					PAGF 1	of	2	
	,	รดเ		OF		5/12/2012		
Geo Services, Inc. Geotechnical, Environmental & Civil Engineering 805 Amherist Court, Suite 204 Naperville, Illinois 60565	,	301						
Noperville, Illinois 60565 (630) 355-2838						BY <u>JK</u>		
						No. <u>091</u>		
ROUTE FAP 353 (US 30)	_ DESCRI	PTION	US F	Route	: 30 ♥ EJ&E/CN Railroad, IDOT Job N	o. D-91-04	46-12	
SECTION 11-Y-A	_ LOCATIO	ON _S	EC 20	& 2	9. T 35 N. R 15 E. 3rd PM			
COUNTY Cook	_ DRILLIN	G ME	HOD _	Holle	ow Stem Auger/Rotary HAMMER TYPE	CME Auto	matic	
STRUCT. NO	- 6	В	U	м	Surface Water Elev. <u>n/a</u>	_ D	ви	l N
Station	– I E	L	С	0	Stream Bed Elev. <u>n/a</u>	— E	LC	C
BORING NO. RW-39	_ P	0	S	S	Groundwater Elevation:	T 1	o s	9
Station <u>277+80</u> Offset <u>30.6' Right</u>	– H	s	Qu	Т	First Encounter <u>Dry To -10.0'</u> Upon Completion n/a		S Qu	1
Ground Surface Elev. 633.) (/6°	(tsf)	(%)		골 (ft) [/	6") (tsf)) (%
3.0" SANDY TOPSOIL-black	XX	AS	-	5				+
	_] ~~		Ŭ				
CRUSHED STONE-medium dense (F	TII) -	6	_		SILTY CLAY LOAM-gray-		4	+
ONOSTED STORE Mediam dense (''' <i>—</i>	8	l		medium dense (A-4)	_	7	,
	630.4	11	NP	4	6	10.4	8 3.0P	11
	_	1						
CLAY LOAM-dark brown & black-	_	3			SILTY CLAY-gray-very stiff (A-6)		4	10
stiff (Fill)	-	3			SILIT CLAT-gray-very still (A-6)	_	8	. .
	627.9	3 3	1.75P	25	6	07.9	11 3.3B	2
	027.0	1						
SILTY CLAY-brown & gray-	_	3	$ldsymbol{ldsymbol{ldsymbol{eta}}}$	94			4	_
very stiff (A-6) Possible Fill	-	5				_	5	
	625.4	7	2.0B	29		+	1.25	P 19
	-	1			SILTY CLAY LOAM-gray-			
SANDY CLAY LOAM-brown & gray-	_	2			stiff (A-4/A-6)		2	╄
loose to medium dense (A-2/A-4		2					4	_l_
Possible Fill	622.9	0 2	-	21		30	6 1.25	P 3
	022.0	1						
CAND /4 7)	_	8				\neg		┸
SAND-gray-medium dense (A-3)	-	9			6	01.4		
	620.4	11	NP	22		+	+	╈
						\neg		
SANDY LOAM-gray-	_	4	_			4	4	\bot
medium dense (A-2)	-	4			SILTY LOAM-gray-		6	
	<u>-1</u>	5 6	NP	15	medium dense (A-4)	_35	7 NP	2
		1						
		3	$ldsymbol{ldsymbol{eta}}$	Щ		コ	_	┸
	-	- 7			5	96.4		
SILTY CLAY LOAM-gray-	-	8		25		+	+	+
medium dense (A-4)		1			SANDY LOAM-gray-			
	_	3			medium dense (A-2)	ユ	7	┸
	-	8					10	
The Unconfined Compressive Strength (UCS) Fa	-2	0 5		20		-40 1	15 NP	1 2

				_			PAGE 2	- 1000		_
Geo Services, Inc.		SOIL BORING LOG DATE 6/12/2012								_
Geo Services, Inc. Geotechnical, Environmental & Civil Engineering 805 Artherst Court, Suite 204 Naperville, Illinois 60565							LOGGED BY	JK		_
(630) 355+2838							GSI JOB No.	0917	4	
ROUTE <u>FAP 353 (US 30)</u>	DESC	RIP	ПОП	US F	Route	e 30 ♥ EJ&E/CN Railroad,	IDOT Job No. D-	-91-04	5–12	
SECTION 11-Y-A	LOCA	1OIT	N _SE	C 20	&c 2	29. T 35 N. R 15 E. 3rd	PM			
COUNTY Cook	DRILL	ING	MET	HOD _	Holle	ow Stem Auger/Rotary HA	MMER TYPE CME	Auton	atic	
STRUCT. NO	- Г	D	В	U	м	Surface Water Elevn/	'α	D E	l n	Ī
Station	-	E	L	С	0	Stream Bed Elev. <u>n/</u>	<u>′a</u>	EL	C	
BORING NO. RW-39	-	P	w	S	S	Groundwater Elevation:		P C		l
Station 277+80 Offset 30.6' Right	-	Н	S	Qu	T		To −10.0'▼	HS	Qu	l
Ground Surface Elev. 633.4	<u> </u>	(ft)	(/6")	(tsf)	(%)	After Hrs	₹	(ft) (/6	") (tsf)	
SANDY LOAM-gray-		1						_		Τ
medium dense (A-2)	-							\dashv		l
	591.4							二		T
		_	\vdash					+	+	+
	_							\exists		l
	-	_	9					-	+	+
	_	 -45	10 14	NP	18			-65		l
	_	_						_		Τ
SAND-gray-medium dense (A-3)	-							-		l
	_							\dashv	1	Ť
		_	\vdash					+	+	+
	-									l
	_		9					-	+	╀
	583.4 -	-50	11	NP	18			-70		l
End Of Boring @ -50.0'		_	Г						1	Ť
Hollow Stem Augers To -10.0' Rotary Drilling To Completion	-							\dashv		l
CME Automatic Hammer	_							ユ	\top	t
		_	H					+	+	╀
	-							\exists		l
	_	_							+	╀
	_	-55						-75	1	l
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	-									Т
	_	-						且		ļ

The Unconfined Compressive Strength (UCS) Foilure Mode is indicated by (B-Bulge, S-Shear, P-Penetrameter)

The ST-(N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

The Unit Dry Weight (pcf) is noted in Italics above moist (%)

NR-No Recovery

	va companies of Hillnois Ltd.
/ — ->	7325 Janes Avenue
	Woodridge, IL 60517
	630.724.9200 phone
\ \\	630.724.9202 fax
	www.v3co.com

USER NAME =	DESIGNED - EVS	REVISED
	CHECKED - WJV	REVISED
PLOT SCALE =	DRAWN - EVS	REVISED
PLOT DATE =	CHECKED - WJV	REVISED

STATE OF ILLINOIS						
DEPARTMENT OF TRANSPORTATION						

SOIL BORING LOGS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEE NO.
STRUCTURE NO. 016-1279	353	11-Y-A	соок	354	255
31NOCIONE NO. 010-1275			CONTRACT	NO. 6	50R1
SHEET NO. 35 OF 35 SHEETS		ILLINOIS FED. A	ID PROJECT		