

FAI RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	870	707
STA.		TO STA.		
FED ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

Wang Engineering, Inc.
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BORING LOG HL-07
 WEI Job No.: 665-05-03
 Client: HNTB Corporation
 Project: IL 394 (FAP 94) IDOT D-91-012-01
 Location: Sections 25&26, T36N, R1E, Cook Co.

Datum: NGVD
 Elevation: 183.07 m
 North: 546013.20 m
 East: 382548.29 m
 Station: 440+750
 Offset: 11.75 RT

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Profile Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample No.	N Value (blows/30 cm)	Cu (kPa)	Moisture Content (%)	Profile Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample No.	N Value (blows/30 cm)	Cu (kPa)	Moisture Content (%)
183.0	Black SILTY LOAM ---TOPSOIL---												
182.5	Stiff to very stiff, brown and gray CLAY	1.0	1	350	29								
181.5		2.0	2	238	25								
180.5		3.0	3	195	24								
179.5	Stiff, gray SILTY CLAY	4.0	4	110	21								
178.5	Stiff, gray CLAY	5.0	5	125	21								
177.5		6.0	6	133	20								
176.5		7.0	7	133	21								
175.5		8.0	8	133	21								
	Boring terminated at 6.10 m												

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	03-31-2003	Complete Drilling	03-31-2003	While Drilling	☐	DRY	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 ATV	At Completion of Drilling	☑	DRY	
Driller	K&B	Logger	S. Patel	Checked by	B. Fugiel		
Drilling Method	3.25-inch ID HSA; Boring grouted after completion			Time After Drilling		NA	
				Depth to Water	☑	NA	
				The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.			

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BORING LOG HL-13
 WEI Job No.: 665-05-03
 Client: HNTB Corporation
 Project: IL 394 (FAP 94) IDOT D-91-012-01
 Location: Sections 25&26, T36N, R1E, Cook Co.

Datum: NGVD
 Elevation: 183.30 m
 North: 546726.76 m
 East: 382802.60 m
 Station: 110+375
 Offset: 19.82 LT

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Profile Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample No.	N Value (blows/30 cm)	Cu (kPa)	Moisture Content (%)	Profile Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample No.	N Value (blows/30 cm)	Cu (kPa)	Moisture Content (%)
183.3	Dark brown SILTY LOAM ---TOPSOIL---												
182.5	Stiff to very stiff, brown SILTY CLAY	1.0	1	180	21								
181.5		2.0	2	250	20								
180.5	Medium dense to dense, brown SILT	3.0	3	7	NP	22							
179.5		4.0	4	7	NP	20							
178.5	Stiff to very stiff, gray CLAY to SILTY CLAY	5.0	5	4	17	17							
177.5		6.0	6	2	10	10							
176.5		7.0	7	4	20	20							
175.5		8.0	8	2	20	20							
	Boring terminated at 6.10 m												

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	03-25-2003	Complete Drilling	03-25-2003	While Drilling	☐	DRY	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 ATV	At Completion of Drilling	☑	DRY	
Driller	K&B	Logger	B. Fugiel	Checked by	B. Fugiel		
Drilling Method	3.25-inch ID HSA; Boring grouted upon completion			Time After Drilling		NA	
				Depth to Water	☑	NA	
				The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.			

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 I-94 EAST BOUND / IL 394 SOUTH BOUND

**BORING LOGS
 HL-07 & HL-13**

HORIZ SCALE: _____
 VERT SCALE: _____
 DATE: JUL 18, 2005

DRAWN BY: LK
 CHECKED BY: AC

HNTB