SCHEDULE OF DRAINAGE STRUCTURES

STR NO.	LOCATION	STATION	OFFSET	RIM ELEV.	60200105 CB TA 4 DIA T1F OL (EA)	60200805 CB TA 4 DIA T8 F&G (EA)	60201310 CB TA 4 DIA T20 F&G (EA)	J1602010 CB TB (EA)	J1602115 CB G-2 TG-2 F&G (EA)		60218400 MAN TA 4 DIA T1F CL (EA)	J1602740 DRN STR TY 4 W2 T20 F&G (EA)	X0326337 DRAINAGE CONTROL STR (EA)	54213657 PRC FLR END SEC 12 (EA)	54213663 PRC FLR END SEC 18 (EA)	54213675 PRC FLR END SEC 30 (EA)	54215424 CIP RC END SEC 24 (EA)	54215436 CIP RC END SEC 36 (EA)	54215448 CIP RC END SEC 48 (EA)	54215454 CIP RC END SEC 54 (EA)	JT594015 SLOPED HW T III 15 (EA)	JT594018 SLOPED HW T III 18 (EA)	JT594024 SLOPED HW T III 24 (EA)	JT594030 SLOPED HW T III 30 (EA)	JI680020 HEADWALL TYPE III 36, 1:4 (EA)		CIP RC END SEC (CU YD)	50800205 REBAR (EPOXY) (LBS)	INVERT ELEVATIONS
61	IL 173	2042+72.36	55.7' RT	-												1													738.34S,
62	I-94	3979+23.19	67.0' RT	735.98				1																					731.24N, 731.24E (EXIST.),
63	I-94	3994+44.64	8.4' RT	739.30							1																		735.14NW, 735.14E (EXIST.),
64	I-94	3994+59.99	0.0' RT	739.00								1																	735.24SE,
65	RAMP B	158+75.00	11.0' RT	744.38					1																				739.56W,
66	RAMP B	158+75.00	31.4' RT	-																		1							739.36W,
67**	I-94	4081+03.35	129.1' RT	717.43																									713.54W (EXIST.),
68	I-94	4050+16.32	76.9' LT	720.10				1																					714.16NW, 714.16S (EXIST.),
69	I-94	3981+54.26	70.0' RT	736.20				1																					731.87S,
70	I-94	4073+75.24	51.5' RT	742.68				1																					738.22E,
71	I-94	4073+78.40	97.7' RT	-										1															737.76E,
72	RAMP A	57+81.23	108.5' LT	-															1										734.41N,
				TOTALS	4	6	3	6	1	0	6	1	1	11	3	2	2	4	1	3	5	1	1	2	2		23	1500	

*MAN TA, 4 DIA, T8G (60219000) = 1 EACH

**MAN TA, 5 DIA, T8G (60221700) = 1 EACH

SCHEDULE OF STORM SEWERS

PIPE NO.	FROM STR. NO.	TO STR. NO.	LENGTH (FEET)	DIAMETER (INCHES)	SLOPE (%)	550A0340 SS CL A TYPE 2, 12 (FOOT)	550A0360 SS CL A TYPE 2, 15 (FOOT)	550A0380 SS CL A TYPE 2, 18 (FOOT)	550A0410 SS CL A TYPE 2, 24 (FOOT)	550A0070 SS CL A TYPE 1, 15 (FOOT)	20800150 TRENCH BACKFILL (CU. YD.)
1	EX. PIPE	1	9.0	15	1.53%		9.0				0.3
2	2	62	47.9	15	0.28%		47.9				0.6
3	EX. PIPE	9	5.6	15	0.28%		5.6				0.0
4	EX. PIPE	BOX CULV	18.7	15	1.15%		18.7				0.0
5	EX. PIPE	11	5.4	15	3.42%		5.4				0.0
6	EX. PIPE	12	15.5	18	1.81%			15.5			0.0
7	68	15	120.4	24	1.04%				120.4		1.3
8	EX. PIPE	16	7.4	15	2.13%		7.4				0.0
9	EX. PIPE	17	5.2	15	1.11%		5.2				0.0
10	EX. CB	19	26.4	12	6.00%	26.4					0.5
11	29	28	16.0	12	1.00%	16.0					0.2
12	30	29	32.6	12	0.44%	32.6					2.9
13	31	30	117.2	12	0.44%	117.2					14.9
14	33	32	26.7	12	1.00%	26.7					0.5
15	34	33	33.0	12	0.44%	33.0					2.6
16	35	34	66.7	12	0.44%	66.7					7.2
17	37	36	25.3	12	1.00%	25.3					1.2
18	39	38	21.2	12	1.00%	21.2					0.5
19	40	39	47.5	12	0.44%	47.5					3.8
20	42	41	21.2	12	1.00%	21.2					0.5
21	44	43	23.9	12	1.00%	23.9					1.3
22	46	45	24.5	12	1.00%	24.5					0.6
23	47	46	37.6	12	0.44%	37.6					2.2
24	50	49	14.1	12	1.00%	14.1					0.0
25	51	50	45.8	12	0.44%	45.8					4.2
26	57	56	21.5	12	0.44%	21.5					0.6
27	58	57	33.1	12	0.44%	33.1					2.9
28	59	58	19.6	12	0.44%	19.6					2.6
29	65	66	13.1	15	1.00%		13.1				0.4
30	64	63	11.9	15	0.84%					11.9	0.0
31	70	71	38.7	12	1.00%	38.7					0.7
32	69	2	177.2	15	0.28%		177.2				0.0
*33	52	53	32.9	18	0.26%						4.5
					TOTALS	693	289	16	120	12	56.9

* SS CL A 1, 18" 550A0090

SCHEDULE OF PIPE CULVERTS

LOCATION	FROM STR. NO.	TO STR. NO.	LENGTH (FEET)	DIAMETER (INCHES)	SLOPE (%)	542A0223 P CUL CL A 1, 18 (FOOT)	542A1069 P CUL CL A 2, 24 (FOOT)	542A1075 P CUL CL A 2, 30 (FOOT)	542A1081 P CUL CL A 2, 36 (FOOT)	542A1093 P CUL CL A 2, 48 (FOOT)	542A1099 P CUL CL A 2, 54 (FOOT)	542A1915 P CUL CL A 3, 30 (FOOT)	542JA0364 P CUL CL A, 36 JKD (FOOT)	20800150 TRENCH BACKFILL (CU. YD.)
RAMP B	3	4	149.4	36	0.89%				149.4					92.7
SB I-94	5	6	190.7	36	0.62%				190.7					0.0
SB I-94	EXIST.	13	15.5	30	0.47%							15.5		0.0
NB I-94	EXIST.	14	4.0	30	0.47%							4.0		0.0
I-94	20	18	250.9	54	0.71%						250.9			0.0
SB I-94	EXIST.	21	22.2	24	1.02%		22.2							0.0
SB I-94	EXIST.	22	8.5	24	1.02%		8.5							0.0
SB I-94	EXIST.	23	18.8	36	0.28%				18.8					0.0
SB I-94	EXIST.	23	18.8	36	0.28%				18.8					0.0
SB I-94	EXIST.	24	12.3	36	0.28%				12.3					0.0
SB I-94	EXIST.	24	12.3	36	0.28%				12.3					0.0
NB I-94	EXIST.	25	41.7	54	0.73%						41.7			0.0
NB I-94	EXIST.	26	59.4	54	0.73%						59.4			17.8
NB I-94	EXIST.	27	26.7	48	0.64%					26.7				0.0
IL 173	48	72	359.7	36	0.27%								359.7	0.0
IL 173	54	55	15.3	18	2.80%	15.3								2.1
IL 173	61	60	109.9	30	0.24%			109.9						4.8
				TOTALS		15	31	110	402	27	352	20	360	117.3

PRECAST BOX CULVERT SCHEDULE (ASTM C 1577)

LOCATION	FROM STATION	OFFSET	INVERT ELEV.	TO STATION	OFFSET	INVERT ELEV.	LENGTH (FT)	SIZE SPAN (FT)	SIZE RISE (FT)	SKEW (DEG)	DESIGN FILL MIN. (FT)	DESIGN FILL MAX. (FT)	PGE BACKFILL (CU YD)
I-94	3992+36.38	100.1' RT	732.32	3994+48.76	96.3' RT	732.94	212.5	7	4	0	4.9	7.0	0.0

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Chicago, Illinois
312.228.0100
www.bbandainc.com

FILE NAME = $FILES$	USER NAME = default	DESIGNED - JAM	REVISED 07/17/2012
		DRAWN - JAM	REVISED -
	PLOT SCALE = Hal'=10' Val'=5'	CHECKED - RGR	REVISED -
	PLOT DATE = 7/17/2012	DATE - 6/19/2012	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE SCHEDULES

SCALE: | SHEET NO. 2 OF 3 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	49-1-R-1	LAKE	677	216
		CONTRACT NO. 60L77		
	ILLINOIS FED. AID PROJECT			

S:\11811\05_CAD\1682L77 IL 173\682L77 Sheets\1682L77-ant-schedule_drainage.dgn