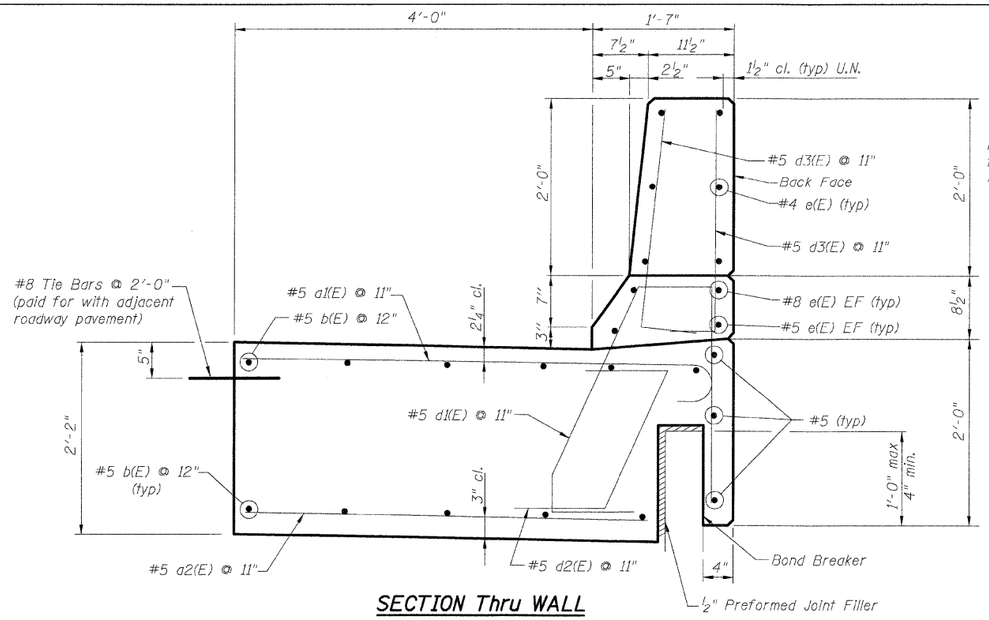
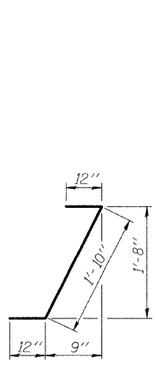
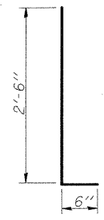


SECTION Thru WALL

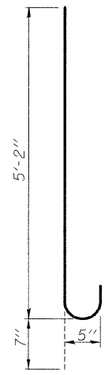
NOTE:
Parapet Stem Height Varies from 2'-0" to 2'-2" at Bridge Approach Parapet.



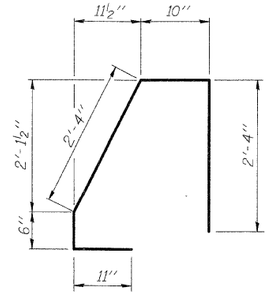
BAR d2(E)



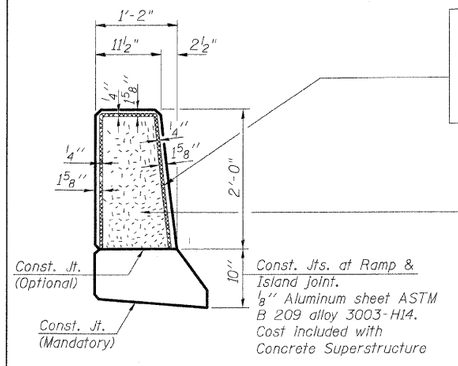
BAR d3(E)



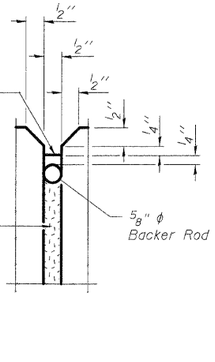
BAR a1(E)



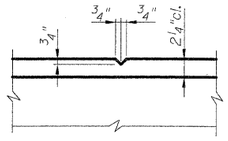
BAR d1(E)



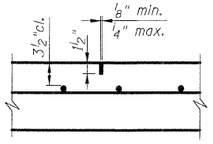
EXPANSION JOINT AT PARAPET DETAIL



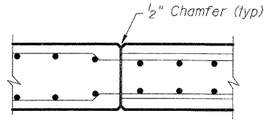
PARAPET CONSTRUCTION JOINT DETAIL



GROOVE JOINT DETAIL



SAWED CONTRACTION JOINT DETAIL



BILL OF MATERIAL
RAMP B

Reinforcing Bar	No.	Size	Bar Length Feet	Inches	Shape
a1(E)	641	5	5	9	
a2(E)	641	5	4	4	
b1(E)	78	5	32	4	
b2(E)	65	5	32	3	
b3(E)	39	5	32	2	
b4(E)	6	5	18	7	
b5(E)	5	5	18	6	
b6(E)	3	5	18	5	
b7(E)	6	5	29	2	
b8(E)	5	5	29	1	
b9(E)	3	5	29	0	
b10(E)	24	5	32	10	
b11(E)	20	5	32	9	
b12(E)	12	5	32	8	
b13(E)	6	5	30	3	
b14(E)	5	5	30	2	
b15(E)	3	5	30	1	
d1(E)	641	5	6	11	
d2(E)	641	5	3	10	
d3(E)	1,282	5	3	0	
e1(E)	26	5	32	2	
e2(E)	26	8	34	6	
e3(E)	54	4	31	4	
e4(E)	2	5	18	5	
e5(E)	2	5	29	0	
e6(E)	8	5	32	8	
e7(E)	2	5	30	0	
e8(E)	2	8	20	9	
e9(E)	2	8	31	4	
e10(E)	8	8	35	0	
e11(E)	2	8	30	2	
e12(E)	24	4	29	8	
e13(E)	6	4	15	11	
e14(E)	6	4	28	2	
e15(E)	18	4	31	10	
e16(E)	12	4	30	2	

Reinforcement Bars, Epoxy Coated	Pound	34,420
Concrete Structures	CU YD	322
Protective Coat	SQ YD	514

BILL OF MATERIAL
RAMP C

Reinforcing Bar	No.	Size	Bar Length Feet	Inches	Shape
a1(E)	453	5	5	9	
a2(E)	453	5	4	4	
b1(E)	48	5	32	4	
b2(E)	40	5	32	3	
b3(E)	24	5	32	2	
b4(E)	6	5	24	7	
b5(E)	5	5	24	6	
b6(E)	3	5	24	5	
b7(E)	6	5	31	10	
b8(E)	5	5	31	9	
b9(E)	3	5	31	8	
b10(E)	18	5	33	0	
b11(E)	15	5	32	11	
b12(E)	9	5	32	10	
b13(E)	6	5	30	6	
b14(E)	5	5	30	5	
b15(E)	3	5	30	4	
d1(E)	453	5	6	11	
d2(E)	453	5	3	10	
d3(E)	906	5	3	0	
e1(E)	16	5	32	2	
e2(E)	16	8	34	6	
e3(E)	36	4	31	4	
e4(E)	2	5	24	5	
e5(E)	2	5	31	8	
e6(E)	6	5	32	10	
e7(E)	2	5	30	4	
e8(E)	2	8	26	9	
e9(E)	2	8	34	0	
e10(E)	6	8	35	2	
e11(E)	2	8	30	4	
e12(E)	12	4	29	8	
e13(E)	6	4	21	11	
e14(E)	6	4	30	9	
e15(E)	12	4	32	0	
e16(E)	12	4	30	4	

Reinforcement Bars, Epoxy Coated	Pound	24,310
Concrete Structures	CU YD	227
Protective Coat	SQ YD	362

NOTES:

1. Reinforcement bars designated (E) shall be Epoxy Coated.
2. Bars indicated thus: 3 x 2-#4 etc. indicates 3 lines of bars with 2 lengths per line.
3. Bundle bars according to Ramp B or Ramp C.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	•	MADISON	420	309
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

• 60-10K-1, 60-10HB CONTRACT NO. 76709

Sht. R-09 of R-13

STV Incorporated
Engineers/Architects/Planners/Construction Managers
200 W. Monroe Street, Suite 1650
Chicago, IL. 50606-5015
312/553-0655, FAX 312/553-0661

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
IL ROUTE 162 OVER I-55/70 IN TROY
F.A.I ROUTE 70 SECTION 60-10K-1, 60-10HB
MADISON COUNTY STA. 17+40 TO STA. 22+50
STRUCTURE NO. 060-W006

PARAPET & ANCHORAGE SLAB DETAILS
RAMP B & C

DRAWN BY KM
CHECKED BY BJG
DATE: 05/2006