

Date: 4/30/12 - 5/16/12
 Cardno TBE Project No.: IL09500412
 Contract No.: 66883
 Section No.: N/A
 Road Name/No.: RT. 47

Cardno TBE
 Subsurface Utility Engineering
 Test Hole Field Data

Vac Truck/Trailer No.: 550423
 SUE Crew: CJ, ER, JB, JD, JM, LP
 City/State: Morris, IL
 Location: RT. 47
 Units: English Metric

Cardno TBE Office: Chicago, IL

Utility Type:	Utility Material:	Offset Measured From:	Identified By:
E- Electrical G- Gas Line BT- Buried Telephone FOC- Fiber Optic Cable W- Water SAN- Sanitary Sewer STM- Storm Sewer CATV- Cable Television FM- Force Main RW- Reclaimed Water SL- Street Light TS- Traffic signal FL- Fuel Line EXP- Exploratory UNK- Unknown Other-	1- Metallic 2- Steel 3- PVC (Polyvinyl Chloride) 4- DIP (Ductile Iron Pipe) 5- VCP (Vitrified Clay Pipe) 6- PE (Polyethylene Pipe) 7- AC (Transite) 8- CI (Cast Iron) 9- DBC (Direct Buried Cable) 10- Concrete 11- Corrugated Metal Pipe 12- Fiberglass 13- Terra Cotta 14- Unknown 15-	30- Edge of Pavement 31- Baseline 32- Right-of-Way 33- Centerline 34- Back of Curb 35- Survey Hub 36- "X" in Concrete 37- Swing Ties 38- Ref. Point in Driveway 39-	20- Sleeve 21- Hub/Lathe 22- Nail/Disk* 23- "X" in Concrete 24- SIRC 5/8*** 25- 26- * Set Nail and Disk Stamped "TBE Test Hole" ** Set Iron Rod & Cap Stamped "TBE Test Hole"

Test Hole Date	Test Hole No.	Utility Type	Utility Material	Nominal Utility Size	Approx. Station	Approx. Offset Distance		Offset Meas. From	Manual Depth	Cross Sectional View (Approx.)	Utility Direction	ID'd By	Surface Type	Pvmt. Thickness
						L	R							
05/11/12	30	W	SEE NOTE	SEE NOTE	6102+00		66.2	33	4.48	SEE NOTE	↑	24	NG	N/A
05/11/12	31	W	6	12"	6104+48		66.5	33	4.58	⌒	↑	24	NG	N/A
05/16/12	32	W	6	12"	6107+00		65.0	33	4.88	⌒	↑	24	NG	N/A
05/14/12	33	W	6	12"	6152+03		52.0	33	5.29	⌒	↑	22	A	4
05/11/12	34	W	SEE NOTE	SEE NOTE	6151+81	78.7		33	5.28	SEE NOTE	↔	22	A	4
05/08/12	35	W	6	12"	6175+80		24.5	33	5.79	⌒	↑	22	A	2
05/08/12	36	W	6	12"	6176+84		25.0	33	5.84	⌒	↑	22	A	2
05/08/12	37	W	6	12"	6178+70		35.0	33	5.00	⌒	↗	24	NG	N/A
04/30/12	38	W	6	12"	101+32		51.0	33	5.23	⌒	↗	24	NG	N/A
04/30/12	39	W	6	12"	102+51		18.5	33	3.09	⌒	↔	24	NG	N/A
04/30/12	40	W	6	12"	104+12		24.5	33	4.51	⌒	↔	24	NG	N/A
05/01/13	41	W	SEE NOTE	SEE NOTE	6099+00		67.3	33	7.30	SEE NOTE	↑	24	NG	N/A
05/01/13	42	W	6	12"	6099+20		66.6	33	6.96	○	↑	24	NG	N/A

Notes:

Sheet 1 of 1 Prepared By: SRC Date: 5/18/12 /QC By: EG Date: 6/5/12

Test Hole No.	Top of Utility	Reference Point	Calculated Depth (FT)	Quality Level	Notes
30	Manual	Depth	4.48	B	See note A below.
31	9.59	5.01	4.58	A	
32	10.09	5.21	4.88	A	
33	Manual	Depth	5.29	A	Utility was visible for a brief moment before the excavated hole began to fill up with excessive ground water and collapsing gravel.
34	Manual	Depth	5.28	B	See note A below.
35	9.92	4.13	5.79	A	
36	10.57	4.73	5.84	A	
37	10.63	5.63	5.00	A	
38	10.45	5.22	5.23	A	
39	8.15	5.06	3.09	A	
40	9.28	4.77	4.51	A	
41	Manual	Depth	7.30	B	See note A below.
42	12.12	5.16	6.96	A	Briefly exposed top of pipe, Light Green in color.

Comments:

Note A: Unable to visually see the utility due to excessive ground water and gravel continually collapsing within the excavated hole. However, by utilizing the air lance we were able to feel the top and sides of pipe. Size and material could not be determined.