

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. - 12
346	*	LAKE	469	262	15 - SHEETS
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT-		
			CONTRACT # 60826		

Geo Services, Inc.  
Geotechnical, Environmental & Civil Engineering  
805 Amber Court, Suite 204  
Naperville, Illinois 60565  
(630) 355-1236

PAGE 1 of 2  
DATE August 4-5, 2004  
LOGGED BY TOB  
GSI JOB No. 0314

ROUTE FAP Rte. 346 DESCRIPTION New Overpass  
TWNSHP Curnee LOCATION TWP 44 N, R 6E on the south boundary of Sec 28  
COUNTY Lake DRILLING METHOD 3.25' HSA/Rotary HAMMER TYPE D-120 Safety Hammer

STRUCT. NO. SN 049-W032  
Station \_\_\_\_\_  
BORING NO. K-3  
Station 528+41.5 US 41 Centerline  
Offset 48.75' Right  
Ground Surface Elev. 699.6

DEPTH (ft)	BLOW (1/6')	UCS (tsf)	MOIST (%)	Surface Water Elev. n/a	Stream Bed Elev. n/a	Groundwater Elevation:	First Encounter n/a	Upon Completion n/a	After Hrs.
6									
5									
7	4.5P	13							
9			115						
9									
14	7.25B	17							
11			113						
15									
15	9.5B	18							
9			112						
13									
19	7.1B	19							
7			118						
11									
15	6.5B	16							
5			112						
8									
13	5.8B	19							
9			117						
10									
15	4.4B	17							
6			111						
10									
13	4.25B	19							

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658.6									
5			115						
6									
10	2.8B	17							
4			112						
4									
6	1.8B	19							
3			99						
5									
6	1.6B	26							
3			98						
4									
6	1.9B	27							
8			126						
11									
14	4.0P	12							
13			124						
15									
20	4.3P	13							
10			117						
12									
14	3.8P	16							

End of Boring @ -80.0'  
Hollow Stem Augers to -10.0'  
Rotary Drilling to Completion  
80.0' Casing Used  
D-120 Safety Hammer

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer) ST-Shelby Tube Sample  
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) The Unit Dry Weight (pcf) is noted in italics above moist (%)

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TYLINTERNATIONAL

DESIGNED	- SNB
CHECKED	- AD
DRAWN	- SNB
CHECKED	- AD

**BORING LOG K-3**

FAP 346 (U.S. ROUTE 41 - SKOKIE HIGHWAY) OVER ILLINOIS ROUTE 132 SECTION 125X-HB-(1&2)R-1 LAKE COUNTY S.N. 049-W032