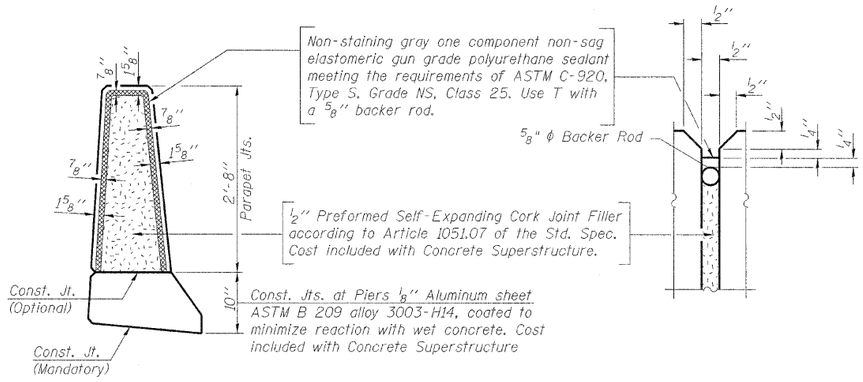
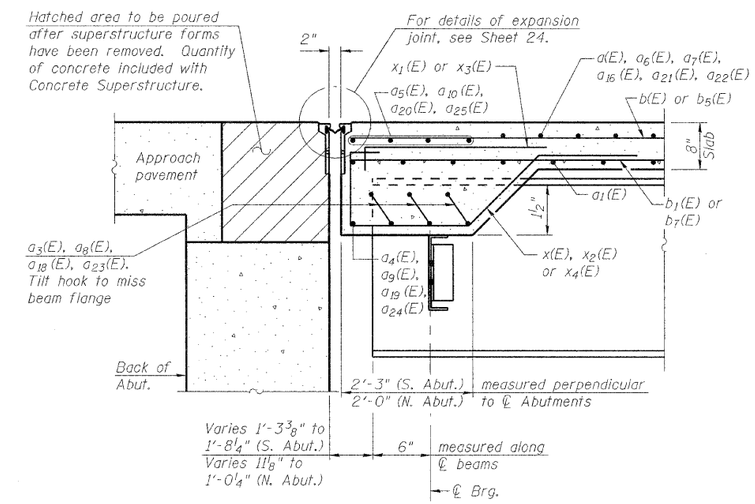
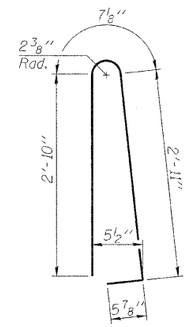
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



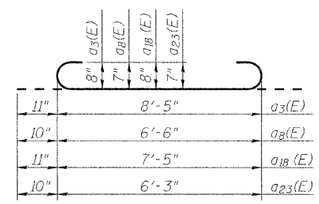
PARAPET JOINT DETAILS



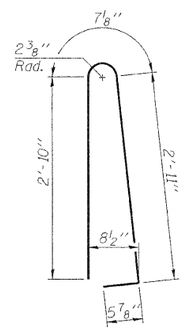
SECTION E-E



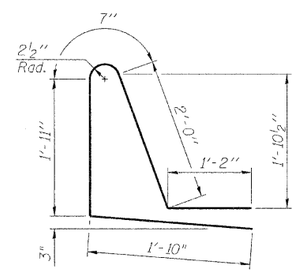
BAR d5(E)



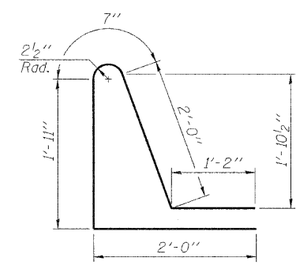
a3(E), a8(E), a18(E) or a23(E) BAR



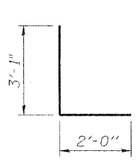
BAR d(E)



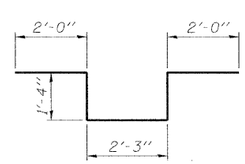
BAR d1(E)



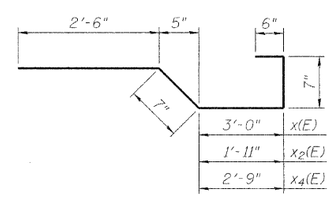
BAR d2(E)



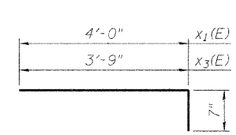
BAR d3(E)



BAR d4(E)



BAR x(E), x2(E), or x4(E)



BAR x1(E), or x3(E)

SUPERSTRUCTURE BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a(E)	913	#5	30'-4"	
a1(E)	1053	#5	21'-2"	
a2(E)	1956	#6	6'-6"	
a3(E)	27	#8	10'-3"	
a4(E)	3	#8	37'-8"	
a5(E)	12	#9	39'-7"	
a6(E)	126	#5	33'-7"	
a7(E)	68	#5	35'-3"	
a8(E)	27	#8	8'-2"	
a9(E)	2	#7	39'-10"	
a10(E)	8	#7	40'-6"	
a11(E)	16	#5	1'-6"	
a12(E)	125	#5	7'-6"	
a13(E)	80	#5	7'-0"	
a14(E)	67	#5	10'-0"	
a15(E)	44	#5	9'-6"	
a16(E)	867	#5	32'-10"	
a17(E)	1005	#5	22'-9"	
a18(E)	30	#8	9'-3"	
a19(E)	3	#8	35'-6"	
a20(E)	12	#9	37'-5"	
a21(E)	128	#5	44'-0"	
a22(E)	70	#5	47'-6"	
a23(E)	30	#7	7'-11"	
a24(E)	2	#7	39'-6"	
a25(E)	8	#7	39'-0"	
a26(E)	69	#5	11'-0"	
a27(E)	44	#5	10'-6"	
a28(E)	127	#5	8'-6"	
a29(E)	83	#5	8'-0"	
b(E)	558	#5	32'-11"	
b1(E)	118	#6	26'-6"	
b2(E)	510	#5	29'-10"	
b3(E)	59	#6	34'-7"	
b4(E)	59	#6	44'-10"	
b5(E)	594	#5	31'-1"	
b6(E)	65	#6	43'-4"	
b7(E)	560	#5	28'-3"	
b8(E)	65	#6	30'-7"	
b9(E)	65	#6	38'-0"	
d(E)	570	#5	6'-10"	
d1(E)	570	#5	7'-5"	
d2(E)	567	#5	7'-8"	
d3(E)	6	#6	5'-1"	
d4(E)	12	#6	8'-11"	
d5(E)	567	#5	6'-10"	
e(E)	28	#4	15'-8"	
e1(E)	16	#4	12'-2"	
e2(E)	21	#4	16'-1"	
e3(E)	32	#4	8'-5"	
e4(E)	21	#4	14'-6"	
e5(E)	16	#4	10'-11"	
e6(E)	21	#4	18'-5"	
e7(E)	2	#8	32'-7"	
e8(E)	2	#8	12'-2"	
e9(E)	2	#8	27'-1"	
e10(E)	4	#8	8'-5"	
e11(E)	2	#8	24'-9"	
e12(E)	2	#8	10'-11"	
e13(E)	2	#8	30'-8"	
e14(E)	2	#4	31'-0"	
e15(E)	2	#4	25'-6"	
e16(E)	2	#4	23'-2"	

Bar	No.	Size	Length	Shape
e17(E)	2	#4	29'-1"	
e18(E)	21	#4	17'-7"	
e19(E)	16	#4	11'-2"	
e20(E)	21	#4	14'-10"	
e22(E)	21	#4	13'-4"	
e22(E)	16	#4	11'-6"	
e23(E)	21	#4	17'-11"	
e24(E)	2	#8	29'-5"	
e25(E)	2	#8	11'-2"	
e26(E)	2	#8	25'-3"	
e27(E)	2	#8	22'-11"	
e28(E)	2	#8	11'-6"	
e29(E)	2	#8	29'-11"	
e30(E)	2	#4	27'-10"	
e31(E)	2	#4	23'-8"	
e32(E)	2	#4	21'-4"	
e33(E)	2	#4	28'-4"	
e34(E)	21	#4	18'-2"	
e35(E)	16	#4	11'-1"	
e36(E)	21	#4	14'-11"	
e37(E)	16	#4	7'-10"	
e38(E)	42	#4	13'-8"	
e39(E)	16	#4	10'-8"	
e40(E)	21	#4	17'-9"	
e41(E)	2	#8	30'-4"	
e42(E)	2	#8	11'-1"	
e43(E)	2	#8	25'-5"	
e44(E)	2	#8	7'-10"	
e45(E)	4	#8	23'-6"	
e46(E)	2	#8	10'-8"	
e47(E)	2	#8	29'-7"	
e48(E)	2	#4	28'-9"	
e49(E)	2	#4	23'-10"	
e50(E)	4	#4	21'-11"	
e51(E)	2	#4	28'-0"	
e52(E)	21	#4	16'-3"	
e53(E)	16	#4	10'-2"	
e54(E)	21	#4	14'-1"	
e55(E)	16	#4	7'-11"	
e56(E)	16	#4	8'-4"	
e57(E)	21	#4	18'-4"	
e58(E)	2	#8	27'-5"	
e59(E)	2	#8	10'-2"	
e60(E)	2	#8	24'-2"	
e61(E)	2	#8	7'-11"	
e62(E)	2	#8	8'-4"	
e63(E)	2	#8	30'-6"	
e64(E)	2	#4	25'-10"	
e65(E)	2	#4	22'-7"	
e66(E)	2	#4	28'-11"	
x(E)	56	#5	7'-2"	
x1(E)	117	#5	4'-7"	
x2(E)	117	#5	6'-1"	
x3(E)	117	#5	4'-4"	
x4(E)	61	#5	6'-11"	
Reinforcement Bars, Epoxy Coated			Pound	276,570
Concrete Superstructure			Cu. Yds.	972.1
Conduit Embedded in Structure 2" Dia., PVC			Foot	523

DESIGNED -	JY
CHECKED -	GSP
DRAWN -	MJB
CHECKED -	JY

SUPERSTRUCTURE DETAILS & BILL OF MATERIAL STRUCTURE NO. 101-0190

SHEET NO. 23	F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
61 SHEETS	*	1-HBR & 1-2HB-D	WINNEBAGO	216	78
	IL RTE 251 & FOREST HILLS RD		CONTRACT NO. 64B79		
	FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

* F.A.P. 303 & F.A.U. 5146

ENTRAN

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