Division of Highways			n	Route	DIL BORING LOG	1000		_ <u>11/</u>	100
					Drive			K	<u>=G</u>
SECTION		LOCAT	ION _	Marior	ı, SECS. 10SW & 15NW, TWP. 9S, RN	G. 2E	47-14-14-14-14-14-14-14-14-14-14-14-14-14-		,
COUNTY Williamson DR	ILLING ME	THOD	-	CN	ME 55LC W/HSA HAMMER TY	'E	Auto	omatic	
StationSB-19	-	D W	U C S	M O S	Surface Water Elevf Stream Bed Elevf	P	L O W	U S	M 0 1 8
SORING NO.         SB-19           Station         1753+49.22           Offset         3.11ft Rt           Ground Surface Elev,         446.7	3		Qu (tsf)	(%)	First Encounter 425.7 ft Upon Completion 433.7 ft After _ Hrs f	▼ H	(/6")	Qu (tsf)	T (%)
		T. C.			The College of the Co	W			
GRASS, TOPSOIL, & CRUSHED ROCK - 12 inches CLAYEY SILT: Brown A-4)	445.73	4			CLAYEY SHALE: Brown	5.73 🕎	27		
A-4)	- Lancard	3 3	0.6 B	24		4	50/5" 50/3"/	<b>*</b> *:	17
CLAY: Grayish brown and brown A-7)	443.73	1			Extremely hard drilling at 22.5 and 25 feet.	نست سند سند	29	A Comment of the Comm	
	-	5	1.8	27		Maria	50/4"	940	14
	4	6	В	a marada (1752)		-25	50/3"/		
SILTY CLAY: Grayish brown and orown orown A-6)	44 <u>1.23</u>	3 3 3	1.2 B	24					
Trace sand	) <u> </u>	2				,	40		
			0.9 B	23		30	50/3" \50/2"/		17
CLAY: Gray and brown, trace to come sand A-7)	(American)	2	0.9	21					
	Δ_	3	В						ē
Becomes brown, some sand		3	1.0	25	Becomes gray	<u>2.93                                    </u>	50/3"  50/1"		15
		3	В			بيسوا	100,1		

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

0.8 P

BBS, from 137 (Rev. 8-99)



## **SOIL BORING LOG**

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Date 11/5/09

ROUTE 331 DE	SCR	PTION	IL.	Route	13 over BNSF Railroad Drive	near Marathon	LOGG	ED BY	<u>K</u>	EG
SECTION	1	LOCAT	ION _	Marior	1, SECS. 10SW & 15N	W, TWP. 9S, RNG.	2E		Mary No.	
COUNTY Williamson DRILLING METHOD		(w. tribau	CI	ME 55LC W/HSA	_ HAMMER TYPE	<del>Depositiones</del>	Automatic			
STRUCT. NO	D E P	B L O	U C S	M O I	Surface Water Elev. Stream Bed Elev.		D E P	B L O	U C S	M O I
BORING NO.         SB-20           Station         1754+12.11           Offset         112.70ft Lt	H	S	Qu	T	Groundwater Elev.: First Encounter Upon Completion	430.2 ft \( \frac{1}{2} \)	T H (ft)	W S (/6")	Qu (tsf)	S T
GRASS, TOPSOIL, & CRUSHED ROCK - 12 inches	(ft)	(/6")	(tsf)	(%)	After - Hrs.	426.6		(10)	(rai)	(%)
ROCK - 12 inches 446.19 FILL: Brown clay, some sand,	)	3			CLAYEY SHALE: Bro	own		7		
trace rock	****	2	1.0	23				10	1.8	16
(A-7)	سنينية دار	3	P	-			50	11	S/5	
CLAY: Grayish brown and brown (A-7)		3					-	22		
	-	5 6	2.9 B	25			-	50/5" 50/2"	1 <del>0</del>	15
SILTY CLAY: Brown (A-6)	<u>-5</u> ! 		В				25	37		
(1.0)	800	1 2	0.6	23			2444	50/3"		16
		3_	В				بنسمة	50/1"		<del>),</del>
SILTY CLAY: Brown, some sand (A-7)		2			Becomes gray		68.2	44		
	-10	3 3	0.9 B	21			-30	50/2" 50/2"	• ,	12
CLAY: Brown and grayish brown, trace to some sand, trace gravel		1					\$1000 5000 5000 5000 5000 5000 5000 5000			
(A-7)	-	2 4	1,1 B	21			-			
Becomes brown and gray, some	سندند	2				413.2	9	50/3"	255	14
sand	-15	3 5	1.3 B	20			-35	50/2"		
SANDY CLAY: Brown, trace to some fine gravel	مر مراجع مراجع	WH								
(A-6)	<b>X</b>	WH 4	•	30						
	-						1001.000			
Some coarse gravel	- <del>711</del> 1	4		16			ene.			
	-20	1 2				Colombia 45 Table o America (Colombia Colombia)	-40			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
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BBS, from 137 (Rev. 8-99)



Trook one is a reading to a chicago, is			
L:\IDOT\ 0906603\Draw\CADDLSheets\ STRUCTURAL PLANS\MSE WALLS\ 180-W803\	USER NAME = OpenH&B Springfield	DESIGNED - JMW	REVISED -
		CHECKED - REB	REVISED -
	PLOT SCALE = 1.00000'/ IN.	DRAWN - AJK	REVISED -
	PLOT DATE = 12/13/2011	CHECKED - REB	REVISED

With coarse gravel and clayey