	Division of Highways Illinois dot	epartn oortati									Date	2/1	5/12
ROUTE	IL 47 (FAP 326) (109, 110)R,R-1,		SCRI	PTION	Tra	ffic Sig	nals at IL 47 & Granville Road North of I-80	I, 0.8 Mile		DGGE	ED BY	Larry	Myers
ECTION	BR-1		_ L	OCAT	ION	SW 1/4	4, SEC. 22, TWP. 34N, RNG.	7E					
COUNTY	Grundy	DRILLING	MET	HOD		Hol	low Stem Auger HA	MMER T	YPE	(CME A	utoma	tic
Station BORING NO. Station Offset	6047+56 40.00ft Rt.	RT	DEPTH	B L O W S	U C S Qu	M O I S T	Surface Water Elev Stream Bed Elev Groundwater Elev.: First Encounter Upon Completion	541.9 543.9	ftŹ	DEPTH	B L O W S	U C S Qu	M O I S T
	ace Elev. 551.	.88 ft	(ft)	(/6'')	(tsf)	(%)	After Hrs. Hard gray silty clay loam / si		ft	(ft)	(/6") 25	(tsf)	(%)
Augered black silty clay loam fill with gravel pieces.							till with silt layers.	ity iodini		_	25 54	12.1*	11.5
		<i></i>					* Max Rimac at 0%. ** Max Rimac at 5%. (contin	w.cod)					
Very stiff to hard brown silty clay loam till.	rd brown silty clay	549.38		4			Max Rimac at 5%. (conur	iueu)			31		
		_	5 6	3.5 P	19.4				_	29 47	11.5**	10.3	
				-							47		
			-5	4						-25	26		
				5	4.0	15.0			525.88	_	31	11.5**	11.2
			_	5	Р		End of Boring			_	51		
		544.38		_									
Vledium browr water at 10 ft.	n fine sand. Free	-	<u>V</u>	5 7		17.1							
				10									
			▼-10							-30			
			<u> </u>	7		22.4							
				12 12		22.4							
Hard grav eilt v	with fine cand lave	539.88											
Hard gray silt with fine sand layers and minor clay seams.		_	7						_				
				14 18	>4.5 P	18.4							
		537.38		10									
Hard gray silty ill with silt lave	clay loam / silty loans.	am	- <u>15</u>	21						-35			
				39		11.4							
* Max Rimac a ** Max Rimac :	at 0%.		_	64	S					_			
Wax rumac	ai 570.												
				31 47	12.1*	10.0							
				58									
										-40			

ROUTE IL 47 (FAP 326)	rtatior	nt 1 NRTION	Tra		DIL BORING LO	Viles	OGGE	Date	 2/1 Larry	5/12
(109, 110)R,R-1, 110 SECTION BR-1	BR &			SW 1/	4, SEC. 22, TWP. 34N, RNG. 7E		000		carry	wiye
	RILLING ME					R TYPE	(OME A	utoma	rtic
STRUCT. NO. Structure 8 (Prop. 6046+30, 82' RT BORING NO. 2 Station 6046+71 Offset 39.00ft Rt. Ground Surface Elev. 551.80			U C S Qu (tsf)	M O I S T (%)		ft ft yft ft	D P T H	B L O W S (/6")	U C S Qu (tsf)	M 0 I S T (%)
Augered black silty clay loam fill.	_	_			Hard gray silty loam till with silt layers.			25 26 38	12.1* S	8.7
Very stiff black, brown, and gray silty clay and silty clay loam fill.		3 4 5	3.0 P	22.4	* Max Rimac at 0%. (continued)			22 29 46	12.1* S	11.1
Very stiff to hard brown silty clay loam / silty loam till.	<u>546.80</u> - 	5 4 3	3.5 P	16.9	End of Boring	525.30	-25	25 29 44	12.1* S	9.1
Hard gray silty loam till with silt	542.30	3 5 7	4.5 S	15.0						
ayers. * Max Rimac at 0%.		0 7 12 18	6.1 S	13.4			-30			
		15 31 54	10.9 S	10.8			-35			
	-1	5 21 25 31	11.1 S	9.3			-35			
		25 25 40	12.1* S	9.0						

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer) The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

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The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer) The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

FILE NAME =	USER NAME = bdecraene	DESIGNED - AS	LIN ENGINEERING,LTD. Consulting Engineers		IL. RTE. 47 AT GRANVILLE ROAD			F.A.P. RTE.	SECTION	COUNTY TOTAL S	EET VO.	
V:\3195\66B83 (South Section)\CADD Sheet	s\D366B83-sht-ts-16.dgn	DRAWN - AS		STATE OF ILLINOIS				326	(110)R. BR & BR-1	GRUNDY 644 2	34	
	PLOT SCALE = 40.0000 ' / in.	CHECKED - ST		DEPARTMENT OF TRANSPORTATION	BORING LOGS						CONTRACT NO. 6688	3
SHT_PLAN	PLOT DATE = 8/6/2013	DATE - 7/15/2013	Springfield, Illinois		SCALE: N/A	SHEET NO. 7 OF 20 SHEETS	STA. N/A	TO STA. N/A	ILLINOIS FED		AID PROJECT	<u> </u>

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