ROUTE No.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 331	(8X-1)B	SALINE CO.	220	143
STA.		TO STA.		
F.H.W.A. REGION		ILLINOIS	PROJECT	

Contract # 78058

ILLINOIS DEPARTMENT OF TRANSPORTATION
District Nine Materials

Bridge Foundation Boring Log
Sheet 1 of 2

ILL 13 Relocation Over Drainage Ditch
Route: _____ Structure Number: 083-0060 Date: 01/01/717
Section _____ Bored By: Bryan Keller
County: Saline Location: West of Harrisburg Checked By: Rob Graeff

Boring No 1-S
Station 1014+19
Offset 1' RT CL
Ground Surface 367.4 Ft

Surf Wat Elev:
Ground Water Elevation
when Drilling 337.9
At Completion
At: Hrs:

Description	Depth	Blow	Qu tsf	W%
Railroad Balast Stone				
365.4				
Very soft, very moist, brown, Silty Clay A-6 with Cinders		5		
		4	0.2B	16
		2		
362.9				
Stiff, moist to very moist, grey, Silty Clay A-6	5.0	2		
		1	1.1B	30
		2		
360.4				
Stiff, moist, grey mottled brown, Clay A7-6		1		
		2	1.9S	25
		3		
	10.0	1		
		2	1.8S	24
		3		
		1		
		3	1.4S	25
		3		
	15.0	1		
		2	1.9B	24
		2		
350.4				
Medium, very moist, grey mottled brown, Clay A7-6		1		
		1	0.7S	40
		2		
347.9				
Very stiff, moist, brown, Clay A7-6	20.0	1		
		4	2.1S	30
		5		
		1		
		4	2.2S	29
		6		
342.9				
Stiff, moist to very moist, grey,	25.0	1		

Description	Depth	Blow	Qu tsf	W%
Clay A7-6		3	1.9S	30
		3		
340.4				
Stiff, very moist, grey, Clay A7-6		WH		
		2	1.1B	19
		1		
337.9				
Medium, very moist, grey, Clay to Silty Clay A7-6	30.0	1		
		2	0.9B	20
		2		
335.4				
Stiff, moist, brown mottled grey, Clay A7-6		1		
		2	1.6S	33
		2		
332.9				
Medium, moist, brown mottled grey, Clay A7-6	35.0	1		
		1	0.7B	22
		1		
330.4				
Very stiff, moist, brown, Silty Clay A-6		1		
		3	2.9S	18
		6		
327.9				
Stiff, moist, brown mottled grey, Clay A7-6	40.0	1		
		3	1.9S	37
		3		
322.9				
Very stiff, moist, brown mottled grey, Clay A7-6	45.0	2		
		3	2.8S	31
		4		
	50.0	2		

Sheet 2 of 2
Date: 01/01/717

Route: _____
Section: _____
County: Saline

Boring No: 1-S
Station: 1014+19
Offset: 1' RT CL
Ground Surface: 367.4 Ft

Description	Depth	Blow	Qu tsf	W%
Very stiff, moist, brown mottled grey, Clay A7-6		4	2.1S	31
		6		
312.9				
Stiff, moist, brown mottled grey, Clay A7-6	55.0	1		
		3	1.8S	31
		4		
307.9				
Hard, moist, brown, Clay A7-6	60.0	3		
		6	4.3S	24
		8		
302.9				
Medium, very moist, brown, Silty Clay A-6 with Gravel and fine Silty Sand Layers	65.0	1		
		6	0.8B	20
		6		
297.9				
Hard, dry, grey, Clay Shale 297.4	70.0	100/6"		
Hard, dry, grey, Limestone				
Cored from 70.0 ft to 75.0 ft. 83% Recovery 34% RQD				
292.4	75.0			

Description	Depth	Blow	Qu tsf	W%
Hard,dry, grey, Limestone and Clay Shale Layers				
Cored from 75.0 ft to 80. 0 ft 100% Recovery 0% RQD (See Note Below)				
287.4	80.0			
Bottom of hole = 80.0 ft.				
Free water observed at 29.5 ft.				
Elevation referenced to PK nail Located on West Abutment of Existing R.R.bridge; Elevation = 367.663 ft.				
To convert "N" values to "N60" values multiply by 1.25.	85.0			
Note: Core Barrel Pluged with Clay Shale layers. Barrel cleaned out with hand tools.				
	90.0			
	95.0			
	100.0			

DESIGNED	WJZ
CHECKED	MRB
DRAWN	AR
CHECKED	HMA

benesch

alfred benesch & company
Engineers • Surveyors • Planners
205 North Michigan Avenue, Suite 2400
Chicago, Illinois 60601
312-565-0450 JOB NO. 3526

ILLINOIS DEPARTMENT OF TRANSPORTATION
RELOCATED ILLINOIS ROUTE 13 OVER
HARRISBURG DITCH
F.A.P. 331 SECTION (8X-1)B

SOIL BORINGS

SN: 083-0060
SALINE CO., IL.

STA. 1013+38.50
DATE: FEB 4, 2009