STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

ILLINOIS DEPARTMENT OF TRANSPORTATION District Nine Materials								Bridge Foundation Boring Log Sheet 1 of 2				
Route: FAI 57 S	Date: 2/17/2005											
Section XI-4B-1	ored By: Bryan Keller											
County: Williamson	Loca	tion: 4	IMTNI	Marion		ked By:						
Sounty: WIIIIamSon						, ou by	100 01	ucri				
Boring No 1-S	D	в			Surf Wat Elev: 0.0	- D	в					
Station 227+77	E	L			Ground Water Elevation when Drilling 372.2	E	L					
ffset 17' LT Median CL	- <u>P</u>	0	Qu			- P	0					
round Surface 409.7 F	T T	w	tsf	W%	At Completion 384.1 At: 3 Hrs: 395.9	— Т	w	Qu tsf	W%			
	<u> </u>				At: J HIS: 393.9							
Stiff, very moist, brown, Silty Clay A-6	_						4 6	3.1S				
лау А-б							0					
	_				382.7							
		1			Very stiff, moist, brown, Silty		1					
		2	1.4S	19	Clay A7-6 with some Pea Gravel		5	2.7S				
		2					8					
405.2					380.2							
ery stiff, very moist, brown, Silty	5.0	1	0.15		Hard, moist, brown, Silty		1					
Clay Loam A-6	_	3	2.1S	18	Clay A7-6	_	7	5.6B				
		5					9					
		1			1		3					
		4	2.3S	19	1		13	5.2S				
		4			1	-	14					
400.2					375.2							
Stiff, very moist, brown, Silty	10.0	WH			Very Stiff, moist, brown, Silty	35.0	1					
Clay Loam A-6	_	WH	1.1S	22	Clay A-6		6	2.9B				
		3			4		6					
397.7	_											
fedium, very moist, brown,		WH			1		2	2.65				
ility Clay Loam A-6		2	0.9B	25	371.7		6					
		3			Hard, dry, brown, Sandstone		100/3"					
395.2	1						ł					
/ery stiff, very moist, brown, Silty	15.0	1	2.7B	19	4	40.0						
Clay A.6		5	2.78	19			1					
					1		1					
					367.7		1					
		1			Hard, dry, brown, Sandstone		46					
		4	2.1S	19	with a Clay Layer		100/11					
	_	5					I					
202.2							-					
390.2	20.0	1				45.5	-					
Stiff, very moist, brown, Silty Clay A7-6	20.0	3.	1.5B	19	-1	45.0	4					
	_	5	1.00	19			1					
					1		1					
	_						1					
		1			Hard, dry, brown, Sandstone362.2		100/1"					
		5	1.8S	18	Bottom of hole = 47.5 ft.							
		5			4							
					Free water observed at 37.5 ft.		4					
	25.0	1				F.0. (4					
	25.0	1			Free water observed at 37.5 ft. Elevation referenced to CL of	50.0						

N-Std Pentr Test: 2" OD Sampler, 140# Hammer, 30" Fall (Type Fail. B-Bulge S-Shear E-Estimated P-Penetrometer)

					2 of 2
Route: FAI 57				Date:	2/17/2
Section: XI-4B-1					
County: Williamson	—				
Boring No: 1-5 Station: 227+77 Offset: 17' LT Median CL	D B E L P O T W	Qu	W%	DBEL PO TW	Qu tsf V
Ground Surface: 409.71	Ft H	tsf	44.20		tsf V
BK . N. Abut Sta 228+45.68 cr. EL. 410.48 Str 100-0010					
To convert "N" values to "N60" values multiply by 1.25.					
				80.0	
	55.0				
	60.0			85.0	
	65.0			90.0	
	70.0			95.0	
	75.0			100.0	

N-Std Pentr Test: 2" OD Sampler, 140# Hammer, 30" Fall (Type Fail. B-Bulge S-Shear E-Estimated P-Penetrometer)



. •	1				OF TRANSPORTATION Ne Materials	В	ridge F oring L	og			
nteate 57 Over Lake Creek Branch							Sheet 1 of 1 Date: 2/17/2005				
ute: FAI 57 Str	uctur	e Numbe	r: 100-	0010 -	100-0011	Date					
ction XI-4B-1							Bryan				
unty: Williamson	Loca	tion: 4	MINN	larion		ed By:	Rob Gra	herr	_		
	D	в			Surf Wat Elev: 0.0	- D	в	1			
ring No_2-S	E	Ľ			Ground Water Elevation	E	L	I			
ation 228+61	Р	0			when Drilling 394.5	- <u>P</u>	0	Qu			
fset 11' Rt Median CL	Τ·	w	Qu tsf	W%	No compacement	Т	w	tsf	W%		
ound Surface 409.0 Ft	н		LSI	¥¥ 70	At: Hrs:		3	1.25	2		
ery stiff, moist, brown, Silty					Stiff, very moist, brown mottled		4	1.20	4		
lay A-6 _					grey, Clay to Silty Clay . A7-6		- 7				
					382.0						
-		1			Stiff, very moist, brown , Silty		1				
		4	2.1B	17	Clay with Pea Gravel A-6 381.0		12	1.5B	2		
-		4			Hard, dry, brown, weathered		23				
-					Sandstone		{				
					379.5	30.0	3				
-	5.0	1	2.5B	18	Hard, dry, brown, Sandstone	30.0	100/12				
		4	2.50	18	378.0		1				
-					Bottom of hole = 31.0 ft						
		1									
-		1			Free water observed at 14.5 ft.		4				
_		4	3.5S	17			-				
		4			Elevation referenced to CL	-	+				
		1			BK. N. Abut. Sta 228+45 Cr.El. 410.5 ft.		-				
399.5	10.0	1			101.21. #10.5 N.	35.0	2				
Stiff, very moist, grey, Silty Clay Loam A-6	10.0	4	1.5S	19	To convert "N" values to "N60"		-				
		4			values multiply by 1.25.						
-							_				
-							-				
		WH			-1		-				
-		1	1.3S	25			-1				
		1			-1		-1				
394.5		1									
Stiff, very moist, brown mottled	15.0) 1				40	.0				
grey, Silty Clay A7-6		4	1.65	22			_				
		4			4		-				
		-				-					
392.0		+ 1					-				
Very stiff, very moist, brown,		4	2.1S	15			-1				
Silty Clay A7-6		- 5	2.10								
		1					_				
389.5						_	_				
Stiff, very moist, brown, Clay	20.		-		_	45	.0				
to Silty Clay A7-6		4	1.6S	2	2	-	-				
		5					-				
387.0		-				-	-				
		1			-1		-				
Very stiff, moist, brown, Silty Clay A7-6 with some Pea Gravel	-	4	2.18	3 1	9						
Glay A7-6 with some Pea Graver		6									
384.5		Ť					_				

N-Std Pentr Test: 2" OD Sampler, 1400 Hammer. 30" Fall (Type Fail. B-Bulge S-Shear E-Estimated P-Penetrometer)

> <u>BORING LOGS</u> <u>F.A.I. RTE. 57 OVER</u> <u>LAKE CREEK BRANCH</u> <u>STATION 228+25.00</u> <u>STRUCTURE NO. 100-0010 (N.B.)</u> <u>STRUCTURE NO. 100-0011 (S.B.)</u>

		F.A.S. RTE.	SEC	FION		COUNTY TOTA		SHEET NO.	
TILLY, INC.	SHEET NO.29	I-57	(X1-4-1)	BR -1		WILLIAMSON	202	112	
ST. LOUIS, MO CHICAGO, IL	29 SHEETS	1			CONTRACT NO. 78334				
: GLD 2/10		FED. RO.	AD DIST. NO. 9	ILLINOIS	FED. AI	D PROJECT			