Boring Information taken from Design Drawings:
Elevation 646.0 feet, Station 631+82.00, Offset 4.0 RT

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation/D-2

SOIL BORING LOG

Date 1/4/07

ROUTE FAP 646 DESCRIPTION P92-045-06 Bridge over I & M Feeder Canal, IL 40 LOGGED BY Wally Garza

SECTION 101 BR-3 LOCATION Coloma Twp. - 33 SE, SEC. , TWP. 21N, RNG. 7E

COUNTY Whiteside DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diedrich Automatic

STRUCT. NO. 098-0015
Station

BORING NO. B-2
Station 79+50
Offset 0.00ft Ctr. of Median
Ground Surface Elev. 100.00 ft

Surface Water Elev. ft
Stream Bed Elev. 82.00 ft

Groundwater Elev.:
First Encounter 82.5 ft ▼
Upon Completion 94.0 ft ▽
After Hrs. ft

	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Auger boring completed due to presence of high-power lines.				
BROWN sandy ROAD ROCK				
	97.00			
VERY STIFF dark brown SANDY CLAY LOAM			2.3 P	22.0
	95.00 -5			
VERY STIFF dark brown SANDY LOAM ▽			2.0 P	13.0
	92.50			
STIFF dark brown SANDY LOAM			1.3 P	19.0
	90.00 -10			
MEDIUM dark brown SANDY LOAM			0.5 P	14.0
	87.50			
MEDIUM dark brown SANDY LOAM			0.5 P	20.0
	-15			
LOOSE dark gray dirty medium SAND	84.50			
LOOSE gray fluid medium SAND ▼	82.50			
	80.00 -20			

	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
MEDIUM tan clean medium SAND				
	75.00 -25			
MEDIUM tan gray clean medium SAND with GRAVEL				
	70.00 -30			
MEDIUM tan-gray, clean, medium SAND with GRAVEL				
Smooth, easy drilling down to 58'.				
	-35			
	-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)
BBS, from 137 (Rev. 8-99)

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation/D-2

SOIL BORING LOG

Date 1/4/07

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Ground Surface Elev. 100.00 ft

Surface Water Elev. ft
Stream Bed Elev. 82.00 ft

Groundwater Elev.:
First Encounter 82.5 ft ▼
Upon Completion 94.0 ft ▽
After Hrs. ft

	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
MEDIUM tan-gray, clean, medium SAND with GRAVEL				
Smooth, easy drilling down to 58'. *(continued)*				
	-45			
	-50			
	47.00			
Rough Med Drilling to 60'				
	-55			
	40.00 -60			
End of Boring				

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, from 137 (Rev. 8-99)

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STRAND ASSOCIATES®
1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200
IDFPR NO. 184-001273

USER NAME = brianf	DESIGNED - RRD	REVISED	
	CHECKED - AJS	REVISED	
PLOT SCALE =	DRAWN - BJF	REVISED	
PLOT DATE = 10/12/2012	CHECKED - RRD	REVISED	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOG (2 OF 2)
STRUCTURE NO. 098-0015
SHEET NO. 34 OF 35 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
646	101 BR-3	WHITESIDE	113	90
		CONTRACT NO. 64C17		
	ILLINOIS FED. AID PROJECT			