

F.A.P. No.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	BR-1-N-1	COOK	146	129
STA. 85+00.00		TO STA. 92+46.15		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 62617



SOIL BORING LOG

Page 1 of 1

Date 6/22/04

ROUTE FAP 345 (US Rte. 20) DESCRIPTION North Retaining Wall LOGGED BY R. GROFF

SECTION BR-1-N-1 LOCATION N side of Rte20 E of Bluff City Rd., SEC. 20, TWP. 41N, RNG. 9E

COUNTY Cook DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.	DEPTH	B	U	M	Surface Water Elev.	DEPTH	B	U	M
Station	H	L	C	O	ft	H	L	C	O
	(ft)	(6")	(tsf)	(%)		(ft)	(6")	(tsf)	(%)
					Stream Bed Elev. _____ ft				
					Groundwater Elev.: _____ ft				
					First Encounter _____ ft				
					Upon Completion _____ ft				
					After _____ Hrs. Cave in @ _____ ft				
					End of Boring _____ ft				
ASPHALT (6.5")	784.66								
Gray fine to medium crushed LIMESTONE (fill)	784.20	8							
Brown medium to coarse SANDY GRAVEL (fill)		10	-	3.0					
		9							
		13							
		13	-	4.0					
		15							
		3							
Dark Brown Silty CLAY (Buried Topsoil)	778.20	2	0.5	17.0					
		1	P						
Brown fine to coarse SAND and GRAVEL	776.70	12							
		13	-	4.0					
		21							
		19							
		30	-	2.0					
		21							
		20							
		16	-	3.0					
		18							
		21							
		16	-	3.0					
		18							
		27							
		27	-	2.0					

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

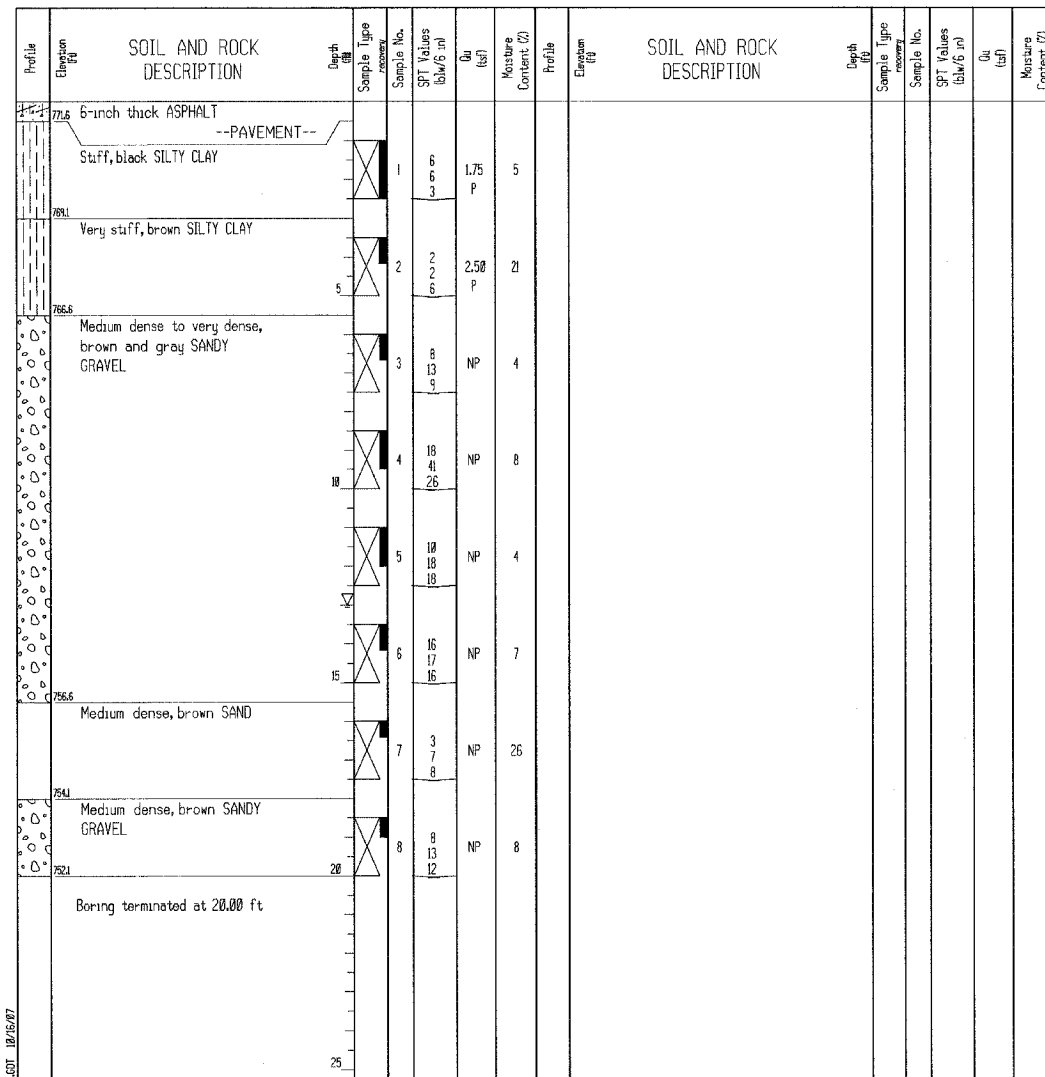
Wang Engineering, Inc.
Consulting Geotechnical and Environmental Engineers
wangeng3@wangeng.com
1145 Main Street
Lombard, IL 60148
Telephone: 630 953-9928
Fax: 630 953-9936

BORING LOG B-16

WEI Job No: 555-12-05

Client: IDOT, Division of Highways
Project: Retaining Walls at FAP 345 US Route 20
Location: Elgin, IL

Datum: NGVD
Elevation: 772.0 ft
North: ft
East: ft
Station: 05+00
Offset: 78 Lt



GENERAL NOTES				WATER LEVEL DATA	
Begin Drilling	10-08-2007	Complete Drilling	10-08-2007	While Drilling	13.00 ft
Drilling Contractor	Ground Breaking Exploration	Drill Rig	CME-45 TMR	At Completion of Drilling	DRY
Driller	E & B	Logger	Y. Shu	Time After Drilling	NA
Drilling Method	2.25 inches HSA	Checked by	S. Sugiarto	Depth to Water	NA

ILLINOIS DEPARTMENT OF TRANSPORTATION
SOIL BORING LOGS-IV
U.S. RTE. 20
AT BLUFF CITY / SHALES PARKWAY
NORTH SOLDIER PILE RETAINING WALL
F.A.P. 345 SECTION: BR-1-N-1
COOK COUNTY
STRUCTURE NO. 016-W969

SCALE: NONE
DATE: FEBRUARY, 2008
DRAWN BY: D.L./F.M.
CHECKED BY: B.N.S./J.C.N.

CHRISTIAN-ROGE & ASSOC., INC.
CHICAGO ILLINOIS

REVISIONS	
NAME	DATE