ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TR 225	04-06116-00-BR	SALINE	25	25
SALINE COUNTY		INGRAM HILL ROAD		

Contract No. 99238

ILLINOIS DEPARTMENT OF TRANSPORTATION
District Nine Materials
Bridge Foundation Boring Log
Sheet 1 of 2

Ingram Hill Road (TR 225) Over the Middle Fork of the Saline River

Route: TR 225 Structure Number: 083-3109 Date: 3/23/2005
Section 04-06116-00-BR Bored By: Bryan Keller
County: Saline Location: 2.5 MI S ILL 34 Checked By: Rob Graeff

Boring No 2-S
Station 21' E of E Abut
Offset 6' N CL
Ground Surface 351.5 Ft

Surf Wat Elev: 334.0
Ground Water Elevation
when Drilling 327
At Completion 340.3
At: 18 Hrs: 341.0

	DEPTH	BLOW	Qu tsf	W%
Crushed Aggregate				
350.0				
Stiff, very moist, brown, Silty Clay A-6		2		
		4	1.6B	26
		4		
347.0				
Very stiff, very moist, brown mottled grey, Silty Clay A-6	5.0	2		
		4	2.5S	22
		7		
		1		
		3	2.3S	23
		5		
	10.0	2		
		3	2.3B	22
		5		
		1		
		4	3.0S	22
		5		
337.0				
Hard, moist, brown, Clay A7-6	15.0	1		
		7	5.2S	23
		11		
		1		
		6	6.8B	23
		13		
	20.0	1		
		5	5.6S	27
		10		
		3		
		6	4.6B	22
		11		
327.0				
	25.0	1		

	DEPTH	BLOW	Qu tsf	W%
Soft to medium, very moist, brown, Silty Clay Loam A-6 with Sand Layers		2	0.5B	22
		4		
324.5				
Very stiff, moist, brown, Clay A7-6		1		
		5	2.2B	22
		5		
322.0				
Loose, wet, brown, very fine Silty Sand with Clay Layers 75% Sand 12% Silt 13% Clay	30.0	1		
		2		24
		7		
		1		
		1		
		2		
317.0				
Medium, very moist, grey, Silty Clay A-6	35.0	WH		
		WH	0.6B	21
		WH		
		1		
		2	0.6B	20
		2		
312.0				
Medium, very moist to wet, grey, Silt Loam to Silty Clay Loam A-6 with Sand Layers	40.0	WR		
		2	0.6S	22
		3		
307.0				
Medium, wet, grey, fine Sand with some Pea Gravel 85% Sand 6% Silt 4% Clay 5% Gravel	45.0	9		
		6		18
		10		
302.0				
	50.0	3		

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

Route: TR 225
Section: 04-06116-00-BR
County: Saline

Sheet 2 of 2
Date: 3/23/2005

Boring No: 2-S
Station: 21' E of E Abut
Offset: 6' N CL
Ground Surface: 351.5 Ft

	DEPTH	BLOW	Qu tsf	W%
Very stiff, very moist, grey, Clay A7-6		6	2.7S	25
		7		
297.0				
Very stiff, very moist, grey, Silty Clay to Clay A7-6	55.0	2		
		8	2.6B	45
		9		
292.0				
Very stiff, very moist, grey, Silty Clay A-6	60.0	2		
		6	2.4S	24
		8		
286.5	65.0	1		
Hard, dry, grey, Clay Shale		100/9"		
Hard, dry,Brown, Clay Shale 281.5	70.0	100/3"		
Bottom of hole = 70.0 ft.				
Free water observed at 24.5 ft.				
	75.0			

Elevations referenced to S.W. Corner of Existing Bridge deck Elevation = 352.6 ft

To convert "N" values to "N60" values multiply by 1.25

DEPTH
80.0
85.0
90.0
95.0
100.0

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

30 Sep 2005 - 10:32am X:\2004\04043\act\plans\24-25 bore logs.dwg

BROWN & ROBERTS, INC.