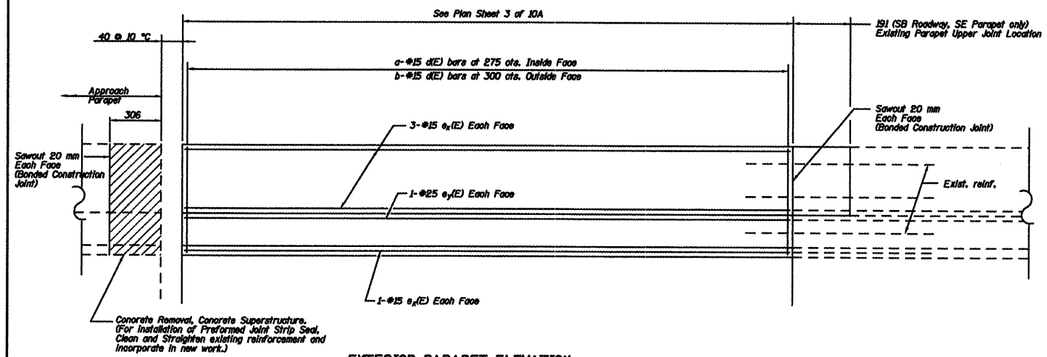
CONTRACT NO. 70661

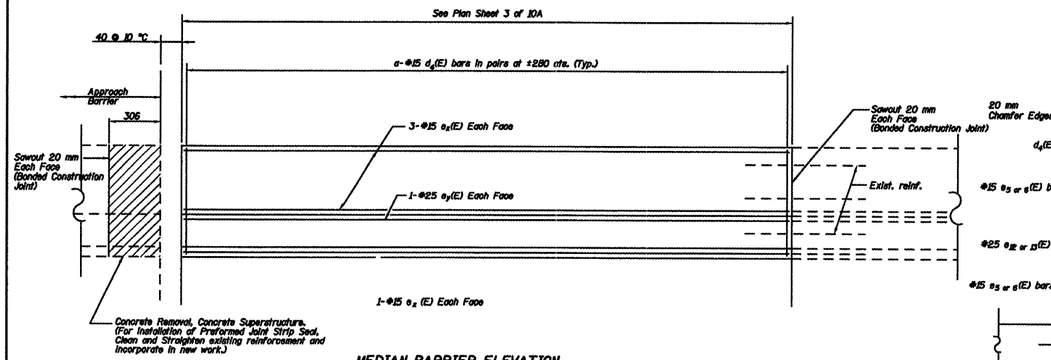
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 55	*	McLEAN	70	43
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 6
10A SHEETS

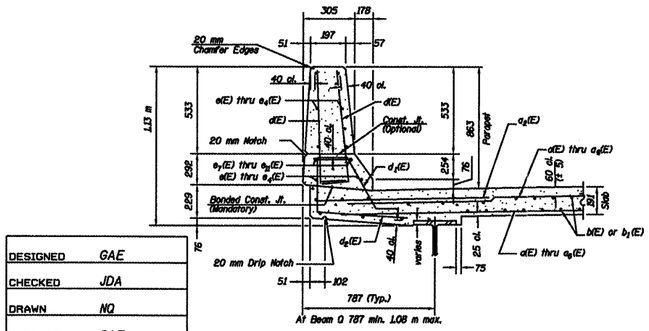
* ((57-1)HBR-5&VBR-1)&57-2HB-1



EXTERIOR PARAPET ELEVATION
(Inside Face of North Parapet Shown)

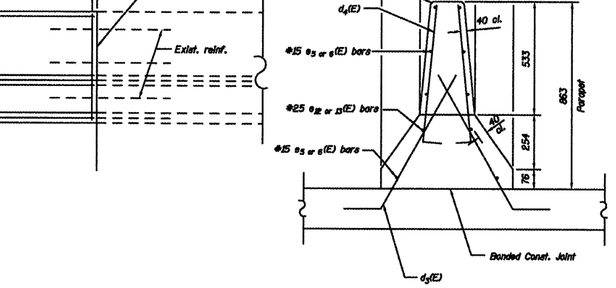


MEDIAN BARRIER ELEVATION
(West End looking north shown)

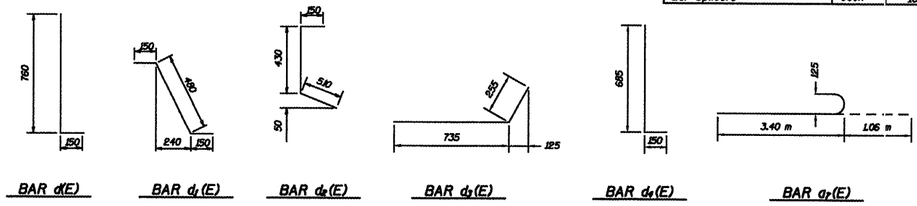


SECTION THRU EXTERIOR PARAPET

DESIGNED	GAE
CHECKED	JDA
DRAWN	NQ
CHECKED	GAE



MEDIAN BARRIER DETAIL



SOUTH BOUND ROADWAY

PARAPET REINFORCEMENT SCHEDULE

	Location	a	b	x	y
Stage 1	SW Parapet	12	11	e(E)	e_7(E)
	SE Parapet	22	20	e_5(E)	e_6(E)
Stage 2	NW Parapet	21	19	e_3(E)	e_{10}(E)
	NE Parapet	12	11	e(E)	e_7(E)
	W Barrier	17	-	e_8(E)	e_{10}(E)
	E Barrier	16	-	e_6(E)	e_{10}(E)

NORTH BOUND ROADWAY

PARAPET REINFORCEMENT SCHEDULE

	Location	a	b	x	y
Stage 1	NW Parapet	18	16	e_8(E)	e_9(E)
	NE Parapet	12	11	e(E)	e_7(E)
Stage 2	SW Parapet	12	11	e(E)	e_7(E)
	SE Parapet	18	16	e_6(E)	e_9(E)

BILL OF MATERIAL

SOUTH BOUND ROADWAY

Bar	Number		Size	Length (m)	Shape
	Stage 1	Stage 2			
d(E)	109	-	#15	14.39	
a_4(E)	29	28	#20	1.20	
a_3(E)	41	-	#15	3.40	
a_4(E)	-	61	#15	15.60	
a_5(E)	-	48	#15	17.53	
a_7(E)	58	-	#15	4.46	
a_8(E)	16	-	#20	9.26	
a_{12}(E)	-	4	#20	15.46	
a_{11}(E)	-	8	#20	9.08	
b(E)	118	107	#15	8.53	
d(E)	64	63	#15	0.91	
d_1(E)	33	33	#15	0.78	
d_2(E)	31	30	#15	1.09	
d_3(E)	-	66	#15	0.99	
d_4(E)	-	66	#15	0.835	
e(E)	8	8	#15	2.90	
e_1(E)	8	-	#15	5.81	
e_3(E)	-	8	#15	5.46	
e_5(E)	-	8	#15	4.36	
e_6(E)	-	8	#15	4.16	
e_7(E)	2	2	#25	2.90	
e_8(E)	2	-	#25	5.62	
e_9(E)	-	2	#25	5.46	
e_{10}(E)	-	2	#25	4.36	
e_{11}(E)	-	2	#25	4.16	
Reinforcement Bars, Epoxy Coated			kg		10820
Concrete Superstructure			cu m		76.7
Bar Splicers			each		104

NORTH BOUND ROADWAY

Bar	Number		Size	Length (m)	Shape
	Stage 1	Stage 2			
a_1(E)	94	43	#15	10.75	
a_2(E)	24	25	#20	1.20	
a_6(E)	-	52	#15	11.43	
a_9(E)	8	-	#20	10.75	
a_{10}(E)	-	4	#20	10.75	
a_{13}(E)	-	4	#20	11.44	
b_1(E)	71	74	#15	7.46	
d(E)	57	57	#15	0.91	
d_1(E)	30	30	#15	0.78	
d_2(E)	27	27	#15	1.09	
e(E)	8	8	#15	2.90	
e_2(E)	8	-	#15	4.56	
e_4(E)	-	8	#15	4.61	
e_7(E)	2	2	#25	2.90	
e_8(E)	2	-	#25	4.56	
e_{11}(E)	-	2	#25	4.61	
Reinforcement Bars, Epoxy Coated			kg		6130
Concrete Superstructure			cu m		44.7
Bar Splicers			each		94

SUPERSTRUCTURE DETAILS
F.A.I. 55 OVER BUSINESS U.S. 51
McLEAN COUNTY
SN 057-0024 (NB)
SN 057-0025 (SB)
STA. 37+474.206