

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3509	00-00173-00-FF	COOK	246	16
STA.	TO STA.			
FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT				

PLOT DATE = 7/12/2007
 PLOT NAME = 7/12/2007\83964\83964.dwg
 PLOT SCALE = 8.000000 / 1.00
 USER NAME = b.johnson

MANHOLE 18-STA 1041+74.26 TO MANHOLE 19-STA 1043+89.01										
WILMETTE ATLAS MANHOLE 8 TO MANHOLE 7										
PR EX	PIPE SIZE	PIPE LENGTH	SLOPE	UP INVERT	DOWN INVERT					
	24"	210.0'	0.37%	593.22	592.44					
LATERALS	PIPE SIZE	PIPE LENGTH	SLOPE	UP INVERT	DOWN INVERT					
	24"	210.0'	0.37%	593.22	592.44					
	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
81	12.2'	---	11:00 LT	593.17	593.17	39.6'	6"	PVC PIPE	1.00%	0.00
82	24.6'	---	12:00 N/A	593.13	593.13	39.7'	6"	PVC PIPE	1.00%	0.00
83	72.0'	---	1:00 RT	592.95	592.95	40.5'	6"	PVC PIPE	1.00%	0.00
84	77.2'	---	11:00 LT	592.93	592.93	39.8'	6"	PVC PIPE	1.00%	0.00
85	83.6'	---	3:00 RT	592.91	592.91	40.5'	6"	PVC PIPE	1.00%	0.00
86	125.0'	---	12:00 N/A	592.76	592.76	39.9'	6"	PVC PIPE	1.00%	0.00
87	173.9'	---	2:00 RT	592.57	592.57	39.5'	6"	PVC PIPE	1.00%	0.00
88	175.1'	---	10:00 LT	592.57	592.57	40.5'	6"	PVC PIPE	1.00%	0.00

MANHOLE 19-STA 1043+89.01 TO MANHOLE 20-STA 1046+08.70										
WILMETTE ATLAS MANHOLE 7 TO MANHOLE 6										
PR EX	PIPE SIZE	PIPE LENGTH	SLOPE	UP INVERT	DOWN INVERT					
	24"	215.0'	1.87%	592.44	588.43					
LATERALS	PIPE SIZE	PIPE LENGTH	SLOPE	UP INVERT	DOWN INVERT					
	24"	215.0'	1.87%	592.44	588.43					
	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
89	5.1'	---	1:00 RT	592.34	592.34	39.5'	6"	PVC PIPE	1.00%	0.00
90	5.1'	---	11:00 LT	592.34	592.34	40.5'	6"	PVC PIPE	1.00%	0.00
91	39.7'	---	1:00 RT	591.70	591.70	39.5'	6"	PVC PIPE	1.00%	0.00
92	55.0'	---	11:00 LT	591.41	591.41	40.5'	6"	PVC PIPE	1.00%	0.00
93	57.3'	---	10:00 LT	591.37	591.37	40.5'	6"	PVC PIPE	1.00%	0.00
94	106.7'	---	12:00 RT	590.45	590.45	39.9'	6"	PVC PIPE	1.00%	0.00
95	108.2'	---	9:00 LT	590.42	590.42	40.0'	6"	PVC PIPE	1.00%	0.00
96	152.4'	---	12:00 LT	589.60	589.60	STORM SEWER LATERAL TO BE REMOVED				
97	163.5'	---	1:00 RT	589.39	589.39	19.6'	6"	PVC PIPE	1.00%	0.00
98	215.7'	CAPPED	3:00 RT	588.42	588.42	CAPPED				
98	215.7'	---	9:00 LT	588.42	588.42	42.2'	6"	PVC PIPE	1.00%	0.00

MANHOLE 21-STA 1046+60.52 TO MANHOLE 22-STA 1043+83.69										
WILMETTE ATLAS MANHOLE 44 TO MANHOLE 43										
PR EX	PIPE SIZE	PIPE LENGTH	SLOPE	UP INVERT	DOWN INVERT					
	10"	219.2	0.53%	599.08	597.92					
LATERALS	PIPE SIZE	PIPE LENGTH	SLOPE	UP INVERT	DOWN INVERT					
	12"	219.2	0.53%	599.08	597.92					
	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
99	12.2'	---	9:00 LT	599.02	599.02	40.5'	6"	PVC PIPE	1.00%	0.00
100	15.5'	CAPPED	10:00 LT	599.00	599.00	CAPPED				
101	63.9'	---	9:00 LT	598.74	598.74	40.6'	6"	PVC PIPE	1.00%	0.00
102	92.6'	CAPPED	2:00 RT	598.59	598.59	CAPPED				
103	94.6'	---	1:00 RT	598.58	598.58	39.4'	6"	PVC PIPE	1.00%	0.00
104	115.5'	---	10:00 LT	598.47	598.47	40.8'	6"	PVC PIPE	1.00%	0.00
105	132.0'	---	11:00 LT	598.38	598.38	STORM SEWER LATERAL TO BE REMOVED				
106	137.0'	---	1:00 RT	598.36	598.36	STORM SEWER LATERAL TO BE REMOVED				
107	140.5'	CAPPED	2:00 RT	598.34	598.34	CAPPED				
108	143.1'	---	1:00 RT	598.32	598.32	39.2'	6"	PVC PIPE	1.00%	0.00
109	166.2'	CAPPED	10:00 LT	598.20	598.20	CAPPED				
110	170.0'	---	2:00 RT	598.18	598.18	39.0'	6"	PVC PIPE	1.00%	0.00
111	188.7'	CAPPED	11:00 LT	598.08	598.08	CAPPED				
112	218.0'	CAPPED	2:00 RT	597.93	597.93	CAPPED				
113	220.5'	---	2:00 RT	597.91	597.91	38.9'	6"	PVC PIPE	1.00%	0.00
114	220.5'	---	9:00 LT	597.91	597.91	41.1'	6"	PVC PIPE	1.00%	0.00

MANHOLE 22-STA 1043+83.69 TO MANHOLE 23-STA 1050+72.65										
WILMETTE ATLAS MANHOLE 43 TO MANHOLE 42										
PR EX	PIPE SIZE	PIPE LENGTH	SLOPE	UP INVERT	DOWN INVERT					
	10"	185	0.58%	597.92	596.84					
LATERALS	PIPE SIZE	PIPE LENGTH	SLOPE	UP INVERT	DOWN INVERT					
	12"	185	0.58%	597.92	596.84					
	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
109	42.1'	---	10:00 LT	597.67	597.67	41.2'	6"	PVC PIPE	1.00%	0.00
110	42.3'	CAPPED	2:00 RT	597.67	597.67	CAPPED				
111	89.3'	---	2:00 RT	597.40	597.40	39.0'	6"	PVC PIPE	1.00%	0.00
112	92.4'	---	10:00 LT	597.38	597.38	41.0'	6"	PVC PIPE	1.00%	0.00
113	93.7'	CAPPED	11:00 LT	597.37	597.37	CAPPED				
114	108.0'	---	11:00 LT	597.29	597.29	STORM SEWER LATERAL TO BE REMOVED				
115	111.8'	---	2:00 RT	597.27	597.27	STORM SEWER LATERAL TO BE REMOVED				
116	123.6'	---	1:00 RT	597.20	597.20	38.8'	6"	PVC PIPE	1.00%	0.00
117	141.3'	---	10:00 LT	597.10	597.10	41.0'	6"	PVC PIPE	1.00%	0.00
118	144.3'	CAPPED	10:00 LT	597.08	597.08	CAPPED				
119	144.9'	---	1:00 RT	597.07	597.07	39.1'	6"	PVC PIPE	1.00%	0.00
120	163.2'	CAPPED	2:00 RT	596.97	596.97	CAPPED				
121	163.9'	---	2:00 RT	596.96	596.96	39.1'	6"	PVC PIPE	1.00%	0.00

MANHOLE 23-STA 1050+72.65 TO MANHOLE 24-STA 1052+83.44										
WILMETTE ATLAS MANHOLE 42 TO MANHOLE 41										
PR EX	PIPE SIZE	PIPE LENGTH	SLOPE	UP INVERT	DOWN INVERT					
	10"	207	0.79%	596.84	595.21					
LATERALS	PIPE SIZE	PIPE LENGTH	SLOPE	UP INVERT	DOWN INVERT					
	12"	207	0.68%	596.84	595.43					
	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
118	4.0'	CAPPED	10:00 LT	596.81	596.81	CAPPED				
119	5.3'	---	10:00 LT	596.80	596.80	41.0'	6"	PVC PIPE	1.00%	-0.01
120	24.8'	CAPPED	2:00 RT	596.64	596.67	CAPPED				
121	28.1'	---	2:00 RT	596.62	596.65	38.7'	6"	PVC PIPE	1.00%	-0.03
122	50.6'	CAPPED	10:00 LT	596.44	596.50	CAPPED				
123	52.7'	CAPPED	2:00 RT	596.43	596.48	CAPPED				
124	54.7'	---	10:00 LT	596.41	596.47	41.9'	6"	PVC PIPE	1.00%	-0.06
125	102.0'	CAPPED	10:00 LT	596.04	596.15	CAPPED				
126	104.3'	CAPPED	2:00 RT	596.02	596.13	CAPPED				
127	104.3'	---	10:00 LT	596.02	596.13	42.6'	6"	PVC PIPE	1.00%	-0.11
128	127.4'	---	10:00 LT	595.84	595.97	STORM SEWER LATERAL TO BE REMOVED				
129	132.3'	---	2:00 RT	595.80	595.94	STORM SEWER LATERAL TO BE REMOVED				
130	134.4'	---	2:00 RT	595.78	595.92	43.1'	6"	PVC PIPE	1.00%	-0.14
131	153.7'	---	11:00 LT	595.63	595.79	43.4'	6"	PVC PIPE	1.00%	-0.16
132	192.2'	---	2:00 RT	595.33	595.53	37.2'	6"	PVC PIPE	1.00%	-0.20

MANHOLE 25-STA 1055+30.39 TO MANHOLE 24-STA 1052+83.44										
WILMETTE ATLAS MANHOLE 45 TO MANHOLE 41										
PR EX	PIPE SIZE	PIPE LENGTH	SLOPE	UP INVERT	DOWN INVERT					
	10"	243	0.21%	595.73	595.21					
LATERALS	PIPE SIZE	PIPE LENGTH	SLOPE	UP INVERT	DOWN INVERT					
	12"	243	0.22%	595.96	595.43					
	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
127	9.3'	---	10:00 RT	595.71	595.94	39.0'	6"	PVC PIPE	1.00%	-0.23
128	30.3'	CAPPED	1:00 LT	595.67	595.89	CAPPED				
129	32.9'	---	1:00 LT	595.66	595.89	41.4'	6"	PVC PIPE	1.00%	-0.23
130	43.5'	---	10:00 RT	595.64	595.87	38.5'	6"	PVC PIPE	1.00%	-0.23
131	51.5'	CAPPED	10:00 RT	595.62	595.85	CAPPED				
132	66.1'	---	2:00 LT	595.59	595.82	41.5'	6"	PVC PIPE	1.00%	-0.23
133	72.7'	CAPPED	2:00 LT	595.57	595.80	CAPPED				
134	91.3'	CAPPED	10:00 RT	595.53	595.76	CAPPED				
135	93.9'	---	10:00 RT	595.53	595.76	37.7'	6"	PVC PIPE	1.00%	-0.23
136	113.0'	CAPPED	2:00 LT	595.49	595.71	CAPPED				
137	116.3'	---	2:00 LT	595.48	595.71	42.5'	6"	PVC PIPE	1.00%	-0.23
138	141.5'	CAPPED	10:00 RT	595.43	595.65	CAPPED				
139	154.3'	CAPPED	10:00 RT	595.40	595.62	CAPPED				
140	184.5'	CAPPED	10:00 RT	595.34	595.56	CAPPED				
141	194.7'	---	10:00 RT	595.31	595.54	36.5'	6"	PVC PIPE	1.00%	-0.22

MANHOLE 26-STA 1057+78.92 TO MANHOLE 25-STA 1055+30.39										
WILMETTE ATLAS MANHOLE 46 TO MANHOLE 45										
PR EX	PIPE SIZE	PIPE LENGTH	SLOPE	UP INVERT	DOWN INVERT					
	10"	244.5	0.21%	596.25	595.73					
LATERALS	PIPE SIZE	PIPE LENGTH	SLOPE	UP INVERT	DOWN INVERT					
	12"	244.5	0.22%	596.50	595.96					
	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
134	13.4'	---	10:00 RT	596.22	596.47	39.5'	6"	PVC PIPE	1.00%	-0.25
135	34.2'	---	2:00 LT	596.18	596.42	40.5'	6"	PVC PIPE	1.00%	-0.25
136	55.7'	CAPPED	10:00 RT	596.13	596.38	CAPPED				
137	59.3'	---	10:00 LT	596.12	596.37	STORM SEWER LATERAL TO BE REMOVED				
138	74.5'	CAPPED	2:00 LT	596.09	596.34	CAPPED				
139	95.3'	---	11:00 RT	596.05	596.29	39.4'	6"	PVC PIPE	1.00%	-0.24
140	116.6'	---	2:00 LT	596.00	596.24	40.5'	6"	PVC PIPE	1.00%	-0.24
141	137.2'	CAPPED	10:00 RT	595.96	596.20	CAPPED				
142	158.2'	---	2:00 LT	595.91	596.15	40.5'	6"	PVC PIPE	1.00%	-0.24
143	177.3'	---	2:00 LT	595.87	596.11	40.5'	6"	PVC PIPE	1.00%	-0.24
144	182.7'	---	10:00 RT	595.86	596.10	39.1'	6"	PVC PIPE	1.00%	-0.24
145	188.2'	---	2:00 LT	595.85	596.08	40.5'	6"	PVC PIPE	1.00%	-0.23
146	200.2'	---	10:00 RT	595.82	596.06	39.1'	6"	PVC PIPE	1.00%	-0.23
147	201.7'	---	2:00 LT	595.82	596.05	40.5'	6"	PVC PIPE	1.00%	-0.23
148	219.2'	CAPPED	10:00 RT	595.78	596.02	CAPPED				
149	223.2'	---	10:00 RT	595.78	596.01					