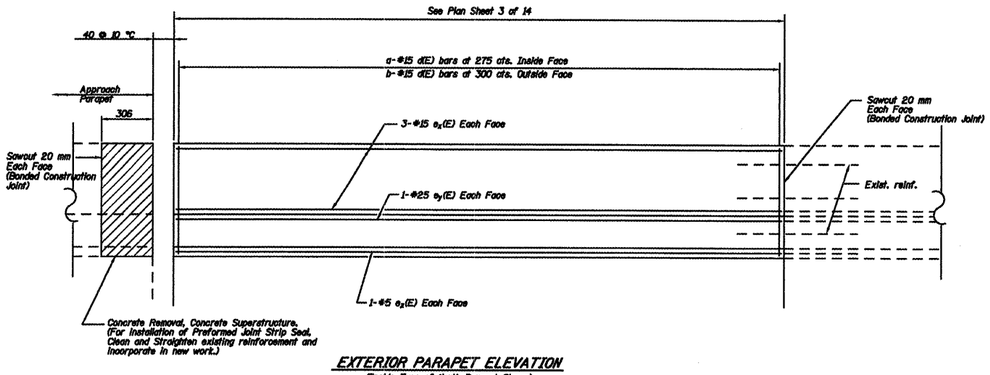
CONTRACT NO. 70661

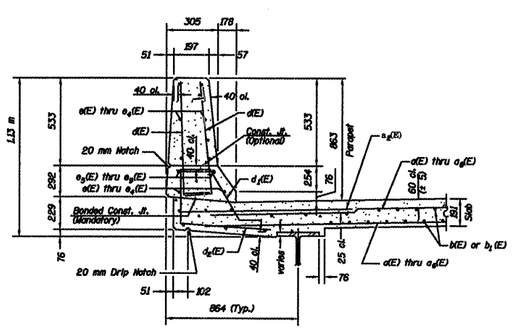
ROUTE NO.	DIRECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 55	*	McLEAN	70	56
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT=		

SHEET NO. 5
14 SHEETS

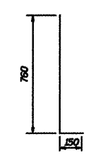
* I(57-4)HBR-5&VBR-1)&57-2HB-1



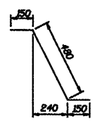
EXTERIOR PARAPET ELEVATION
(Inside Face of North Parapet Shown)



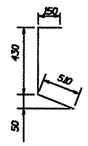
SECTION THRU EXTERIOR PARAPET



BAR d(E)



BAR d_1(E)



BAR d_2(E)

DESIGNED	GAE
CHECKED	JDA
DRAWN	NQ
CHECKED	GAE

SOUTH BOUND ROADWAY

PARAPET REINFORCEMENT SCHEDULE

	Location	a	b	x	y
Stage 1	SW Parapet	12	11	a(E)	a_2(E)
	SE Parapet	20	18	a_3(E)	a_2(E)
Stage 2	NW Parapet	21	19	a_3(E)	a_2(E)
	NE Parapet	12	11	a(E)	a_2(E)

NORTH BOUND ROADWAY

PARAPET REINFORCEMENT SCHEDULE

	Location	a	b	x	y
Stage 1	NW Parapet	18	16	a_2(E)	a_7(E)
	NE Parapet	12	11	a(E)	a_2(E)
Stage 2	SW Parapet	12	11	a(E)	a_2(E)
	SE Parapet	18	16	a_4(E)	a_2(E)

BILL OF MATERIAL

SOUTH BOUND ROADWAY

Bar	Number		Size	Length (m)	Shape
	Stage 1	Stage 2			
d(E)	103	-	#15	15.60	
d_2(E)	27	27	#20	1.20	
d_3(E)	-	57	#15	10.22	
d_4(E)	-	40	#15	7.19	
d_7(E)	8	-	#20	16.65	
d_8(E)	-	4	#20	10.24	
d_{10}(E)	-	4	#20	7.81	
b(E)	107	66	#15	8.39	
d(E)	61	63	#15	0.91	
d_1(E)	32	33	#15	0.78	
d_2(E)	29	30	#15	1.09	
a(E)	8	8	#15	2.90	
a_1(E)	8	-	#15	5.17	
a_3(E)	-	8	#15	5.39	
a_5(E)	2	2	#25	2.90	
a_6(E)	2	-	#25	5.17	
a_8(E)	-	2	#25	5.39	
Reinforcement Bars, Epoxy Coated			kg	7690	
Concrete Superstructure			cu m	55.6	
Bar Splicers			each	96	

NORTH BOUND ROADWAY

Bar	Number		Size	Length (m)	Shape
	Stage 1	Stage 2			
a_1(E)	92	-	#15	10.74	
a_2(E)	25	26	#20	1.20	
a_3(E)	-	40	#15	7.78	
a_4(E)	-	49	#15	7.08	
a_7(E)	8	-	#20	10.76	
a_{11} (E)	-	4	#20	7.79	
a_{12} (E)	-	4	#20	7.09	
b_1(E)	71	52	#15	7.63	
d(E)	57	57	#15	0.91	
d_1(E)	30	30	#15	0.78	
d_2(E)	27	27	#15	1.09	
a(E)	8	8	#15	2.90	
a_2(E)	8	-	#15	4.63	
a_4(E)	-	8	#15	4.56	
a_5(E)	2	2	#25	2.90	
a_7(E)	2	-	#25	4.63	
a_8(E)	-	2	#25	4.56	
Reinforcement Bars, Epoxy Coated			kg	5180	
Concrete Superstructure			cu m	38.0	
Bar Splicers			each	90	

STRUCTURAL DETAILS &
BILL OF MATERIALS
F.A.I. 55 OVER CONSTITUTION TRAIL
McLEAN COUNTY
SN 057-0026 (NB)
SN 057-0027 (SB)
STA. 38+263.167