R	Illinois Department of Transportation	
U.	Division of Highways	

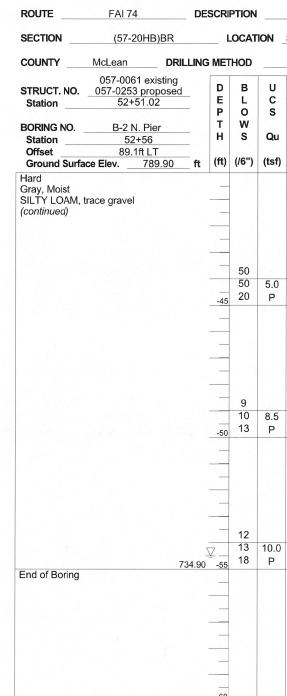
Page	1	of	2	

Date 5/11/11



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 AUTO 057-0061 existing D в U Μ D в U Μ STRUCT. NO. 057-0253 proposed Surface Water Elev. NA ft Е L С 0 0 52+51.02 Е L С Station Stream Bed Elev. NA ft Ρ ο S Ρ 0 S 1 1 w w BORING NO. т S т S B-2 N. Pier Groundwater Elev.: н S Qu Т S Qu т н Station 52+56 First Encounter 778.7 ft 🝸 89.1ft LT 735.4 ft 💆 Offset **Upon Completion** ft (ft) (/6") (tsf) (%) (ft) (/6") (tsf) (%) Ground Surface Elev. 789.90 After - Hrs. - ft Dark Brown, trace Gray, Moist SILTY LOAM, little organics, trace 19 768.90 gravel Gray, Wet SILTY LOAM, trace gravel 4 788.50 2 768.40 Stiff 3 1.8 26 5 18 767.90 Gray, Coarse grain, Wet SAND, trace gravel Brown, Moist 5 2 В SILTY LOAM, trace gravel Gray, Fine grain, Wet 766.40 SAND, trace gravel 2 5 Very Stiff 1.0 26 2 7 2.5 15 Gray, Wet 2 В SILTY LOAM, trace gravel 7 Р -5 -25 2-inch lens of Brown SAND, Fine 3 1 to Medium Grain at -6.0' 1.8 19 6 2.7 13 1 в 2 6 В 1 3 2.6 13 1.0 16 4 1 3 В 7 В -10 -30 778.70 🔻 4 Medium Dense 18 Brown, Fine to Medium grain, Wet 6 SAND, trace gravel 8 756.40 4 Very Stiff 8 Brown and Gray, Moist 20 14 6 3.3 11 SILTY LOAM, trace gravel 9 20 Ρ -15 -35 773.90 Stiff Gray, Wet 2 1.2 14 SILTY LOAM, trace gravel 5 В 771.40 751.40 Medium Dense 8 Hard 13 19 5.5 10 Brown, Fine to Medium grain, Wet 10 25 Gray, Moist SAND SILTY LOAM, trace gravel 13 18 Р -20

SOIL BORING LOG



The Unconfined Compressive Strength (UCS) Failure Mode The SPT (N value) is the sum of the last two blow values in

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)

FILE NAME USER NAME = piersonbr DESIGNED - BAS REVISED SOIL BORI \$FILES\$ STATE OF ILLINOIS CHECKED -JAE REVISED STRUCTURE NO. MAURER-STUTZ PLOT SCALE = ENGINEERS SURVEYORS PLOT DATE = 7/30/2013 STIMES DRAWN SGM REVISED **DEPARTMENT OF TRANSPORTATION** SHEET NO. 27 OF CHECKED -BAS REVISED

uth	5 Business (NB) over F. of Bloomington, SEC. 1			
titu	de , Longitude HSA		AUTO	
N C	Surface Water Elev. Stream Bed Elev.	NA ft NA ft		
S T %)	Groundwater Elev.: First Encounter Upon Completion After Hrs.	<u>778.7</u> ft ⊻ <u>735.4</u> ft ⊻ ft		
)				
1				

INGS		SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
. 057–0253	74	(57-20HB)BR	MCLEAN	440	234
. 037-0233	CONTRACT NO. 705				0570
28 SHEETS	ILLINOIS FED. AID PROJECT				