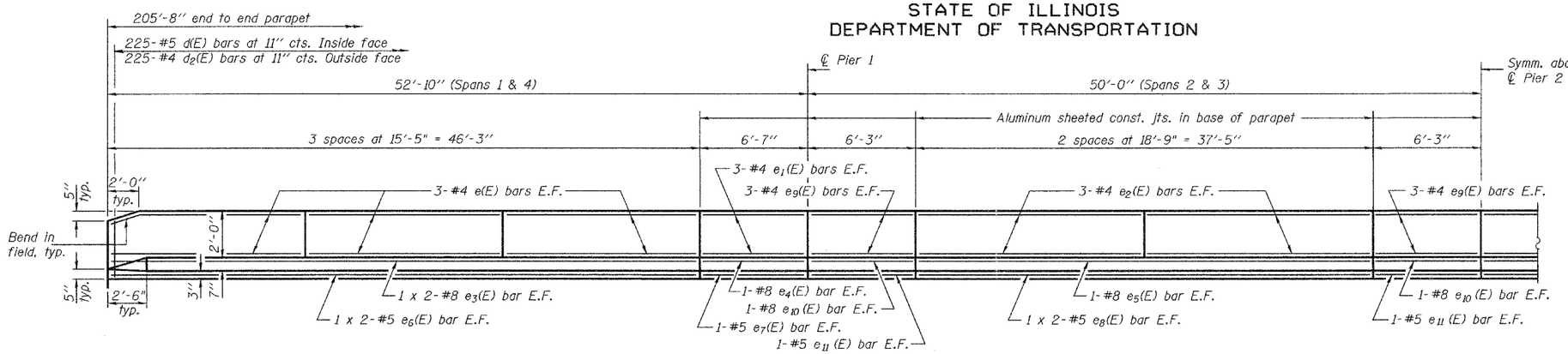
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

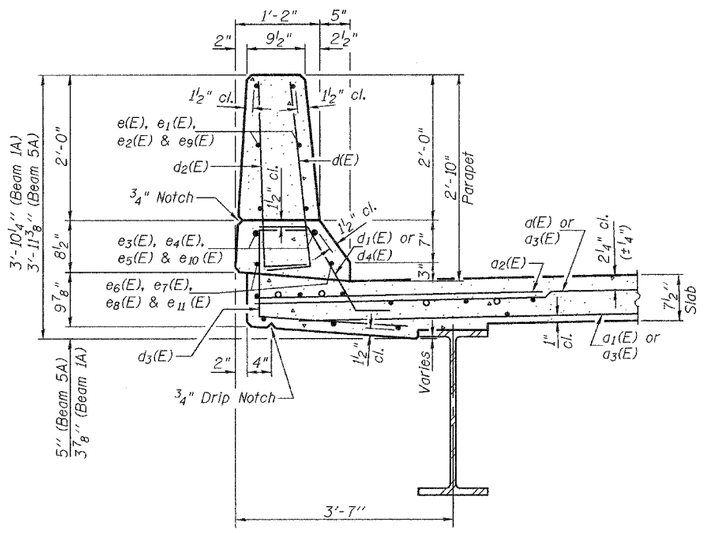
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 309	7HBR-1	WHITESIDE	146	43
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 6
23 SHEETS

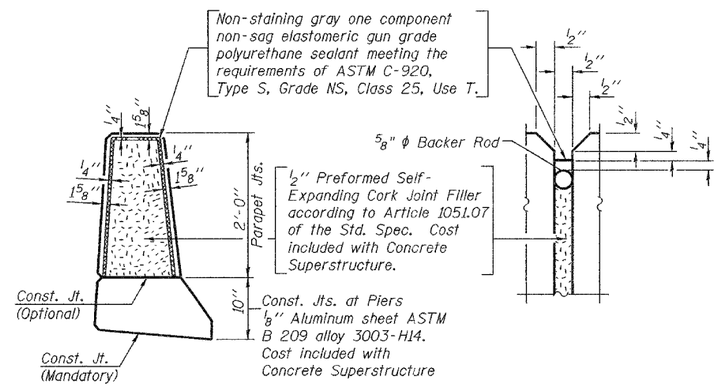
Contract #84883



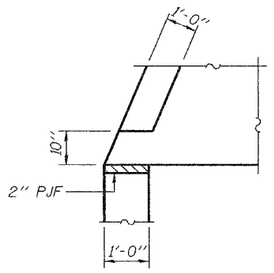
INSIDE ELEVATION OF PARAPET
(Looking North)



SECTION THRU PARAPET



PARAPET JOINT DETAILS



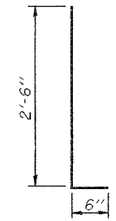
DETAIL A
Parapet and approach not shown.
Detail similar at all four corners.

MIN. BAR LAPS
#5 bars = 1'-8"
#8 bars = 3'-5"

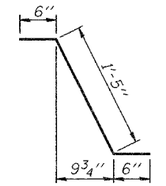
SUPERSTRUCTURE BILL OF MATERIAL

Bar	No.	Size	Length	Shape
d(E)	328	#5	42'-6"	——
d1(E)	246	#5	41'-2"	——
d2(E)	328	#6	4'-6"	——
d3(E)	8	#5	25'-0"	——
b(E)	322	#5	30'-9"	——
b1(E)	129	#6	28'-10"	——
b2(E)	432	#5	27'-2"	——
d(E)	450	#5	3'-0"	⌐
d1(E)	438	#5	2'-5"	⌐
d2(E)	450	#4	3'-0"	⌐
d3(E)	450	#4	4'-4"	⌐
d4(E)	12	#5	2'-2"	⌐
e(E)	72	#4	15'-1"	——
e1(E)	24	#4	6'-3"	——
e2(E)	48	#4	18'-5"	——
e3(E)	16	#8	24'-4"	——
e4(E)	8	#8	6'-3"	——
e5(E)	8	#8	37'-1"	——
e6(E)	16	#5	24'-4"	——
e7(E)	8	#5	6'-3"	——
e8(E)	16	#5	19'-7"	——
e9(E)	48	#4	6'-0"	——
e10 (E)	16	#8	6'-0"	——
e11 (E)	16	#5	6'-0"	——
m(E)	32	#6	25'-9"	——
m1(E)	24	#6	6'-5"	——
m2(E)	8	#6	3'-8"	——
m3(E)	28	#6	9'-4"	——
s(E)	84	#5	8'-7"	▭
s1(E)	84	#4	9'-4"	⊔
u(E)	98	#4	5'-6"	⊔
u1(E)	1230	#4	2'-10"	⊔
v(E)	84	#5	4'-0"	⌐
Reinforcement Bars, Epoxy Coated		Pound	71360	
Concrete Superstructure		Cu. Yds.	318.5	

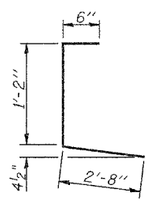
Reinforcement bars designated (E) shall be epoxy coated.
Bars indicated thus 1 x 2-#5 etc. indicates 1 line of bars with 2 lengths per line.



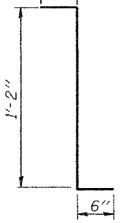
BARS d(E) & d2(E)



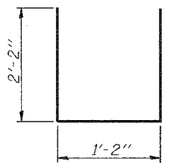
BAR d1(E)



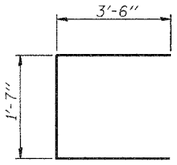
BAR d3(E)



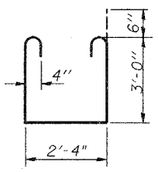
BAR d4(E)



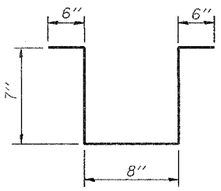
BAR u(E)



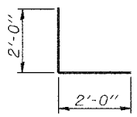
BAR s(E)



BAR s1(E)



BAR u1(E)



BAR v(E)

DESIGNED	CCC
CHECKED	DPN
DRAWN	h.t. duong
CHECKED	CCC/DPN

Oct. 11, 2005
EXAMINED Thomas J. Domagalski
ENGINEER OF BRIDGE DESIGN
PASSED Ralph E. Anderson
ENGINEER OF BRIDGES AND STRUCTURES

SUPERSTRUCTURE DETAILS
F.A.P. RTE. 309 - SEC. 7HBR-1
WHITESIDE COUNTY
STATION 51+17.83
STRUCTURE NO. 098-6000

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