						PAGE	1	of _	3	
Geo Services Inc	5	103	LE	OF	RING LOG		7/2/201			
Geo Services, Inc. Geotechnical, Environmental & Civil Engineering 805 Artherst Court, Suite 204 Naperville, Illinois 60565	_	-				LOGGED BY DR				
Naperville, Illinois 60565 (630) 355-2838							B No0			
2017	250000				70.05.05.00.00					
ROUTE _FAP 353 (US 30)							No. D-91	-046-	-12	
SECTION 11-Y-A										_
COUNTY Cook	_ DRILLING	MET	HOD .	Holl	ow Stem Auger/Rotary	HAMMER TYPE	<u>Diedrich</u>	Aut	omatio	c
STRUCT. NO	-	В	ū	м		n/a	— I <sub>b</sub>	В	ū	l
Station	-   Ĕ	L	C	0	Stream Bed Elev.	n/a	—  Ĕ	L	c	l
BORING NO. BS-05	- Т	w	S	S	Groundwater Elevation		_   Î	W		l
Station <u>279+75</u> Offset <u>39.5' Left</u>	- H	S	Qu	Т	First Encounter Upon Completion	622.1 n/a	Y H	s	Qu	l
Ground Surface Elev. 631.	(ft)	(/6")	(tsf)	(%)	After Hrs.	167 ts		(/6")	(tsf)	ŀ
				Н	SILTY CLAY LOAM-IO	ose (A-4/A-6	610.	6		t
		AS		26			1-	4		l
TOPSOIL-black	_	15	_	$\vdash$	SILTY CLAY-gray-sti	ff (A-6)	_	4	$\vdash$	╀
	-	12	_	29		(// 0/	·	<b>1</b> ♣	1.3B	l
â	628.1						608.1			T
	_	-					_	۱.,		l
SILTY CLAY—dark gray to black— stiff (A—6) Wet	-	3		92			-	4		t
still (A-0) wet		4	1.5B	27			2	_	1.0P	L
i i	625.6	-					_	4		I
	_	١.					_	┨"		l
SILTY CLAY-brown & gray-		1		Н	SILTY LOAM-gray-loc	se (A-4)	_	3		t
very soft (A-7) Wet	_	1	<0.25F	34			_	4	1.5P	ļ
		┨					_	┨		l
	622.1	1					_	┨╻		
Silty SAND & GRAVEL-brown & gra	y- <b>-</b>	3					_	3		T
loose (A-2)	<u>–10</u> 620.6	4	NP	18			3	0 3	0.4B	╀
	020.0	1					-	1		l
	_	4	_	$\vdash$			_	1_	$ldsymbol{ldsymbol{ldsymbol{eta}}}$	ļ
SILTY LOAM—gray—loose (A—4)	-	3 5	NP	22			599.1	┨		l
i i	618.1	٦	NE				_			t
	_	1					_	7		l
	_	3		H			2	2	$\vdash$	ł
	15	3 5	2.5P	24	SILTY CLAY—gray—so	t (A-6) Wet	3	3 5 4	0.25P	ļ
	_									T
SILTY CLAY LOAM-gray-		۱.					_	-		١
loose (A-4/A-6)	_	2		105			594.1 <b>-</b>	+		t
	_	4	1.2B	23			_	1_	$ldsymbol{f eta}$	l
	-	-				gan ex	-	-		l
	_	,			SAND-gray-medium	dense (A-3)	-	-		l
	·	3		П			<u> </u>	9	Г	t
	-20	d 5	1.75P	26	I		-4	0 10	NP	Ŀ

PAGE 2 of 3											
Geo Services Inc.	S	ING LOG DATE 7/2/2012									
Geo Services Inc. Geotechnical, Environmental & Givil Engineering 80 Amberts Caput, Sorte 204 Noperville, Illingis 60565 (620) 355-2838					LOGGED BY DR						
Naperville, Jilinais 60565 (630) 355-2838	GSI JOB No09174										
ROUTE FAP 353 (US 30) DE	SCRIP	ПОП	US F	Route	30 @ EJ&E/CN Railroad, IDOT Job No. D=91=046=12						
SECTION 11-Y-A LOCATION SEC 20 & 29, T 35 N, R 15 E, 3rd PM											
COUNTY Cook DRILLING METHOD Hollow Stem Auger/Rotary HAMMER TYPE Diedrich Automatic											
STRUCT. NO					Surface Water Elevn/a						
Station	D	B	υc	M	Stream Bed Elev. $\frac{n/a}{}$ D B U M						
BORING NO. BS-05	P	80	Š	S	Groundwater Elevation:						
Station <u>279+75</u>	Ĥ	S	Qu	T	First Encounter 622.1 T						
Offset <u>39.5' Left</u> Ground Surface Elev. <u>631.1</u>	(ft)	(/6")	(tsf)	(%)	Upon Completion $n/a$ $\nabla$ After Hrs. $\nabla$ (ft) (/6") (tsf) (%						
Ground Surface Elev	(,	,,,,	(10.7	(,	Alter ris ris/co						
	$\equiv$										
	_	$\vdash$		Н	<del>                                      </del>						
	_				-						
	_				┥						
	-	9		Н	12						
SAND-gray-medium dense (A-3)	-45		NP	21	SANDY LOAM-gray65 16 NP 25						
	_				medium dense to dense (A-2)						
	_				<u> </u>						
	$\equiv$	Г									
	_	L		Н	<del>                                      </del>						
	_				<del>-</del>						
		6		Ш							
	-	12			8						
	50	14	NP	20							
					ユート						
570	, –	H		Н	550.4						
579.	_				559.1						
	=			П							
	_	6			<sub>e</sub>						
SAND with Gravel-gray- medium dense (A-1)	_	6		Н	SAND-gray-medium dense (A-3)						
mediani dense (A 1)	_55	6	NP	16	75 11 NP 21						
	_				-						
	_				-						
574.	1	П		П	554.1						
	_	$\vdash$		$\vdash$	<del>                                     </del>						
SANDY LOAM-gray-	_				SILT-gray-dense (A-4)						
medium dense to dense (A-2)		11		Ш	III						
	-	16			18						
The Unconfined Compressive Strength (UCS) Failure M	ode is i	16 ndicate	ed by (	B-Bul	-80 20 NP 22  ge, S-Shear, P-Penetrometer) ST-Shelby Tube Sample VS-Vane Shear Test a (AASHTO 1206) The Unit Dry Weight (not) is noted in talks shows moted to						

PAGE <u>3</u> of <u>3</u> Geo Services, Inc. chnicol, Environmentol & Givil Engineering 805 Artherst Caurt, Suite 204 Naperville, Ullinois 80565 (630) 355-2858 SOIL BORING LOG DATE 7/2/2012 LOGGED BY DR GSI JOB No. <u>09174</u> ROUTE FAP 353 (US 30) DESCRIPTION US Route 30 @ EJ&E/CN Railroad, IDOT Job No. D-91-046-12 LOCATION SEC 20 & 29, T 35 N, R 15 E. 3rd PM DRILLING METHOD Hollow Stem Auger/Rotary HAMMER TYPE Diedrich Automa STRUCT. NO. \_\_\_ Surface Water Elev. <u>n/a</u> Stream Bed Elev. n/aStation \_\_\_ BORING NO. **BS-05**Station 279+75 Groundwater Elevation: First Encounter 622.1
Upon Completion n/aOffset 39.5' Left (ft) (/6") (tsf) (%) After \_\_\_\_\_ Hrs. 631.1 Ground Surface Elev. CLAY-gray-stiff to very stiff (A-6) SILT-gray-dense (A-4) \_\_\_ 11 -105 32 1.9S CLAY LOAM-gray-dense (A-4/A-6) CLAY-gray-stiff to very stiff (A-6) LOAM-gray-very dense (A-2/A-4) Drillers Observation: Possible Bedrock. End Of Boring © -117.0'
Hollow Stem Augers To -10.0'
Rotary Drilling To Completion
Diedrich Automatic Hammer

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer) ST-Shelby Tube Sample VS-Vane Shear Ta The SPT (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

	V3 Companies of Hillnois Ltd.
<b>/</b> >	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					

COIL DODING LOCG	F.A.P. RTE.	SECTION	COUNTY	TOTAL	SHEE
SOIL BORING LOGS Structure No. 016–1279	353	11-Y-A	соок	354	241
31NOCIONE NO. 010-1279			CONTRACT	NO. 6	50R1
SHEET NO. 21 OF 35 SHEETS		ILLINOIS FED. A	D PROJECT		