(P)	Illinois Department of Transportation
	or manaportation

SOIL BORING LOG

Page 1 of 1

IDOT							Dat	12/	14/07		
ROUTE FAP 66 (US14)	DE	SCR	IPTION	ı	0	ver Lawrence Creek Tributary L	OGGED B	Y <u>M. E</u> :	sposito		
SECTION 21-G LOCATION NW 1/4, SEC. 13, TWP. 46N, RNG, 5E, 3 rd PM											
COUNTY McHenry DF	RILLING METHOD CME					750, 3.25" ID HSA HAMMER TYPE	CME Automatic				
STRUCT. NO. 056-2001 (exist.) Station 99+97 BORING NO. CB-3 Station 99+81 Offset 18.00ft Lt CL Ground Surface Etev. 956 48		D E P T H (ft)	8 V S (/6")	C S Qu (tsf)	M O S T (%)	Surface Water Elev. 948,86 ft Stream Bed Elev. ft Groundwater Elev.: First Encounter 947.0 ft \ Y. Upon Completion 935.4 ft \ \ After Hrs. ft	(ft) (/6"	Qu			
Aggregate Shoulder	954 48					Soft to Medium Stiff Brown SILTY CLAY	0 1 3	0.3 B	21.0		
Soft Black SILTY CLAY	304 40		1 2 2		16.0	Grades w/more Sand	1 2	0.9 B	25.0		
Soft to Stiff Brown SANDY CLAY	951.98	5	1 2 1	0.5 B	24.0	Grades to Gray, Stiff to Very Stiff	-25 3 3 5	2.3 B	24.0		
Grades to Black Encountered a Cobble @ Appróx. 8.5 ft.	<u>946 98</u>		3 6 7	2.0 P 0.0	21.0		3 - 6 - 8	1.9 B	17.0		
Stiff Brown SILTY CLAY	949.50	-10	3 5 6	1.3 B	12.0	924.98	-30 5 6 9	2.6 B	11.0		
			3 4 5	1.4 B	13.0	End of Boring					
		-15	2	1.3	12.0		.35				
pose Brown SILT	939.48		5	В	00.0						
	936.48	-20	3	1.0 B	20.0		-40				

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)

D 400

BBS, from 137 (Rev. 8-99)

HBM 4415 WEST HARRY MILE THE A DESIGN HILLSIDE, 11 60 SPECTION & RATING PHONE (708). SEARCH & TESTING FAX: (708)

USER NAME = mustafa.alobaidi	DESIGNED	-	MAF	REVISED
FILE NAME = 0560086-60V25-010-Soil Boring Logsl.dgn	CHECKED	-	MI	REVISED
PLOT SCALE = N.T.S.	DRAWN	-	MAF	REVISED
PLOT DATE = 5/2/2014	CHECKED	-	MI, MAI	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

 SOIL BORING LOGS I
 F.A.P. RTE.
 SECTION

 STRUCTURE NO. 056-0086
 066
 21B-R

 SHEET NO. S-10 OF 11 SHEETS
 | ILLING

Page 1 of 1

Date 12/14/07

COUNTY TOTAL SHEET NO.

MCHENRY 40 30

CONTRACT NO. 60V25

ROUTE FAP 66 (US14)	DESCRIPTION			·	Over Lawrence Creek Tributary Lo				OGGED BY M. Esposite				
SECTION 21-G LOCATION NW 1/4, SEC. 13, TWP, 46N, RNG. 5E, 3 rd PM													
COUNTY McHenry D	DRILLING METHOD				CME 750, 3.25" ID HSA HAMMER TY			E CME Automatic					
STRUCT. NO. 056-2001 (exist. Station 99+97		DEPT		UCS	w - 0 ₹	Surface Water Elev. 948.86 ft Stream Bed Elev. ft	1	D E P	BLOW	w o c	M 0 1 s		
BORING NO. CB-2 Station 100+15 Offset 18.00ft Rt CL Ground Surface Elev. 957.43		н	S	Qu (tsf)	Т	Groundwater Elev.: First Encounter	t ¥ t ∇	Н	S (/6")	Qu (tsf)	T (%)		
Aggregate Shoulder Approx. 8 inches Medium Stiff to Stiff Brown SILTY	956.76					Loose Gray SILT (continued) Grades to Silty LOAM			1 2	0.5	19.0		
CLAY			200	0006 000	10.0	Medium Stiff to Stiff Brown	35.43		3	В			
Encountered a Cobble			4 4	0.5 P	12.0	SANDY CLAY	-	+	3 4	0.B B	24.0		
@ Approx. 3.5 ft.		-5	1			Grades w/less Sand		-25	3				
Grades w/some Gravel			4	1.8 P	14.0		31.43	#	3 4	1.6 B	19.0		
	٨		3				-		3	1.9	16.0		
		Ţ	4	3.5 P	14.0		-	1	6 .	B	10.0		
		-10	3	P	15.0		-	-30	3	2.4	13.0		
2 inch Sand Seam @ Approx 11.2 ft. Loose to Medium Dense Brown	945.43		_5_	1.0 P	19.0	End of Boring	<u>25.93</u> -	+	7	В			
Coarse SAND		<u> </u>	5 9 11		15.0	*	-						
Grades to Fine	1	-15	0			*	-	-35					
Grades to Fine		<u> </u>	3 4		20.0		-	_					
	939.43		4				-						
Loose Gray SILT		-	4	1.5	19.0 33.0			-					
Grades to Brown		-20		P.				-40					

SOIL BORING LOG

Illinois Department of Transportation

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