STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 17	(123WPH) BR-1	OGLE	61	39
FEDERAL ROAD DISTRICT NUMBER 7		ILLINOIS	FEDERAL AID PROJECT -	

SHEET NO. 10
10 SHEETS

CONTRACT #64417

ILLINOIS DEPARTMENT OF TRANSPORTATION
District Two Materials
Lynnville Twp. - 26NE - T41N, R2E

Units English
Bridge Foundation
Boring Log

PROJECT P-92-050-99 BRIDGE IL 64, 1.5 miles west of DeKalb County Line Date 02/09/00 Sh. 1 of 2
ROUTE FAP 17 Bored By W. Garza
SEC. (123 WPH) BR-1&2 STA. 266 + 38 Checked By T. Bratt
COUNTY Ogle

Boring No. B-1
Sta 266 + 10
O/S 47' Rt CL

Surf Wat El. 789.53
Grndwater El. at Compl Wash
At ____ Hrs ____

Description	El.	Depth	N	Qu t/sf	W %
Ground Surface 789.03		0			
SOFT brown LOAM			2 2 3	0.5 p	25
STIFF gray CLAY LOAM			3 5 5	1.2 p	27
First Encounter V	-5				
MEDIUM gray SILTY LOAM bottom 8" SAND & GRAVEL			3 4 6	0.6 B	23
Streambed Elev.- 89.4 MEDIUM gray medium coarse SAND			2 7 9		
MEDIUM gray SAND & GRAVEL	-10		8 9 12		
MEDIUM gray medium coarse SAND			3 7 6		
MEDIUM Same as above	-15		5 6 6		
LOOSE/MEDIUM gray fine SAND			3 3 3		
MEDIUM gray SILT top 6" SAND	-20		5 3 3	0.8 B	
next column					

Description	El.	Depth	N	Qu t/sf	W %
MEDIUM gray SILTY CLAY TILL			2 3 5	0.7 p	9
MEDIUM/STIFF gray SILTY CLAY TILL	-25		10 7 6	1.0 p	13
MEDIUM gray dirty SAND & GRAVEL			8 3 4		
STIFF gray CLAY TILL	-30		3 3 8	1.4 B	18
wash					
VERY STIFF gray CLAY TILL			7 10 12	2.5 B	16
wash					
VERY STIFF gray SILTY CLAY TILL	-35		5 7 11	2.5 B	16
wash					
VERY STIFF gray CLAY TILL			8 8 12	3.5 B	18
wash					
STIFF gray SILTY CLAY TILL	-40		3 3 8	1.7 S	17
wash					
STIFF gray SILTY CLAY TILL			6 8 11	1.6 B	17
next column					

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

Units English
Project P-92-050-99
Route FAP 17
Sec. (123 WPH) BR-1&2
County Ogle

Sh. 2 of 2

Boring No. B-1
Sta 266 + 10
O/S 47' Rt CL

Description	El.	N	Qu t/sf	W %
wash	-45			
MEDIUM/STIFF gray SILTY CLAY TILL very little recovery		10 13 18	1.0 p	17
wash				
MEDIUM gray fine SAND		7 4 8		
wash	-50			
DENSE gray SAND & GRAVEL with LIMESTONE		11 21 28		
VERY DENSE gray fine SAND		15 25 43		
VERY DENSE gray with LIMESTONE, fine SAND	-55	100/12" PEN		
END OF BORING				
gray/brown				
	-60			
	-65			
	-70			
	-70			
	-75			
	-80			
	-85			
	-90			
	-95			

ILLINOIS DEPARTMENT OF TRANSPORTATION
District Two Materials
Lynnville Twp. - 26NE - T41N, R2E

Units English
Bridge Foundation
Boring Log

PROJECT P-92-050-99 BRIDGE IL 64, 1.5 miles west of DeKalb County Line Date 02/09/00 Sh. 1 of 2
ROUTE FAP 17 Bored By W. Garza
SEC. (123 WPH) BR-1&2 STA. 266 + 38 Checked By T. Bratt
COUNTY Ogle

Boring No. B-2
Sta 266 + 74
O/S 43' Lt CL

Surf Wat El. 789.53
Grndwater El. at Compl Wash
At ____ Hrs ____

Description	El.	Depth	N	Qu t/sf	W %
Ground Surface 789.93		0			
MEDIUM/STIFF brown LOAM			3 5 7	1.0 p	22
MEDIUM/STIFF brown LOAM	-25		3 5 7	1.0 p	31
MEDIUM rust-gray LOAM	-25		3 2 4	0.6 B	36
MEDIUM gray SAND & GRAVEL Streambed Elev.-89.4			6 9 14		
First Encounter V	-10				
MEDIUM tanish gray SAND & GRAVEL			10 13 16		
MEDIUM gray SAND & GRAVEL	-15		6 6 9		
LOOSE/MEDIUM gray SAND & GRAVEL bottom 4" SILTY CLAY TILL	-15		8 6 4		
STIFF white/gray SANDY CLAY TILL			3 5 7	1.2 B	20
gray SILTY CLAY TILL	-20		4 6 11	3.3 B	19
next column					

Description	El.	Depth	N	Qu t/sf	W %
VERY STIFF Same as above wash			6 10 13	4.5 B	15
VERY STIFF Same as above	-25		8 10 17	4.5 B	15
VERY STIFF gray CLAY TILL wash			6 11 16	4.5 B	15
STIFF Same as above	-30		8 10 11	4.0 B	16
STIFF gray SANDY LOAM			7 11 12	4.5 S	12
STIFF gray CLAY TILL	-35		4 9 13	4.0 B	17
STIFF Same as above			3 10 15	2.0 B	18
VERY STIFF Same as above	-40		7 11 16	3.0 B	17
VERY STIFF Same as above			8 11 13	3.5 B	15
	-45				
	-70				

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

Units English
Project P-92-050-99
Route FAP 17
Sec. (123 WPH) BR-1&2
County Ogle

Sh. 2 of 2

Boring No. B-2
Sta 266 + 74
O/S 43' Lt CL

Description	El.	N	Qu t/sf	W %
Same as above	-45	11 12 15	3.0 B	17
MEDIUM gray fine SAND		6 10 10		
DENSE Same as above	-50	15 15 19		
fine sand		100/11" PEN		
skin friction				
END OF BORING	-55			
	-60			
	-65			
	-70			
	-70			
	-75			
	-80			
	-85			
	-90			
	-95			

DESIGNED	KJW
CHECKED	AJS
DRAWN	KJW
CHECKED	AJS

ANTHONY J. STANUSH
081-005819
LICENSED STRUCTURAL ENGINEER
STATE OF ILLINOIS
11/03

STRAND ASSOCIATES, INC.
ENGINEERS

ILLINOIS DEPARTMENT OF TRANSPORTATION
BORING LOGS
IL 64 OVER TRIBUTARY TO KILBUCK CREEK
F.A.P. RTE. 17 SECTION (123WPH) BR-1
OGLE COUNTY
STA. 266+38
S.N. 071-0091

SCALE: DATE: 06/01/2004