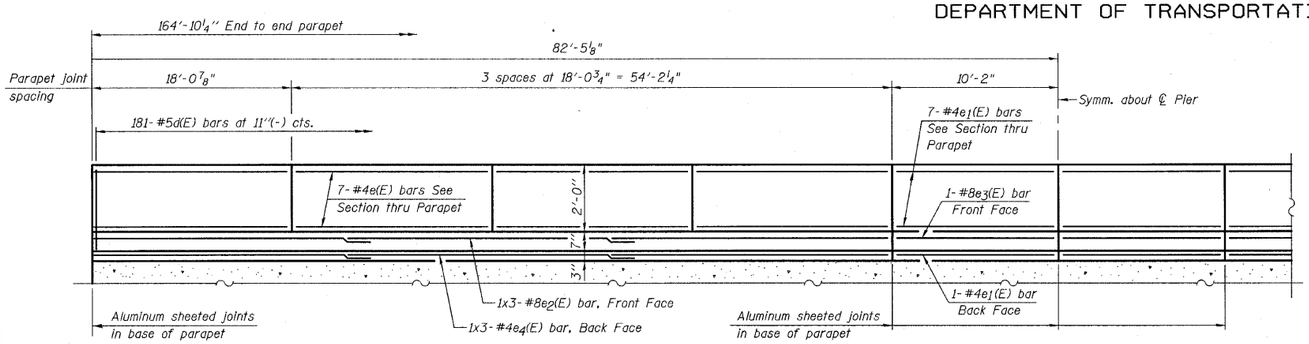
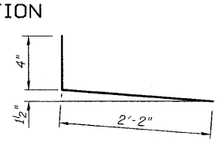
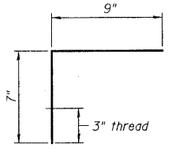
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



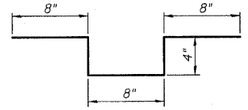
INSIDE ELEVATION OF PARAPET
(2 thus)



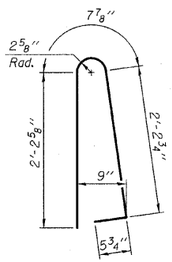
BAR a_{13}(E)



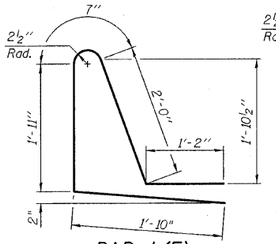
BAR c_2(E)



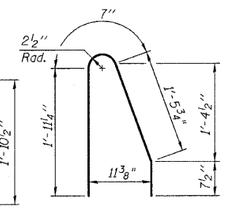
BAR c_4(E)



BAR d(E)



BAR d_1(E)



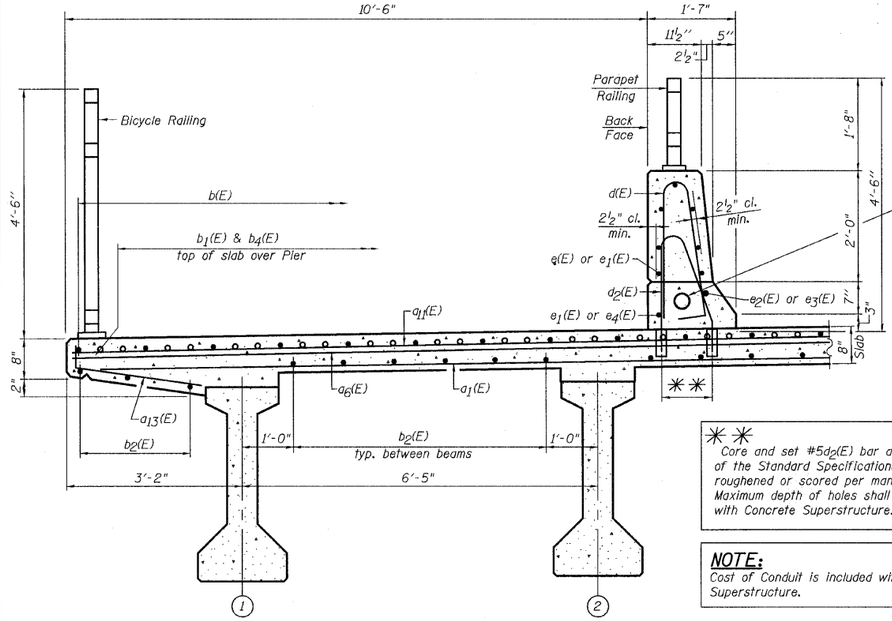
BAR d_2(E)

SUPERSTRUCTURE BILL OF MATERIAL

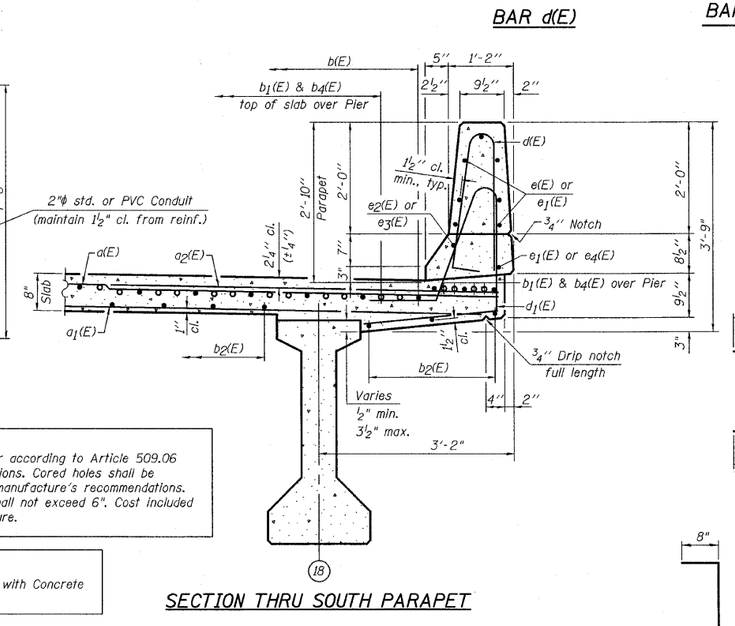
	Bar	No.	Size	Length	Shape
	d(E)	564	#5	26'-5"	——
	a_1(E)	396	#5	30'-1"	——
	a_2(E)	282	#6	6'-6"	——
	a_3(E)	198	#5	22'-10"	——
	a_4(E)	198	#5	24'-3"	——
	a_5(E)	198	#5	15'-4"	——
	a_6(E)	282	#5	26'-9"	——
	a_7(E)	282	#5	21'-9"	——
	a_8(E)	282	#5	21'-1"	——
	a_9(E)	8	#5	29'-11"	——
	a_{10}(E)	12	#5	26'-2"	——
	a_{11}(E)	282	#6	17'-2"	——
	a_{12}(E)	32	#5	1'-6"	——
	a_{13}(E)	198	#5	2'-6"	⌐
	b(E)	826	#6	26'-1"	——
	b_1(E)	234	#7	32'-6"	——
	b_2(E)	648	#5	29'-6"	——
	b_3(E)	72	#4	20'-0"	——
	b_4(E)	234	#7	22'-7"	——
	b_5(E)	78	#5	29'-8"	——
*	c_1(E)	83	#5	29'-1"	——
	c_2(E)	332	#5	1'-4"	⌐
*	c_3(E)	83	#5	24'-4"	——
	c_4(E)	756	#4	2'-10"	⌐¬
	d(E)	362	#5	5'-7"	⌐
	d_1(E)	181	#5	7'-6"	⌐
	d_2(E)	181	#5	4'-8"	⌐
	e(E)	112	#4	17'-8"	——
	e_1(E)	32	#4	9'-10"	——
	e_2(E)	12	#8	27'-5"	——
	e_3(E)	4	#8	9'-10"	——
	e_4(E)	12	#4	25'-4"	——
	m(E)	20	#6	30'-5"	——
	m_1(E)	72	#6	10'-8"	——
	m_2(E)	34	#6	4'-11"	——
	m_3(E)	4	#6	2'-3"	——
	m_4(E)	68	#4	6'-5"	——
	m_5(E)	18	#8	5'-10"	——
	m_6(E)	30	#6	26'-9"	——
	s(E)	250	#5	6'-10"	⊐
	s_1(E)	216	#4	11'-0"	⊔
	s_2(E)	102	#4	11'-4"	⊔
	v(E)	232	#5	3'-11"	⌐
	Reinforcement Bars, Epoxy Coated		Pound	177,350	
	Concrete Superstructure		Cu. Yd.	740	
	Bar Splicers (E)		Each	742	

Bars indicated thus 50x7-#5 etc. indicates 50 line of bars with 7 lengths per line.

*Cut in field to fit.



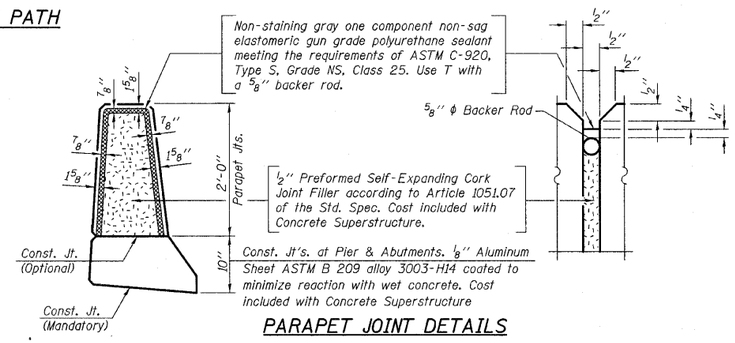
ENLARGED DETAIL AT BIKE PATH
(At North side of bridge)



SECTION THRU SOUTH PARAPET

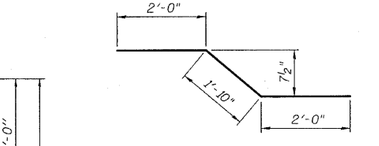
** Core and set #5d_2(E) bar according to Article 509.06 of the Standard Specifications. Cored holes shall be roughened or scored per manufacture's recommendations. Maximum depth of holes shall not exceed 6". Cost included with Concrete Superstructure.

NOTE:
Cost of Conduit is included with Concrete Superstructure.

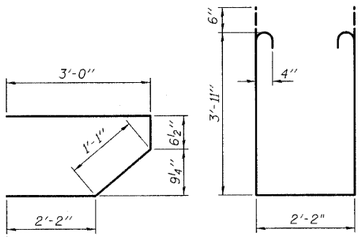


PARAPET JOINT DETAILS

MIN. BAR LAP:
#4 bar = 2'-0"
#8 bar = 5'-2"

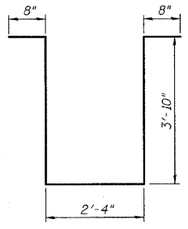


BAR m_5(E)

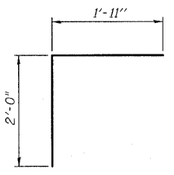


BAR s(E)

BAR s_1(E)



BAR s_2(E)



BAR v(E)

SUPERSTRUCTURE DETAILS
IL. ROUTE 56 OVER
WEST BRANCH DuPAGE RIVER
F.A.P. RTE. 365
SECTION (58&59) WRS-3
DuPAGE COUNTY
STA. 192+38.00
STRUCTURE NO. 022-2027

DESIGNED	-
CHECKED	-
DRAWN	-
CHECKED	-

CHRISTIAN-ROGE & ASSOCIATES, INC.
ENGINEERS-PLANNERS-SURVEYORS
211 WEST WACKER DRIVE
CHICAGO, ILLINOIS 60606
PHONE: (312)372-2023 FAX: (312)372-5274

SHEET NO. S17	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
S43 SHEETS	365	(58&59) WRS-3	DuPAGE	466	223
			CONTRACT NO. 62420		
		ILLINOIS	FED. AID PROJECT		