INTERNATIONAL	DRAWN - DPS CHECKED - JF DATE - 9/19/2012	REVISED - REVISED - REVISED -	D	EPAR		ATE OF ILLINOIS NT OF TRANSPORTATION		-	. BOR
USER NAME =	DESIGNED - DPS	REVISED -					STUENKEL ROAD AT	L57 (HA	 RI FM
The Unconfined Compressive Strength (UCS) Failu The SPT (N value) is the sum of the last two bl NR-No Recovery	re Mode is indicated by (B—Bulge, S—Shear, P ow values in each sampling zone (AASHTO T2	P-Penetrometer) ST-Shelby Tube Sam 06) The Unit Dry Weight (pcf) is not	nple VS=Van ed in italics ab	e Shear ove moi	Test ist (%)		n <mark>pressive Strength (UCS) F</mark> ailur is the sum of the last two blo		
	-20		-40					-20	
								· <u> </u>	
								_	
			-					_	
	-								
									⊢
Hollow Stem Augers Diedrich Automatic Hammer						Hollow Stern A Diedrich Autor	ugers Indtic Hammer		
End Of Boring 🛛 –10.0'	▼ -10 9 5.3B 17				$\left - \right $	End Of Boring		10	13
									6 10
								_	
	7 4.5B 20		-					-	12
	<u> </u>							_	6 8
stiff to hard (A-6)									
CLAY—brown & gray—	3 5_4_1.5B_25		-25					5	11 13
						CLAY-brown 8	¢ gray—hard (A−6)	_	7
						57 9F 5 451 1		_	
	3 4 1.58 26		5						4 5
TOPSOIL-black	<u> </u>								AS 3
Offset: 23.9' Left Ground Surface Elev. 760.1					6.4 10 - 20	Offset: 20.2		3) (S	(/6")
STRUCT. NO Station: BORING NO. RB-009 Station: <u>15965+45 Stuenkel Road</u> Officit: conclusion	POSI TWSGroundwat HSQuTFirstEnc	er Elevation: ounter <u>750.1</u>	P 0 T W H S		S	BORING NO	RB-010 68+41 Stuenkel Road	P T H	0 ₩ S
Station:	D B U M E L C O Stream E		- D B - E L	l c	M O	Station:		Ē	BL
COUNTY <u>Will</u> STRUCT NO -		uger HAMMER TYPE <u>_</u> ater Elev. <u>_n/a</u>		r	<u> </u>				1
SECTION <u>99-1HB-R-1</u>							HB-R-1		
ROUTE F.A.I. RTE. 57					_			DESCRIP	
(630) 355-2838		GSI JOB N	No. <u>10196</u>			(63	0) 355-2838		
Geo Services, Inc. Geotechnical, Environmental & Givil Engineering 805 Amberst Court, Suite 204 Naperville, Illinois 60565			15/2012 IY <u>RT</u>			Geotechnical, Envin 805 Amhei Nacefal	ervices, Inc. nomental & Civil Engineering st Court, Saite 204 e, Winois 60565	-	50
	SOIL BORING L				Geo N	Geo Services Inc			

P:\602612(I-57_@_Stuenkel)\Road\C_2(Interchange)\C2_Stuenkel_Bor1ng05.dgn

	PAGE <u>1</u> of <u>1</u>								
OIL BORING LOG	DATE <u>2/17/2012</u>								
	LOGGED BY <u>RT</u>								
GSI JOB No. 10196									
ON <u>1-57 at Stuenkel Road Interchange. Contract No. 60L69</u>									
SEC. 4. 5. 6. 7 & 8. T. 34 N., R. 13 E., 3rd P.M., Monee Township									
METHOD Hollow Stem Auger HAMMER TYPE Diedrich Automatic									
B U M Surface Water Elev. <u>n/a</u>									
L C O Stream Bed Elev. <u>n/a</u>	E L C 0								
0 S I Groundwater Elevation:	P O S I T W S								
S Qu T First Encounter <u>Dru</u> Upon Completion <u>Dru</u>	▼ H S Qu T								
/6") (tsf) (%) After Hrs	(ft) (/6") (tsf) (%)								
	_								
AS – 25 3 107									
4									
5 8.0B 19									
7 111									
11 13 7.0B 17	-25								
	8								
6 110 8									
12 7.5B 17									
6 111									
10	_								
<u>13 8.0B 18</u>									
	· · · · ·								
	_								
	-								
-+-+-1									
	+								
	-40								
dicated by (B-Bulge, S-Shear, P-Penetrometer) ST-Si each sampling zone (AASHTO T206) The Unit Dry Weig	helby Tube Sample VS=Vane Shear Test ht (pcf) is noted in italics above moist (%								

RLEM	AVE	NUE TO	0 RIDGELAND AVENUE)		F.A.I. RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
					57	2012-048R		WILL	206	197
BORI	NG L	065						CONTRACT	NO. 6	50V41
17 SHE	ETS	STA.	TO STA	-		ILLINOIS	D PROJECT			