REMOVAL AND REPLACEMENT
QUANTITY
(SQ YD)
2
10
3
4
3
13
3
3
3
4
5
4
2
5
64

PATCHING WIDTH TABLE	
PIPE SIZE	MAXIMUM PATCH
AND TYPE	WIDTH (FT)
1 1/2" WATER SERVICE	5.20
4" PVC SDR 18 WATER MAIN	5.40
6" PVC SDR 18 WATER MAIN	5.55
8" PVC SDR 18 WATER MAIN	5.75
12" PVC SDR 18 WATER MAIN	6.10
12" RCP STORM SEWER	6.35
15" RCP STORM SEWER	6.65
18" RCP STORM SEWER	6.90
21" RCP STORM SEWER	7.20
24" RCP STORM SEWER	7.50
10" CLAY SANITARY SEWER	6.00
24" PVC SDR 26 SANITARY SEWER	7.15

PATCH WIDTHS FOR PROPOSED STRUCTURE INSTALLATION OR EXISTING STRUCTURE REMOVAL SHALL BE DETERMINED BY THE ENGINEER.

STATION	OFFSET	QUANTITY
100+55	LT	1
102+28	RT	i
102+39	LT	1 1
102+58	RT	1
102+30	RT	<del>i</del>
103+90	LT	i
103+88	ŘŤ	l i
104+66	RT	<del>i i</del>
105+05	RT	i
105+38	RT	i
105+77	RT	1
106+19	RT	ī
107+15	RT	i
107+50	RT	i
107+90	RT	i
108+20	RT	1
108+58	RT	1
108+89	RT	1
109+24	RT	1
109+86	RT	1
110+69	RT	1
137+43	LT	1
141+31	RT	. 1
142+93	RT	1
143+46	RT	1
144+12	RT	1
144+21	LT	1
202+40	LT	1
204+52	RT	1
205+14	RT	1
303+01	LT	- 1
303+77	LT	1
305+72	LT	1
305+89	RT	1
306+91	RT	1

TREE TRUNK PROTECTION

SANITARY MANHOLE REHABILITATION REQUIREMENTS							
					INTERIOR	SANITARY	
MANHOLE	DIAMETER	RIM	INVERT	DEPTH	REHABILITATION	MANHOLE	
NUMBER	(IN.)			(FT.)	(CEMENTITIOUS	TO BE	
					LINING)	ADJUSTED	
H1474	FIELD VERIFY	716.30	706.12	10.18	X	X	
H1476	FIELD VERIFY	717.36	706.96	10.40	X	X	
H76	FIELD VERIFY	722.89	713.64	9.25	X	X	
H74	FIELD VERIFY	724.61	713.61	11.00	X	X	
H72	FIELD VERIFY	722.83	714.17	8.66	X	Χ	
H70	FIELD VERIFY	720.74	713.72	7.02	X	X	
H68	FIELD VERIFY	725.26	713.16	12.10	X	X	
H66	FIELD VERIFY	726.87	713.24	13.63	X	- X	
H64	FIELD VERIFY	725.85	712.75	13.10	X	X	
H62	FIELD VERIFY	721.04	711.84	9.20	X	X	
H61	FIELD VERIFY	720.85	711.76	9.09	X	X	
H60	FIELD VERIFY	719.34	711.64	7.70	X	X	
H58	FIELD VERIFY	718.93	711.08	7.85	X	X	
H56	FIELD VERIFY	717.38	710.83	6.55	X	X	
H54	FIELD VERIFY	719.64	710.64	9.00	×	X	
H42	FIELD VERIFY	711.23	704.73	6.50	X	X	
H40	FIELD VERIFY	711.50	704.05	7.45	X	X	
H110	FIELD VERIFY	716.29	708.49	7.80	X	X	

# **BENCHMARKS**

# SOURCE BENCHMARK 1:

3.5" BRASS DISK ON A VACANT CONCRETE BASE FOR A RAILROAD CROSSING SIGNAL LOCATED AT THE NORTHWEST CORNER OF THE INTERSECTION OF GARFIELD AVENUE AND EAST HINSDALE ROAD, NORTH OF THE RAILROAD TRACKS - NGS MARKER 0139. ELEVATION: 688.82 (NAVD 88)

## SOURCE BENCHMARK 2:

BRONZE DISK IN THE TOP OF A CONCRETE POST EXTENDING 0.25 FEET ABOVE THE GROUND SURFACE LOCATED AT THE SOUTHEAST CORNER OF THE INTERSECTION OF CHICAGO AVENUE AND OAK STREET - NGS MARKER K 53. ELEVATION: 676.86 (NAVD 88)

## SITE BENCHMARK 3:

EAST UPPER FLANGE BOLT OF A FIRE HYDRANT LOCATED AT THE SOUTHWEST CORNER OF THE INTERSECTION OF GARFIELD AVENUE AND THIRD STREET. ELEVATION: 719.39 (NAVD 88)

EAST UPPER FLANGE BOLT OF A FIRE HYDRANT LOCATED AT THE NORTHWEST CORNER OF THE INTERSECTION OF GARFIELD AVENUE AND FOURTH STREET. ELEVATION: 718.56 (NAVD 88)

# SITE BENCHMARK 5:

NORTH UPPER FLANGE BOLT OF A FIRE HYDRANT LOCATED AT THE NORTHWEST CORNER OF THE INTERSECTION OF GARFIELD AVENUE AND FIFTH STREET. ELEVATION: 723.48 (NAVD 88)

### SITE BENCHMARK 6:

BRONZE DISK INSCRIBED VILLAGE OF HINSDALE IN THE TOP OF A CONCRETE POST FLUSH WITH THE GROUND SURFACE LOCATED AT THE SOUTHWEST CORNER OF THE INTERSECTION OF GARFIELD AVENUE AND SIXTH STREET. ELEVATION: 719.42 (NAVD 88)

### SITE BENCHMARK 7:

NORTH UPPER FLANGE BOLT OF A FIRE HYDRANT LOCATED AT THE NORTHWEST CORNER OF THE INTERSECTION OF GARFIELD AVENUE AND ULM PLACE. ELEVATION: 722,20 (NAVD 88)

## SITE BENCHMARK 8:

NORTHWEST UPPER FLANGE BOLT OF A FIRE HYDRANT LOCATED AT THE NORTHWEST CORNER OF THE INTERSECTION OF GARFIELD AVENUE AND SEVENTH STREET. ELEVATION: 728.68 (NAVD 88)

## SITE BENCHMARK 9:

NORTH UPPER FLANGE BOLT OF A FIRE HYDRANT LOCATED AT THE SOUTHEAST CORNER OF THE INTERSECTION OF GARFIELD AVENUE AND EIGHTH STREET. ELEVATION: 726.44 (NAVD 88)

# SITE BENCHMARK 10:

SOUTH UPPER FLANGE BOLT OF A FIRE HYDRANT LOCATED AT THE NORTHEAST CORNER OF THE INTERSECTION OF GARFIELD AVENUE AND NINTH STREET. ELEVATION: 718.27 (NAVD 88)

# SITE BENCHMARK 11:

CHISELLED 'X' ON NORTH EDGE OF MANHOLE RIM LOCATED AT THE CENTER OF THE INTERSECTION OF GARFIELD AVENUE AND 55TH STREET. ELEVATION: 716.59 (NAVD 88)

COUNTY TOTAL SHEE

DUPAGE

SEC Group, Inc.  Surveying Plenning Ple
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USER NAME = sjohnson	DESIGNED ~		REVISED	-	
	DRAWN	-	SVJ	REVISED	-
PLOT SCALE = NONE	CHECKED	-	GT	REVISED	-
PLOT DATE = 8/13/2009	DATE	-	8/13/09	REVISED	-