Date: 09/29		/29/2010 - 1/5/2012							Vac Tr	Vac Truck/Trailer No.: 55-311 & 55-423						
Cardno TBE Project No.: IL09500411				Cardno						SUE Crew: JD,JB,ER,CJ,EJ,IP						
Client Proj. No.: PTB-141-012																
Work Order No.:					Subsurface Utility Engineering					County	County/State: Kendall/Grundy/ IL					
Road Name/No.:RT-47					Test Hole Field Data Cardno TRE Office: Schaumburg, IL					Locatio	Location: RT-47					
					Cardno TBE	Office:				Units:						
=	ity Typ	e:		Itility Ma	aterial:			et Meas		_						
G- Gas BT- Bub FOC- Fib W- Wa SAN- San STM- Sto CATV- Cat FM- For RW- Rec SL- Stn TS- Tra FL- Fue EXP- EXI UNK- Uni Other-	nitary Seinm Sewe one Televi ce Main claimed V eet Light ffic signa el Line ploratory known	Cable wer er sision Vater	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- 14-			31- E 32- F 33- C 34- E 35- S 36- ** 37- S 38- F 39- A C- Cc NG- Na	idge of Parasseline tight-of-W Centerline sack of Cu survey Hull X" in Cono wing Ties tef. Point i Surfac sphalt shural Groi	ay rb b crete n Drivew.	ay	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	Utility Type	Utility Material	Nominal Utility	Approx. Station		rox. fset	Offset Meas.	Manual Depth	Cross Sectional	Utility Direction	ID'd By	Surface Type	Pvmnt- Thick-		
	No.	1,750	r-idecilidi	Size	Station		ance	From	Бери	View	_ #_		1,750	ness		
						ft.☑ L	m.		ft. 🗸 m. 🗌	(Approx.)	₩ * ¥			in. mm:		
12/12/11	1	G	1	SEE NOTES	6098+65	30.64		33	6.15	0	\longleftrightarrow	24	NG	N/A		
12/12/11	. 2	G	1	10"	6098+15		40.24	33	5.17	0	/	24	NG	N/A		
12/13/11	. 3	G	1	10"	6098+15		40.58	33	5.08	0	1	24	NG	N/A		
12/13/11	4	G	1	10°	6099+00	48.45		33	4.85	0	1	22	NG	N/A		
12/13/11	. 5	G	1	10"	6099+10		73.17	33	4.07	0	\longrightarrow	23	NG	N/A		
12/13/11	6	G	1	10"	6098+70		74.15	33	4.74		\longleftrightarrow	23	NG	N/A		
12/13/11	7	G	1	36"	6099+65		69.56	33	7.82	0	←	24	NG	N/A		
12/21/11	. 8	G	1	SEE NOTES	6229+10		44.26	33	6.90		/	24	NG	N/A		
12/21/11	. 9	G	1	24"	6227+60		45.25	33	5.50	0	1	24	NG	N/A		
12/21/11	10	G	1	36"	6226+75		45.43	33	5.86	0	1	24	NG	N/A		
01/10/12	11	G	1	36"	6226+10	27.23		33	4.10	0	1	24	NG	N/A		
01/09/12	12	G	1	SEE NOTES	6100+10	65.00		33	8.65	SEE NOTES	*	24	NG	N/A		
01/09/12	13	G	1	42"	6228+60	31.38		33	2.67	0	/	24	NG	N/A		
01/09/12	14	G	1	SEE NOTES	6227+00	31.13		33	4.49	0	/	24	NG	N/A		
09/29/10	15	G	1	36"	6284+50	32.4		33	6.56	Ó	_ 	24	NG	N/A		
09/29/10	16	G	1	36"	6284+50	257.4		33	5.06	0	←→	24	NG	N/A		
09/29/10	17	G	1	36"	628 4 +50		34.0	33	6.71	0	\longleftrightarrow	24	NG	N/A		
Notes:	TH'S 1	-4 offse	ts were t	aken from	CL of Nels	on Rd.	TH's 5	-14 were	taken fi	om CL of	RT-47.					
Sheet <u>1</u> of <u>1</u> Prepared By: <u>IP</u> Date: <u>1/05/12</u> /QC By: <u>EG</u> Date: <u>1/24/12</u>																

STM- Storic CATV- Cable FM- Force RW- Recki SL- Street TS- Traff FL- Fuel EXP- Exple	tary Sev m Sewe e Televi e Main aimed W et Light ic signa	ver r sion /ater	5- PE (Polyethylene Pipe) 6- AC (Transite) 7- CI (Cast Iron) 8- DBC (Direct Burled Cable) 9- Concrete Pipe 10- Corrugated Metal Pipe 11- Fiberglass 12- Unknown 13- 14-				35- S 36- ": 37- S 38- R 39- A- As C- Co	ack of Cu jurvey Hul X" in Cond wing Ties ef. Point i Surfac phalt increte itural Gro	b crete in Drivewa ce Type	2 2 2 2 2	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	Off	rox. set ance m	Offset Meas. From	Manual Depth ft. 🗸 m. 🗌	Cross Sectional View (Approx.)	Utility Direction	ID'd By	Surface Type	Pvmn Thick ness in mm	
12/12/11	1	G	1	SEE NOTES	6098+65	30.64		33	6.15	0	\longleftrightarrow	24	NG	N/A	
12/12/11	2	G	1	10"	6098+15		40.24	33	5.17		1	24	NG	N/A	
12/13/11	3	G	1	10"	6098+15		40.58	33	5.08	0		24	NG	N/A	
12/13/11	4	G	1	10"	6099+00	48.45		33	4.85	0	1	22	NG	N/A	
12/13/11	5	G	1	10"	6099+10		73.17	33	4.07	0	\leftarrow	23	NG	N/A	
12/13/11	6	G	1	10"	6098+70		74.15	33	4.74		\longleftrightarrow	23	NG	N/A	
12/13/11	7	G	1	36"	6099+65		69.56	33	7.82	0	~	24	NG	N/A	
12/21/11	8	G	1	SEE NOTES	6229+10		44.26	33	6.90		1	24	NG	N/A	
12/21/11	9	G	1	24"	6227+60		45.25	33	5.50	0	/	24	NG	N/A	
12/21/11	10	G	1	36"	6226+75		45.43	33	5.86	0	_/_	24	NG	N/A	
01/10/12	11	G	1	36"	6226+10	27.23		33	4.10	0	1	24	NG	N/A	
01/09/12	12	G	1	SEE NOTES	6100+10	65.00		33	8.65	SEE NOTES	1	24	NG	N/A	
01/09/12	13	G	1	42"	6228+60	31.38		33	2.67	0	1	24	NG	N/A	
01/09/12	14	G	1	SEE NOTES	6227+00	31.13		33	4.49	0	/	24	NG	N/A	
09/29/10	15	G	1	36"	6284+50	32.4		33	6.56	0		24	NG	N/A	
09/29/10	16	G	1	36"	6284+50	257.4		33	5.06	0	\longleftrightarrow	24	NG	N/A	
09/29/10	17	G	1	36"	6284+50		34.0	33	6.71	0	←→	24	NG	N/A	
Notes:	TH'S 1	-4 offse	ts were t	aken from	CL of Nels	on Rd.	TH's 5	-14 were	taken fr	om CL of	RT-47.				
Sheet 1	of <u>1</u>	Prepa	ared By:	IP Dat	e: <u>1/05/1</u>	2	/QC B	y:EG	D	ate: 1/2	4/12				

Test Hole No.	Top of Utility	Reference Point	Calculated Depth (FT)	SUE Quality Level	Notes
1	11.04	4.89	6.15	A	Unable to fully expose and verify size due to loose soil continually collapsing within excavated hole. 10" main according to ONEOK representative on site.
2	9.84	4.67	5.17	A	
3	9.83	4.75	5.08	А	
4	9.56	4.71	4.85	Α	
5	8.72	4.65	4.07	Α	
6	9.29	4.55	4.74	Α	
7	12.66	4.84	7.82	А	
8	12.33	5.43	6.90	А	Unable to fully expose and verify size due to concerns of damaging brittle coating on pipe. 36" main according to Kinder Morgan representative or site.
9	11.19	5.69	5.50	Α	
10	11.63	5.77	5.86	Α	
11	8.96	4.86	4.10	Α	
12	N/A	N/A	8.65	В	Unable to expose and verify size due to excessive ground water infiltration within the excavated hole. However, by utilizing an air lance we were able to feel what we believe to be the top of pipe. 36" main per Alliance representative on site.
13	8.00	5.33	2.67	Α	42" casing per Kinder Morgan representative on site.
14	10.08	5.59	4.49	A	Unable to fully expose and verify size due to loose soil continually collapsing within excavated hole. 24" main according to Kinder Morgan representative on site.
15	12.90	6.34	6.56	Α	OFFSET PULLED FROM CL OF ST. RD 47.
16	10.59	5.53	5.06	Α	OFFSET PULLED FROM CL OF ST. RD 47.
17	13.32	6.61	6.71	A	OFFSET PULLED FROM CL OF ST. RD 47.

J:DOC-A\UTIL.GEN\NatManual\Appendix\Top10Forms\TH_NoDropDown.xls

FILE NAME =	USER NAME = bdecraene	DESIGNED	-	LDZ	REVISED -
V:\3195\66B83 (South Section)\CADD Sheet	s\D366B83-sht-SUE-4.dgn	DRAWN	-	SRH/RMD	REVISED -
	PLOT SCALE = 2.0000 '/ in.	CHECKED	-	DJD	REVISED -
SHT_PLAN	PLOT DATE = 8/6/2013	DATE	-	7/15/2013	REVISED -

Comments:

SCALE: N/A

IL. RTE. 47	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SUBSURFACE UTILITY ENGINEERING TEST HOLES	326	(110)R, BR & BR-1	GRUNDY	644	237
JODGONI AGE OTIETT ENGINEENING TEST HOLES			CONTRACT	NO. 6	6B83
SHEET 4 OF 5 SHEETS STA. N/A TO STA. N/A	THE INDISCRED AND PROJECT				