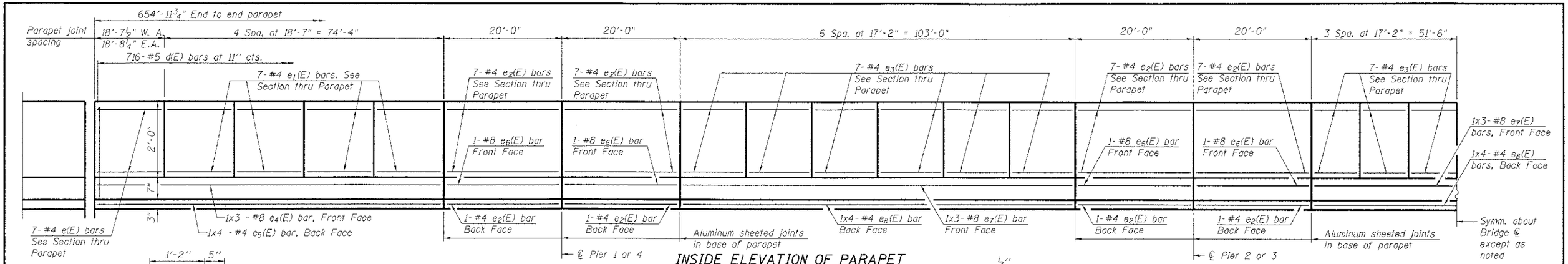
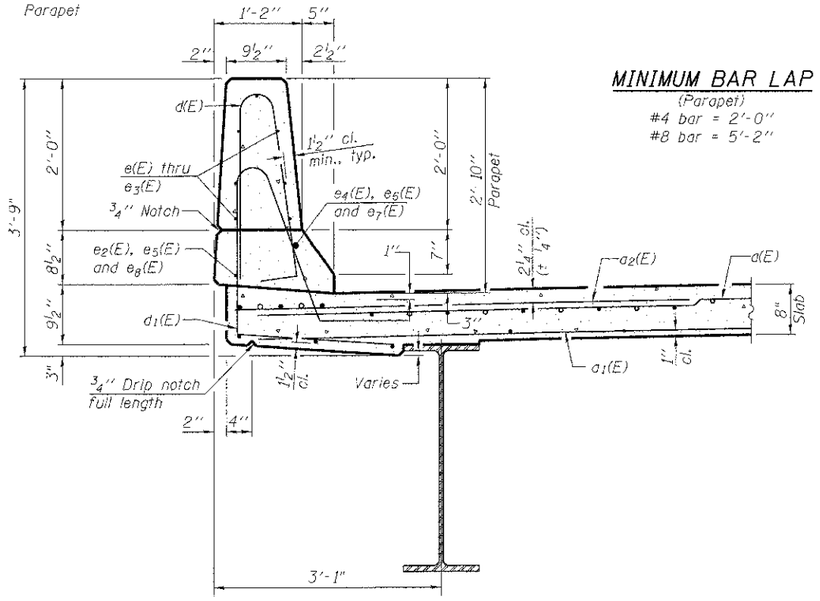


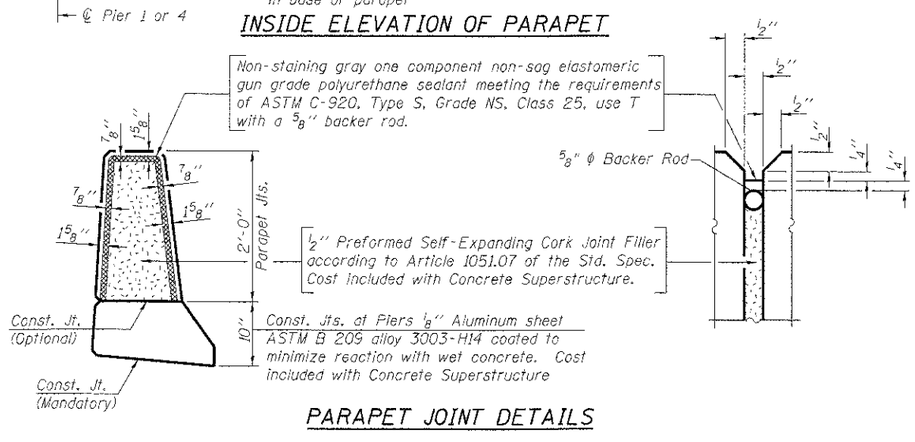
INSIDE ELEVATION OF PARAPET



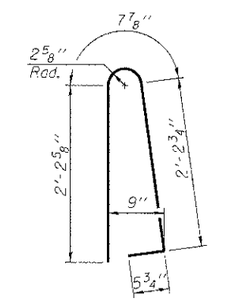
MINIMUM BAR LAP

(Parapet)
#4 bar = 2'-0"
#8 bar = 5'-2"

SECTION THRU PARAPET



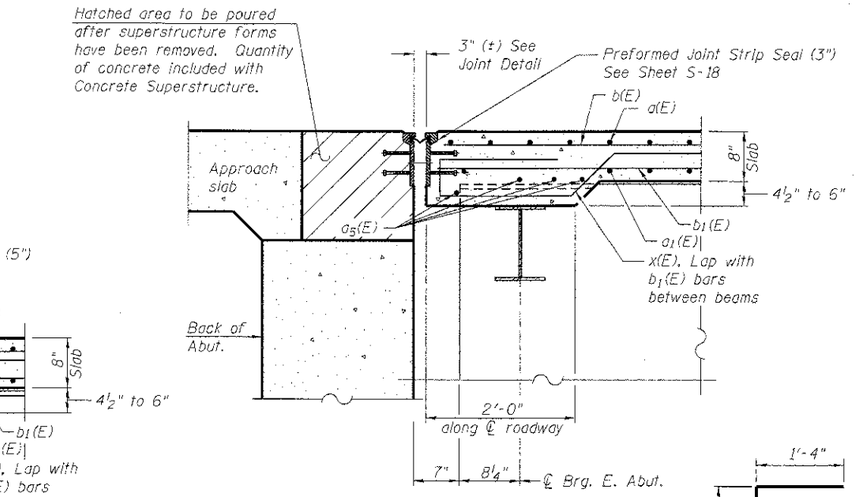
PARAPET JOINT DETAILS



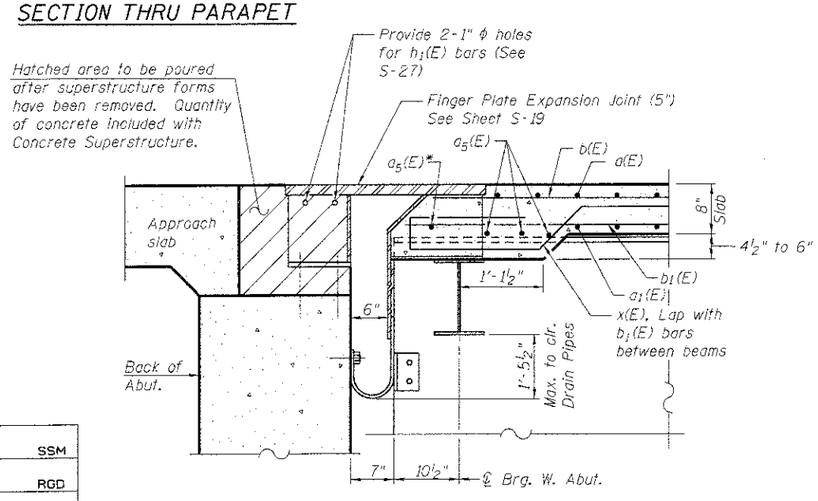
BAR d(E)

SUPERSTRUCTURE BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a (E)	1,429	#5	30'- 6"	
a1(E)	874	#5	29'- 10"	
a2(E)	2,856	#6	6'- 6"	
a3(E)	8	#5	30'- 6"	
a4(E)	64	#5	2'- 0"	
b (E)	748	#5	32'- 3"	
b1(E)	675	#5	28'- 8"	
b2(E)	186	#6	25'- 0"	
b3(E)	186	#6	25'- 11"	
d (E)	1,432	#5	5'- 7"	
d1(E)	1,432	#5	7'- 8"	
d2(E)	12	#6	4'- 5"	
d3(E)	20	#6	8'- 11"	
e (E)	29	#4	18'- 5"	
e1(E)	112	#4	18'- 4"	
e2(E)	112	#4	19'- 9"	
e3(E)	252	#4	16'- 11"	
e4(E)	12	#8	34'- 5"	
e5(E)	16	#4	24'- 9"	
e6(E)	16	#8	19'- 9"	
e7(E)	18	#8	37'- 9"	
e8(E)	24	#4	27'- 3"	
x(E)	42	#5	7'- 2"	
Concrete Superstructure			Cu. Yd.	686.7
Reinforcement Bars, Epoxy Coated			Pound	191,450
Bridge Deck Grooving			Sq. Yd.	1,901
Protective Coat			Sq. Yd.	2,596

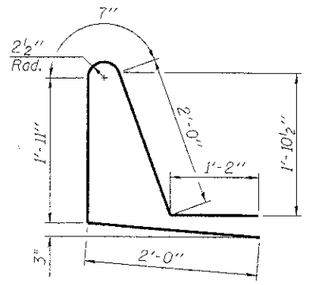


SECTION A-A EAST ABUTMENT

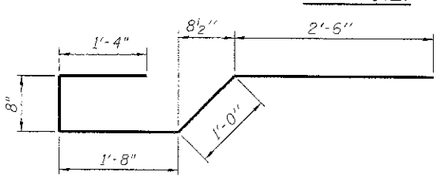


SECTION A-A WEST ABUTMENT

* Provide 1"ϕ Hole in all Stools for $a_5(E)$



BAR d1(E)



BAR x(E)

Bars indicated thus 1 x 7 -#8 etc. indicates 1 line of bars with 7 lengths per line.

SUPERSTUCTURE DETAILS
STRUCTURE NO. 056-3190

DESIGNED	SSM
CHECKED	RGD
DRAWN	WJH
CHECKED	RGD

FILE NAME: 090077-sddt1.dgn
PLOT STYLE: standard-truss.tbl
PEN TABLE:

HRGreen
HRGreen.com
Illinois Professional Design Firm # 184-001322

WB CHARLES J. MILLER ROAD BRIDGE — DATE: 7/23/12

SHEET NO. S-11	F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S-41 SHEETS	3860	09-00372-00-PW	McHENRY	252	134
			CONTRACT NO.	63633	
	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		