ILLINOIS DEPARTMENT OF TRANSPORTATION
District Two Materials

Units English
Bridge Foundation
Boring Log

Hahnaman Twp. - 33NE - T19N, R7E
BM = CL Roadway @ center of bridge = 100.00

Sh. 1 of 3

PROJECT P-92-060-99 BRIDGE IL 40 over the Green River, 1.0 mile south of Deer Grove Date 01/07/00

ROUTE FAP 646 Bored By W. Garza

SEC. 102 BR-2 STA. 674 + 78 Checked By T. Bratt

COUNTY Whiteside
Boring No. B-2
Sta 674 + 83
O/S 15.6' Rt CL

Surf Wat El. 85.0
Grndwater El.
at Compl Wash
At 48 Hrs 86.1

Description	DEPTH	N	Qu t/sf	W %
Ground Surface 645.1	0			
12" of Asphalt				
SOFT brown dirty SANDY LOAM				4
LOOSE rust/brown dirty SAND		2 2 3		20
LOOSE rust fine SAND with little CLAY	-5	2 2 3		9
MEDIUM brown dirty SAND		1 3 3	0.7 P	17
VERY SOFT grayish brown SANDY LOAM	-10	1 2 3	0.2 S	22
MEDIUM dark brown/ black SILTY LOAM 10% Organics		1 3 4	0.7 P	44
First Encounter V	-15			
Auger Refusal in Conc. Moved the boring. 3rd attempt, very little recovery - LIMESTONE fragments		1 0 0		
SOFT olive-green SILT 22% Organics		1 0 1	0.5 P	52
LOOSE gray fine SAND	-20	1 2 4		
		next column		

Description	DEPTH	N
1/10/2000 MEDIUM gray fine SAND		5 7 6
LOOSE gray fine SAND	-25	1 2 5
MEDIUM gray fine SAND		1 4 7
MEDIUM gray medium coarse SAND	-30	1 6 6
LOOSE gray medium coarse SAND	-35	1 2 4
MEDIUM gray fine SAND	-40	2 4 7
	-45	

N-Std Pentr Test: 2" OD Sampler, 140# Hammer, 30" Fall (Type Fail. B-Bulge S-Shear E-Estimated P-Penetrometer)

Sheet 1 of 3

Units English
Project P-92-060-99
Route FAP 646
Sec. 102 BR-2
County Whiteside

Sh. 2 of 3

Boring No. B-2
Sta 674 + 83
O/S 15.6' Rt CL

Description	El.	N	Qu t/sf	W %
wash	-45			
MEDIUM gray SAND with GRAVEL		1 6 9		
wash	-50			
No Recovery		4 6 9		
wash	-55			
MEDIUM gray fine SAND		5 12 9		
wash	-60			
MEDIUM gray fine SAND		1 4 7		
wash	-65			
MEDIUM gray fine SAND		7 11 12		
	-70			

Description	El.	N	Qu t/sf	W %
wash	-70			
VERY STIFF gray CLAY		4 4 8	3.5 S	26
wash				
VERY STIFF gray CLAY		5 5 6	2.0 S	30
	-75			
VERY STIFF gray CLAY		3 4 7	2.2 S	30
wash				
VERY STIFF gray CLAY		5 6 7	2.3 B	29
wash	-80			
STIFF gray CLAY		6 6 8	2.0 P	27
VERY STIFF gray CLAY		4 7 7	2.3 B	24
	-85			
VERY STIFF gray CLAY		3 5 6	2.1 B	25
wash				
VERY STIFF gray CLAY		4 6 8	3.1 B	25
wash	-90			
VERY STIFF gray CLAY		4 5 6	3.1 B	29
VERY STIFF gray CLAY		3 6 8	2.9 B	30
	-95			

Sheet 2 of 3

BORING #2

SOIL BORING LOG
IL RTE 40 OVER GREEN RIVER
F.A.P. 646 SECTION (102)BR-2
WHITESIDE COUNTY
STATION 674+77.63
S.N. 098-0018

DESIGNED DDB	RANDOLPH & ASSOCIATES, INC. CONSULTING ENGINEERS • LAND SURVEYORS	FILE NUMBER 136.111
CHECKED JFJ		
DRAWN JDB		DATE Aug. 2005
CHECKED DDB		

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8/9/2005