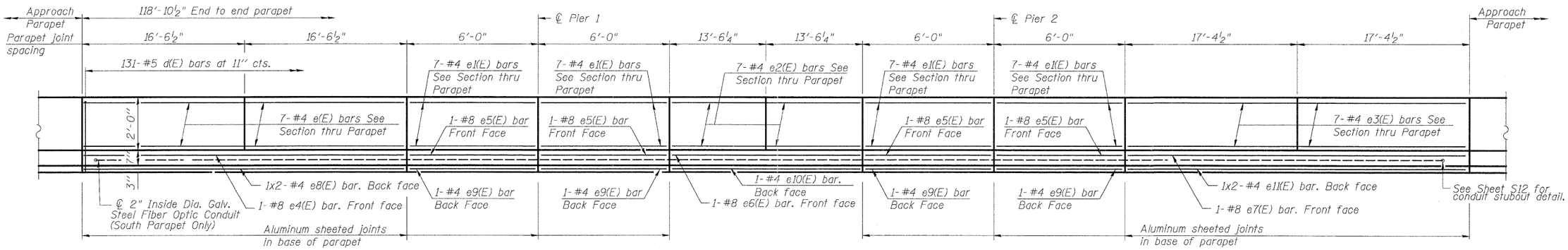
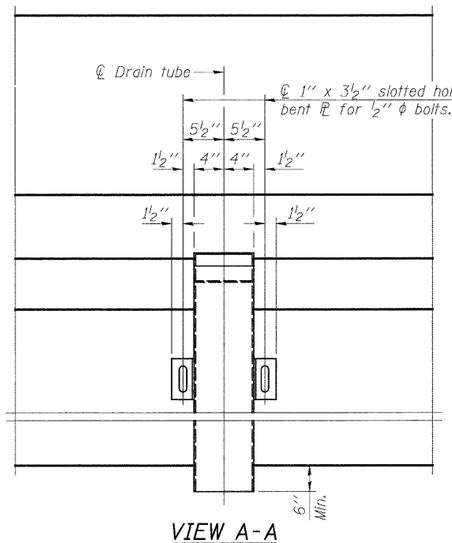


MINIMUM BAR LAP

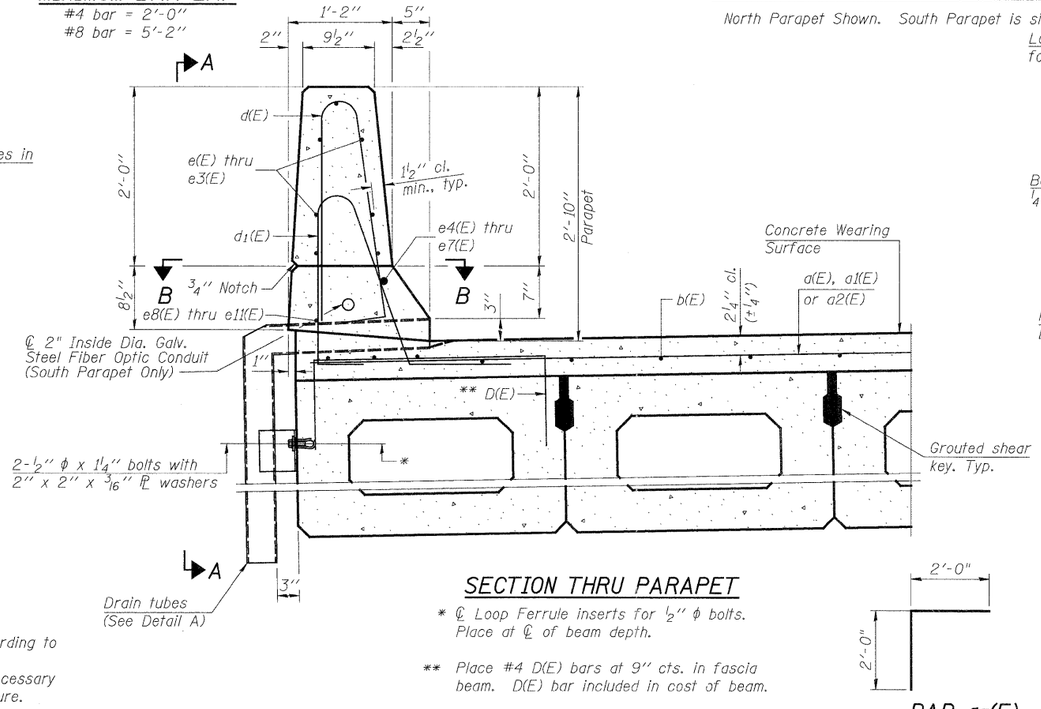
#4 bar = 2'-0"
#8 bar = 5'-2"

INSIDE ELEVATION OF PARAPET

North Parapet Shown. South Parapet is similar



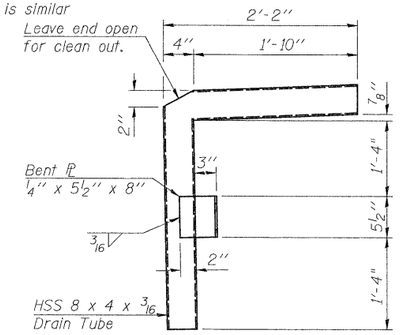
VIEW A-A



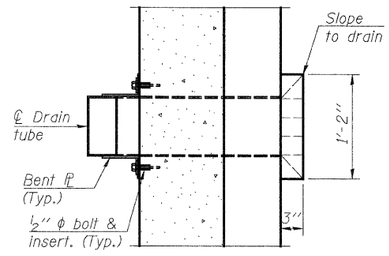
SECTION THRU PARAPET

* ℄ Loop Ferrule inserts for ½" ϕ bolts. Place at ℄ of beam depth.

** Place #4 D(E) bars at 9" cts. in fascia beam. D(E) bar included in cost of beam.



DETAIL A



SECTION B-B

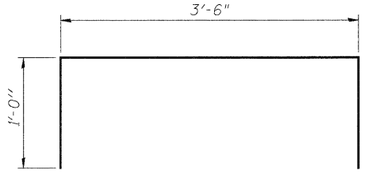
BAR a3(E)

SUPERSTRUCTURE BILL OF MATERIAL

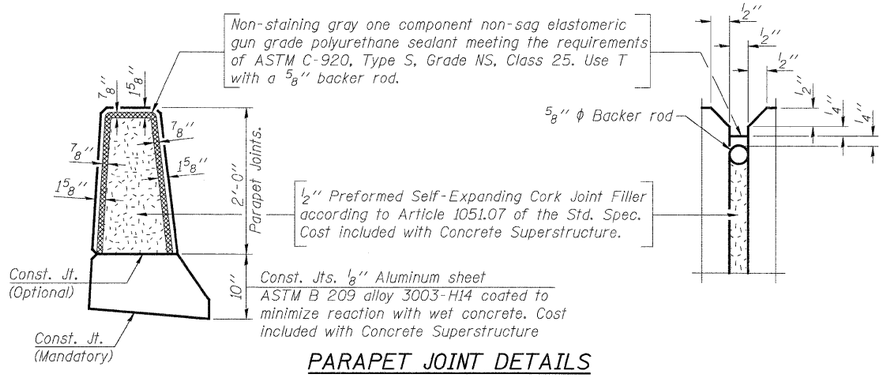
Bar	No.	Size	Length	Shape
a(E)	240	#4	20'-6"	——
a1(E)	238	#4	6'-0"	——
a2(E)	240	#4	23'-6"	——
a3(E)	8	#4	4'-0"	⌐
b(E)	440	#4	25'-6"	——
b1(E)	75	#5	26'-0"	——
c(E)	120	#5	13'-4"	——
c1(E)	240	#5	1'-3"	⌐
d(E)	262	#5	5'-7"	⌂
d1(E)	262	#5	5'-11"	⌊
e(E)	28	#4	16'-2"	——
e1(E)	56	#4	5'-8"	——
e2(E)	28	#4	13'-2"	——
e3(E)	28	#4	17'-0"	——
e4(E)	2	#8	32'-9"	——
e5(E)	8	#8	5'-8"	——
e6(E)	2	#8	26'-9"	——
e7(E)	2	#8	34'-5"	——
e8(E)	4	#4	17'-6"	——
e9(E)	8	#4	5'-8"	——
e10(E)	2	#4	26'-9"	——
e11(E)	4	#4	18'-6"	——
Reinforcement Bars, Epoxy Coated		Pound	25,550	
Concrete Superstructure		Cu. Yd.	57.2	
Concrete Wearing Surface, 5"		Sq. Yd.	1110	
Bar Splicers		Each	120	
Protective Coat		Sq. Yd.	1186	
Bridge Deck Grooving		Sq. Yd.	834	
Conduit Embedded in Structure, 2" Dia., Galvanized Steel		Foot	125	

Bars indicated thus 1 x 2 - #4 etc. indicates 1 line of bars with 2 lengths per line.

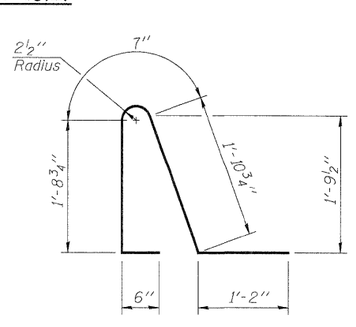
Note:
All drain tubes and accessories shall be galvanized according to AASHTO M111 or M232, (as applicable).
The cost of the drain tube assemblies and everything necessary for their installation is included with Concrete Superstructure.



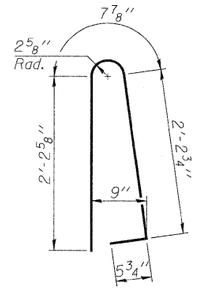
BAR D(E)



PARAPET JOINT DETAILS



BAR d1(E)



BAR d(E)

PDS-M-F-D 7-1-10

PATRICK ENGINEERING INC. 4970 VARSITY DRIVE LISLE, IL 60532 patrickengineering.com	USER NAME =	DESIGNED - RDW	REVISED -
	PLOT CONFIG	CHECKED - RLD	REVISED -
	PLOT SCALE =	DRAWN - APD	REVISED -
	PLOT DATE =	CHECKED - RLD	REVISED -

DUPAGE COUNTY DIVISION OF TRANSPORTATION

SUPERSTRUCTURE DETAILS
75TH STREET OVER EAST BRANCH DUPAGE RIVER
SHEET NO. S13 OF S24 SHEETS

FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0369	08-00162-03-BR	DUPAGE	58	36
		CONTRACT NO. 63662		
		ILLINOIS FED. AID PROJECT		