



SOIL BORING LOG

Date 10/8/09

ROUTE FAP 310 (US 67) DESCRIPTION US 67 over Farmers Fork Creek LOGGED BY KS

SECTION (38B-2) BR LOCATION SEC. 6, TWP. 6N, RNG. 2W, 4th PM

Latitude 40.53619 N, Longitude 90.67378 W

COUNTY McDonough DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO. 055-0003 (existing) 055-0080 (proposed)
Station 152+96.93

BORING NO. B-3
Station 152+20
Offset 17.00ft LT (NB CL)
Ground Surface Elev. 681.00 ft

DEPTH (ft)	SOIL DESCRIPTION	DEPT	BL	UCS	MOIST	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.	First Encounter	Upon Completion	After	Hrs.
0	Asphalt Pavement 10 inches thick											
0	Base Course 4 inches thick											
0	Green to Black, Moist CLAY LOAM (fill), trace gravel, organics	3	2.0	26		669.50	668.10	665.0	673.0			
2		2	0.8	22		657.00						
2	Medium Dense Green to Gray, Moist SANDY CLAY, trace gravel	2										
2	Stiff Green, Moist SILTY CLAY, trace gravel	2	1.4	21								
2		2	1.0	23		652.00						
2	Medium Dense Gray, Coarse, Wet SAND, little gravel	3										
2	Drill Method Switched to Mud Rotary at 3'											
2	Soft Black, Moist SILTY CLAY, trace gravel	1	0.4	38		648.00						
2		2										
2	Very Loose Green, Fine, Moist SAND, trace gravel	1		21		648.00						
2		2										
2	Dense Brown to Green, Fine, Moist to Wet SAND, trace gravel	10		18		645.00						
2		14										
2		18										
2		18										
2		17										
2		17										

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, form 137 (Rev. 8-99)



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0	Medium Dense Gray, Wet GRAVEL, and sand (continued)					669.50	668.10	665.0	673.0			
0	Medium Stiff to Soft Gray, Moist to Wet SILT (continued)											
0	Very Dense Gray, Coarse, Moist to Wet SAND, little gravel	15				614.00						
0	Soft Gray, Moist CLAY LOAM, trace gravel	5										
0	Dense Brown to Gray, Fine, Moist to Wet SAND, trace gravel	10				607.00						
0	Medium Stiff to Soft Gray, Wet SILT	12	0.9	22								

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0	Stiff Gray, Moist SILTY CLAY LOAM, trace gravel (continued)					669.50	668.10	665.0	673.0			
0	Medium Stiff to Stiff Gray, Moist to Wet SILTY CLAY LOAM (continued)											
0	Very Hard Gray, Moist to Dry SILTY LOAM, rock fragments	9				579.00						
0	Medium Stiff to Stiff Gray, Moist to Wet SILTY CLAY LOAM	10	1.0	26		576.00						
0	Suspected Shale Bedrock at 105'											
0	LL=33.8, PL=21.1, PI=12.7	7				567.50						
0	End of Boring	7	0.6	26								

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BORING B-3

FILE NAME =	USER NAME = eeb	DESIGNED - KTH	REVISED -
P:\07files\070286\Phase2\Bridg P1ens\32_BORINGLOGS_0808.dgn		CHECKED - ADL	REVISED -
		PLOT SCALE = 16:8,0000 ' / IN.	REVISED -
		PLOT DATE = 12/8/2011	REVISED -
		CHECKED - RJP	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS S.N. 055-0080 (NB)

SHEET NO. 32 OF 35 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	138B-2)BR	MCDONOUGH	130	89
				CONTRACT NO. 68691

ILLINOIS FED. AID PROJECT
Klmaner & Associates P.C.