F.A.U. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2552	•	DUPAGE	563	397
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT-	

SHEET NO. - 18

18 - SHEETS

• 00-00114-00-PV CONTRACT NO. 63024

OBA
O'BRIEN & ASSOCIATES, INC.
CONSULTING ENGINEERS
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STRUCTURE FOUNDATION BORING LOG

Page: of 1

Project: Geotechnical Investigation For The Proposed Washington Street Pedestrian Underpass — OBA Job No.: 04303

Location: Washington Street & 75th Street, Naperville, Illinois — Date: March 17, 2006

County: Cook — Bored By: FB

Client: T.Y.Lin International — Checked By: DOB

BORING No.: TB-1

Station: 54+66

Offset: 12.5' Left

Ground Surface Elevation: 665.2

Surface Water Elev.: n/a

Groundwater Elevation: Dry WD

Groundwater Elevation: n/a AB

After Hours:

Description	DEPTH (ft)	BLOWS (/6")	QS Qu (tsf)	MOISTURE (%)
TOPSOIL				
SILTY CLAY-trace sand & gravel-dark brown-stiff (CL) Wet		2 2 2	1.0P	27
SAND & GRAVEL-dense to very dense (GP)		15 11 20	NP	3
	-5			
		15 25 35	NP	5
Drillers Observation: Cobbles from -8.5' to -11.0'.		60/1"		
	-10		NP	5
Drillers Observation: Apparent weathered bedrock.		100/10"		
			NP	6
		100/3"	NP	10
Silurian System, Niagaran Series Dolomite RUN 1 (-14.0' to -19.0') Light brown with rust staining. Horizontal bedding with some chert nodules. Highly fractured & weathered to -14.25'. Horizontal fractures -14.8', -15.25', -15.3', -15.4', -15.7', -16.2', -16.6', -16.9' & -17.6'. Recovery=93.3% RQD=71.7%	-15	RUN 1		
End of Boring @ -19.0'. Hollow Stem Augers to -14.0' Rotary Drilling to Completion D-50 Safety Hammer	-20			
	-25			

Description	DEPTH (ft)	BLOWS (/6")	QS Qu (tsf)	MOISTURE (%)
	-30			
	-35			
	-40			
	-45			
	-50			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer) ST-Shelby Tube Sample VS=Vane Shear Test
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 (%)
NR-No Recovery

TY·LIN INTERNATIONAL

DESIGNED	-
CHECKED	- SP
DRAWN	- TB
CHECKED	- SP

REVISIONS	
NAME	DATE

BORING LOGS - 3

WASHINGTON - 75TH STREET
F.A.U. ROUTE 2552
SECTION 00-00114-00-PV
DUPAGE COUNTY