

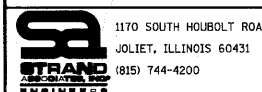
DRAINAGE STRUCTURE SCHEDULE									
STRUCTURE	STRUCTURE TYPE	STATION	OFFSET	RIM ELEV	INV (N)	INV (S)	INV (W)	INV (E)	FRAME & GRATE/LID
S-00	RESTRICTED DEPTH MANHOLES, 6'-DIAMETER	11+24.4 M	RT 14.19	709.55		702.22		702.22	TYPE 24 F&G
S-01	CATCH BASINS, SPECIAL	11+18.3 M	RT 27.34	708.75	702.40	702.31			SPECIAL F&L
S-02	RESTRICTED DEPTH MANHOLES, 6'-DIAMETER	85+27.3	RT 94.58	708.67	702.74	702.74	703.88		TYPE 1 F, CLID
S-03	RESTRICTED DEPTH CATCH BASINS, 4'-DIAMETER	85+42.4	RT 59.74	710.83	707.21	706.57	705.00	704.42	TYPE 24 F&G
S-04	INLETS, TYPE A	85+49.8	RT 66.09	710.88		707.31			TYPE 24 F&G
S-05	RESTRICTED DEPTH MANHOLES, 4'-DIAMETER	85+57.7	RT 45.23	711.25	707.51			705.22	TYPE 24 F&G
S-06	INLETS, TYPE A	85+66.1	RT 51.91	711.33		707.61			TYPE 24 F&G
S-07	INLETS, TYPE A	85+01.1	RT 24.60	710.73	707.11				TYPE 24 F&G
S-08	RESTRICTED DEPTH CATCH BASINS, 6'-DIAMETER	83+44.0	RT 17.00	709.87	704.04		704.04	704.67	TYPE 24 F&G
S-09	INLETS, TYPE A	83+38.0	RT 33.82	707.00	704.76				TYPE 8 G
S-10	CATCH BASINS, TYPE C	9+32.7 M	RT 48.62	711.55		708.35			TYPE 24 F&G
S-11	CATCH BASINS, TYPE C	8+77.2 M	RT 19.12	711.82		708.97			TYPE 24 F&G
S-12	RESTRICTED DEPTH CATCH BASINS, 4'-DIAMETER	9+11.2 M	LT 49.88	711.96	706.43			706.43	TYPE 24 F&G
S-13	INLETS, TYPE A	9+21.1 M	LT 52.77	712.01			706.53		TYPE 24 F&G
S-14	RESTRICTED DEPTH CATCH BASINS, 5'-DIAMETER	87+25.0	RT 43.11	710.56			703.46	703.46	TYPE 24 F&G
S-15	RESTRICTED DEPTH MANHOLES, 5'-DIAMETER	87+25.0	LT 18.79	710.92			703.92	703.92	TYPE 24 F&G
S-16	RESTRICTED DEPTH CATCH BASINS, 4'-DIAMETER	88+60.0	RT 17.00	709.92	706.92		706.92		TYPE 24 F&G
S-17	INLETS, TYPE A	88+75.0	RT 10.00	709.92		707.07			TYPE 24 F&G
S-18	CATCH BASINS, TYPE C	91+35.4	LT 28.20	710.23					SALVAGED GRATE
S-19	RESTRICTED DEPTH CATCH BASINS, 4'-DIAMETER	110+34.3	RT 15.94	733.73				730.84	TYPE 24 F&G
S-20	RESTRICTED DEPTH CATCH BASINS, 4'-DIAMETER	113+33.6	LT 21.54	734.49			731.84		TYPE 24 F&G
S-21	RESTRICTED DEPTH CATCH BASINS, 4'-DIAMETER	115+50.0	LT 18.90	732.32				729.03	TYPE 24 F&G
S-22	RESTRICTED DEPTH MANHOLES, 4'-DIAMETER	115+50.0	RT 25.35	732.28		729.24	729.24		TYPE 24 F&G
S-23	RESTRICTED DEPTH CATCH BASINS, 4'-DIAMETER	113+32.7	RT 39.82	734.09	730.20	730.20			TYPE 24 F&G
S-24	RESTRICTED DEPTH MANHOLES, 4'-DIAMETER	112+89.8	RT 29.36	734.85	730.41			730.41	TYPE 24 F&G
S-25	INLETS, TYPE A	112+83.5	RT 36.98	734.72	730.46				TYPE 24 F&G
S-26	RESTRICTED DEPTH CATCH BASINS, 4'-DIAMETER	116+39.1	RT 23.26	731.59	729.02			729.02	TYPE 24 F&G
S-27	RESTRICTED DEPTH CATCH BASINS, 4'-DIAMETER	10+85.9 W	RT 39.30	734.82	730.74			730.74	TYPE 24 F&G
S-28	INLETS, TYPE A	10+86.3 W	LT 20.79	734.34		731.26			TYPE 24 F&G
S-29	INLETS, TYPE A	82+68.0	RT 17.00	709.45				707.09	TYPE 24 F&G
S-30	CATCH BASINS, TYPE C	84+38.7	LT 39.64	710.53			706.46		TYPE 24 F&G
S-31	CATCH BASINS, TYPE C	109+44.7	RT 17.00	732.50				729.56	TYPE 24 F&G
S-32	INLETS, TYPE A	111+06.0	LT 29.32	734.93			731.78		TYPE 24 F&G
S-33	CATCH BASINS, TYPE C	11+24.4 M	LT 14.19	709.62	702.86				TYPE 24 F&G
S-34	INLETS, TYPE A	12+71.9 W	LT 17.72	731.93	729.29				TYPE 24 F&G

STORM SEWER PIPE SCHEDULE								
PIPE NO.	FROM	TO	LENGTH (FT)	DIA (IN)	PIPE TYPE	SLOPE (%)	TBF (CY)	
P-00	S-00	ES-23	100	24" x 38"	SPECIAL 30"	0.66%	86.8	
P-01	S-01	S-00	14	24" x 38"	SPECIAL 30"	0.66%	-	
P-02	S-02	S-01	51	24" x 38"	SPECIAL 30"	0.66%	-	
P-03	S-03	S-02	37	12"	CLASS A, TYPE 1	1.46%	12.7	
P-04	S-04	S-03	10	12"	CLASS A, TYPE 1	1.00%	1.6	
P-05	S-05	S-03	24	12"	CLASS A, TYPE 1	1.00%	11.7	
P-06	S-06	S-05	10	12"	CLASS A, TYPE 1	1.00%	1.8	
P-07	S-07	S-03	54	12"	CLASS A, TYPE 1	1.00%	11.8	
P-08	S-08	S-02	199	24" x 38"	SPECIAL 30"	0.66%	36.4	
P-09	S-09	S-08	18	12"	CLASS A, TYPE 1	0.50%	-	
P-10	ES-01	S-08	76	24" x 38"	SPECIAL 30"	1.04%	32.1	
P-11	S-10	ES-02	29	12"	CLASS A, TYPE 1	1.00%	3.6	
P-12	S-11	ES-20	31	12"	CLASS A, TYPE 1	1.00%	6.6	
P-13	S-12	ES-21	38	12"	CLASS A, TYPE 1	1.00%	8.4	
P-14	S-13	S-12	10	12"	CLASS A, TYPE 1	1.00%	4.5	
P-15	S-14	ES-22	61	42"	CLASS A, TYPE 1	0.69%	25.7	
P-16	S-15	S-14	64	42"	CLASS A, TYPE 1	0.72%	27.9	
P-17	ES-03	S-15	41	42"	CLASS A, TYPE 1	0.72%	20.9	
P-18	S-16	ES-04	10	12"	CLASS A, TYPE 1	1.00%	-	
P-19	S-17	S-16	15	12"	CLASS A, TYPE 1	1.00%	0.9	
P-20	S-19	ES-09	18	12"	CLASS A, TYPE 1	1.00%	3.0	
P-21	S-20	ES-10	25	12"	CLASS A, TYPE 1	1.00%	6.2	
P-22	S-21	ES-11	12	15"	CLASS A, TYPE 1	0.33%	-	
P-23	S-22	S-21	46	12"	CLASS A, TYPE 1	0.46%	5.3	
P-24	S-23	S-22	217	12"	CLASS A, TYPE 1	0.44%	33.7	
P-25	S-24	S-23	46	12"	CLASS A, TYPE 1	0.44%	11.2	
P-26	S-25	S-24	10	12"	CLASS A, TYPE 1	0.50%	2.8	
P-27	S-26	ES-13	34	12"	CLASS A, TYPE 1	0.45%	3.4	
P-28	ES-12	S-26	6	12"	CLASS A, TYPE 1	1.00%	-	
P-29	S-27	ES-24	58	12"	CLASS A, TYPE 1	1.00%	21.7	
P-30	S-28	S-27	62	12"	CLASS A, TYPE 1	1.00%	10.0	
P-31	S-29	ES-27	7	12"	CLASS A, TYPE 1	1.00%	9.6	
P-32	S-30	ES-28	22	12"	CLASS A, TYPE 1	1.00%	-	
P-33	S-31	ES-29	8	12"	CLASS A, TYPE 1	1.00%	4.0	
P-34	S-32	ES-30	17	12"	CLASS A, TYPE 1	1.00%	-	
P-35	S-33	ES-31	13	12"	CLASS A, TYPE 1	1.00%	2.7	
P-36	S-34	ES-32	7	12"	CLASS A, TYPE 1	0.97%	-	

END SECTION SCHEDULE						
END SECTION NO.	Size	TYPE	STATION	OFFSET	INV	CULVERT/STORM SEWER PIPES
ES-01	EQUIVALENT ROUND SIZE 30"	PRECAST REINFORCED CONCRETE FLARED END SECTIONS	83+44.0	LT 57.86	704.83	P-10
ES-02	12"	END SECTIONS	9+02.2 M	RT 70.14	708.00	P-11
ES-03	42"	PRECAST REINFORCED CONCRETE FLARED END SECTIONS	87+25.0	LT 67.22	704.25	P-17
ES-04	12"	END SECTIONS	88+60.0	LT 34.16	706.76	P-18
ES-05	15"	END SECTIONS	102+80.6	LT 32.60	718.87	C-01
ES-06	15"	END SECTIONS	103+16.6	LT 32.60	719.31	C-01
ES-07	15"	STEEL END SECTIONS	105+29.7	LT 34.12	721.90	C-02
ES-08	15"	STEEL END SECTIONS	105+57.7	LT 33.67	722.24	C-02
ES-09	12"	END SECTIONS	110+23.4	RT 38.5	730.60	P-20
ES-10	12"	END SECTIONS	113+48.1	LT 50.18	731.50	P-21
ES-11	15"	END SECTIONS	115+50.0	LT 37.61	728.72	P-22
ES-12	12"	END SECTIONS	116+36.1	RT 36.2	729.14	P-28
ES-13	12"	END SECTIONS	116+76.2	LT 33.71	728.85	P-27
ES-14	EQUIVALENT ROUND SIZE 18"	PRECAST REINFORCED CONCRETE FLARED END SECTIONS	117+44.7	LT 31.89	727.65	C-03
ES-15	EQUIVALENT ROUND SIZE 18"	PRECAST REINFORCED CONCRETE FLARED END SECTIONS	117+44.7	RT 34.92	727.86	C-03
ES-16	EQUIVALENT ROUND SIZE 18"	PRECAST REINFORCED CONCRETE FLARED END SECTIONS	117+49.3	LT 31.89	727.65	C-04
ES-17	EQUIVALENT ROUND SIZE 18"	PRECAST REINFORCED CONCRETE FLARED END SECTIONS	117+49.3	RT 34.92	727.86	C-04
ES-18	15"	STEEL END SECTIONS	6+84.5 M	RT 30.95	713.35	C-05
ES-19	15"	STEEL END SECTIONS	7+60.5 M	RT 32.39	711.06	C-05
ES-20	12"	END SECTIONS	8+71.7 M	RT 56.00	708.60	P-12
ES-21	12"	END SECTIONS	8+99.5 M	LT 93.02	706.00	P-13
ES-22	42"	PRECAST REINFORCED CONCRETE FLARED END SECTIONS	87+00.0	RT 99.96	703.04	P-15
ES-23	EQUIVALENT ROUND SIZE 30"	PRECAST REINFORCED CONCRETE FLARED END SECTIONS	12+25.0 M	RT 16.17	701.56	P-00
ES-24	12"	END SECTIONS	11+50.0 W	RT 48.56	730.10	P-29
ES-25	15"	STEEL END SECTIONS	13+15.2 W	RT 33.73	727.68	C-06
ES-26	15"	STEEL END SECTIONS	13+47.6 W	RT 34.22	727.31	C-06
ES-27	12"	END SECTIONS	82+68.0	RT 29.74	706.96	P-31
ES-28	12"	END SECTIONS	84+27.0	LT 66.32	706.18	P-32
ES-29	12"	END SECTIONS	109+44.6	RT 36.83	729.42	P-33
ES-30	12"	END SECTIONS	110+96.2	LT 50.70	731.55	P-34
ES-31	12"	END SECTIONS	11+31.7 M	LT 34.14	702.67	P-35
ES-32	12"	END SECTIONS	12+71.3 W	LT 31.94	726.16	P-36

PIPE CULVERT SCHEDULE								
CULVERT NO.	FROM	TO	LENGTH (FT)	DIA (IN)	PIPE TYPE	SLOPE (%)	SKEW ANGLE	TBF (CY)
C-01	ES-06	ES-05	24	15"	CLASS A, TYPE 1	1.21%	-	0.5
C-02	ES-08	ES-07	24	15"	CLASS D, TYPE 1	1.21%	-	0.9
C-03	ES-15	ES-14	56	14"x23"	CLASS A, TYPE 1 EQUIVALENT ROUND SIZE 18"	0.30%	90 DEGREES	4.1
C-04	ES-17	ES-16	56	14"x23"	CLASS A, TYPE 1 EQUIVALENT ROUND SIZE 18"	0.30%	90 DEGREES	4.1
C-05	ES-19	ES-18	72	15"	CLASS D, TYPE 1	3.02%	-	0.6
C-06	ES-26	ES-25	28	15"	CLASS D, TYPE 1	1.16%	-	1.1

FILE NAME = SA\JUL1980-1995\1992\002\Wacoa\Plan Sheets\Drainage\Schedule.dgn



USER NAME = marcg	DESIGNED -	REVISED -
PLOT SCALE = 20,0000' / IN.	DRAWN -	REVISED -
PLOT DATE = 4/2/2010	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE SCHEDULES

SCALE: N.T.S. SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE. 2661	SECTION 02-00076-13-CH	COUNTY LAKE	TOTAL SHEETS 177	SHEET NO. 66
CONTRACT NO. 63457				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				