

STRUCTURE SCHEDULES

STRUCTURE NO	LOCATION		STRUCTURE TYPE	FRAME & LID OR GRATE	RIM ELEVATION	INVERT ELEVATION			
	STATION	OFFSET				NORTH	SOUTH	EAST	WEST
FM-3	645+60.0	28.8 FT RT	MH TY A 4 FT DIA	EJIW 6527	885.74	880.53	882.25		880.63
F-3A	645+60.0	14.0 FT RT	CB TY A 4 FT DIA	EJIW 7010 - M4	885.45			881.18	881.65
F-3B	645+60.0	14.0 FT LT	INL TY A 2 FT DIA	EJIW 7010 - M4	885.45			882.15	
FM-4	647+00.0	28.0 FT RT	MH TY A 4 FT DIA	EJIW 6527	878.01	873.54	873.64		873.64
F-4A	647+00.0	14.0 FT RT	CB TY A 4 FT DIA	EJIW 7010 - M4	879.75			874.14	875.95
F-4B	647+00.0	14.0 FT LT	INL TY A 2 FT DIA	EJIW 7010 - M4	879.75			876.45	
FM-5	648+50.0	28.0 FT RT	MH TY A 4 FT DIA	EJIW 6527	869.11	864.73	864.83		864.83
F-5A	648+50.0	14.0 FT RT	CB TY A 4 FT DIA	EJIW 7010 - M4	871.09			865.33	867.29
F-5B	648+50.0	14.0 FT LT	INL TY A 2 FT DIA	EJIW 7010 - M4	871.09			867.79	
FM-6	649+85.0	28.0 FT RT	MH TY A 4 FT DIA	EJIW 6527	861.17	851.50	854.51		856.93
F-6A	649+85.0	16.1 FT RT	CB TY A 4 FT DIA	EJIW 7010 - M4	862.69			857.33	859.14
F-6B	649+85.0	16.4 FT LT	INL TY A 2 FT DIA	EJIW 7010 - M4	863.80			860.50	
FM-7	650+75.0	27.0 FT RT	MH TY A 4 FT DIA	EJIW 6527	856.91	848.86	848.96		850.60
F-7A	650+54.0	45.3 FT LT	EXISTING MH	EJIW 1050 CL	858.85		(856.11)	855.71	(855.81)
FM-8	652+50.0	27.0 FT RT	MH TY A 4 FT DIA	EJIW 6527	842.21	838.27	838.37		838.37
F-8A	652+50.0	14.0 FT RT	CB TY A 4 FT DIA	EJIW 7010 - M4	843.86			838.82	840.06
F-8B	652+50.0	14.0 FT LT	INL TY A 2 FT DIA	EJIW 7010 - M4	843.86			840.56	
FM-9	654+50.0	26.0 FT RT	MH TY A 5 FT DIA	EJIW 6527	832.80	828.77	828.87		828.87
F-9A	654+50.0	14.0 FT RT	CB TY A 4 FT DIA	EJIW 7010 - M4	834.78			829.27	830.98
F-9B	654+50.0	14.0 FT LT	INL TY A 2 FT DIA	EJIW 7010 - M4	834.78			831.48	
FM-10	656+00.0	7.0 FT RT	MH TY A 5 FT DIA	EJIW 1050 CL	831.43	826.14	826.24	827.95	827.67
F-10A	656+00.0	14.0 FT RT	CB TY A 4 FT DIA	EJIW 7010 - M3	831.29				827.99
F-10B	656+00.0	14.0 FT LT	CB TY A 4 FT DIA	EJIW 7010 - M3	831.29			827.99	
FM-11	656+75.0	7.0 FT RT	MH TY A 5 FT DIA	EJIW 1050 CL	830.74	824.30	824.40	827.26	826.98
F-11A	656+75.0	14.0 FT RT	CB TY A 4 FT DIA	EJIW 7010 - M3	830.60				827.30
F-11B	656+75.0	14.0 FT LT	CB TY A 4 FT DIA	EJIW 7010 - M3	830.60			827.30	
STU-4	656+85.0	7.0 FT RT	PRECAST STC 2400	STC FRAME AND LID	830.72	824.10	824.20		

PIPE SCHEDULES

PIPE NO	LOCATION		SIZE	LENGTH	SLOPE	TRENCH BACKFILL
	UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE				
FM-3	FM-3	FM-4	15	136	4.72%	0.0
F-3A	F-3A	FM-3	12	11	5.00%	0.0
F-3B	F-3B	F-3A	12	25	2.00%	4.3
FM-4	FM-4	FM-5	15	146	5.97%	0.0
F-4A	F-4A	FM-4	12	10	5.00%	0.0
F-4B	F-4B	F-4A	12	25	2.00%	4.3
FM-5	FM-5	FM-6	15	131	7.88%	0.0
F-5A	F-5A	FM-5	12	10	5.00%	0.0
F-5B	F-5B	F-5A	12	25	2.00%	4.3
FM-6	FM-6	FM-7	15	86	2.95%	100.0
F-6A	F-6A	FM-6	12	8	5.00%	2.8
F-6B	F-6B	F-6A	12	34	4.00%	5.4
FM-7	FM-7	FM-8	15	171	6.13%	0.0
F-7A	F-7A	FM-7	12	73	7.00%	21.5
FM-8	FM-8	FM-9	15	196	4.80%	0.0
F-8A	F-8A	FM-8	12	9	5.00%	0.0
F-8B	F-8B	F-8A	12	25	2.00%	4.3
FM-9	FM-9	FM-10	24	146	2.45%	28.7
F-9A	F-9A	FM-9	12	8	5.00%	0.0
F-9B	F-9B	F-9A	12	25	2.00%	4.3
FM-10	FM-10	FM-11	24	71	2.45%	41.3
F-10A	F-10A	FM-10	12	2	2.00%	0.3
F-10B	F-10B	FM-10	12	16	2.00%	2.7
FM-11	FM-11	STU-4	24	5	2.00%	4.0
F-11A	F-11A	FM-11	12	2	2.00%	0.3
F-11B	F-11B	FM-11	12	16	2.00%	2.7
STU-4	STU-4	PROP CULVERT	24	8	2.00%	6.6

CONFLICT RESOLUTION CHARTS

PIPE NO	LOCATION		UPPER PIPE		LOWER PIPE		NOTES
	STATION	OFFSET	TYPE	BOTTOM ELEVATION	TYPE	TOP ELEVATION	
F-3A	645+60.0	21.4 FT RT	EX TELEPHONE	882.59	PROP 12" STORM	882.10	
F-4A	647+00.0	22.0 FT RT	EX TELEPHONE	875.51	PROP 12" STORM	875.01	
F-5A	648+50.0	22.4 FT RT	EX TELEPHONE	866.70	PROP 12" STORM	865.03	
FM-5	649+29.3	28.0 FT RT	EX ELECTRIC	860.87	PROP 15" STORM	860.37	
FM-5	649+40.0	28.0 FT RT	EX 4" GAS	860.22	PROP 15" STORM	859.46	
F-6A	649+85.0	22.8 FT RT	EX TELEPHONE	858.75	PROP 12" STORM	857.08	
FM-6	650+06.6	27.6 FT RT	EX 12" WATERMAIN	854.15	PROP 15" STORM	852.65	
F-7A	650+54.7	42.1 FT RT	EX 4" GAS	857.10	PROP 12" STORM	856.74	
F-7A	650+56.9	34.8 FT LT	PROP 12" STORM	856.72	PROP 12" STORM	856.25	
F-7A	650+73.7	23.1 FT RT	EX TELEPHONE	853.75	PROP 12" STORM	852.05	
F-8A	652+50.0	21.8 FT RT	EX TELEPHONE	840.19	PROP 12" STORM	839.69	
F-9A	654+50.0	17.4 FT RT	EX TELEPHONE	831.88	PROP 12" STORM	830.34	
FM-9	655+23.6	16.2 FT RT	EX TELEPHONE	830.27	PROP 24" STORM	829.78	
FM-10	656+64.7	7.0 FT RT	PROP 36" STORM	824.29	EX 8" SANITARY	818.01	

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: 03-27-09
 DRAWN BY: AJR
 CHECKED BY: MAY



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