

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 80/94	*	COOK	870	690
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	

SHEET NO. 11

13 SHEETS

(0203.1 & 0312-708W) R-3 CONTRACT #62108

**BORING LOG HC-2 (2 OF 2)**

Wang Engineering, Inc.  
Consulting Geotechnical and Environmental Engineers  
wangeng3@wangeng.com  
1145 Main Street  
Lombard, IL 60148  
Telephone: 630 953-9928  
Fax: 630 953-9938

**BORING LOG HC-2**  
WEI Job No.: 665-05-02  
Datum: NGVD  
Elevation: 182.24 m  
North: 547490.18 m  
East: 362526.77 m  
Station: 18+935.01  
Offset: 3.06 RT

Client: HNTB Corporation  
Project: IL 394 (FAP 94) IDOT D-91-012-01  
Location: Sections 25&26, T36N, R14E, Cook Co.

Profile Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample No.	SPT Values (blows/150 mm)	Moisture Content (%)	Profile Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample No.	SPT Values (blows/150 mm)	Moisture Content (%)
187.4	Very dense, gray SILTY LOAM	15	16	39 45 50/4	NP	15					
187.0	Boring terminated at 15.24 m										

**GENERAL NOTES**  
Begin Drilling: 05-23-2002 Complete Drilling: 05-23-2002  
Drilling Contractor: Patrick Drilling Drill Rig: CME-75  
Driller: J&D Logger: N. Davis Checked by: H. Suhail  
Drilling Method: HSA, 3.25" ID; Boring backfilled upon completion

**WATER LEVEL DATA**  
While Drilling:  DRY  
At Completion of Drilling:  DRY  
Time After Drilling: NA  
Depth to Water: NA  
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.

**BORING LOG HC-3 (1 OF 2)**

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**BORING LOG HC-3**  
WEI Job No.: 665-05-02  
Datum: NGVD  
Elevation: 182.16 m  
North: 547489.33 m  
East: 362504.03 m  
Station: 18+935.58  
Offset: 3.06 RT

Client: HNTB Corporation  
Project: IL 394 (FAP 94) IDOT D-91-012-01  
Location: Sections 25&26, T36N, R14E, Cook Co.

Profile Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample No.	SPT Values (blows/150 mm)	Moisture Content (%)	Profile Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample No.	SPT Values (blows/150 mm)	Moisture Content (%)
187.4	395-mm thick, ASPHALTIC CONCRETE					187.4					
187.0	Loose to medium dense, brown, coarse SAND	1	6	6	NP	187.0					
186.4	Stiff, gray SILTY CLAY	2	4	3	NP	186.4					
182.4	Stiff to very stiff, gray CLAY	3	2	2	142 B	182.4					
182.0	Black CLAY LOAM	4	1	1	192 P	182.0					
178.9	Medium stiff to stiff, gray CLAY LOAM	5	0	0	63 B	178.9					
177.4	Very soft to medium stiff, gray CLAY LOAM with organic matter	6	1	1	110 B	177.4					
183.4	Hard, gray SILTY CLAY	7	0	0	86 B	183.4					
181.4		8	0	0	15 B	181.4					
173.1		9	0	0	55 B	173.1					

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187.9	Very dense, gray SILT	16	43	50/5	NP	187.9					
185.9	Boring terminated at 15.24 m					185.9					

**GENERAL NOTES**  
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DESIGNED	PMM
CHECKED	LAS
DRAWN	SAW
CHECKED	LAS

ILLINOIS DEPARTMENT OF TRANSPORTATION  
FAI ROUTE 80 (INTERSTATE 80/94)  
INTERSTATE 294 TO US ROUTE 41  
SOIL BORING LOGS 2  
F.A.I. 94 BOX CULVERT  
SECTION (0203.1 & 0312-708W) R-3  
COOK COUNTY  
STA. 18+934.000  
STRUCTURE NO. 016-C012  
DATE JULY 18, 2005  
SCALE

**BRANCO & ZROKA**  
ENGINEERING, P.C.