

STRUCTURE SCHEDULES

STRUCTURE NO	LOCATION		STRUCTURE TYPE	FRAME & LID OR GRATE	RIM ELEVATION	INVERT ELEVATION			
	STATION	OFFSET							
AM-11	616+43.0	0.0 FT LT/RT	EXISTING MH 6 FT DIA		856.89	(842.56)	(850.25)	842.31/852.39	852.42
A-11A	616+25.0	14.0 FT RT	CB TY A 4 FT DIA	EJIW 7010 - M3	856.57				852.57
A-11B	616+43.0	14.0 FT LT	CB TY A 4 FT DIA	EJIW 7010 - M3	856.61		853.07	852.51	
A-11C	616+25.0	14.0 FT LT	INL TY A 2 FT DIA	EJIW 7010 - M3	856.57		853.37		
A-11D	616+65.9	34.8 FT LT	MH TY A 6 FT DIA	EJIW 6527	855.88			844.45	845.16 (EX)
AM-12	616+68.0	0.0 FT LT/RT	EXISTING CB 6 FT DIA		857.07	(852.80)	(842.67)	852.80	842.90 (EX/PR)
A-12A	616+68.0	14.0 FT RT	CB TY A 4 FT DIA	EJIW 7010 - M3	856.79				852.89
AM-13	800+50.0	3.0 FT LT	MH TY A 6 FT DIA	EJIW 1050 CL	845.70			840.07	840.17
AM-14	801+35.0	0.0 FT LT	MH TY A 6 FT DIA	EJIW 6527	841.30		838.80	836.44	836.54
FES-3	801+28.0	12.0 FT RT	8" METAL FES				839.90		
AM-15	802+00.0	0.0 FT RT	MH TY A 6 FT DIA	EJIW 1050 CL	842.66			836.09	836.32
STU-1	802+70.0	0.0 FT LT/RT	PRECAST STC 2400	STC FRAME & LID	840.30			833.63	833.43
BM-1	617+50.0	0.0 FT LT/RT	MH TY A 4 FT DIA	EJIW 1050 CL	858.54	854.44	854.34	854.66	854.66
B-1A	617+50.0	14.0 FT RT	CB TY A 4 FT DIA	EJIW 7010 - M3	858.26				854.76
B-1B	617+50.0	14.0 FT LT	CB TY A 4 FT DIA	EJIW 7010 - M3	858.26			854.76	
BM-2	619+00.0	0.0 FT LT/RT	MH TY A 4 FT DIA	EJIW 1050 CL	864.41	860.30	860.20	860.30	860.30
B-2A	619+00.0	14.0 FT RT	CB TY A 4 FT DIA	EJIW 7010 - M4	864.13				860.40
B-2B	619+00.0	14.0 FT LT	CB TY A 4 FT DIA	EJIW 7010 - M4	864.13			860.40	
BM-3	621+00.0	0.0 FT LT/RT	MH TY A 4 FT DIA	EJIW 1050 CL	870.12		866.04	866.14	866.14
B-3A	621+00.0	14.0 FT RT	CB TY A 4 FT DIA	EJIW 7010 - M3	869.84				866.24
B-3B	621+00.0	14.0 FT LT	CB TY A 4 FT DIA	EJIW 7010 - M3	869.84			866.24	
CM-1	630+00.0	21.0 FT RT	MH TY A 4 FT DIA	EJIW 6527	879.85		874.90		875.00
C-1A	630+00.0	14.0 FT RT	CB TY A 4 FT DIA	EJIW 7010 - M3	880.18			875.15	876.73
C-1B	630+00.0	14.0 FT LT	INL TY A 2 FT DIA	EJIW 7010 - M3	880.18			876.98	
CM-2	628+60.0	20.0 FT RT	MH TY A 4 FT DIA	EJIW 6527	876.10	870.00	869.90		872.02
C-2A	628+60.0	14.0 FT RT	CB TY A 4 FT DIA	EJIW 7010 - M3	876.20			872.12	872.75
C-2B	628+60.0	14.0 FT LT	INL TY A 2 FT DIA	EJIW 7010 - M3	876.20			873.00	
CM-3	627+85.0	33.0 FT RT	MH TY A 4 FT DIA	EJIW 6527	872.10	867.40	863.00		867.79
C-3A	627+85.7	22.5 FT RT	CB TY A 4 FT DIA	EJIW 7010 - M3	874.00			867.93	
CM-4	627+00.0	0.0 FT LT/RT	MH TY A 4 FT DIA	EJIW 1050 CL	873.17	862.36	862.26		867.89
C-4A	627+00.0	14.0 FT LT	CB TY A 4 FT DIA	EJIW 7010 - M3	872.89			868.39	
CM-5	625+75.0	0.0 FT LT/RT	MH TY A 4 FT DIA	EJIW 1050 CL	871.94	861.29	861.19	866.47	866.47
C-5A	625+75.0	14.0 FT RT	CB TY A 4 FT DIA	EJIW 7010 - M3	871.66				866.97
C-5B	625+75.0	14.0 FT LT	CB TY A 4 FT DIA	EJIW 7010 - M3	871.66			866.97	
CM-6	624+50.0	0.0 FT LT/RT	MH TY A 4 FT DIA	EJIW 1050 CL	871.06	866.87		866.97	866.97
C-6A	624+50.0	14.0 FT RT	CB TY A 4 FT DIA	EJIW 7010 - M3	870.78		867.30		867.07
C-6B	624+25.0	14.0 FT RT	INL TY A 2 FT DIA	EJIW 7010 - M3	870.72	867.52			
C-6C	624+50.0	14.0 FT LT	CB TY A 4 FT DIA	EJIW 7010 - M3	870.78		867.30	867.07	
C-6D	624+25.0	14.0 FT LT	INL TY A 2 FT DIA	EJIW 7010 - M3	870.72	867.52			
CM-7	624+88.7	0.0 FT LT/RT	MH TY A 5 FT DIA	EJIW 1050 CL	871.26	860.52	866.52	857.77	857.87
CM-8	900+42.9	6.4 FT RT	MH TY A 5 FT DIA	EJIW 6527	861.77			857.65	857.65

PIPE SCHEDULES

PIPE NO	LOCATION		SIZE	LENGTH	SLOPE	TRENCH BACKFILL
	UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE				
AM-11	AM-11	AM-13	36	41	5.22%	29.3
A-11A	A-11A	AM-11	12	18	1.00%	4.4
A-11B	A-11B	AM-11	12	9	1.00%	2.2
A-11C	A-11C	A-11B	12	15	2.00%	2.3
A-11D	A-11D	AM-11	36	31	5.00%	75.4
A-12A	A-12A	AM-12	12	9	1.00%	2.0
AM-13	AM-13	AM-14	36	79	4.47%	0.0
AM-14	AM-14	AM-15	36	59	0.20%	0.0
FES-3	FES-3	AM-14	8	11	10.00%	0.0
BM-1	BM-1	AM-12	12	77	2.00%	18.7
B-1A	B-1A	BM-1	12	10	1.00%	1.9
B-1B	B-1B	BM-1	12	10	1.00%	1.9
BM-2	BM-2	BM-1	12	146	3.95%	34.3
B-2A	B-2A	BM-2	12	10	1.00%	2.1
B-2B	B-2B	BM-2	12	10	1.00%	2.1
BM-3	BM-3	BM-2	12	196	2.93%	44.8
B-3A	B-3A	BM-2	12	10	1.00%	2.0
B-3B	B-3B	BM-2	12	10	1.00%	2.0
CM-1	CM-1	CM-2	12	136	3.60%	0.0
C-1A	C-1A	CM-1	12	3	5.00%	0.0
C-1B	C-1B	C-1A	12	25	1.00%	3.7
CM-2	CM-2	CM-3	12	72	3.47%	0.0
C-2A	C-2A	CM-2	12	2	5.00%	0.0
C-2B	C-2B	C-2A	12	25	1.00%	3.7
CM-3	CM-3	CM-4	18	88	0.80%	115.6
C-3A	C-3A	CM-3	12	7	2.00%	0.0
CM-4	CM-4	CM-5	18	121	0.80%	188.8
C-4A	C-4A	CM-4	12	10	5.00%	3.1
CM-5	CM-5	CM-7	18	82	0.80%	127.4
C-5A	C-5A	CM-5	12	10	5.00%	3.3
C-5B	C-5B	CM-5	12	10	5.00%	3.3
CM-6	CM-6	CM-7	12	35	1.00%	9.4
C-6A	C-6A	CM-6	12	10	1.00%	2.1
C-6B	C-6B	C-6A	12	22	1.00%	3.3
C-6C	C-6C	CM-6	12	10	1.00%	2.1
C-6D	C-6D	C-6C	12	22	1.00%	3.3
CM-7	CM-7	CM-8	24	38	0.30%	22.3
CM-8	CM-8	EX CB	24 PVC	194	0.30%	0.0

F.A.U. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
4011	07-00072-00-PV	McHENRY	80	35
ILLINOIS PROJECT				
CONTRACT NO. 63137				

CONFLICT RESOLUTION CHARTS

PIPE NO	LOCATION		UPPER PIPE		LOWER PIPE		NOTES
	STATION	OFFSET	TYPE	BOTTOM ELEVATION	TYPE	TOP ELEVATION	
A-11C	616+28.2	14.0 FT LT	PROP 12" STORM	853.16	EX 10" SANITARY	844.20	
A-11A	616+31.6	9.0 FT RT	PROP 12" STORM	852.34	EX 10" SANITARY	843.44	
A-11D	616+54.9	19.5 FT LT	EX 6" GAS	853.50	PROP 36" STORM	848.10	
A-11D	616+57.1	21.5 FT LT	EX 12" WATERMAIN	850.00	PROP 36" STORM	848.40	
A-12C	616+61.3	31.3 FT LT	PROP 12" STORM	853.53	EX TELEPHONE	853.20	
CM-3	627+18.4	6.9 FT RT	EX ELECTRIC	869.60	PROP 18" STORM	865.23	
CM-3	627+19.7	7.4 FT RT	EX CATV	869.60	PROP 18" STORM	865.24	
CM-3	627+21.4	8.0 FT RT	EX 6" GAS	869.10	PROP 18" STORM	865.25	
CM-3	627+46.0	17.5 FT RT	PROP 18" STORM	862.47	EX 8" SANITARY	858.62	
CM-3	627+66.5	25.6 FT RT	EX 12" WATERMAIN	866.06	PROP 18" STORM	864.56	
CM-3	627+66.5	25.6 FT RT	EX TELEPHONE	869.85	PROP 18" STORM	864.85	
C-3A	627+85.8	25.0 FT RT	EX TELEPHONE	869.60	PROP 12" STORM	869.08	
CM-2	628+33.7	24.5 FT RT	EX TELEPHONE	870.50	PROP 12" STORM	870.23	
CM-1	629+11.9	20.2 FT RT	EX CATV	873.50	PROP 12" STORM	847.01	
CM-1	629+12.9	20.4 FT RT	EX ELECTRIC	873.50	PROP 12" STORM	874.05	

- 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		<p>HANSON ROAD IMPROVEMENTS</p> <p>EDGEWOOD DRIVE TO HUNTINGTON DRIVE</p> <p>DRAINAGE SCHEDULE</p> <p>DATE: 03-27-09</p> <p>DRAWN BY: AJR CHECKED BY: MAY</p> <p>GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC. CHICAGO, ILLINOIS</p>
NAME	DATE	