F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1545	00-00115-00-BR	DuPAGE	97	95
STA. 1+31.77		TO STA. 5+50.00		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT 83961

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
Location: Naperville, Illinois
County: DuPage County
Client: T.Y. Lin International BASCOR, Inc.
BORING No.: R-3
Station: 4+02
Offset: 11.5' Left
Surface Elevation: 656.2

OBA JOB NO. 04251
Date October 12, 04
Bored By Patrick
Checked By DOB

Surface Water Elev. n/a
Groundwater Elevation WD Dry
Groundwater Elevation AB Dry
After Hours

Description	Elev.	Blow Counts	Qu (tsf)	W (%)	Elev.	Blow Counts	Qu (tsf)	W (%)
3.0" ASPHALT, 12.0" CRUSHED STONE		20						
CRUSHED GRAVEL & STONE-brown-medium dense (Fill)		14 10 7	NP	4				
SILTY CLAY-some sand, gravel & stone-dark brown-medium stiff (CL) Fill	-5	5 8	1.75P	20	-30			
TOPSOIL-black (OL)		3 3 4	1.75P	38				
	-10	3 3 3	1.5P	37	-35			
End of Boring @ -10.0' 3.25" Hollow Stem Augers CME-75 Automatic Hammer								
	-15				-40			
	-20				-45			
	-25				-50			

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

O'BRIEN & ASSOCIATES, INC.

REVISIONS	
NAME	DATE

BRIDGE REHABILITATION
BAILEY ROAD OVER
WEST BRANCH OF THE DUPAGE RIVER
SOIL BORING R-3

CONSULTANT
T·Y·LIN 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. 95

PROJECT NO.: BHM-8C03(343)