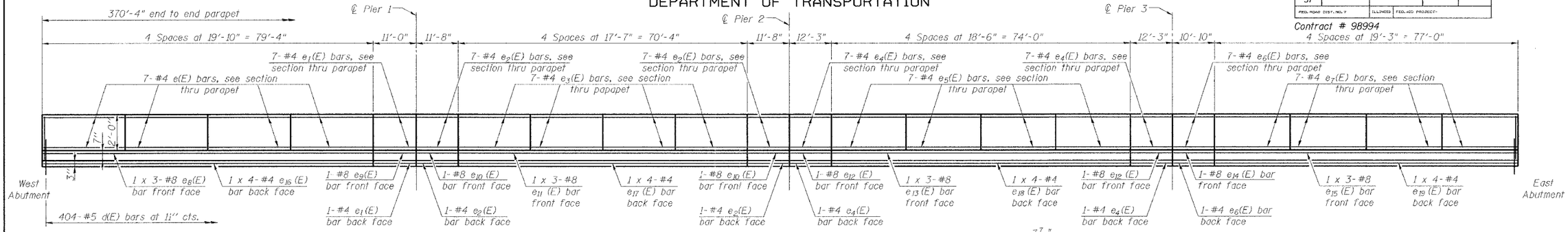
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 57	(X1-6-2)HBK	Williamson	272	145
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

SHEET NO. 10
33 SHEETS

Contract # 98994

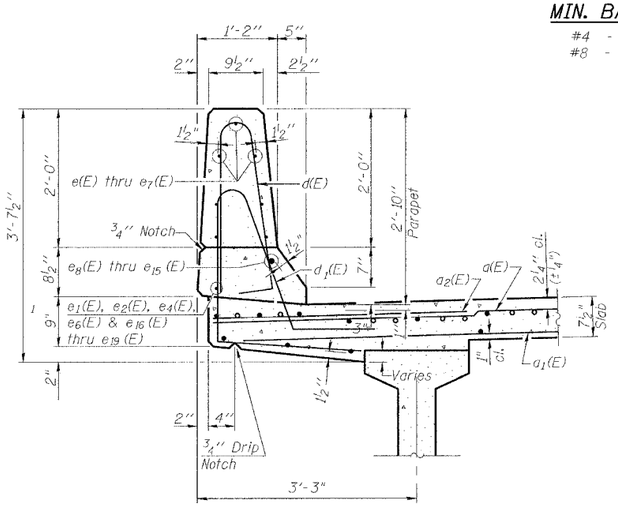
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



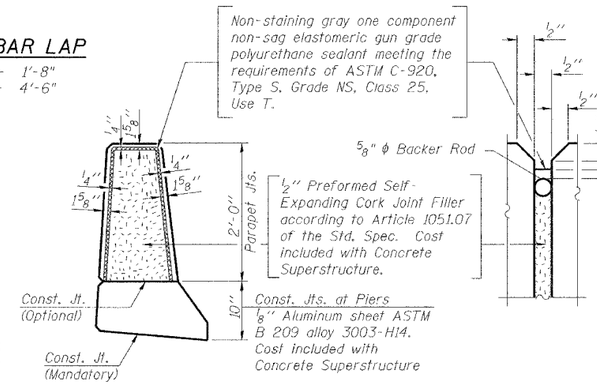
INSIDE ELEVATION OF PARAPET

MIN. BAR LAP

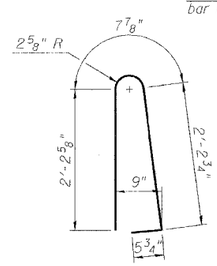
#4 - 1'-8"
#8 - 4'-6"



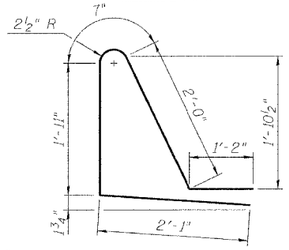
SECTION THRU PARAPET



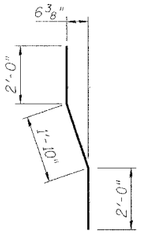
PARAPET JOINT DETAILS



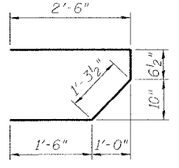
BAR d(E)



BAR d1(E)



BAR m6(E)

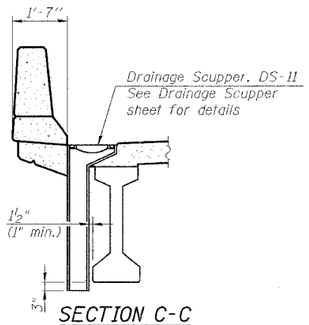


BAR s(E)

SUPERSTRUCTURE BILL OF MATERIAL

Bar	No.	Size	Length	Shape	Bar	No.	Size	Length	Shape
a(E)	594	#5	36'-11"	——	e12 (E)	4	#8	12'-0"	——
a1(E)	445	#5	36'-3"	——	e13 (E)	6	#8	27'-7"	——
a2(E)	297	#6	4'-6"	——	e14 (E)	2	#8	10'-7"	——
a3(E)	4	#5	39'-0"	——	e15 (E)	6	#8	28'-7"	——
a4(E)	16	#5	1'-6"	——	e16 (E)	4	#4	21'-1"	——
					e17 (E)	4	#4	18'-10"	——
b(E)	705	#5	26'-9"	——	e18 (E)	4	#4	19'-9"	——
b1(E)	76	#6	41'-4"	——	e19 (E)	4	#4	20'-6"	——
b2(E)	504	#5	28'-6"	——					
b3(E)	76	#6	38'-6"	——					
b4(E)	76	#6	41'-10"	——					
c(E)	371	#5	2'-5"	⌞					
c1(E)	373	#5	5'-8"	——	m(E)	4	#6	39'-0"	——
					m1(E)	6	#6	39'-0"	——
d(E)	404	#5	5'-7"	⌓	m2(E)	24	#6	9'-0"	——
d1(E)	404	#5	7'-9"	⌞	m3(E)	40	#6	4'-3"	——
d2(E)	371	#6	4'-9"	⌟	m4(E)	4	#6	2'-0"	——
d3(E)	371	#4	5'-9"	⌟	m5(E)	90	#4	5'-7"	——
d4(E)	76	#4	2'-6"	⊓	m6(E)	12	#8	5'-10"	——
e(E)	56	#4	19'-7"	——					
e1(E)	15	#4	10'-9"	——	s(E)	72	#5	5'-10"	⊐
e2(E)	30	#4	11'-5"	——	s1(E)	62	#4	12'-11"	⊐
e3(E)	56	#4	17'-4"	——	s2(E)	75	#4	12'-7"	⊔
e4(E)	30	#4	12'-0"	——					
e5(E)	56	#4	18'-3"	——	v(E)	76	#5	3'-11"	⌜
e6(E)	15	#4	10'-7"	——					
e7(E)	56	#4	19'-0"	——					
e8(E)	6	#8	29'-4"	——					
e9(E)	2	#8	10'-9"	——					
e10 (E)	4	#8	11'-5"	——	Reinforcement Bars. Epoxy Coated			Lbs.	112,850
e11 (E)	6	#8	26'-5"	——					
					Concrete Superstructure			Cu. Yds.	547.4

Reinforcement bars designated (E) shall be epoxy coated.

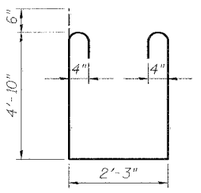


PLAN

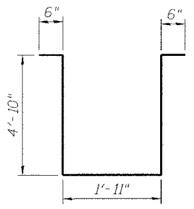
SECTION C-C

SCUPPER DETAILS

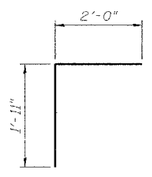
Note:
Cut longitudinal reinforcement to clear drainage scuppers.



BAR s1(E)



BAR s2(E)



BAR v(E)

THOUVENOT, WADE & MOERCHEN, INC.

DESIGNED	ALN
CHECKED	BWP
DRAWN	KBF
CHECKED	ALN/BWP

SUPERSTRUCTURE
MORGAN AVE. OVER I-57
FAI ROUTE 57 - SECTION (X1-6-2)HBK
WILLIAMSON COUNTY
STATION 34+69.21
STRUCTURE NO. 100-0092

3/19/2007 P:\040600\dgn\Bridge\S10_040600_SUPDTLS2.dgn