F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1248	99-00080-00-BR	LAKE	46	40
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

Sheet S-28 of S-29 63020

Illinois Department of Transportation
Division of Highways
Illinois Dept. of Transportation

SOIL BORING LOG

Date 05-01-03

ROUTE _____ DESCRIPTION Old Elm Road Bridge LOGGED BY DAG

SECTION 9 LOCATION Lake Forest, Illinois

COUNTY Lake DRILLING METHOD HSA HAMMER TYPE 140-LB

STRUCT. NO. _____
Station _____

BORING NO. B-1
Station 187+21
Offset 11' R
Ground Surface Elev. 0.0 ft.

Surface Water Elev. _____ ft.
Stream Bed Elev. _____ ft.

Groundwater Elev.
First Encounter Dry ft.
Upon Completion Dry ft.
After _____ Hrs. _____ ft.

DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
ASPHALTIC CONCRETE 0.00 / -0.30			
Medium Stiff, Brown, Silty CLAY FILL With Little Gravel	3 5 3		13.8
	3 5 5		16.6
	2 2 3		19.7
-9.00			
Very Stiff, Brown, Silty CLAY	2 5 8	3.3	17.2
-11.50			
Very Stiff, Gray, Silty CLAY NOTE: Encountered Large Gravel at 18.5'-20'	4 8 8	3.5	15.4
	4 7 10	3.8	16.7
	4 6 9	3.5	17.2
	4 7 7	2.3	17.0
	4 6 7	2.2	17.0
-24.50			
Stiff, Gray, Silty CLAY NOTE: With Occasional Sand Seams at 23'-28'	4 4 5	0.9	16.2

DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
(continued)			
	4 8 4	0.8	14.4
-28.00			
Very Stiff to Hard, Gray, Silty CLAY	6 10 14	5.1	18.2
	3 5 7	2.3	20.4
	3 5 8	2.6	19.7
	4 7 8	2.7	16.2
	3 5 8	2.8	25.3
Very Stiff, Gray, Silty CLAY			

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
Illinois Dept. of Transportation

SOIL BORING LOG

Date 05-01-03

ROUTE _____ DESCRIPTION Old Elm Road Bridge LOGGED BY DAG

SECTION 9 LOCATION Lake Forest, Illinois

COUNTY Lake DRILLING METHOD HSA HAMMER TYPE 140-LB

STRUCT. NO. _____
Station _____

BORING NO. B-1
Station 187+21
Offset 11' R
Ground Surface Elev. 0.0 ft.

Surface Water Elev. _____ ft.
Stream Bed Elev. _____ ft.

Groundwater Elev.
First Encounter Dry ft.
Upon Completion Dry ft.
After _____ Hrs. _____ ft.

DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
-53.50			
Very Stiff, Gray, Silty CLAY	3 4 6	2.2	27.3
	3 4 7	2.3	26.3
	4 6 9	2.9	22.8
-65.00			
END OF BORING @ 65.0'			

DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
(continued)			

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)

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Wiss, Janney, Elstner Associates, Inc.
Engineers, Architects, Material Scientists
330 Pfingsten Road, Northbrook, Il 60062
(847) 272-7400, Fax: (847) 291-4813
WJE No. 2006.2324

THE CITY OF LAKE FOREST
CHARTERED 1861

ILLINOIS DEPARTMENT OF TRANSPORTATION
BUREAU OF LOCAL ROADS AND STREETS

PROJECT:
OLD ELM ROAD OVER EAST SKOKIE DITCH
STA. 187+46 LAKE COUNTY
STRUCTURE NO. 049-6870

TITLE:
SOIL BORING LOGS-I

REV. NO.	DATE	REVISION RECORD	MADE BY	CHECKED BY
△				
△				
△				
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△				

SCALE: N.T.S | DRAWN BY: IMG
DATE: JANUARY 2008 | CHECKED BY: NSA

DATE: 2/5/2008
FILENAME: p:\2006\2301-2400\2006.2324-nanderson-old elm design\microstation-final\s-28.dgn