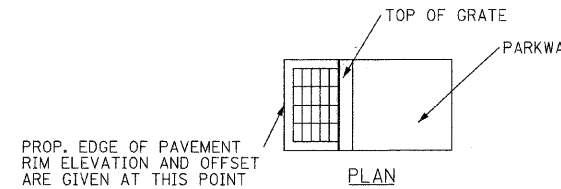
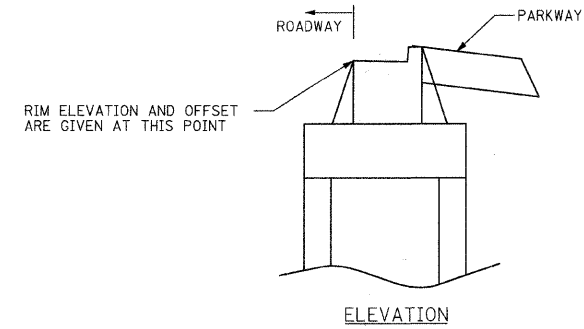


STORM SEWER SCHEDULE							
PIPE NO.	FROM	TO	LENGTH (FT)	DIA. (IN)	TYPE	SLOPE (%)	TRENCH BACKFILL (CU YD)
1A	1-1	1-2	17	12	STORM SEW WM REQ 12	0.44	1.94
1B	1-3	1-2	18	12	SS 2 RCP CL III 12	2.00	4.39
1C	1-2	1-5	96	12	SS 2 RCP CL III 12	1.61	33.67
1D	1-4	1-5	14	12	STORM SEW WM REQ 12	0.44	6.19
1E	1-6	1-5	14	12	SS 2 RCP CL III 12	2.00	3.30
1F	1-5	1-8	44	12	SS 2 RCP CL III 12	0.52	19.64
1G	1-7	1-8	24	12	STORM SEW WM REQ 12	0.44	8.80
1H	1-8	1-12	47	15	SS 2 RCP CL III 15	0.51	21.18
1I	1-9	1-11	6	12	STORM SEW WM REQ 12	2.00	1.37
1J	1-10	1-13	6	12	SS 2 RCP CL III 12	2.00	1.37
1K	1-11	1-12	14	15	STORM SEW WM REQ 15	0.29	6.73
1L	1-13	1-12	14	15	SS 2 RCP CL III 15	2.57	3.93
1M	1-12	1-15	114	15	SS 2 RCP CL III 15	0.49	67.65
1N	1-14	1-15	14	12	STORM SEW WM REQ 12	0.44	2.89
1O	1-16	1-15	14	12	SS 2 RCP CL III 12	2.57	4.19
1P	1-15	1-18	261	18	STORM SEW WM REQ 18	0.50	206.98
1Q	1-17	1-18	14	12	STORM SEW WM REQ 12	0.44	4.18
1R	1-19	1-18	14	12	SS 2 RCP CL III 12	2.57	5.53
1S	1-18	1-21	107	18	SS 2 RCP CL III 18	1.81	81.91
1T	1-20	1-21	14	12	STORM SEW WM REQ 12	0.44	2.80
1U	1-22	1-21	14	12	SS 2 RCP CL III 12	2.57	6.06
1V	1-21	1-24	96	18	SS 2 RCP CL III 18	3.50	59.32
1W	1-23	1-24	14	12	STORM SEW WM REQ 12	0.44	5.79
1X	1-25	1-24	14	12	SS 2 RCP CL III 12	2.57	5.57
1Y	1-24	1-29	107	18	STORM SEW WM REQ 18	2.50	56.77
1Z	1-26	1-27	45	24	SS 2 RCP CL III 24	2.00	26.84
1AA	1-28	1-29	14	12	STORM SEW WM REQ 12	0.44	4.31
1AB	1-30	1-29	14	12	SS 2 RCP CL III 12	2.57	4.40
1AC	1-27	1-31	68	24	SS 2 RCP CL III 24	2.00	40.41
1AD	1-31	1-32	97	24	SS 1 RCP CL IV 24	2.49	21.14
1AE	1-29	1-34	196	18	STORM SEW WM REQ 18	2.51	90.93
1AF	1-33	1-34	14	12	STORM SEW WM REQ 12	2.00	5.24
1AG	1-35	1-34	18	12	SS 2 RCP CL III 12	2.00	6.66
1AH	1-34	1-37	134	18	STORM SEW WM REQ 18	2.65	68.86
1AI	1-36	1-37	37	12	STORM SEW WM REQ 12	0.44	15.81
1AJ	1-38	1-37	18	12	SS 2 RCP CL III 12	2.00	8.13
1AK	1-37	1-40	137	18	STORM SEW WM REQ 18	2.18	72.20
1AL	1-39	1-40	18	12	SS 2 RCP CL III 12	2.00	5.94
1AM	1-41	1-40	16	12	SS 2 RCP CL III 12	2.25	5.28
1AN	1-40	2-2	136	18	STORM SEW WM REQ 18	2.00	59.11
2A	2-1	2-2	14	12	SS 2 RCP CL III 12	2.57	3.36
2B	2-3	2-2	14	12	SS 2 RCP CL III 12	2.57	3.36
2C	2-2	2-5	94	24	SS 2 RCP CL III 24	1.23	43.57
2D	2-4	2-5	14	12	SS 2 RCP CL III 12	2.57	3.36
2E	2-6	2-5	14	12	SS 2 RCP CL III 12	2.57	3.36
2F	2-5	2-8	113	24	STORM SEW WM REQ 24	1.16	47.61
2G	2-7	2-8	14	12	SS 2 RCP CL III 12	2.57	3.35
2H	2-9	2-8	14	12	SS 2 RCP CL III 12	2.57	3.35
2I	2-8	2-11	96	24	SS 2 RCP CL III 24	0.56	44.04
2J	2-10	2-11	14	12	SS 2 RCP CL III 12	2.57	3.35
2K	2-12	2-11	14	12	SS 2 RCP CL III 12	2.57	3.35
2L	2-11	2-14	96	24	SS 2 RCP CL III 24	0.50	44.96
2M	2-13	2-14	14	12	SS 2 RCP CL III 12	2.57	3.35
2N	2-15	2-14	14	12	SS 2 RCP CL III 12	2.57	3.35
2O	2-14	2-17	96	24	SS 2 RCP CL III 24	0.32	41.53
2P	2-16	2-17	14	12	SS 2 RCP CL III 12	2.57	3.61
2Q	2-18	2-17	14	12	SS 2 RCP CL III 12	2.57	3.61
2R	2-17	2-20	86	24	SS 2 RCP CL III 24	0.50	36.25
2S	2-19	2-20	14	12	SS 2 RCP CL III 12	2.57	3.91
2T	2-21	2-20	14	12	SS 2 RCP CL III 12	2.57	3.91
2U	2-20	2-23	106	30	SS 2 RCP CL III 30	0.50	53.16
2V	2-22	2-23	14	12	SS 2 RCP CL III 12	2.57	4.28
2W	2-24	2-23	14	12	SS 2 RCP CL III 12	2.57	4.28
2X	2-23	2-26	96	30	STORM SEW WM REQ 30	0.50	49.19
2Y	2-25	2-26	14	12	SS 2 RCP CL III 12	2.00	4.56
2Z	2-27	2-26	14	12	SS 2 RCP CL III 12	2.00	4.56
2AA	2-26	2-29	96	36	STORM SEW WM REQ 36	0.50	79.40
2AB	2-28	2-29	15	12	STORM SEW WM REQ 12	0.44	2.74
2AC	2-30	2-29	14	18	SS 2 RCP CL III 18	1.07	8.03
2AD	2-31	2-30	19	15	SS 2 RCP CL III 15	1.58	10.09
2AE	2-29	2-35	85	42	STORM SEW WM REQ 42	0.16	71.70
2AF	2-32	2-34	7	12	SS 1 RCP CL IV 12	2.00	0.60
2AG	2-33	2-36	7	12	SS 2 RCP CL III 12	2.00	1.46
2AH	2-34	2-35	26	15	STORM SEW WM REQ 15	0.36	3.78
2AI	2-36	2-35	18	24	SS 1 RCP CL IV 24	0.17	3.76
2AI-2	2-36A	2-36	6	12	SS 1 RCP CL IV 12	2.00	1.60
2AJ	2-35	2-37	52	42	STORM SEW WM REQ 42	0.10	45.09
2AK	2-37	2-38	71	42	SS 2 RCP CL III 42	0.11	67.96
3A	3-1	3-2	35	12	STORM SEW WM REQ 12	0.46	0.00
3B	3-3	3-2	3	12	STORM SEW WM REQ 12	2.00	0.00
3C	3-2	3-6	43	18	STORM SEW WM REQ 18	1.07	4.69
3D	3-4	3-5	27	12	STORM SEW WM REQ 12	2.00	5.08
3E	3-5	3-6	4	15	STORM SEW WM REQ 15	2.00	0.81
3F	3-6	3-10	145	24	STORM SEW WM REQ 24	0.17	8.14
3G	3-8	3-7	25	23 x 14	SS 1 RCEP S23 R14	0.40	5.03
3H	3-9	3-10	6	12	STORM SEW WM REQ 12	2.04	1.51
3I	3-10	2-37	92	24	STORM SEW WM REQ 24	0.17	38.62
3J	3-11	2-36	57	24	STORM SEW WM REQ 24	0.49	12.47
3K	3-12	3-11	4	12	SS 2 RCP CL III 12	1.50	0.00
3L	4-1	3-11	93	24	STORM SEW WM REQ 24	0.49	28.54
4A	4-3	4-1	147	15	SS 2 RCP CL III 15	0.76	38.59
4B	4-5	4-2	60	15	SS 1 RCP CL IV 15	1.30	11.58
4C	4-4	4-3	7	12	SS 2 RCP CL III 12	4.29	0.00
4D	4-7	4-6	48	15	SS 1 RCP CL IV 15	2.40	9.27
4E	4-8	4-3	146	12	SS 2 RCP CL III 12	0.45	45.86
4F	4-9	4-8	7	12	SS 2 RCP CL III 12	4.29	0.00

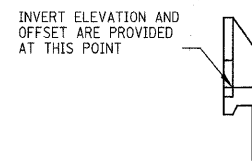
STORM SEWER SCHEDULE							
PIPE NO.	FROM	TO	LENGTH (FT)	DIA. (IN)	TYPE	SLOPE (%)	TRENCH BACKFILL (CU YD)
4G	4-10	4-8	196	12	SS 2 RCP CL III 12	0.45	71.65
4H	4-11	4-10	7	12	SS 2 RCP CL III 12	4.29	0.00
5A	2-38	5-1	70	48	SS 2 RCP CL III 48	0.73	0.00
5B	5-1	5-2	304	48	SS 2 RCP CL III 48	0.07	0.00
5C	5-2	5-3	431	60 X 38	SS 1 RCEP S60 R38	0.07	29.64
5D	5-3	5-4	16	60 X 38	SS 1 RCEP S60 R38	0.12	0.00
TOTAL							2091.65

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0125	96-00091-00-FP	MCHENRY	73	13
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
CONTRACT #63123				



DRAINAGE STRUCTURE LAYOUT DETAIL
*AS NOTED IN GENERAL NOTES

*OFFSETS FOR THE DRAINAGE STRUCTURES NOTED IN THE PLANS ARE AT EDGE OF PAVEMENT FOR DRAINAGE STRUCTURES WITHIN THE PAVEMENT. FOR DRAINAGE STRUCTURES OUTSIDE THE PAVEMENT, THE OFFSETS ARE TO THE CENTER OF OPENING.



FLARED END SECTION AND HEADWALL DETAIL

** A 12" CHECK VALVE IS TO BE INSTALLED ON PIPE 3A. SEE SPECIAL PROVISIONS FOR FURTHER DETAILS.
NOTE: PIPES DESIGNATED "WAT MN" SHALL SATISFY WATER MAIN REQUIREMENTS (SEE SPECIAL PROVISIONS).

REVISIONS	
NAME	DATE

CITY OF CRYSTAL LAKE
ERICK STREET (FAU 0125)
DRAINAGE & UTILITIES
DRAINAGE SCHEDULE

SCALE: NTS
DATE: DECEMBER 15, 2008
DRAWN BY: JJS
CHECKED BY: ADJ