

SCHEDULE OF STORM SEWER PIPES

PIPE NO.	FROM STRUCT.	INVERT	TO STRUCT.	INVERT	STORM SEWER, CLASS A, TYPE 2				SLOPE (%)	TBF (CY)
					12"	18"	24"	30"		
1	2	828.74	1	827.93		42			1.93	6
2	3	830.91	2	830.84	4				1.75	1
3	4	833.21	3	832.91	27				1.11	4
4	5	836.78	3	832.81	145				2.74	49
5	6	840.00	5	839.55	45				1.00	9
6	8	841.59	5	840.53	49				2.16	15
7	9	843.90	8	843.80	5				2.00	1
8	7	844.00	8	843.80	17				1.18	3
9	10	851.37	11	847.49	92				4.22	58
10	11	842.48	12	838.38	114				3.60	79
11	13	838.69	12	838.48	18				1.17	3
12	12	833.92	16	833.08		73			1.15	55
13	14	838.58	15	835.86	EX				5.22	6
14	15	834.55	17	834.50	5				1.00	1
15	17	834.00	16	833.94	3				2.00	1
16	16	831.52	18	830.78			45		1.64	15
17	19	831.09	18	830.88	18				1.17	3
18	18	828.44	21	827.79		82			0.79	89
19	20	831.04	21	827.89	78				4.04	30
20	22	827.99	21	827.89	5				2.00	6
21	21	826.39	23	826.23			81		0.20	86
22	24	826.54	23	826.33	18				1.17	5
23	25	826.43	23	826.33	5				2.00	1
24	26	826.79	25	826.53	23				1.13	5
25	23	826.23	27	826.00			83		0.28	16
26	29	824.96	28	824.70		85			0.31	9
27	30	825.20	29	825.06		41			0.34	4
28	31	825.44	30	825.30		42			0.33	5
29	32	826.22	31	826.00	15				1.47	2
30	33	825.63	31	825.50	24				0.54	3
31	35	829.00	34	828.20		85			0.94	20
32	36	829.77	35	829.50	27				1.00	4
					737	368	127	164		594

SCHEDULE OF STORM SEWER STRUCTURES

STR #	STATION	OFFSET (FT)	STRUCTURE TYPE		FLARED END SECT			DIA. (FT)	FRAME & GRATE	INVERTS				RIM ELEVATION					
			MHTY A	CBTY A	12"	18"	30"			N	NW	W	SW	S	SE	E	NE		
1	32+70.95	52.89		EX					T1 F OL			827.93						827.93	830.81
2	33+00.00	16.8		1				4	T11 F&G	830.84			828.74						835.59
3	33+00.00	10.82	1					4	T1 F CL	832.91				830.91			832.81		835.71
4	33+00.00	-17.7		1				4	T11 F&G					833.21					835.57
5	34+47.75	7.71	1					4	T1 F CL	839.55			836.78				840.53		844.30
6	34+39.00	-41.8		1				4	T11 F&G								840.00		842.37
7	35+00.00	-12.5		1				4	T11 F&G								844.00		847.45
8	35+00.00	6.4	1					4	T1 F CL	843.80			841.59				843.80		847.58
9	35+00.00	12.5		1				4	T11 F&G	843.90									847.45
10	38+25.15	-24.51		1				4	T8 G	856.58								851.37	859.37
11	39+20.00	-20	1					4	T1 F OL				847.49				842.48		850.99
12	40+35.96	-6.5	1					4	T1 F CL				838.38			838.48		833.92	842.50
13	40+35.96	12.5		1				4	T11 F&G	838.69									842.39
14	40+52.04	-20.65		EX				EX	T11 F&G								838.58		840.75
15	41+04.11	-18.95		1				4	T8 G				835.86			834.55			838.20
16	41+12.16	-6.5	1					4	T1 F CL	833.94			833.08				831.52		837.38
17	41+12.16	-12.5		1				4	T11 F&G			834.50			834.00				837.26
18	41+60.00	-6.5	1					4	T1 F CL				830.78			830.88		828.44	834.95
19	41+60.00	12.5		1				4	T11 F&G	831.09									834.76
20	41+84.40	47.03		1				4	T8 G						831.04		831.04		833.04
21	42+45.00	-6.5	1					5	T1 F CL	827.89			827.79	827.89			826.39		837.30
22	42+45.00	-12.5		1				4	T11 F&G					827.99					832.05
23	43+29.00	-6.5	1					5	T1 F CL	826.33			826.23				826.33		831.18
24	43+29.00	12.5		1				4	T11 F&G	826.54									830.85
25	43+29.00	-12.5		1				4	T11 F&G					826.43			826.53		830.85
26	43+50.00	-29		1				4	T8 G				826.79						830.78
27	65+68.30	25							FES				826.00						FES
28	65+57.80	30					1		FES				824.70						FES
29	64+89.86	-31		1				4	T8 G						825.06		824.96		827.60
30	64+43.73	-30.84		1				4	T8 G	825.20						825.30			828.68
31	64+00.00	-12.5		1				4	T11 F&G			825.44	826.00				825.50		828.86
32	64+00.00	-32.29					1		FES								826.22		FES
33	64+00.00	12.5		1				4	T11 F&G				825.63						828.86
34	62+72.30	-33.06					1		FES	828.20									FES
35	61+82.00	-12.5		1				4	T11 F&G	829.00							829.50		833.56
36	61+82.00	12.5		1				4	T11 F&G				829.77						833.60
					9	21	1	2	1										

SCHEDULE OF PIPE CULVERTS

PIPE NO.	UPSTREAM STA	OFFSET (FT)	INVERT	DOWNSTREAM STA	OFFSET (FT)	INVERT	CLASS C, TYPE 1 DIAM. (IN)	PIPE LENGTH	SLOPE (%)	TBF (CY)
C1	33+55.04	36.5	836.62	33+83.51	36.5	836.87	12	28.47	-0.88	10
C2	34+19.59	34	841.40	34+48.04	34	841.65	12	28.45	-0.88	10
C3	43+08.65	-21.1	829.90	43+32.57	-21.1	829.70	12	23.92	0.84	10
C4	63+22.67	-30	827.10	63+46.67	-30.1	826.86	18	24.00	1.00	10

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MILLER ROAD - PHASE 1  
07/2007 - 08/2008



USER NAME = bhartman  
PLOT SCALE = 50  
PLOT DATE = 2/13/2009

DESIGNED - BDH  
DRAWN -  
CHECKED -  
DATE - 2/12/09

REVISED -  
REVISED -  
REVISED -  
REVISED -

VILLAGE OF LAKE IN THE HILLS

DRAINAGE AND UTILITIES  
SCHEDULE OF QUANTITIES

SCALE: 50 SHEET NO. 1 OF 3 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4039	08-00029-00-FP	MCHENRY	29	11
FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			CONTRACT NO. 63142	