

OBA
O'BRIEN & ASSOCIATES, INC.
CONSULTING ENGINEERS
1235 E. DAVIS ST./ARLINGTON HTS., IL 60005
(847)398-1441 • FAX(847) 398-2376

STRUCTURE FOUNDATION BORING LOG

Sh 1 of 1

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.: R-1
 Station: 2+27
 Offset: 11.5' Left
 Surface Elevation: 656.4

Soil Description	Blow Counts	Qu (tsf)	W (%)	Surface Water Elev. Groundwater Elevation After Hours	n/a Dry	WD Dry	AB Dry	Blow Counts	Qu (tsf)	W (%)
3.0" ASPHALT, 9.0" CRUSHED STONE	7									
SILTY CLAY-some sand, gravel & stone-brown & gray spotted black-medium stiff to stiff (CL) Fill	5									
	9	1.75P	18							
	3									
SILTY CLAY-some sand, gravel & stone-brown & gray spotted black-medium stiff (CL) Fill	4									
	4	1.25P	20							
	5									
SILTY CLAY-some sand, gravel & stone-brown & gray spotted black-medium stiff (CL) Fill	2									
	4	0.5P	18							
	4									
End of Boring @ -7.5' 3.25" Hollow Stem Augers CME-75 Automatic Hammer										
	-10									
	-15									
	-20									
	-25									

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

W-Bulge Failure S-Shear Failure
 E-Estimated Value F-Penetrometer
 O'BRIEN & ASSOCIATES, INC.

Qu-Unconfined Compressive Strength (tsf) dry weight (pcf)
 W-Water Content, percent dry weight
 NP-Non-Plastic
 VS-Vane Shear (psf)

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 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.: R-2
 Station: 3+72
 Offset: 11.5' Right
 Surface Elevation: 656.2

Soil Description	Blow Counts	Qu (tsf)	W (%)	Surface Water Elev. Groundwater Elevation After Hours	n/a Dry	WD Dry	AB Dry	Blow Counts	Qu (tsf)	W (%)
3.0" ASPHALT, 9.0" CRUSHED STONE	13									
CLAYEY SAND & STONE-brown-loose to medium dense (GC) Fill	8									
	8	NP	7							
	4									
CLAYEY SAND & STONE-brown-loose to medium dense (GC) Fill	4									
	4									
	5	NP	6							
SILTY CLAY-some sand, gravel & stone-brown & gray spotted black-medium stiff (CL) Fill	2									
	2	0.75P	19							
	3									
TOPSOIL-black (OL)	4									
	5	2.0P	42							
End of Boring @ -10.0' 3.25" Hollow Stem Augers CME-75 Automatic Hammer										
	-10									
	-15									
	-20									
	-25									

N-Standard Penetration is the value of the last blow counts in each sample zone (ASTM D-1586)
 NR-No Recovery ST-Shelby Tube
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W-Bulge Failure S-Shear Failure
 E-Estimated Value F-Penetrometer
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Qu-Unconfined Compressive Strength (tsf) dry weight (pcf)
 W-Water Content, percent dry weight
 NP-Non-Plastic
 VS-Vane Shear (psf)

REVISIONS	
NAME	DATE

**BRIDGE REHABILITATION
BAILEY ROAD OVER
WEST BRANCH OF THE DUPAGE RIVER
SOIL BORINGS R-1 AND R-2**

CONSULTANT
TYLIN INTERNATIONAL

City of  **Naperville**

DRAWN: SNB
 CHECKED: SP
 APPROVED: _____
 DATE: JULY 13, 2007
 SCALE: 1"=20'-0"
 JOB NO.: C-91-062-04

SHEET NO. **94**
 PROJECT NO.: BHM-8003(343)