

SOIL BORING LOG

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Division of Highways GSG CONSULTANTS INC. **Date** 5/9/11 ROUTE FAI 74 DESCRIPTION FAI 55 Business (NB) over FAI 74 (WB) LOGGED BY RJC **SECTION** (57-20HB)BR LOCATION South of Bloomington, SEC. 19, TWP. 23N, RNG. 2E, 3rd PM, Latitude , Longitude COUNTY McLean DRILLING METHOD HSA HAMMER TYPE 057-0061 existing D E STRUCT. NO. 057-0253 proposed Surface Water Elev. NA ft L С 0 L С 0 52+51.02 Stream Bed Elev. Station NA ft Р 0 S 0 S 1 W W S BORING NO. B-1 N. Abut Groundwater Elev.: Qu S Qu Station 51+40 First Encounter 778.8 ft 🕎 Offset 1.00ft LT **Upon Completion** 757.6 **ft** ∑ (ft) (/6") (tsf) (%) (ft) (/6") (tsf) (%) Ground Surface Elev. 812.30 After - Hrs. Stiff to Hard Dark Brown, Moist SILTY CLAY LOAM (Fill), little Dark Gray, Moist organics, trace gravel SILTY LOAM, trace organics 790.80 (continued) 5.0 5 2.7 25 Very Stiff 6 Р 6 S Brown and Gray, Moist SILTY LOAM, trace gravel 808.80 788.80 Brown, Moist Very Soft Greenish Brown, Moist SILTY CLAY LOAM (Fill), little 808.00 2 0.3 28 6.1 787.80 SILTY LOAM organics, trace gravel 8 2 Р S Gray, trace Brown, Moist Very Soft SILTY LOAM (Fill), trace gravel Brown, Moist 806.30 **CLAY LOAM** Brown and Dark Brown, Moist Medium Stiff to Stiff 805.80 SILTY LOAM (Fill), trace gravel 6 2.9 26 2 0.8 17 Brown, Moist Brown, Gray, and Dark Gray, Moist SILTY LOAM (Fill), trace gravel SILTY LOAM, trace gravel 3 В В 5 6 3.9 23 3 1.0 17 802.80 Dark Gray, Moist 7 В 7 В SILTY LOAM (Fill), trace gravel Brown, Moist SILTY LOAM 4 3.5 24 Brown, Gray, and Dark Gray, Moist SILTY LOAM (Fill) 7 В 778.80 798.80 Brown, trace Gray, Moist Very Stiff SILTY LOAM (Fill) Gray, Wet 5.0 19 2.3 14 SILTY LOAM, trace gravel 6 5 Р Р 796.30 Gray and Dark Gray, Moist SILTY LOAM (Fill) 6 4.7 21 795.40 Stiff to Hard 8 В Dark Gray, Moist SILTY LOAM, trace organics 12 1.6 14 3 1.8 22 772.80

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)

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BBS, form 137 (Rev. 8-99)

772.30 -40

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SOIL BORING LOG

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Date 5/9/11

ROUTE	FAI 74		DESC	RIPTIO	N	FAI 5	55 Business (NB) over F	AI 74 (WB)	L0	OGGE	DBY	R	JC	
SECTION	(57-20HB)BR		LOCATION Sc				South of Bloomington, SEC . 19, TWP . 23N, RNG . 2E, 3 rd PM , Latitude , Longitude							
COUNTY	McLean	DRIL	LING METHOD				HSA	HAMMER TYPE		AUTO				
STRUCT. NO. Station SORING NO. Station Offset Ground Surfa	52+5 B-1 N. 51+ 1.00f	Abut 40	- E	o W	U C S Qu (tsf)	M O I S T	Surface Water Elev. Stream Bed Elev. Groundwater Elev.: First Encounter Upon Completion After - Hrs.	NA NA 778.8 757.6	_ ft _ _ ft _ _ ft <u>_</u>	D E P T H	B L O W S	U C S Qu (tsf)	N C I S	
AND, trace gr lard			- 13 1				Hard Bluish Gray, Wet							
Gray, Wet SILTY LOAM, t	race gravel						SILTY LOAM, with gra	ivel						
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				5						-	100			
				8	5.1	13			747.80		35	13.0	1	
			_	₄₅ 12	В		Very Dense Gray, Fine to Medium	grain, Wet		-65	40	Р		
							SAND, trace gravel							
			_											
			<u> </u>											
				7					743.30		14			
			_	10 50 15	4.1 B	12	Very Hard Gray, Wet SILTY LOAM, trace gr	avel	742.30	-70	21 27	10.3 P	1	
							End of Boring		,					
			_											
				6										
			▽ -	14	6.3 B	11								
				55 20	В	-				-75				
			_											
										-				
		71	53.80											
Hard				35										
Bluish Gray, W	et vith gravel			20	6.3 P	11								

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)

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FILE NAME =	L
\$FILES\$	
MAURER-STUTZ	н
ENGINEERS SURVEYORS	F

	USER NAME = piersonbr	DESIGNED - BAS	REVISED -
		CHECKED - JAE	REVISED -
Z	PLOT SCALE =	DRAWN - SGM	REVISED -
	PLOT DATE = 7/30/2013 \$TIME\$	CHECKED - BAS	REVISED -

Gray, Fine to Medium grain, Wet

SOIL BORINGS		SECTION	COUNTY	TOTAL SHEETS	SHEE NO.
STRUCTURE NO. 057-0254	74	(57-20HB)BR-1	MCLEAN	440	261
3111001011L 110. 037-0234			CONTRACT	NO. 7	0570
SHEET NO. 26 OF 28 SHEETS	ILLINOIS FED. AID PROJECT				