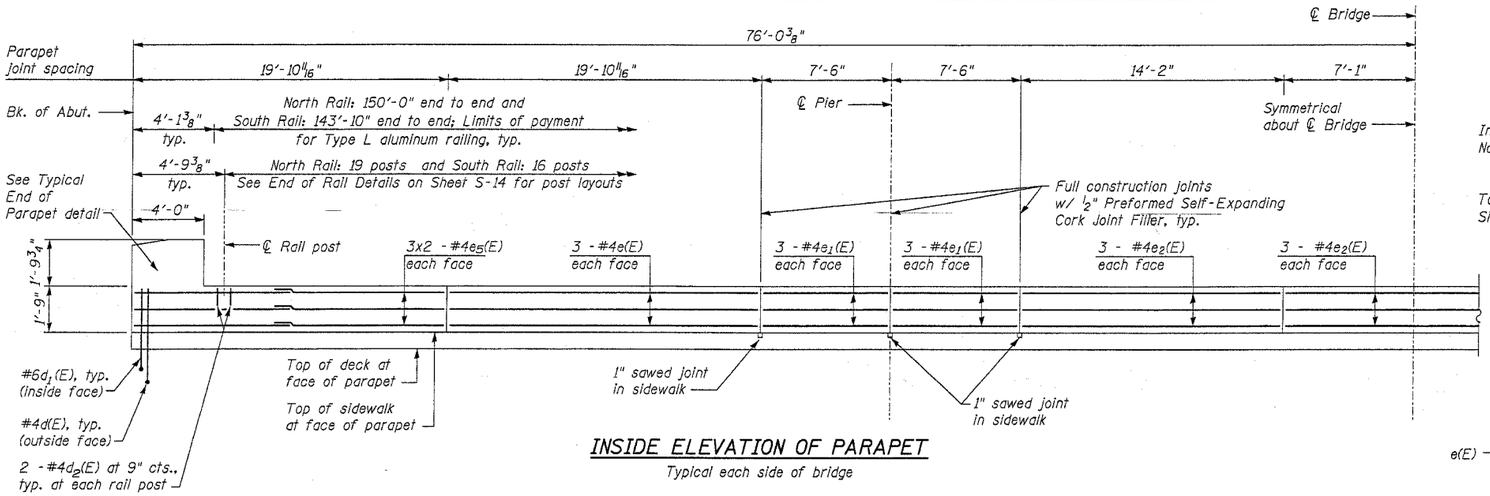
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 0575	14BR	WILL	143	77
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

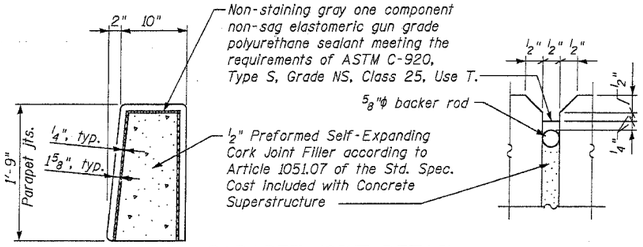
SHEET NO. S-13
S-30 SHEETS

Contract No. 62098



INSIDE ELEVATION OF PARAPET

Typical each side of bridge

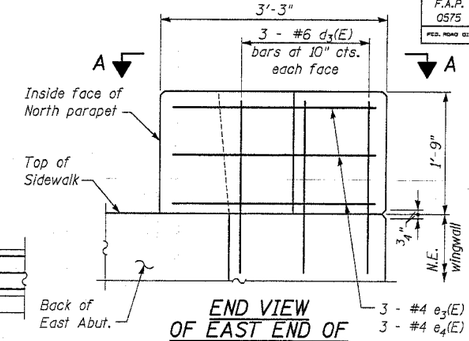


PARAPET JOINT DETAIL

Cost of construction joints and materials included with Concrete Superstructure.

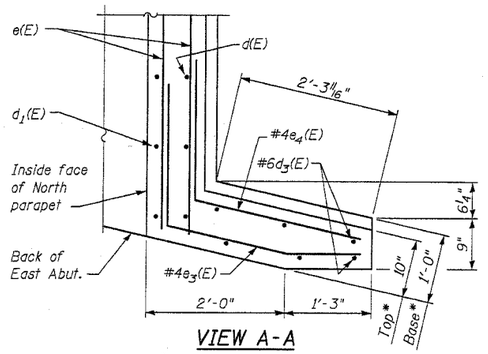
NOTES:

1. Reinforcement designated 3x2-#4, etc., indicates 3 lines of #4 bars with 2 bars per line.
2. All edges shall have standard 3/4" chamfers, except as noted.
3. Reinforcement bars designated (E) shall be epoxy coated.
4. Concrete in parapet is included with concrete superstructure.
5. Minimum bar laps: #4 = 1'-8".



END VIEW OF EAST END OF NORTH PARAPET

(Looking West)



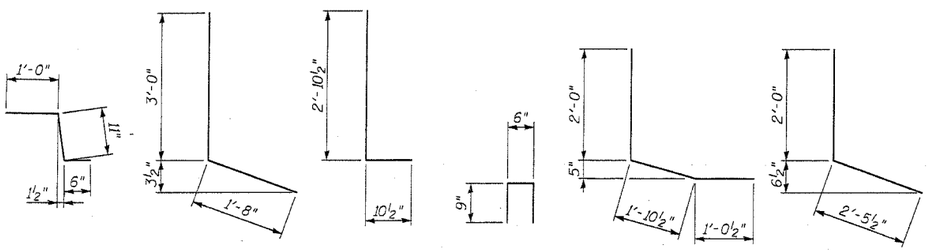
VIEW A-A

* See sidewalk detail on Sheet S-10 for parapet section

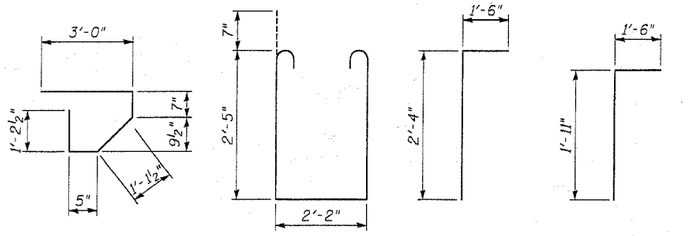
SUPERSTRUCTURE BILL OF MATERIAL

Bar	No.	Size	Length	Shape
d(E)	427	#5	27'-7"	
d1(E)	427	#5	53'-5"	
b(E)	510	#5	32'-1"	
b1(E)	162	#6	32'-0"	
b2(E)	456	#5	27'-1"	
c(E)	152	#5	2'-5"	
c1(E)	304	#5	7'-7"	
d(E)	152	#4	4'-8"	
d1(E)	152	#6	3'-9"	
d2(E)	70	#4	2'-0"	
d3(E)	6	#6	4'-0"	
d4(E)	36	#4	3'-3"	
e(E)	24	#4	19'-7"	
e1(E)	48	#4	7'-2"	
e2(E)	36	#4	13'-10"	
e3(E)	3	#4	4'-11"	
e4(E)	3	#4	4'-6"	
e5(E)	48	#4	10'-9"	
e6(E)	18	#4	3'-8"	
m(E)	4	#6	27'-9"	
m1(E)	14	#6	28'-6"	
m2(E)	26	#6	5'-4"	
m3(E)	4	#6	2'-3"	
m4(E)	2	#6	3'-5"	
m5(E)	4	#6	54'-3"	
m6(E)	14	#6	55'-0"	
s(E)	180	#5	6'-4"	
s1(E)	152	#4	8'-2"	
v(E)	82	#5	3'-10"	
v1(E)	80	#5	3'-5"	

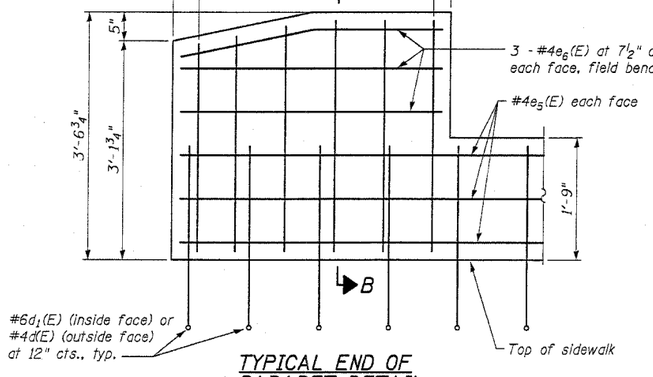
Item	Unit	Quantity
Concrete Superstructure	Cu. Yd.	443
Reinforcement Bars, Epoxy Coated	Pound	84528
Bar Splicers	Each	1067
Bridge Deck Grooving	Sq. Yd.	1115
Protective Coat	Sq. Yd.	1464
Name Plate	Each	1



BAR c(E) BAR d(E) BAR d1(E) BAR d2(E) BAR e3(E) BAR e4(E)



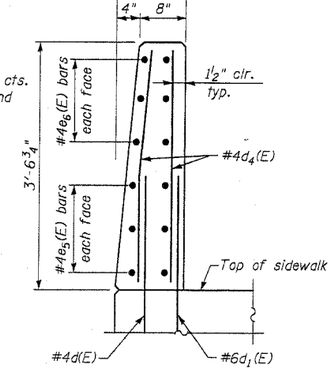
BAR s(E) BAR s1(E) BAR v(E) BAR v1(E)



TYPICAL END OF PARAPET DETAIL

N.W., S.E., and S.W. corners of bridge

* Field cut and bend $d_4(E)$ bars as required to fit.



SECTION B-B

DESIGNED	MJM
CHECKED	WHE
DRAWN	EAB
CHECKED	WHE

REVISIONS NAME	DATE

LONCO, INC.
CONSULTING ENGINEERS 630 NORTH WASHINGTON ST., SUITE 205
NAPERVILLE, ILLINOIS 60563 (630) 577-9100

ILLINOIS DEPARTMENT OF TRANSPORTATION

PARAPET ELEVATION AND SUPERSTRUCTURE DETAILS

US ROUTE 30 (LINCOLN HIGHWAY)
OVER LILY CACHE CREEK
WILL COUNTY

F.A.P. ROUTE 0575 SEC. 14BR
STATION 28+22.14 NEW STRUCTURE NO. 099-4648
DATE 03/24/05