(A)	Illinois De of Transp	epartment ortation
ROUTE	331	DESCRIPTIO

SOIL BORING LOG

Page <u>1</u> of <u>2</u>

Division of	Highways	VII			<u></u>		IV LVV		· · · · · · · · · · · · · · · · · · ·	رة د	ioioo.
The proof of	CONTRACTOR CONTRACTOR			TL.	Route	13 over BNSF Railroad	I near Marathon		NEA		/6/09
ROUTE 3	31 DE	SCRI	PTION			Drive		LOGG	ED BY	K	EG
SECTION		1	OCAT	ION .	Marior	n, SECS. 10SW & 15N	W, TWP. 9S, RN	G. 2E	iki kacama di Kama	معتدات بأمندسم	in in the second
COUNTY Williams	son DRILLING	MET	HOD		CN	//E 55LC w/HSA	HAMMER TYP	Æ	Auto	omatic	
Carried Colonia Colonia		Б	В	U	м			a	В	U	м
STRUCT, NO		E	L	C	Ö	Surface Water Elev. Stream Bed Elev.			L	C	0
		P	0	S	1	Outdin Dea Lier.	(Description of the second of	P	0	S	I
BORING NO.	SB-4	H	W	Qu	S	Groundwater Elev.:		T W H	W	Qu	S
Station 17 Offset 7	43+51.42 4.40ft I t	1 **		Gu	1	First Encounter Upon Completion	432.2_ft	X 10		wu	
Ground Surface Elev.	445.7 ft	(ft)	(/6")	(tsf)	(%)	After Hrs.		(ft)	(/6")	(tsf)	(%)
GRASS, TOPSOIL, & C	CRUSHED	Name of									
ROCK - 12 inches FILL: Brown, clayey silt	444.74					SILTY CLAY: Brown brown, trace to some	and grayish				
FILL: Brown, clayey sill sand, organics	l, trace		1 2	0.5	32	brown, trace to some fine gravel	sand, trace	·	2	0.8	24
(A-4)		-	2	B B	32	(A-6)		: معمنانسندا	3	u.e B	24
	442.74	1						340-			
SILTY CLAY: Grayish I	orown, trace							***			
sand (A-6)			1			n			3		
(Arro)		,,	2 2	0.0 B	28			Laborate Control	4	0.4	25
	21882	5	- 2	- 13				-25	4	В	- deliki kusu usur
CLAY: Brown and gray	440.24 /ish brown							4000			
(A-7)			WH) !!	1		
			1	2.0	30			************	2	1.5	24
			3	P					3	Р	a reconstruction
SILTY CLAY: Gray and	437.74					CLAY: Brown, some	41	7.74			
(A-6)			2			(A-7)	Bariu		3		
			2	1.0	25			النبيان الماة	3	1.0	18
		-10	4	В				-30	5	В	
CLAY: Brown and gray	435.24							ست	**************************************		
(A-7)	ish blown		2								
		15	2	1.3	22			\$600.			
		- The second	3	В	mannenge, atawa			<u> </u>			
		- 044						5-1-75			
		Y -	1				· ·	gazara Aleksania Maria	6		1
•		******	3	1.5	23	CLAYEY SHALE: Ta	n and brown	1.74	10	4.5	14
		-15	3	В			Control Control Control Control Control Control	-35	24	Р	

Andrew Research	Conseque Desiren		120	2000				-			1
Becomes brown and sand	I gray, trace	-	1 2	1.0	27						
na 11 separt haus-stage G			2	і. 0 В	£1	State of the state					1
		-1								1	
·		口				32		(
Becomes brown, sor trace fine gravel	me sand,		2	20 OF	34	Becomes brown		-	42		
Seem now Alonot		_	1 2	<0.25 P	21				50/3" 50/2"	-	13
Barran Constitution - 12 November - 19 Novem	AND CARLEST AND CONTRACTOR OF THE PROPERTY OF	-20	•		L	<u> </u>		-40	0014	1	

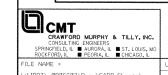
The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

Illinois Depa of Transpor Division of Highways			11.	Douto	OIL BORIN 13 over BNSF Railroad Drive	near Marathon	Date
SECTION	, L	OCAT	ION _	Marior	n, SECS. 10SW & 15NV	V, TWP. 9S, RNG. 2E	
COUNTY Williamson DRI	ILLING MET	HOD		<u>CV</u>	NE 55LC W/HSA	HAMMERTYPE	Automatic
STRUCT, NO. Station BORING NO. SB-4 Station 1743+57.42 Offset 74.40ft Lt	- P T H	B L O W S	Э 6 6	M O I S T	Upon Completion		
Ground Surface Elev. 445.7 CLAYEY SHALE: Tan and brown	ft (m)	(/6")	(tsf)	(%)	After Hrs,	<u> </u>	
(continued)	keraj Saranana				A THE PROPERTY OF THE PARTY OF		
					SERVICE MINES		
	·				ozana da caro		
Becomes gray		50/4"		14	, .	y	
	-45	50/1"/					
	-				And I find a server		
	***************************************				1,000,000		
	<u></u>				St. commission of the state of		
	397.04 —			nosit/dati	Achd Collinson		
· · ·	State State	50/1" 50/1"	- 1	14			
	50				11 TO THE REAL PROPERTY.		
	, 4	-			Section 1		
	-55						
	(1730)					41	

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)

BBS, from 137 (Rev. 8-99)



FILE NAME =
L:\IDOT\ 0906603\Draw\CADD_Sheets\ STRUCTURAL PLANS\MSE WALLS\
STRUCTURAL PLANS\MSE WALLS\
100-W001\
100W001-98859-016-Borings.dgn

USER NAME = Gary Davis	DESIGNED	-	JMW	REVISED -	
	CHECKED	-	REB	REVISED -	
PLOT SCALE = 1.0000 '/ IN.	DRAWN	-	AJK	REVISED -	
PLOT DATE = 12/7/2011	CHECKED	-	REB	REVISED -	

BORING LOGS STRUCTURE NO. 100-W001								
SHEET	NO 16	ΩF	17	SHEETS				

F.A.P. SECTION							COUNTY	TOTAL	SHEE NO.
331	(1X-1)	VB-1,	B-1,	N-4,	R-3	T	WILLIAMSON	367	255
							CONTRACT	NO.	98859
			ILLI	NOIS F	ED. A	ID	PROJECT		