CONTRACT NO. 74161

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
116	*	RICHLAND	43	42
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

* (123Z, 124Z)TS-2,RS-3

Illinois Department of Transportation
Division of Highways
Ill. Dept. of Trans. D-7

SOIL BORING LOG

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Date 42606

ROUTE FAP 116 (IL 130) DESCRIPTION TS Mast Arm Fdns - Olney - IL 130 & IL 250 LOGGED BY E. Sandschafer

SECTION (123Z,124Z)TS-2,RS-3 LOCATION SW 1/4, SEC. 34, TWP. 4 N, RNG. 10 E, 3 PM

COUNTY Richland DRILLING METHOD Hollow stem auger & split spoon HAMMER TYPE Auto 140#

STRUCT. NO. gINT file
Station 080-ts01

BORING NO. 3
Station *
Offset 44.00ft E of IL 130 CL
Ground Surface Elev. 200.18 ft

Surface Water Elev. N/A ft
Stream Bed Elev. N/A ft

Groundwater Elev.:
First Encounter 185.0 ft
Upon Completion Hole caved ft
After ___ Hrs. ___ ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Topsoil.	199.88				
Stiff to very stiff, damp, red/graybrown, CLAY w/trace sand and gravel.			3		
			4	2.4	24
			6	B	
		-5	3		
			3	1.5	19
			5	B	
			2		
			3	1.6	22
			4	B	
		-10	3		
			3	1.5	17
			4	B	
			2		
			4	1.5	15
			5	B	
		-15	13		
	184.98				
Brown, fine grained, SAND.	184.68		28	5.3	10
Hard, very moist, gray, CLAY TILL.			30	B	
			14		
			26	+9.7	8
	181.68		35	DNF	
Extent of exploration.		-20			

Benchmark: TBM painted square on SW corner of traffic controller cabinet foundation 44' East of IL 130 CL and 83' N of IL 250 CL = assumed 200.00'

* B3 Location: 87' North of IL 250 CL and 44' East of IL 130 CL.

Latitude N 38 deg 43.550 min, Longitude W 88 deg 05.550 min, Map Datum WGS 84

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

Illinois Department of Transportation
Division of Highways
Ill. Dept. of Trans. D-7

SOIL BORING LOG

Page 1 of 1

Date 42606

ROUTE FAP 116 (IL 130) DESCRIPTION TS Mast Arm Fdns - Olney - IL 130 & IL 250 LOGGED BY E. Sandschafer

SECTION (123Z,124Z)TS-2,RS-3 LOCATION SE 1/4, SEC. 33, TWP. 4 N, RNG. 10 E, 3 PM

COUNTY Richland DRILLING METHOD Hollow stem auger & split spoon HAMMER TYPE Auto 140#

STRUCT. NO. gINT file
Station 080-ts01

BORING NO. 4
Station *
Offset 87.00ft W of IL 130 CL
Ground Surface Elev. 200.18 ft

Surface Water Elev. N/A ft
Stream Bed Elev. N/A ft

Groundwater Elev.:
First Encounter Dry ft
Upon Completion Dry ft
After ___ Hrs. ___ ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Topsoil.	199.88				
Stiff, damp, red/gray/tan, CLAY.			3		
			3	1.7	24
			4	B	
		-5	2		
			4	1.9	20
			5	B	
			2		
Strong petroleum odor.			3	1.2	24
			4	B	
		-10	2		
Strong petroleum odor.			3	2.0	18
			4	B	
			3		
			4	1.9	14
			5	B	
	185.68				
Hard, very moist, brown mottled gray, CLAY TILL.		-15	19		
			34	6.2	10
			34	B	
			25		
			28	8.9	8
	181.68		33	S	
Extent of exploration.		-20			

Benchmark: TBM painted square on SW corner of traffic controller cabinet foundation 44' East of IL 130 CL and 83' N of IL 250 CL = assumed 200.00'

* B4 Location: 27' North of IL 250 CL and 87' West of IL 130 CL.

Latitude N 38 deg 43.540 min, Longitude W 88 deg 05.579 min, Map Datum WGS 84

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

BORING LOGS
INTERSECTION
IL 130 (WEST ST)
& MAIN ST

SCALE: VERT. HORIZ.
DRAWN BY
DATE
CHECKED BY

5/19/2006
c:\projects\74161d\d03406pa.dgn

PLOT DATE = 5/19/2006
FILE NAME = $FILE$
PLOT SCALE = $SCALE$
USER NAME = district