

STRUCTURE SCHEDULES

STRUCTURE NO	LOCATION		STRUCTURE TYPE	FRAME & LID OR GRATE	RIM ELEVATION	INVERT ELEVATION			
	STATION	OFFSET				NORTH	SOUTH	EAST	WEST
STU-5	657+17.0	7.0 FT RT	STC 2400	STC FRAME & LID	830.68	824.26	824.16		
GM-1	657+26.0	7.0 FT RT	MH TY A 5 FT DIA	EJIW 1050 CL	830.66	825.82	824.32	827.16	827.05
G-1A	657+26.0	14.0 FT RT	CB TY A 4 FT DIA	EJIW 7010 - M3	830.52				827.22
G-1B	657+26.0	14.0 FT LT	CB TY A 4 FT DIA	EJIW 7010 - M3	830.52			827.22	
GM-2	658+00.0	7.0 FT RT	MH TY A 5 FT DIA	EJIW 1050 CL	831.13	826.97	826.87	827.63	827.52
G-2A	658+00.0	14.0 FT RT	CB TY A 4 FT DIA	EJIW 7010 - M3	830.99				827.69
G-2B	658+00.0	14.0 FT LT	CB TY A 4 FT DIA	EJIW 7010 - M3	830.99			827.69	
GM-3	659+50.0	7.0 FT RT	MH TY A 4 FT DIA	EJIW 1050 CL	833.54	829.26	829.16	830.04	829.93
G-3A	659+50.0	14.0 FT RT	CB TY A 4 FT DIA	EJIW 7010 - M3	833.40				830.10
G-3B	659+50.0	14.0 FT LT	CB TY A 4 FT DIA	EJIW 7010 - M3	833.40			830.10	
GM-4	661+45.0	27.0 FT RT	MH TY A 4 FT DIA	EJIW 6527	837.88	833.17	831.56		833.17
G-4A	661+45.0	14.0 FT RT	CB TY A 4 FT DIA	EJIW 7010 - M3	839.36			833.35	835.69
G-4B	661+45.0	14.0 FT LT	CB TY A 4 FT DIA	EJIW 7010 - M3	839.36	836.04		835.94	
G-4C	661+90.0	33.0 FT LT	INL TY A 2 FT DIA	EJIW 6527	840.95		837.65		
GM-5	663+25.0	27.0 FT RT	MH TY A 4 FT DIA	EJIW 6527	848.35	844.92	844.82		844.92
G-5A	663+25.0	14.0 FT RT	CB TY A 4 FT DIA	EJIW 7010 - M4	849.12			845.10	845.57
G-5B	663+25.0	14.0 FT LT	INL TY A 2 FT DIA	EJIW 7010 - M4	849.12			845.82	
GM-6	665+00.0	25.0 FT RT	MH TY A 4 FT DIA	EJIW 6527	859.52	855.59	853.02		856.12
G-6A	665+00.0	14.0 FT RT	INL TY A 2 FT DIA	EJIW 7010 - M4	859.87			856.22	856.32
G-6B	665+00.0	14.0 FT LT	CB TY A 4 FT DIA	EJIW 7010 - M4	859.87			856.57	
GM-7	666+40.0	25 FT RT	MH TY A 4 FT DIA	EJIW 1050 CL	865.80	857.73	857.63		
GM-8	667+30.0	25.0 FT LT	MH TY A 4 FT DIA	EJIW 6527	867.20	864.19	858.22	863.90	862.21
G-8A	667+32.0	19.8 FT RT	CB TY A 4 FT DIA	EJIW 7010 - M3	868.25				865.25
G-8B	667+32.0	16.2 FT LT	CB TY A 4 FT DIA	EJIW 7010 - M4	868.34			864.59	864.00
G-8D	667+07.9	42.0 FT LT	CB TY A 4 FT DIA	EJIW 7010 - M3	867.32	863.33	863.43		863.65
G-8E	667+04.0	64.2 FT LT	INL TY A 2 FT DIA	EJIW 7010 - M3	867.55			863.83	
G-8F	666+65.8	41.9 FT LT	INL TY A 2 FT DIA	EJIW 7010 - M3	867.22	863.63			
GM-9	668+50.0	23.0 FT LT	MH TY A 4 FT DIA	EJIW 6527	871.73	868.47	868.37	868.47	
G-9A	668+50.0	14.0 FT RT	INL TY A 2 FT DIA	EJIW 7010 - M4	872.22				868.92
G-9B	668+50.0	14.0 FT LT	CB TY A 4 FT DIA	EJIW 7010 - M4	872.26			868.67	868.57
GM-10	670+00.0	23.0 FT LT	MH TY A 4 FT DIA	EJIW 6527	876.43		873.07	873.17	
G-10A	670+00.0	14.0 FT RT	INL TY A 2 FT DIA	EJIW 7010 - M3	876.92				873.62
G-10B	670+00.0	14.0 FT LT	CB TY A 4 FT DIA	EJIW 7010 - M3	876.81			873.37	873.27

PIPE SCHEDULES

PIPE NO	LOCATION		SIZE in	LENGTH ft	SLOPE %	TRENCH BACKFILL cu yd
	UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE				
STU-5	STU-5	PROP CULVERT	21	5	5.00%	4.9
GM-1	GM-1	STU-5	21	4	1.50%	2.0
G-1A	G-1A	GM-1	12	3	2.00%	0.5
G-1B	G-1B	GM-1	12	17	1.00%	2.9
GM-2	GM-2	GM-1	21	70	1.50%	17.1
G-2A	G-2A	GM-2	12	3	2.00%	0.5
G-2B	G-2B	GM-2	12	17	1.00%	2.7
GM-3	GM-3	GM-2	18	146	1.50%	35.6
G-3A	G-3A	GM-3	12	3	2.00%	0.5
G-3B	G-3B	GM-3	12	17	1.00%	2.7
GM-4	GM-4	GM-3	18	192	1.20%	37.4
G-4A	G-4A	GM-4	12	9	2.00%	0.0
G-4B	G-4B	G-4A	12	24	1.00%	4.1
G-4C	G-4C	G-4B	12	46	3.50%	8.4
GM-5	GM-5	GM-4	12	176	6.62%	0.0
G-5A	G-5A	GM-5	12	9	2.00%	0.0
G-5B	G-5B	G-5A	12	25	1.00%	4.0
GM-6	GM-6	GM-5	12	171	4.73%	0.0
G-6A	G-6A	GM-6	12	7	1.50%	0.0
G-6B	G-6B	G-6A	12	25	1.00%	4.0
GM-7	GM-7	GM-6	12	136	1.50%	0.0
GM-8	GM-8	GM-7	12	99	0.50%	102.1
G-8A	G-8A	G-8B	12	33	2.00%	6.1
G-8B	G-8B	GM-8	12	5	2.00%	0.0
G-8D	G-8D	GM-8	12	24	0.50%	4.6
G-8E	G-8E	G-8D	12	18	1.00%	3.4
G-8F	G-8F	G-8D	12	39	0.50%	7.5
GM-9	GM-9	G-8C	12	116	3.60%	0.0
G-9A	G-9A	G-10B	12	25	1.00%	4.0
G-9B	G-9B	GM-9	12	5	2.00%	0.0
GM-10	GM-10	GM-9	12	146	3.15%	0.0
G-10A	G-10A	G-10B	12	25	1.00%	3.8
G-10B	G-10B	GM-10	12	5	2.00%	0.0

CONFLICT RESOLUTION CHARTS

PIPE NO	LOCATION		UPPER PIPE		LOWER PIPE		NOTES
	STATION	OFFSET	TYPE	BOTTOM ELEVATION	TYPE	TOP ELEVATION	
GM-4	661+06.8	23.5 FT RT	EX 6" GAS	833.25	PROP 18" STORM	832.75	
G-4A	661+45.0	23.5 FT RT	EX 6" GAS	835.00	PROP 12" STORM	834.50	
G-4C	661+80.0	28.9 FT LT	PROP 12" STORM	837.34	EX 8" SANITARY	832.83	
G-5A	663+25.0	23.5 FT RT	EX 6" GAS	846.75	PROP 12" STORM	846.25	
GM-6	664+56.7	25.0 FT RT	EX 6" GAS	853.26	PROP 12" STORM	852.66	
GM-8	666+62.3	12.7 FT RT	EX 4" GAS	863.30	PROP 12" STORM	859.02	
GM-8	667+11.8	15.2 FT RT	EX 12" WATER MAIN	860.79	PROP 12" STORM	859.29	
G-8D	667+12.3	39.3 FT LT	EX CATV	864.50	PROP 12" STORM	864.48	
G-8D	667+12.3	39.3 FT LT	PROP 12" STORM	863.31	EX 12" WATER MAIN	861.71	

NOTES:

- ALL CURB LINE STRUCTURE LOCATIONS & ELEVATIONS ARE INDICATED AT THE EDGE OF PAVEMENT. ALL OTHER STRUCTURES ARE INDICATED AT THEIR CENTER.
- ALL PIPE LENGTHS ARE INDICATED TO INSIDE WALL OF STRUCTURE.
- UNLESS OTHERWISE NOTED, ALL STORM SEWER SHALL BE CLASS IV REINFORCED CONCRETE PIPE IN ACCORDANCE WITH ASTM C76, WITH RUBBER GASKETED JOINTS IN ACCORDANCE WITH ASTM C443.
- LOCATIONS AND ELEVATIONS NOTED IN THE CONFLICT RESOLUTION CHART ARE ASSUMED BASED ON AVAILABLE SURVEY AND ATLAS INFORMATION. ALL CROSSINGS SHALL BE VERIFIED IN THE FIELD, AND ANY CONFLICTS BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER.

REVISIONS	
NAME	DATE

HANSON ROAD IMPROVEMENTS  
EDGEWOOD DRIVE TO HUNTINGTON DRIVE

DRAINAGE SCHEDULE

DATE: 02-19-09 DRAWN BY: AJR  
CHECKED BY: MAY



GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC.  
CHICAGO, ILLINOIS