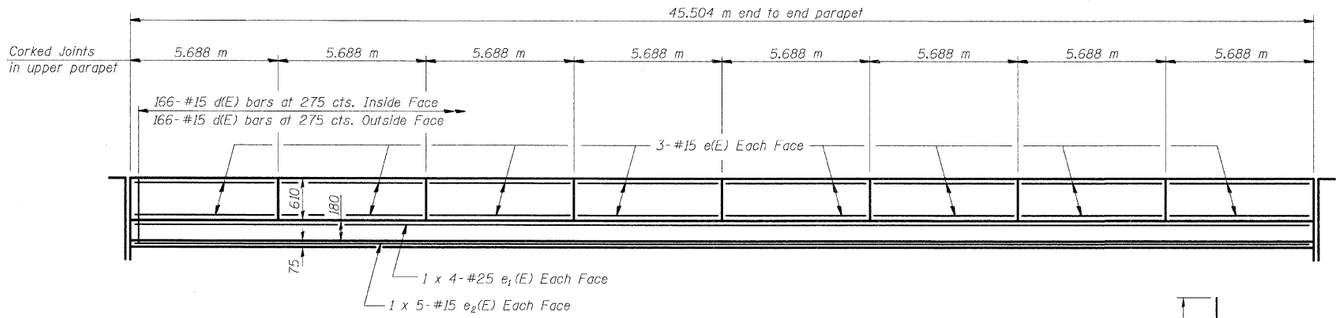
12/10/2007 12:00:35 PM

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S. B. I. F. A. P. 310	*	MADISON	239	135
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

SHEET NO. 13
48 SHEETS

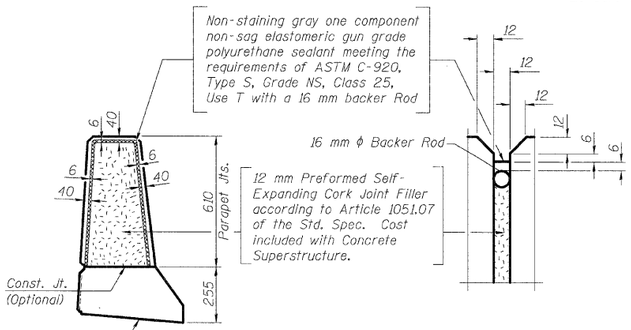
* 60-15HB-1 CONTRACT NO. 76635



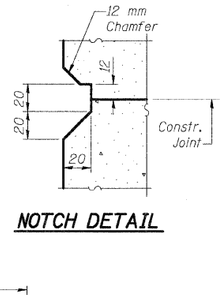
INSIDE ELEVATION OF PARAPETS

Min. Bar Lap
#15 bars-640
#25 bars-1.32 m

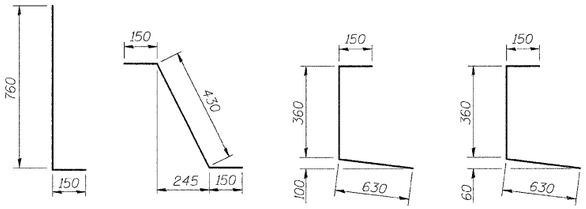
Notes:
See Sheet 11 of 48 for N.B. Superstructure
See Sheet 12 of 48 for S.B. Superstructure



PARAPET JOINT DETAILS



NOTCH DETAIL



BAR d(E) BAR d_1(E) BAR d_2(E) BAR d_3(E)

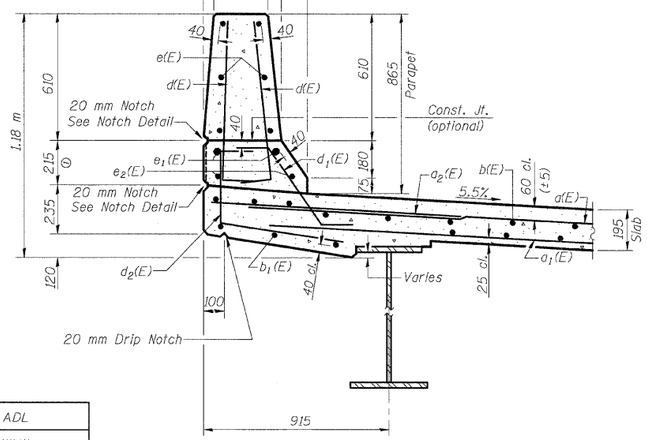
N.B. SUPERSTRUCTURE BILL OF MATERIAL

Bar	No.	Size	Length (m)	Shape
d(E)	303	#15	13.34	——
a_1(E)	217	#15	13.14	——
a_2(E)	304	#20	1.20	——
a_3(E)	4	#15	13.40	——
b(E)	245	#15	9.62	——
b_1(E)	184	#15	11.86	——
d(E)	664	#15	0.91	L
d_1(E)	332	#15	0.73	⌐
d_2(E)	166	#15	1.14	⊏
d_3(E)	166	#15	1.14	⊏
e(E)	96	#15	5.61	——
e_1(E)	16	#25	12.38	——
e_2(E)	20	#15	9.62	——
Reinforcement Bars, Epoxy Coated		kg	22,740	
Concrete Superstructure		m^3	159.4	
Bridge Deck Grooving		m^2	582	
Protective Coat		m^2	688	
Form Liner Textured Surface		m^2	23	

S.B. SUPERSTRUCTURE BILL OF MATERIAL

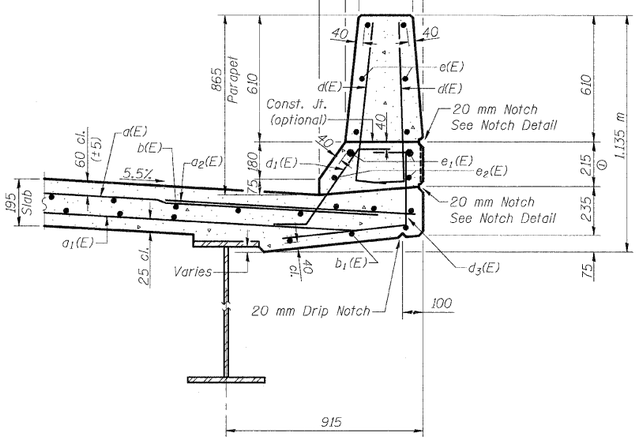
Bar	No.	Size	Length (m)	Shape
d(E)	303	#15	13.34	——
a_1(E)	217	#15	13.14	——
a_2(E)	304	#20	1.20	——
a_3(E)	4	#15	13.40	——
b(E)	245	#15	9.62	——
b_1(E)	184	#15	11.86	——
d(E)	664	#15	0.91	L
d_1(E)	332	#15	0.73	⌐
d_2(E)	166	#15	1.14	⊏
d_3(E)	156	#15	1.14	⊏
e(E)	96	#15	5.61	——
e_1(E)	16	#25	12.38	——
e_2(E)	20	#15	9.62	——
Reinforcement Bars, Epoxy Coated		kg	22,740	
Concrete Superstructure		m^3	159.4	
Bridge Deck Grooving		m^2	582	
Protective Coat		m^2	688	
Form Liner Textured Surface		m^2	23	

Bars indicated thus 1 x 5-#15 etc. indicates 1 line of bars with 5 lengths per line.



SECTION THRU SOUTH PARAPETS

① Patterned Rope Texture Concrete. See Sheet 42 of 48 for details.



SECTION THRU NORTH PARAPETS

① Patterned Rope Texture Concrete. See Sheet 42 of 48 for details.

DESIGNED	ADL
CHECKED	WLW
DRAWN	ADL/DGM
CHECKED	WLW

SUPERSTRUCTURE DETAILS
FAP RTE. 310 (IL RTE. 255) OVER
CH ROUTE 4 (HUMBERT ROAD)
SECTION 60-15HB-1
MADISON COUNTY
STATION 38+829.909
SN 060-0308 (NB) & 060-0309 (SB)

Klingner & Assoc., P.C.

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