ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
T.R. 49	02-07119 -00-BR	PERRY	12	12
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT-	

CONTRACT NO. 99250

ILLINOIS DEPARTMENT OF TRANSPORTATION — Bridge Foundation
District Nine Materials — Boring Log

TR 49 (Oak Ridge Rd) Over Russian Creek — Sheet 1 of 1

Route: TR 49 — Structure Number: 073-3033 — Date: 11/01/1999
Section — Bored By: Bryan Keller
County: Perry — Location: NE Corner Section 19, T 4 S, R 3 W — Checked By: Joe Zdankiewicz

Boring No 1-S
Station 7' E of E Abut
Offset CL
Ground Surface 94.4 99.9 Ft

Surf Wat Elev: 90.4
Ground Water Elevation
when Drilling 83
At Completion 88.9
At: Hrs:

DEPTH	BLOW	Qu tsf	W%	Material
				Crushed Aggregate
93.5	98.9			
	4			Soft, dry, brown, Silt Loam
	3	0.4B	8	A-4
	3			BOTTOM CAP 91.1
5.0	2			
	4	0.4B	7	
	3			
87.5	92.9			
	4			Stiff, moist, brown mottled grey,
	4	1.4S	9	Silt Loam A-4
	3			
85.0	90.4			
10.0	1			Very soft, very moist, brown
	1	0.2B	22	mottled grey, Silty Clay A-6
	1			
	WH			
	WH	0.2B	22	
	WH			
80.0	85.4			
15.0	1			Soft, moist, grey, Silty Clay
	1	0.4B	21	A-6 with Sand layers
	1			
77.5	82.9			
	WH			Very loose, very moist, grey,
	1		GS	Fine to medium Sand with
	1			gravel
20.0	1			
	1			
	2			
	1			
	WH			
70.0	75.4			
25.0	6			

DEPTH	BLOW	Qu tsf	W%	Material
	5			Medium, very moist, grey,
	9			Fine to medium Sand
67.5	72.9			
	1			Very soft, very moist, grey,
	1	0.2B	24	Silt Loam to Silty Clay Loam
	1			A-6
65.0	70.4			
30.0	WH			Soft, moist, grey, Silty Clay to
	WH	0.4B	32	Silty Clay Loam A-6
	2			
62.5	67.9			
	2			Stiff, moist, grey, Silty Clay Loam
	2	1.1B	23	A-6 with sand and Gravel
	1			seams
60.0	65.4			
35.0	3			Medium, moist, grey, Silt loam to
	8	0.8P	23	Silty Clay Loam A-6 with
	9			Sand and gravel layers
	2			
	8	0.4	27	
	4			
54.5	59.9			
40.0	13			
	100/8"			Hard, dry, grey, Clay Shale
49.5	54.9			
45.0	100/2"			
				Bottom of hole = 45.2 feet
				Free water observed at 17.0'
				Elevation referenced to center of existing structure; Assumed elevation = 100.0 ft. 94.5 Note: To convert "N" values to "N60" values multiply by 1.25
50.0				

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

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

BORING 1

ILLINOIS DEPARTMENT OF TRANSPORTATION — Bridge Foundation
District Nine Materials — Boring Log

TR 49 (Oak Ridge Rd) Over Russian Creek — Sheet 1 of 2

Route: TR 49 — Structure Number: 073-3033 — Date: 11/01/1999
Section — Bored By: Bryan Keller
County: Perry — Location: NE Corner Section 19, T 4 S, R 3 W — Checked By: Joe Zdankiewicz

Boring No 2-S
Station 14' W of W Abut
Offset CL
Ground Surface 94.3 99.8 Ft

Surf Wat Elev: 90.4
Ground Water Elevation
when Drilling 75.5
At Completion 60.8
At: Hrs:

DEPTH	BLOW	Qu tsf	W%	Material
				Crushed Aggregate
92.5	97.8			
	5			Soft, moist, brown, Silt Loam
	3	0.4B	16	A-4
	2			
				BOTTOM CAP 91.1
5.0	1			
	2	0.4B	15	
	1			
	2			
	1	0.3B	16	
	1			
85.0	90.3			
10.0	1			Soft to medium, moist, brown
	1	0.5B	23	mottled grey, Silty Clay A-6
	2			
82.5	87.8			
	1			Medium, moist, brown mottled
	1	0.7B	27	grey, Silty Clay A-6
	2			
80.0	85.3			
15.0	1			Medium, moist, grey, Silty Clay
	1	0.7B	23	A-6
	1			
	WH			
	WH	0.4B	9	
	WH			
75.0	80.3			
20.0	1			Medium, moist, grey, Silty Clay
	1	0.4B	39	to Silty Clay Loam A-6
	1			
	WH			
	WH	0.4	25	
	WH			
69.5	74.8	25.0	1	

DEPTH	BLOW	Qu tsf	W%	Material
	WH	0.7B	26	Medium, very moist, grey, Clay
	WH			to Silty Clay A-6
	1			
	WH	0.7B	25	
	WH			
30.0	1			
	WH	0.8B	23	
	1			
	WH			
	1	0.7B	20	
	2			
60.0	65.3			
35.0	1			Medium, moist, brown, Clay
	1	0.8S	36	A7-6
	2			
	1			Medium, moist, grey, Clay to
	1	0.6B	22	Silty Clay A-6
	1			
54.5	59.8			
40.0	1			
	2	0.3B	23	
	2			
				Soft, very moist, grey, Silty Clay
				A-6 with sand seams
49.5	54.8			
45.0	4			Hard, dry, grey, Clay Shale 54.3
	100/6"			Bottom of hole =45.5 Feet
				Free water observed at 24.5 ft. Elevation referenced to center of existing structure; Assumed elevation = 100.0 ft. 94.5 Note: To convert "N"values to "N60" values multiply by 1.25
50.0				

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

BORING 2

HAMPTON, LENZINI & RENWICK, INC.
CIVIL & STRUCTURAL ENGINEERS
3085 STEVENSON DRIVE, SUITE 201
SPRINGFIELD, ILLINOIS 62703
(217) 546-3400
ELGIN • SPRINGFIELD

PROJECT NUMBER: 12-74-0006-1		DATE: 10/20/06
DESIGNED: T.P.L.	CHECKED: S.W.M.	DRAWN: D.T.M.

BORINGS

SECTION 02-07119-00-BR
ROAD DISTRICT NO. 4-3
PERRY COUNTY
STR. NO. 073-3178 / STATION 10+00