Date: 10/08/2010
Cardno TBE Project No.: IL09500410
Client Proj. No.: NA
Work Order No.: 410
Road Name/No.: RT 34

Cardno TBE

Subsurface Utility Engineering
Test Hole Field Data

Cardno TBE Office: CHICAGO

Vac Truck/Trailer No.: 55-311
SUE Crew: EG, JD, MS
City/State: PLANO / ILLINOIS
Location: RT 34 & WAUBONSEE RD
Units: English ☑ Metric ☐

Utility Type:

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
UNK- Unknown
Other-

Utility Material:

1- Steel
2- PVC (Polyvinyl Chloride)
3- DIP (Ductile Iron Pipe)
4- VCP (Vitrified Clay Pipe)
5- PE (Polyethylene Pipe)
6- AC (Transite)
7- CI (Cast Iron)
8- DBC (Direct Buried Cable)
9- Concrete Pipe
10- Corrugated Metal Pipe
11- Fiberglass
12- Unknown
13- Concrete
14-
15-

Offset Measured From:

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-

Surface Type:

A- Asphalt
C- Concrete
NG- Natural Ground

Identified By:

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 ft. ☑ m. ☐ L	Approx. Offset Distance ft. ☑ m. ☐ R	Offset Meas. From	Manual Depth ft. ☑ m. ☐	Cross Sectional View (Approx.)	Utility Direction	ID'd By	Surface Type	Pvmnt. Thickness in. ☐ mm. ☐
10/08/10	W1	FOC	5	2	70+35		28.7	33	3.21		↘	24	NG	NA
10/08/10	W2	FOC	5	2	70+18	28.6		33	4.00		↘	24	NG	NA
10/08/10	W3	FOC	5	2	68+00	45.7		33	2.57		⟷	24	NG	NA
10/08/10	W4	FOC	5	4	65+75	61.4		33	3.81		⟷	24	NG	NA
10/08/10	W5	E	5	4	64+12	40.4		33	2.50		↕	24	NG	NA
10/08/10	W6	E	5	4	64+12		28.7	33	2.93		↕	24	NG	NA
10/08/10	W7	E	5	4	64+50		70.0	33	3.22		⟷	24	NG	NA
10/08/10	W8	E	5	4	65+45		68.0	33	3.09		⟷	24	NG	NA
10/08/10	W9	E	5	2	63+90		56.7	33	2.12		↘	24	NG	NA
10/08/10	W10	E	5	2	61+00		56.0	33	3.03		⟷	24	NG	NA

Notes:

Sheet 1 of 2 Prepared By: EG Date: 10/9/2010 QC By: SW Date: 10/10/2010

Date: 10/08/2010
Cardno TBE Project No.: IL09500407
Client Proj. No.: NA
Work Order No.: 407
Road Name/No.: RT 34

Cardno TBE

Subsurface Utility Engineering
Test Hole Field Data

Cardno TBE Office: CHICAGO

Vac Truck/Trailer No.: 55-311
SUE Crew: EG, JD, MS
City/State: PLANO / ILLINOIS
Location: RT 34 Sta. 19+00 to 115+00
Units: English ☑ Metric ☐

Utility Type:

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
UNK- Unknown
Other-

Utility Material:

1- Steel
2- PVC (Polyvinyl Chloride)
3- DIP (Ductile Iron Pipe)
4- VCP (Vitrified Clay Pipe)
5- PE (Polyethylene Pipe)
6- AC (Transite)
7- CI (Cast Iron)
8- DBC (Direct Buried Cable)
9- Concrete Pipe
10- Corrugated Metal Pipe
11- Fiberglass
12- Unknown
13- Concrete
14-
15-

Offset Measured From:

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-

Surface Type:

A- Asphalt
C- Concrete
NG- Natural Ground

Identified By:

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	Utility Size (Nom.) in. ☑ mm. ☐	Approx. Station	Approx. Offset Distance ft. ☑ m. ☐ L	Approx. Offset Distance ft. ☑ m. ☐ R	Offset Meas. From	Manual Depth ft. ☑ m. ☐	Cross Sectional View (Approx.)	Utility Direction	ID'd By	Surface Type	Pvmnt. Thickness in. ☐ mm. ☐
NA	1	SEE	NOTE	NA	19+20			NA	NA	NA	NA	NA	NA	NA
09/14/10	2	G	1	8	19+32		46.2	33	7.43		⟷	24	NG	NA
05/20/10	3	G	1	8	25+20	31.3		33	5.29		↘	24	NG	NA
05/20/10	4	G	1	8	28+72	33.0		33	4.21		⟷	24	NG	NA
04/06/10	5	BT	8	1.5	35+80	43.0		33	2.65		⟷	24	NG	NA
04/06/10	5A	FOC	5	2	35+80	40.0		33	5.94		⟷	24	NG	NA
04/06/10	6	G	1	8	35+80	48.0		33	3.38		⟷	24	NG	NA
04/07/10	7	BT	8	1	37+63	61.0		33	1.98		↕	24	NG	NA
04/08/10	8	W	3	24	37+74		60.0	33	7.44		⟷	24	NG	NA
04/07/10	9	G	1	4	37+95	59.2		33	3.48		↕	24	NG	NA
04/07/10	10	FOC	8	.75	38+00		39.2	33	4.60		⟷	24	NG	NA
04/07/10	11	BT	8	1.75	38+00		43.7	33	3.03		⟷	24	NG	NA
04/08/10	12	FOC	2	(2) 4	38+00		45.0	33	2.66		⟷	24	NG	NA
04/08/10	12A	FOC	8	1	38+00		47.0	33	4.13		⟷	24	NG	NA
04/08/10	13	W	3	24	38+10		32.6	33	4.83		↕	24	NG	NA
04/07/10	14	W	3	12	38+18	38.3		33	5.76		↕	24	NG	NA
04/06/10	15	G	1	8	38+36	28.0		33	3.01		⟷	24	NG	NA
04/06/10	16	G	1	8	38+36	45.0		33	3.74		⟷	24	NG	NA
04/28/10	17	FOC	8	.25 / .75	45+30		37.0	33	4.00		⟷	24	NG	NA
04/28/10	18	BT	8	1.5	45+30		43.0	33	2.71		⟷	24	NG	NA

Notes:

Sheet 1 of 3 Prepared By: EG Date: 10/15/2010 QA /QC By: SW Date: 10/12/2010