ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 9713	99-02118 -00-FP	JACKSON	122	61
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT-	

CONTRACT NO. 99219

ILLINOIS DEPARTMENT OF TRANSPORTATION
District Nine Materials

Bridge Foundation Boring Log

F.A.U. 9713 (E.Pleasant Hill Road) Over Drainage Ditch — Sheet 1 of 2

Route: F.A.U. 9713 — Structure Number: — Date: 11/21/2003
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 2-S
Station 80+70
Offset 12' LT CL
Ground Surface 389.0 Ft

Surf Wat Elev: 384.4
Ground Water Elevation
when Drilling 369.5
At Completion
At: Hrs:

DEPTH	BLOW	Qu tsf	W%	DEPTH	BLOW	Qu tsf	W%
Crushed Aggregate					1	0.7B	38
387.5					2		
Stiff, moist, grey, Silty Clay Loam A-6 with some Gravel	4				WH		
	8	2.2S	21		WH	0.6B	31
	9				WH		
384.5							
Soft to medium, very moist, grey, Silty Clay A-6 5.0	1			30.0	WH		
	1	0.5B	33		WH	0.7B	35
	1				1		
382.0				357.0			
Stiff, very moist, grey, Silty Clay Loam A-6	WH			Soft, very moist, grey, Silty Clay Loam A-6 with Sand Layers	WH		
	2	1.2S	25		WH	0.4B	34
	2				1		
379.5							
Stiff, moist to very moist, brown mottled grey, Silty Clay A7-6 10.0	WH			35.0	WH		
	2	1.5B	25		WH	0.4B	35
	2				2		
	1				WH		
	3	1.7S	25		1	0.3B	33
	4				2		
				349.5			
15.0	1			Medium, very moist, grey, Silty Clay A7-6 40.0	WH		
	3	1.6B	26		WH	0.7B	30
	4				WH		
	1						
	4	1.7B	27				
	3						
369.5							
Very stiff, moist, grey mottled brown, Silty Clay Loam A-6 20.0	1			45.0	WH		
	3	2.6S	23		1	0.6S	25
	5				2		
367.0							
Medium, very moist, grey, Clay A7-6	WH						
	WH	0.8B	32				
	2						
339.5							
25.0	WH			50.0	WH		

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

Sheet 2 of 2

Route: F.A.U. 9713 — Date: 11/21/2003
Section: 99-02118-00-FP
County: Jackson

Boring No: 2-S
Station: 80+70
Offset: 12' LT CL
Ground Surface: 389.0 Ft

DEPTH	BLOW	Qu tsf	W%		DEPTH	BLOW	Qu tsf	W%
Loose, wet, grey, very fine, Silty Sand 79% Sand 15% Silt 6% Clay Washed 10' Blow in.	3		22	Medium, wet, brown, Sandy Gravel with Clay Layers 52% Sand 19% Silt 14% Clay 15% Gravel		10		22
	6					17		
334.5				309.5				
Soft to medium, moist, grey, Clay A7-6 with Sand Layers 55.0	WH			Hard, dry, grey, Clay Shale 80.0		100/11"		
	3	0.5B	18	308.5				
	4			Bottom of hole = 80.5 ft.				
				Free water observed at 19.5 ft.				
				Elevation referenced to CL of Existing Pavement at Sta 81+00 = 389.2 ft				
329.5								
Hard, moist, brown, Clay A7-6 60.0	9			To convert "N" values to "N60" values multiply by 1.25. 85.0				
	12	5.2S	25					
	14							
324.5								
Very stiff, moist, brown, Clay A7-6 65.0	2					90.0		
	6	3.1S	28					
	8							
319.5								
Medium, very moist, brown, Clay A7-6 with Gravel Layers 70.0	5					95.0		
	10	0.7B	21					
	8							
314.5								
75.0	3					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 2
SECTION 99-02118-00-FP
F.A.U. 9713 / EAST PLEASANT HILL ROAD
JACKSON COUNTY
STRUCTURE NO. 039-3254 / STATION 80+95