ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 9713	99-02118 -00-FP	JACKSON	122	60
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT-	

CONTRACT NO. 99219

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ILLINOIS DEPARTMENT OF TRANSPORTATION
District Nine Materials

Bridge Foundation
Boring Log
Sheet 1 of 3

F.A.U. 9713 (E.Pleasant Hill Road) Over Drainage Ditch

Route: F.A.U. 9713 Structure Number: Date: 11/19/2003
Section 99-02118-00-FP Bored By: Bryan Keller
County: Jackson Location: S W 1/4 SEC$26 R 1 W, T 9 S Checked By: Rob Graeff

Boring No 1-S
Station 81+30
Offset 12' RT CL
Ground Surface 389.0 Ft

Surf Wat Elev: 384.4
Ground Water Elevation
when Drilling 377
At Completion
At: Hrs:

Description	Depth	Blow	Qu tsf	W%
Crushed Aggregate				
387.5				
Stiff, moist, grey mottled brown, Silty Clay Loam A-6		2		
		5	1.6S	22
		5		
384.5				
Medium, moist to very moist, brown, Silty Clay Loam A-6	5.0	1		
		3	0.7S	25
		2		
382.0				
Soft to medium, very moist, brown, Silty Clay Loam A-6		WH		
		1	0.5B	28
		1		
379.5				
Medium, very moist, brown, Silty Clay Loam A-6	10.0	WH		
		2	0.7B	27
		2		
377.0				
Soft, very moist, brown, Silty Clay Loam A-6		WH		
		1	0.4B	29
		1		
374.5				
Very soft, very moist, brown, Silty Clay Loam A-6	15.0	WH		
		1	0.2B	31
		WH		
372.0				
Soft, very moist, brown, Silty Clay A-6		WH		
		2	0.3B	29
		2		
369.5				
Stiff, very moist, grey, Silty Clay A-6	20.0	1		
		3	1.1B	26
		3		
367.0				
Medium to stiff, very moist, grey, Silty Clay Loam A-6		WH		
		1	1.0B	25
		1		
364.5				
	25.0	WH		

Description	Depth	Blow	Qu tsf	W%
Medium, very moist, grey, Silty Clay Loam A-6		WH	0.6B	30
		1		
362.0				
Medium, very moist, grey, Silty Clay A-6		WH		
		WH	0.8B	31
		1		
359.5				
Medium, very moist, grey, Clay to Silty Clay A7-6	30.0	WH		
		WH	0.7B	32
		1		
357.0				
Soft to medium, very moist, grey, Silty Clay A-6 with a Sand Layer		WH		
		WH	0.5B	28
		WH		
354.5				
Soft, very moist, grey, Silty Clay Loam A-6 with fine Silty Sand Layers	35.0	WH		
		WH	0.4B	27
		1		
Washed 10' Blow in. 352.0				
Very loose, wet, fine to medium, Silty Sand with a Clay Layer 78% Sand 14% Silt 8% Clay		1		
		1		22
		1		
349.5				
Soft, very moist, grey, Silty Clay A-6	40.0	WH		
		WH	0.3B	30
		WH		
344.5				
Medium to stiff, very moist, grey, Clay A7-6 with a Sand Layer	45.0	WH		
		2	1.0B	28
		2		
	50.0	WH		

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

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Sheet 2 of 3
Date: 11/19/2003

Route: F.A.U. 9713
Section: 99-02118-00-FP
County: Jackson

Boring No: 1-S
Station: 81+30
Offset: 12' RT CL
Ground Surface: 389.0 Ft

Description	Depth	Blow	Qu tsf	W%
		WH	1.0B	28
		2		
334.5				
Stiff, very moist, grey, Clay A7-6	55.0	1		
		3	1.8S	33
		4		
329.5				
Medium, very moist, grey, Clay A7-6	60.0	WH		
		1	0.8B	25
		2		
	65.0	WH		
		WH	0.7B	25
		WH		
Washed 5' Blow in.				
319.5				
Loose, moist, grey, coarse, Sand	70.0	1		
		3		10
		4		
314.5				
	75.0	4		

Description	Depth	Blow	Qu tsf	W%
Hard, moist, brown, Clay A7-6 with some Pea Gravel		7	4.3S	22
		9		
309.5				
Hard, dry, brown mottled grey, Weathered Clay Shale	80.0	4		
		30		
		37		
307.0				
Hard, dry, brown mottled grey, Clay Shale		100/12"		
	85.0			
Hard, dry, grey, Clay Shale 301.5		100/7"		
Bottom of hole = 87.5 ft.				
Free water observed at 12.0 ft.				
	90.0			
Elevation referenced to CL at Existing Grade Sta 81+00 Elevation = 389.2 ft.				
To convert "N" values to "N60" values multiply by1.25.				
	95.0			
	100.0			

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

BORINGS

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

PROJECT NUMBER: 03-47-0001-i		DATE: 10/03/06
DESIGNED: S.M.S.	CHECKED: S.W.M.	DRAWN: D.B.

BORING 1
SECTION 99-02118-00-FP
F.A.U. 9713 / EAST PLEASANT HILL ROAD
JACKSON COUNTY
STRUCTURE NO. 039-3254 / STATION 80+95