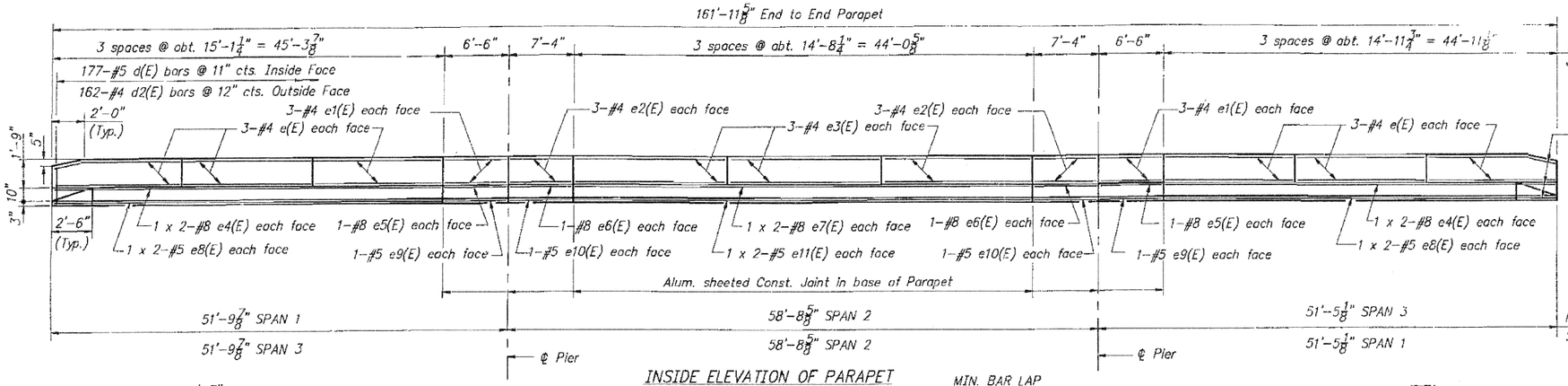
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 591	*	KENDALL	51	25
FEDERAL ROAD DIST. NO.		ILLINOIS	FEDERAL AID PROJECT	

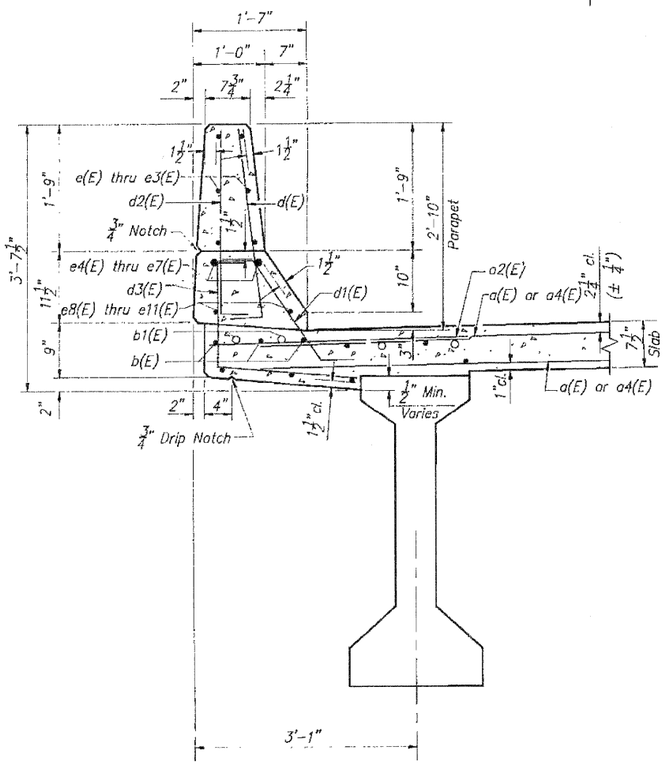
SHEET NO. 6 OF 17 SHEETS

* (14R)RS-2 & 14BR-1

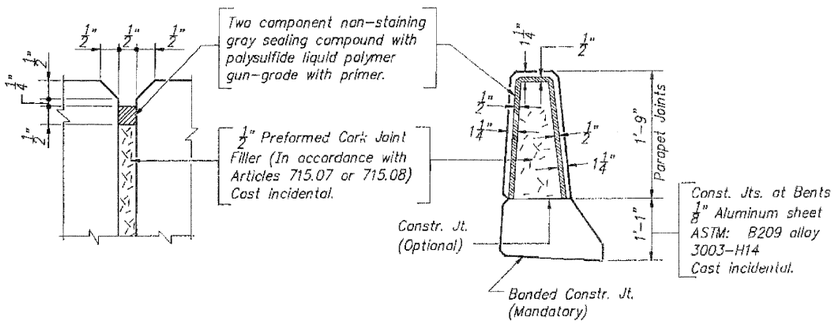


INSIDE ELEVATION OF PARAPET

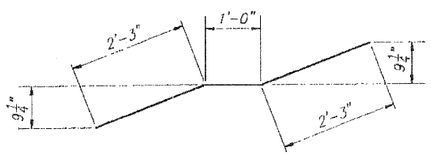
MIN. BAR LAP
#5 Bar = 1'-8"
#8 Bar = 2'-8"



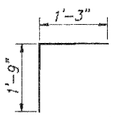
SECTION THRU PARAPET



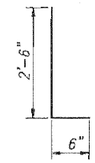
PARAPET JOINT DETAILS



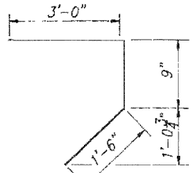
BAR m2



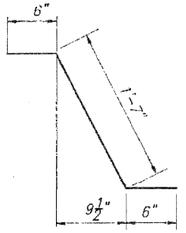
BAR v(E)



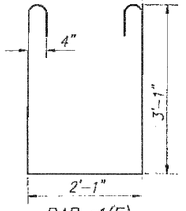
BAR d(E) & d2(E)



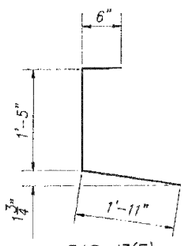
BAR s(E)



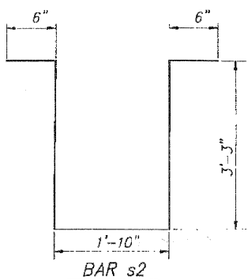
BAR d1(E)



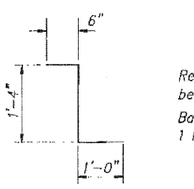
BAR s1(E)



BAR d3(E)



BAR s2



BAR d4(E)

DRAWINGS PROVIDED FOR INFORMATION ONLY. DRAWINGS ARE NOT "AS-BUILT"

SUPERSTRUCTURE BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a(E)	453	#5	16'-0"	
a2(E)	258	#6	4'-0"	
a3(E)	4	#5	17'-8"	
a4(E)	453	#5	24'-10"	
a6(E)	4	#5	27'-0"	
a7(E)	24	#5	8'-3"	
a8(E)	10	#6	17'-10"	
a9(E)	12	#6	4'-10"	
a10(E)	10	#6	27'-2"	
a11(E)	4	#5	8'-9"	
a12(E)	4	#6	2'-3"	
b(E)	282	#5	28'-4"	
b1(E)	86	#6	22'-1"	
b2(E)	215	#5	33'-8"	
b3(E)	46	#5	10'-0"	
d(E)	354	#5	3'-0"	
d1(E)	342	#5	2'-7"	
d2(E)	324	#4	3'-0"	
d3(E)	324	#4	3'-10"	
d4(E)	12	#5	2'-10"	
e(E)	72	#4	14'-8"	
e1(E)	24	#4	6'-2"	
e2(E)	24	#4	7'-1"	
e3(E)	36	#4	14'-5"	
e4(E)	16	#8	23'-10"	
e5(E)	8	#8	6'-2"	
e6(E)	8	#8	7'-1"	
e7(E)	8	#8	23'-3"	
e8(E)	16	#5	23'-4"	
e9(E)	8	#5	6'-2"	
e10(E)	8	#5	7'-1"	
e11(E)	8	#5	22'-9"	
m	48	#4	5'-9"	
m1	24	#6	4'-9"	
m2	14	#8	5'-6"	
s(E)	72	#5	5'-3"	
s1(E)	72	#4	9'-3"	
s2	60	#4	9'-4"	
v(E)	86	#5	3'-0"	
Reinforcement Bars			Lbs.	9410
Reinforcement Bars (Epoxy Coated)			Lbs.	49,670
Class X Concrete Superstructure			Cu. Yds.	251.2

Reinforcement bars designated (E) shall be epoxy coated.

Bars indicated thus 1 x 2-#5 etc. indicates 1 line of bars with 2 lengths per line.

HAZELET + ERDAL, INC.
CONSULTING ENGINEERS
FILE NUMBER 517
DRAWN BY PSH/BHH
CHECKED BY LPM
APPROVED BY [illegible]
[illegible] 517 PARAPET.MSK

BRIDGE APPENDIX
EXISTING STRUCTURE - ORIGINAL PLANS
2 OF 7

SUPERSTRUCTURE DETAILS
F.A.P. ROUTE 591 SECTION 14BR-1
KENDALL COUNTY
STA.172+32.50

SHEET NO 293B