

SOIL BORING LOG

	Division of Highways GSG CONSULTANTS INC.									Date	5/	9/11	
ROUTE	DES	SCR	IPTION		FAI	55 Business (NB) over FAI 74 (EB)	LC	OGGE	ED BY	R	JC		
SECTION (57-20HB-1)BR		3	LOCATION			South of Bloomington, SEC. 19, TWP. 23N, Latitude , Longitude			, RNG . 2E, 3 rd PM ,				
COUNTY	McLean D	RILLING	ILLING METHOD			HSA HAMME		TYPE		Αl	JTO		
	057-0059 existing 057-0251 propose 57+97.32		D E P	B L O	U C S	M O I		_ ft _ ft	D E P	B L O	U C S	M O I	
BORING NO. Station Offset			H	W S	Qu	S T		_ ft ▼ _ ft ▽	H	W S	Qu	S	
Ground Surface	ce Elev. 806.00	ft	(ft)	(/6")	(tsf)	(%)	After Hrs	ft	(ft)	(/6")	(tsf)	(%)	
· ·	Fill), little organics	805.00				15	Brown, Moist SILTY LOAM (Fill), trace gravel (continued)		_				
	k Brown, Moist Fill), trace gravel,		_	6	4.0	44		784.50	_	2	0.0	40	
organics	-III), trace graver,			6 7	4.3 P	14	Brown and Gray, Moist SILTY LOAM (Fill), trace gravel			4 8	2.6 B	13	
Dark Brown, M		802.50		3				700.00		2			
	Fill), trace gravel			4	7.0	13	Hard	782.00		5	5.5	29	
			-5	5	Р		Black and Dark Gray, Moist SILTY LOAM, trace organics		- <u>25</u>	7	В		
			_					780.00	_				
				2	404		Stiff to Very Stiff			3			
				7 8	8.0 P	11	Brown and Gray, Moist SILTY LOAM			4 6	2.0 B	21	
Dark Gray, Mois		797.50		4						2		×	
Balk Glay, Moist SILTY LOAM (Fill), trace gravel, organics				6	3.7	18				2	1.2	20	
			-10	Q	В				-30	4	В		
				4									
				7 8	4.1	13							
				0	В								
			_	3			Very Stiff	772.50	▼	2			
			-15	4 6	4.3 P	23	Brown, Wet SILTY LOAM		-35	4 7	2.0 P	21	
									-				
Brown, Moist		789.70		6									
SILTY LOAM (F Brown and Gra		789.20		7	4.3 B	19							
SILTY LOAM (F	ill), trace gravel							767.50					
		706		7	12	23	Brown, Fine to Medium grain, Wet SAND, trace gravel	767.00 766.70		5	2.0	14	
		786.50	-20	0	4.3 P	23	Very Stiff	700.70	-40	4	2.0 P	14	

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)



SOIL BORING LOG

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ROUTE	FAI 74	DE	DESCRIPTION			FAI 55 Business (NB) over FAI 74 (EB)			LOGGED BY			R	RJC	
SECTION	(57-20HB-1)BF	R	LOCATION			South of Bloomington, SEC. 19, TWP. 23N, RNG. 2E, 3 rd PM,								
COUNTY	McLean D	RILLING	LING METHOD			Lautu	ide , Longitude HSA	HAMMER TYPE		AUTO				
TOUCT NO	057-0059 existing		D	В	U	М	Surface Water Flav	NIA		D	В	U	N	
Station	057-0251 propose 57+97.32	eu_	E	L	C	0	Surface Water Elev Stream Bed Elev.	NA NA		E	Ĺ	C	C	
		Bers 1	P	0	S	1			- ''	Р	0	S		
BORING NO.	B-8 S. Abut		T	W		S	Groundwater Elev.:			T	W		5	
Station	59+03		Н	S	Qu	Т	First Encounter	772.5		н	S	Qu	1	
	5.60ft LT						Upon Completion	751.0	$_{flue{ }}$ ft $igstyle{ igstyle igytyle i$					
Ground Surfac	e Elev. 806.00	ft	(ft)	(/6")	(tsf)	(%)	After - Hrs.		ft	(ft)	(/6")	(tsf)	(%	
Gray, Wet SILTY LOAM, so	ome gravel						Brown, Fine to Medium of GRAVEL, trace sand (co	grain, Wet						
Gray, Wet	onio gravor	_							745.00					
SILTY LOAM, tra	ace gravel		_				Hard Brown and Gray, Wet							
continued)							SILTY LOAM, trace grave	ما						
							OLT I LOAW, trace grave	CI.						
				8							35			
				9		17					27	8.0		
			-45	13					741.00	-65	36	Р		
			-43				End of Boring		771.00	-03				
			_							-				
			-											
			_							-				
			_							- 7				
			-							-				

		757.50		40						_			- 11	
rown, Wet	omo gravel			19	7.0	40				-				
SILTY LOAM, some gravel	756.50		25	7.0	10									
ense	Andlum or to MA		-50	23	Р					-70				
rown, Fine to N AND, trace gra	Medium grain, Wet													
AND, trace gra	IVEI													
			_											
			_											
			-	14						-				
				20		12								
			~ - -	00										
			<u> </u>							- <u>75</u>				
			_							_				
			_											
										11/1/11				
				3										
				7		11	1							
		746.50		,		1.1								

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)

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USER NAME = piersonbr	DESIGNED - MJT	REVISED -
	CHECKED - RJP	REVISED -
PLOT SCALE =	DRAWN - BAS	REVISED -
PLOT DATE = 7/26/2013 \$TIME\$	CHECKED - MJT	REVISED -

SOIL BORINGS		SECTION	COUNTY	TOTAL SHEETS	SHEE NO.	
STRUCTURE NO. 057-0251	74	(57-20HB-1)BR	MCLEAN	440	181	
3111001011L 140. 037-0231			CONTRACT	NO. 7	0570	
SHEET NO. 28 OF 28 SHEETS	TILLINOIS FED. ATD PROJECT					