

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	STATE	SHEET NO.	SHEET NO. - 34 39 - SHEETS
1545	*	DUPAGE	97	55	
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT		
00-00115-00-BR		CONTRACT NO. 83961			

STRUCTURE FOUNDATION BORING LOG		Sh 1 of 1	
<p>OBA O'BRIEN & ASSOCIATES, INC. CONSULTING ENGINEERS 1235 E. DAVIS ST./ARLINGTON HTS., IL 60005 (847)398-1441 • FAX(847) 398-2316</p>			
Project: Bailey Road Bridge over the West Branch of the DuPage River		OBA JOB NO. 04251	
Location: Naperville, Illinois		Date: October 13, 04	
County: DuPage County		Bored By: Patrick	
Client: T.Y. Lin International/BASCOR, Inc.		Checked By: DOB	
BORING No.: S-1			
Station: 2+41			
Offset: 2.0' Right			
Surface Elevation: 656.6			
Soil Description	Blow Counts	Qu (tsf)	W (%)
4.0" ASPHALT, 44.0" CRUSHED ASPHALT	8 10 6	NP	3
SILTY CLAY-some sand, gravel & stone-dark brown & gray-soft to very stiff (CL) Fill	5 5 5	2.25P	18
SILTY CLAY-trace sand & gravel-dark brown & gray-very stiff (CL)	2 4 3	1.25P	16
FRACTURED ROCK-very dense	1 1 1	0.25P	20
SILURIAN SYSTEM, NIAGARAN SERIES DOLOMITE	3 3	3.5P	4
RUN 1 (-14.5' to -19.5') Light gray with horizontal bedding. Slightly porous with rust staining throughout. Weathered with numerous horizontal fractures throughout. Recovery=100.0% RQD=21.7%	50/3"	NP	5
RUN 2 (-19.5' to -24.5') Light gray with horizontal bedding. Slightly porous with rust staining throughout. Weathered with numerous horizontal fractures throughout. Recovery=100.0% RQD=41.7%			

N-Standard Penetration is the value of the last 10 blow counts in each sample zone (ASTM D-1586)
NR-No Recovery ST-Shelby Tube
O'BRIEN & ASSOCIATES, INC.

W-Water Content, percent dry weight noted in Italics above
E-Estimated Value P-Penetrometer NP-Non-Plastic
VS-Vane Shear (psf)

STRUCTURE FOUNDATION ROCK CORING LOG		Sh 1 of 1				
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County: DuPage County		Bored By: Patrick				
Client: T.Y. Lin International/BASCOR, Inc.		Checked By: DOB				
BORING No.: S-1						
Station: 2+41						
Offset: 2.0' Right						
Surface Elevation: 656.6						
Core Type: NX Split Barrel		Core Diameter: 2.0 in.				
Core Length: 5.0 ft.		Top of Rock Elev.: 642.1				
Top Elev.	CORING NOTES AND ROCK DESCRIPTION	CORE RUN (#)	RECOVERY (%)	R.Q.D. (%)	CORE TIME (Min./ft.)	COMPRESSIVE STRENGTH (tsf)
642.1	SILURIAN SYSTEM, NIAGARAN SERIES DOLOMITE RUN 1 (-14.5' to -19.5') Light gray with horizontal bedding. Slightly porous with rust staining throughout. Weathered with numerous horizontal fractures throughout. 100.0% water recovery	1	100.0	21.7	5.0	n/a
637.1	RUN 2 (-19.5' to -24.5') Light gray with horizontal bedding. Slightly porous with rust staining throughout. Weathered with numerous horizontal fractures throughout. 100.0% water recovery	2	100.0	41.7	5.6	n/a

O'BRIEN & ASSOCIATES, INC.

TYLIN INTERNATIONAL

DESIGNED	-	SNB
CHECKED	-	SP
DRAWN	-	SNB
CHECKED	-	SP

SOIL BORING S-1

BAILEY ROAD OVER THE
WEST BRANCH OF THE DUPAGE RIVER
FAU 1545
SECTION 00-00115-00-BR STA. 2+99.15
DUPAGE COUNTY
S.N. 022-3028