

F.A.J. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4011	07-00072-00-PV	McHENRY	80	36

STRUCTURE SCHEDULES

STRUCTURE NO	LOCATION		STRUCTURE TYPE	FRAME & LID OR GRATE	RIM ELEVATION	INVERT ELEVATION			
	STATION	OFFSET				NORTH	SOUTH	EAST	WEST
DM-1	632+73.0	25.0 FT RT	MH TY A 4 FT DIA	EJIW 6527	882.04	876.60			877.86
D-1A	632+72.2	36.0 FT LT	CB TY A 4 FT DIA	EJIW 7010 - M3	882.90		879.10	879.00	
D-1B	632+29.9	36.0 FT LT	INL TY A 2 FT DIA	EJIW 7010 - M3	882.90	879.90			
DM-2	633+75.0	25.0 FT RT	MH TY A 4 FT DIA	EJIW 6527	880.99	875.18	876.11		876.82
D-2A	633+75.0	14.0 FT RT	CB TY A 4 FT DIA	EJIW 7010 - M3	882.32			877.17	878.62
D-2B	633+75.0	14.0 FT LT	INL TY A 2 FT DIA	EJIW 7010 - M3	882.32			879.12	
DM-3	635+50.0	25.0 FT RT	MH TY A 4 FT DIA	EJIW 6527	879.40	874.23	874.33		875.49
D-3A	635+50.0	14.0 FT RT	CB TY A 4 FT DIA	EJIW 7010 - M3	880.66			875.84	876.96
D-3B	635+50.0	14.0 FT LT	INL TY A 2 FT DIA	EJIW 7010 - M3	880.66			877.46	
DM-4	636+90.0	27.0 FT RT	MH TY A 4 FT DIA	EJIW 6527	877.96	872.77	872.87		874.28
D-4A	636+90.0	14.0 FT RT	CB TY A 4 FT DIA	EJIW 7010 - M3	879.79			874.73	876.09
D-4B	636+90.0	14.0 FT LT	INL TY A 2 FT DIA	EJIW 7010 - M3	879.79			876.59	
EM-1	641+77.8	28.3 FT RT	EXISTING CB	EJIW 6527	(886.17)		883.62		
EM-2	640+65.0	27.0 FT RT	MH TY A 4 FT DIA	EJIW 6527	885.11	880.70	880.60		880.70
E-2A	640+65.0	14.0 FT RT	CB TY A 4 FT DIA	EJIW 7010 - M3	886.61			881.15	881.66
E-2B	640+65.0	14.0 FT LT	CB TY A 4 FT DIA	EJIW 7010 - M3	886.61	883.16	881.90	882.00	
E-2C	640+21.5	33.5 FT LT	INL TY A 2 FT DIA	EJIW 6527	884.97		882.22		
E-2D	641+35.0	32.0 FT LT	INL TY A 2 FT DIA	EJIW 6527	887.15		883.85		
EM-3	638+50.0	28.0 FT RT	MH TY A 4 FT DIA	EJIW 6527	879.42	875.65	875.55		875.65
E-3A	638+50.0	14.0 FT RT	CB TY A 4 FT DIA	EJIW 7010 - M3	881.34			876.15	877.64
E-3B	638+50.0	14.0 FT LT	INL TY A 2 FT DIA	EJIW 7010 - M3	881.34			878.14	
EM-4	637+20.0	27.0 FT RT	MH TY A 4 FT DIA	EJIW 6527	878.05	873.03	872.64	872.50	873.68
E-4A	637+20.0	14.0 FT RT	CB TY A 4 FT DIA	EJIW 7010 - M3	879.86			874.13	874.24
E-4B	637+20.0	14.0 FT LT	CB TY A 4 FT DIA	EJIW 7010 - M3	879.86			875.72	875.82
E-4C	637+20.0	35.0 FT LT	INL TY A 2 FT DIA	EJIW 6527	879.10			876.00	
EM-5	637+22.4	36.4 FT RT	MH TY A 4 FT DIA	EJIW 6527	875.57			871.87 (EX)	872.00
STU-3	913+60.7	0.9 FT LT	PRECAST STC 900	STC FRAME AND LID	872.90			868.65	868.92

PIPE SCHEDULES

PIPE NO	LOCATION		SIZE in	LENGTH ft	SLOPE %	TRENCH BACKFILL cu yd
	UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE				
DM-1	DM-1	DM-2	18	98	0.50%	0.0
D-1A	D-1A	DM-1	12	57	2.00%	11.6
D-1B	D-1B	D-1A	12	40	2.00%	6.2
DM-2	DM-2	DM-3	18	171	0.50%	0.0
D-2A	D-2A	DM-2	12	7	5.00%	0.0
D-2B	D-2B	D-2A	12	25	2.00%	4.0
DM-3	DM-3	DM-4	18	136	1.00%	0.0
D-3A	D-3A	DM-3	12	7	5.00%	0.0
D-3B	D-3B	D-3A	12	25	2.00%	4.0
DM-4	DM-4	EM-4	18	26	0.50%	0.0
D-4A	D-4A	DM-4	12	9	5.00%	0.0
D-4B	D-4B	D-4A	12	25	2.00%	4.0
EM-1	EM-1	EM-2	12	109	2.68%	0.0
EM-2	EM-2	EM-3	12	211	2.96%	0.0
E-2A	E-2A	EM-2	12	9	5.00%	0.0
E-2B	E-2B	E-2A	12	24	1.00%	7.2
E-2C	E-2C	E-2B	12	45	0.50%	10.9
E-2D	E-2D	E-2B	12	69	1.00%	13.6
EM-3	EM-3	EM-4	18	126	2.00%	0.0
E-3A	E-3A	EM-3	12	10	5.00%	0.0
E-3B	E-3B	E-3A	12	25	2.00%	4.0
EM-4	EM-4	EM-5	18	6	8.00%	0.0
E-4A	E-4A	EM-4	12	9	5.00%	0.0
E-4B	E-4B	E-4A	12	24	2.00%	7.5
E-4C	E-4C	E-4B	12	18	1.00%	4.1

ILLINOIS PROJECT
CONTRACT NO. 63137

CONFLICT RESOLUTION CHARTS

PIPE NO	LOCATION		UPPER PIPE		LOWER PIPE		NOTES
	STATION	OFFSET	TYPE	BOTTOM ELEVATION	TYPE	TOP ELEVATION	
D-1B	632+47.4	36.1 FT LT	PROP 12" STORM	879.41	EX 8" WATERMAIN	876.80	
D-1A	632+73.0	20.5 FT LT	PROP 12" STORM	878.57	EX 12" WATERMAIN	876.69	
D-1A	632+73.0	19.1 FT RT	EX TELEPHONE	879.50	PROP 12" STORM	879.11	
DM-1	633+01.5	24.7 FT RT	EX CATV	878.42	PROP 18" STORM	878.17	
DM-1	633+09.8	24.7 FT RT	EX ELECTRIC	878.33	PROP 18" STORM	878.13	
D-2A	633+74.7	18.9 FT RT	EX TELEPHONE	878.69	PROP 12" STORM	878.48	
DM-2	635+03.0	25.3 FT RT	EX ELECTRIC	876.76	PROP 18" STORM	876.26	
D-3A	635+49.8	20.0 FT RT	EX TELEPHONE	877.31	PROP 12" STORM	876.81	
D-4A	636+89.8	20.1 FT RT	EX TELEPHONE	876.20	PROP 18" STORM	875.70	
E-4C	637+20.0	18.7 FT LT	PROP 12" STORM	875.68	EX 12" WATERMAIN	873.74	
E-4A	637+20.0	20.1 FT RT	EX TELEPHONE	875.60	PROP 12" STORM	875.10	
E-3A	638+49.9	20.2 FT RT	EX TELEPHONE	877.62	PROP 12" STORM	877.12	
E-2C	640+54.4	18.5 FT LT	PROP 12" STORM	881.88	EX 12" WATERMAIN	880.38	
E-2A	640+65.0	20.3 FT RT	EX TELEPHONE	883.11	PROP 12" STORM	882.12	
E-2D	640+82.1	18.4 FT LT	PROP 12" STORM	883.14	EX 12" WATERMAIN	881.50	

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