

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3509	00-00173-00-PP	COOK	246	15
STA.		TO STA.		
FED. ROAD DIST. NO. 7		ILLINOIS FED. AID PROJECT		

PLOT DATE = 7/12/07  
 FILE NAME = I:\105 PERIMETER DRIVE\DWG\1051 PERIMETER DRIVE\1051 SCHUBERT.dwg  
 PLOT SCALE = 50.0000 / 1" = 50.0000'  
 USER NAME = b.johnson

MANHOLE 5-STA 1017+51.82 TO MANHOLE 6-STA 1020+25.77 WILMETTE ATLAS MANHOLE 26 TO MANHOLE 25										
PR EX	PIPE SIZE	PIPE LENGTH	SLOPE	UP INVERT	DOWN INVERT					
		12"	270.0'	0.19%	602.39	601.89				
LATERALS	PIPE SIZE	PIPE LENGTH	SLOPE	UP INVERT	DOWN INVERT					
	12"	270.0'	0.22%	602.39	601.79					
LATERALS	DIST FROM UP MH	CAPPED	TAP AT:	INVERT ALONG EX PIPE	INVERT ALONG PR PIPE	DISTANCE TO ROW	SIZE	MATERIAL	SLOPE	CHANGE IN INVERT ELEV
1	9.0'	---	2:00 RT	602.37	602.37	46.1'	6"	PVC PIPE	1.00%	0.00
2	19.4'	---	10:00 LT	602.35	602.35	STORM SEWER LATERAL TO BE REMOVED				
3	52.5'	---	10:00 LT	602.29	602.27	32.9'	6"	PVC PIPE	1.00%	0.02
4	54.7'	---	2:00 RT	602.29	602.27	33.2'	6"	PVC PIPE	1.00%	0.02
5	121.4'	---	2:00 RT	602.17	602.12	33.0'	6"	PVC PIPE	1.00%	0.04

MANHOLE 6-STA 1020+25.77 TO MANHOLE 7-STA 1023+06.41 WILMETTE ATLAS MANHOLE 25 TO MANHOLE 18										
PR EX	PIPE SIZE	PIPE LENGTH	SLOPE	UP INVERT	DOWN INVERT					
		12"	276.6'	0.29%	601.87	601.06				
LATERALS	PIPE SIZE	PIPE LENGTH	SLOPE	UP INVERT	DOWN INVERT					
	12"	276.6'	0.26%	601.79	601.06					
LATERALS	DIST FROM UP MH	CAPPED	TAP AT:	INVERT ALONG EX PIPE	INVERT ALONG PR PIPE	DISTANCE TO ROW	SIZE	MATERIAL	SLOPE	CHANGE IN INVERT ELEV
6	5.2'	---	10:00 LT	601.85	601.78	STORM SEWER LATERAL TO BE REMOVED				
7	7.5'	---	2:00 RT	601.85	601.77	32.6'	6"	PVC PIPE	1.00%	0.08
8	59.3'	---	10:00 LT	601.70	601.63	STORM SEWER LATERAL TO BE REMOVED				
9	65.7'	---	2:00 RT	601.68	601.62	STORM SEWER LATERAL TO BE REMOVED				
10	67.0'	---	3:00 RT	601.67	601.61	20.1'	6"	PVC PIPE	1.00%	0.06
11	69.7'	---	3:00 RT	601.67	601.61	32.2'	6"	PVC PIPE	1.00%	0.06
12	80.3'	---	10:00 LT	601.63	601.58	33.6'	6"	PVC PIPE	1.00%	0.06
13	82.5'	---	2:00 RT	601.63	601.57	32.1'	6"	PVC PIPE	1.00%	0.06
14	152.9'	---	10:00 LT	601.42	601.39	STORM SEWER LATERAL TO BE REMOVED				
15	158.4'	---	2:00 RT	601.41	601.37	STORM SEWER LATERAL TO BE REMOVED				
16	184.1'	---	10:00 LT	601.33	601.30	34.3'	6"	PVC PIPE	1.00%	0.03
17	219.5'	CAPPED	2:00 RT	601.23	601.21	CAPPED				
17	244.2'	---	2:00 RT	601.15	601.15	31.4'	6"	PVC PIPE	1.00%	0.01

MANHOLE 7-STA 1023+06.41 TO MANHOLE 8-STA 1026+58.16 WILMETTE ATLAS MANHOLE 18 TO MANHOLE 17										
PR EX	PIPE SIZE	PIPE LENGTH	SLOPE	UP INVERT	DOWN INVERT					
		12"	352.5'	0.18%	601.06	600.41				
LATERALS	PIPE SIZE	PIPE LENGTH	SLOPE	UP INVERT	DOWN INVERT					
	12"	352.5'	0.22%	601.06	600.28					
LATERALS	DIST FROM UP MH	CAPPED	TAP AT:	INVERT ALONG EX PIPE	INVERT ALONG PR PIPE	DISTANCE TO ROW	SIZE	MATERIAL	SLOPE	CHANGE IN INVERT ELEV
18	30.9'	---	10:00 LT	601.00	600.99	33.9'	6"	PVC PIPE	1.00%	0.01
19	60.0'	---	2:00 RT	600.95	600.93	32.8'	6"	PVC PIPE	1.00%	0.02
20	117.8'	---	2:00 RT	600.84	600.80	33.2'	6"	PVC PIPE	1.00%	0.04
21	157.1'	---	3:00 RT	600.77	600.71	33.4'	6"	PVC PIPE	1.00%	0.06
22	162.9'	---	2:00 RT	600.76	600.70	33.4'	6"	PVC PIPE	1.00%	0.06
23	179.7'	---	10:00 LT	600.73	600.66	STORM SEWER LATERAL TO BE REMOVED				
24	200.3'	---	11:00 LT	600.69	600.62	32.4'	6"	PVC PIPE	1.00%	0.07
25	206.5'	---	3:00 RT	600.68	600.60	33.7'	6"	PVC PIPE	1.00%	0.08
26	213.2'	---	2:00 RT	600.67	600.59	33.7'	6"	PVC PIPE	1.00%	0.08
27	224.9'	---	10:00 LT	600.65	600.56	32.3'	6"	PVC PIPE	1.00%	0.08
28	262.6'	---	2:00 RT	600.58	600.48	34.0'	6"	PVC PIPE	1.00%	0.10
29	290.8'	---	10:00 LT	600.52	600.42	30.9'	6"	PVC PIPE	1.00%	0.11
30	299.4'	---	10:00 LT	600.51	600.40	31.8'	6"	PVC PIPE	1.00%	0.11
31	309.7'	---	2:00 RT	600.49	600.37	34.3'	6"	PVC PIPE	1.00%	0.11
32	352.5'	---	2:00 RT	600.41	600.28	44.0'	6"	PVC PIPE	1.00%	0.13

MANHOLE 8-STA 1026+58.16 TO MANHOLE 9-STA 1028+45.04 WILMETTE ATLAS MANHOLE 17 TO MANHOLE 11										
PR EX	PIPE SIZE	PIPE LENGTH	SLOPE	UP INVERT	DOWN INVERT					
		12"	187.5'	1.82%	600.41	596.99				
LATERALS	PIPE SIZE	PIPE LENGTH	SLOPE	UP INVERT	DOWN INVERT					
	12"	187.5'	0.22%	597.30	596.89					
LATERALS	DIST FROM UP MH	CAPPED	TAP AT:	INVERT ALONG EX PIPE	INVERT ALONG PR PIPE	DISTANCE TO ROW	SIZE	MATERIAL	SLOPE	CHANGE IN INVERT ELEV
33	61.3'	---	1:00 RT	599.29	597.17	33.7'	6"	PVC PIPE	1.00%	2.13
34	124.0'	---	1:00 RT	598.15	597.03	33.4'	6"	PVC PIPE	1.00%	1.12
35	129.5'	---	10:00 LT	598.05	597.02	STORM SEWER LATERAL TO BE REMOVED				

MANHOLE 9-STA 1028+45.04 TO MANHOLE 10-STA 1031+16.81 WILMETTE ATLAS MANHOLE 11 MANHOLE 10A										
PR EX	PIPE SIZE	PIPE LENGTH	SLOPE	UP INVERT	DOWN INVERT					
		15"	268.0'	0.15%	596.87	596.47				
LATERALS	PIPE SIZE	PIPE LENGTH	SLOPE	UP INVERT	DOWN INVERT					
	15"	268.0'	0.15%	596.87	596.47					
LATERALS	DIST FROM UP MH	CAPPED	TAP AT:	INVERT ALONG EX PIPE	INVERT ALONG PR PIPE	DISTANCE TO ROW	SIZE	MATERIAL	SLOPE	CHANGE IN INVERT ELEV
36	32.3'	---	10:00 LT	596.82	596.82	32.9'	6"	PVC PIPE	1.00%	0.00
37	36.2'	---	10:00 LT	596.82	596.82	STORM SEWER LATERAL TO BE REMOVED				
38	40.4'	---	1:00 RT	596.81	596.81	STORM SEWER LATERAL TO BE REMOVED				
39	67.6'	---	2:00 RT	596.77	596.77	33.3'	6"	PVC PIPE	1.00%	0.00
40	120.2'	---	2:00 RT	596.69	596.69	33.5'	6"	PVC PIPE	1.00%	0.00
41	140.2'	---	2:00 RT	596.66	596.66	33.5'	6"	PVC PIPE	1.00%	0.00
42	157.5'	---	11:00 LT	596.63	596.63	32.4'	6"	PVC PIPE	1.00%	0.00
43	159.4'	---	11:00 LT	596.63	596.63	32.4'	6"	PVC PIPE	1.00%	0.00
44	173.9'	---	2:00 RT	596.61	596.61	33.3'	6"	PVC PIPE	1.00%	0.00
45	217.4'	---	2:00 RT	596.55	596.55	33.8'	6"	PVC PIPE	1.00%	0.00
46	240.7'	---	1:00 RT	596.51	596.51	33.9'	6"	PVC PIPE	1.00%	0.00

MANHOLE 12-STA 1032+61.96 TO MANHOLE 13-STA 1033+40.15 WILMETTE ATLAS MANHOLE 12 TO TO MANHOLE 13										
PR EX	PIPE SIZE	PIPE LENGTH	SLOPE	UP INVERT	DOWN INVERT					
		15"	74.0'	0.16%	596.00	595.88				
LATERALS	PIPE SIZE	PIPE LENGTH	SLOPE	UP INVERT	DOWN INVERT					
	15"	74.0'	0.31%	596.00	595.77					
LATERALS	DIST FROM UP MH	CAPPED	TAP AT:	INVERT ALONG EX PIPE	INVERT ALONG PR PIPE	DISTANCE TO ROW	SIZE	MATERIAL	SLOPE	CHANGE IN INVERT ELEV
47	44.2'	---	10:00 LT	595.93	595.86	CAPPED				
47	71.2'	---	12:00 N/A	595.88	595.78	40.5'	6"	PVC PIPE	1.00%	0.11

MANHOLE 13-STA 1033+40.15 TO MANHOLE 14-STA 1035+49.46 WILMETTE ATLAS MANHOLE 2 TO MANHOLE 1										
PR EX	PIPE SIZE	PIPE LENGTH	SLOPE	UP INVERT	DOWN INVERT					
		15"	205.0'	0.24%	595.79	595.29				
LATERALS	PIPE SIZE	PIPE LENGTH	SLOPE	UP INVERT	DOWN INVERT					
	15"	205.0'	0.25%	595.77	595.26					
LATERALS	DIST FROM UP MH	CAPPED	TAP AT:	INVERT ALONG EX PIPE	INVERT ALONG PR PIPE	DISTANCE TO ROW	SIZE	MATERIAL	SLOPE	CHANGE IN INVERT ELEV
48	17.0'	---	10:00 LT	596.84	596.84	CAPPED				
48	28.9'	---	12:00 N/A	596.83	596.83	40.5'	6"	PVC PIPE	1.00%	0.00
49	40.0'	---	1:00 RT	596.81	596.81	39.4'	6"	PVC PIPE	1.00%	0.00
50	42.0'	---	2:00 RT	596.81	596.81	CAPPED				
50	45.0'	---	10:00 LT	596.80	596.80	CAPPED				
50	87.5'	---	12:00 N/A	596.74	596.74	STORM SEWER LATERAL TO BE REMOVED				
51	95.9'	---	10:00 LT	596.73	596.73	40.5'	6"	PVC PIPE	1.00%	0.00
52	98.3'	---	12:00 N/A	596.72	596.72	STORM SEWER LATERAL TO BE REMOVED				
53	117.1'	---	1:00 RT	596.70	596.70	39.3'	6"	PVC PIPE	1.00%	0.00
54	144.9'	---	11:00 LT	596.65	596.65	40.5'	6"	PVC PIPE	1.00%	0.00
55	147.3'	---	10:00 LT	596.65	596.65	CAPPED				
55	169.9'	---	1:00 RT	596.62	596.62	39.4'	6"	PVC PIPE	1.00%	0.00
56	199.0'	---	11:00 LT	596.57	596.57	40.8'	6"	PVC PIPE	1.00%	0.00
56	199.0'	CAPPED	10:00 LT	596.57	596.57	CAPPED				

MANHOLE 14-STA 1035+49.46 TO MANHOLE 15-STA 1037+59.11 WILMETTE ATLAS MANHOLE 1 TO MANHOLE 11										
PR EX	PIPE SIZE	PIPE LENGTH	SLOPE	UP INVERT	DOWN INVERT					
		15"	206.0'	0.27%	595.28	594.73				
LATERALS	PIPE SIZE	PIPE LENGTH	SLOPE	UP INVERT	DOWN INVERT					
	15"	206.0'	0.26%	595.26	594.73					
LATERALS	DIST FROM UP MH	CAPPED	TAP AT:	INVERT ALONG EX PIPE	INVERT ALONG PR PIPE	DISTANCE TO ROW	SIZE	MATERIAL	SLOPE	CHANGE IN INVERT ELEV
57	28.0'	---	11:00 LT	595.21	595.19	40.5'	6"	PVC PIPE	1.00%	0.02
58	31.3'	---	2:00 RT	595.20	595.18	39.4'	6"	PVC PIPE	1.00%	0.02
59	55.3'	---	12:00 N/A	595.13	595.12	40.5'	6"	PVC PIPE	1.00%	0.01
60	78.4'	---	11:00 LT	595.07	595.06	40.5'	6"	PVC PIPE	1.00%	0.01
61	163.0'	---	10:00 LT	594.84	594.84	39.8'	6"	PVC PIPE	1.00%	0.00
62	176.3'	---	10:00 LT	594.81	594.81	STORM SEWER LATERAL TO BE REMOVED				
63	176.3'	---	2:00 RT	594.81	594.81	STORM SEWER LATERAL TO BE REMOVED				
64	180.3'	---	2:00 RT	594.80	594.80	39.9'	6"	PVC PIPE	1.00%	0.00

MANHOLE 15-STA 1037+59.11 TO MANHOLE 17-STA 1039+67.22 WILMETTE ATLAS MANHOLE 11 TO MANHOLE 9									
PR EX	PIPE SIZE	PIPE LENGTH	SLOPE	UP INVERT	DOWN INVERT				
		15"	203.5'	0.33%	594.70	594.03			
LATERALS	PIPE SIZE	PIPE LENGTH	SLOPE	UP INVERT	DOWN INVERT				
	15"	203.5'	0.33%	594.70	594.03				
LATERALS	DIST FROM UP MH	CAPPED	TAP AT:	INVERT ALONG EX PIPE	INVERT ALONG PR PIPE	DISTANCE TO ROW	SIZE	MATERIAL	SLOPE</