Illinois Depart	ment tion		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		SOIL BORING	LOG		Page		of _
Division of Highways Applied GeoScience								Date		5/06
ROUTE FAU 1537	DESCRIP	TION					LOGGE	D BY		ND_
SECTION		LOCATIO	N _	SEC.	TWP. , RNG.					
COUNTY Cook DRILL	ING METHO	DD .			ss	HAMMER TYPE				
STRUCT. NO	- D E P	B L O	U C S	M O I	Surface Water Elev Stream Bed Elev		t D E	B L O	U C S	M 0
BORING NO. <u>B-1</u> Station Offset	T H	W S	Qu	S T	Groundwater Elev.: First Encounter Upon Completion	567.0	t ¥ H	W	Qu	S
Ground Surface Elev. 616.00	ft (ft)	(/6°)	(tsf)	(%)	After Hrs.		(ft	(/6")	(tsf)	(%)
Topsoil  SILTY CLAY, tr. sand, gravel & > roots, brown & gray, stiff	15.17	2			SILTY CLAY, tr. sand & gray, hard to very hard	gravel, (continued)	_			
ools, brown & gray, sinn		3 4	1.5 P	30.0			_			
		4					_	12		
SILTY CLAY, tr. sand & gravel, prown & gray, hard	11.50	5	2.3 B	23.0				17 25 20	5.4 S	12.
		5						]		
	_	6 11					_	‡		
		6					_	11		
	10	10	4.7 S	20.0				15 19	6.1 S	14.
	_						_	1		
6	03.00					4				
SILTY CLAY, tr. sand & gravel, gray, hard to very hard	_	6 8	4.6	18.0			_	10	7.3	12
	_=1:	10	\$ \$	10.0				55 20	7.3 S	12
	=						-			
	_						_	1		
		5	4.3	17.0			-	12	5.8	9.
	-21	11	S					28	\$	٠.
The Unconfined Compressive Strength ( The SPT (N value) is the sum of the	UCS) Fail last two t	ure Mo olow va	de is i lues in	ndicate each	d by (B-Bulge, S-Shear, sampling zone (AASHTO	T206)	r) BS, from	137 (R	ev. 8-	99)

(A)	Illinois Depar of Transport Division of Highways Applied GeoStance				•	SOIL BORIN			Date	5/5,
ROUTE	FAU 1537	DESCRI	PTION					_ LOGGED	BY	ND.
SECTION			LOCATIO	N _	, SEC.	, TWP. , RNG.				
COUNTY	Cook DRI	LLING MET	10D			SS	HAMMER TYPE			
STRUCT. NO. Station  BORING NO. Station Offset Ground Surfa	sand & gravel,	D E P T H	O W	U C S Qu (tsf)	M 0 1 S T (%)	Surface Water Elev. Stream Bed Elev. Groundwater Elev.: First Encounter Upon Completion After Hrs.	f 567.0	¥.		
jray, hard to	very hard (continued)		15 78 38	5.7 S	11.0					
wet SILTY CLAY, so	me gravel, hard at 52.25 feet.	566.50 	4 7 7 68		16.0					
End of Boring		563.75	555							

J		IIIinois Dep of Transpo Svision of Highways Applied GeoScience	ortation	1		,	SOIL BORING	LOG	ı	ate	5/	5/06
ROUTE		FAU 1537	DES	CRIPTION					LOGGED	3Y	<u> </u>	D
ECTIC	N			LOCATIO	ON _	SEC.	, TWP. , RNG.					
OUNT	Υ	Cook	DRILLING M	METHOD			ss	HAMMER TYPE				
Station Station Offse Ground ILL,	S NO on on Surface	8-2 e Elev. 619. r sand & crushed, moist, med.		D 8 E L P O T W H S (ff) (/6")	U C S Qu (tsf)	M 0 1 S T (%)	Surface Water Elev. Stream Bed Elev. Groundwater Elev.: First Encounter Upon Completion After Hrs. SILITY CLAY, tr. sand & groy, one lorge stone at hard to very hard (conti	14 feet.	D E P T H	B L O W S /6")	U C S Qu (tsf)	M 0 1 S T (%)
FILL, : gravel	ilty clay, some med. stiff	some sand, tr. ff	614.00	3 2 5	1.1 B	18.0		591,0	-25	10 14 19	4.6 S	11.0
	CLAY, fr. & gray,	sand & gravel, stiff			1.7 B	23.0	SILTY CLAY, fr. sand & gray, hard to very hard	gravel,	-30	8 11 14	4.3 S	11.0
gray,		sand & gravel, stone at 14 feet Ird	606.00	- 6 - 7 -15 10	4.7 S	15.0	·			10 15 22	4.7 S	12.0
				8 12 20 16	4.9 S	17.0				9 14 20	5.7 S	12.0

**AECOM** 

USER NAME = dabezicd	DESIGNED	-	DD D	REVISED -	
PLOT SCALE = 0:1 ':" / IN.	DRAWN	-	DD	REVISED -	
PLOT DATE = 1/21/2011	CHECKED	-	EJ0	REVISED -	
	DATE	-	01/10/2011	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE:

SOIL BORING LOGS					RTE. SECTION		TOTAL	SHEET NO.
					06-00050-00-GS	COOK	209	148
			A			CONTRACT	NO. (	63556
	SHEET NO. 54 OF 61 SHEETS	STA.	TO STA.		ILLINOIS FED. A	ID PROJECT		