

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 88 91 SHEETS
F. A. I. 80/94	0203.1B	COOK	200	150	
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT-			
CONTRACT NO. 62854					

**BORING LOG HB-26** Page 1 of 2

Wang Engineering, Inc.  
145 Main Street  
Lombard, IL 60148  
Telephone: 630 953-9928  
Fax: 630 953-9938

WEI Job No.: 665-05-01

Client: HNTB Corporation

Project: IL 394 (FAP 94) IDOT D-91-012-01

Location: Sections 25&26, T36N, R14E, Cook Co.

Datum: NGVD  
Elevation: 932.91 m  
North: 545641.03 m  
East: 362826.95 m  
Station: 120+530.99  
Offset: 12.43 RT

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 (%)
932.2	356-mm thick, black SILTY CLAY LOAM	8	1	4	354	10	932.2	Very stiff to hard, brown and gray CLAY to SILTY CLAY	8	1	4	354	10
931.2	Dense, brown SILT	10	2	7	432	20	931.2	Very stiff, brown to grayish brown CLAY	10	2	7	432	20
930.2	Very stiff, brown to grayish brown CLAY	15	3	28	20	21	930.2	Hard, gray SILTY CLAY, trace gravel-size shale	15	3	28	20	21
929.2	Medium dense, gray SILT	20	4	5	276	25	929.2	Medium dense to very dense, gray SILT	20	4	5	276	25
928.2	Stiff to very stiff, gray CLAY	25	5	3	196	18	928.2	Very dense, gray SILT	25	5	3	196	18
927.2		30	6	4	196	21	927.2		30	6	4	196	21
926.2		35	7	4	212	21	926.2		35	7	4	212	21
925.2		40	8	4	196	21	925.2		40	8	4	196	21
924.2		45	9	4	196	21	924.2		45	9	4	196	21
923.2		50	10	3	196	21	923.2		50	10	3	196	21

**GENERAL NOTES**

Begin Drilling: 03-11-2002 Complete Drilling: 03-11-2002

Drilling Contractor: Mid-America Drilling Drill Rig: D-50 ATV

Driller: J&C Logger: E. Datz Checked by: L. Iordache

Drilling Method: 2.25-inch IDA HSA; Boring backfilled upon completion

**WATER LEVEL DATA**

While Drilling:  DRY

At Completion of Drilling:  DRY

Time After Drilling: NA

Depth to Water:  NA

**BORING LOG HB-27** Page 1 of 2

Wang Engineering, Inc.  
145 Main Street  
Lombard, IL 60148  
Telephone: 630 953-9928  
Fax: 630 953-9938

WEI Job No.: 665-05-01

Client: HNTB Corporation

Project: IL 394 (FAP 94) IDOT D-91-012-01

Location: Sections 25&26, T36N, R14E, Cook Co.

Datum: NGVD  
Elevation: 932.59 m  
North: 545624.74 m  
East: 362859.59 m  
Station: 120+504.77  
Offset: 8.39 LT

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 (%)
932.2	356-mm thick, black SILTY CLAY LOAM	8	11	4	243	21	932.2	Very stiff to hard, brown and gray CLAY to SILTY CLAY	8	11	4	243	21
931.2	Dense, brown SILT	10	12	3	290	21	931.2	Very stiff, brown to grayish brown CLAY	10	12	3	290	21
930.2	Very stiff, brown to grayish brown CLAY	15	13	7	485	18	930.2	Hard, gray SILTY CLAY, trace gravel-size shale	15	13	7	485	18
929.2	Medium dense, gray SILT	20	14	6	NP	20	929.2	Medium dense to very dense, gray SILT	20	14	6	NP	20
928.2	Stiff to very stiff, gray CLAY	25	15	3	196	18	928.2	Very dense, gray SILT	25	15	3	196	18
927.2		30	16	4	220	20	927.2		30	16	4	220	20
926.2		35	17	3	172	20	926.2		35	17	3	172	20
925.2		40	18	3	220	20	925.2		40	18	3	220	20
924.2		45	19	3	228	21	924.2		45	19	3	228	21
923.2		50	20	3	228	21	923.2		50	20	3	228	21

**GENERAL NOTES**

Begin Drilling: 02-26-2002 Complete Drilling: 02-26-2002

Drilling Contractor: Mid-America Drilling Drill Rig: D-50 ATV

Driller: B&D Logger: E. Datz Checked by: L. Iordache

Drilling Method: 2.25-inch IDA HSA; Boring backfilled upon completion

**WATER LEVEL DATA**

While Drilling:  DRY

At Completion of Drilling:  DRY

Time After Drilling: NA

Depth to Water:  NA

**BORING LOG HB-28** Page 1 of 2

Wang Engineering, Inc.  
145 Main Street  
Lombard, IL 60148  
Telephone: 630 953-9928  
Fax: 630 953-9938

WEI Job No.: 665-05-01

Client: HNTB Corporation

Project: IL 394 (FAP 94) IDOT D-91-012-01

Location: Sections 25&26, T36N, R14E, Cook Co.

Datum: NGVD  
Elevation: 933.60 m  
North: 545832.41 m  
East: 362897.26 m  
Station: 120+465.69  
Offset: 4.16 LT

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 (%)
932.2	305-mm thick, black SILTY CLAY LOAM	8	1	4	361	19	932.2	Very stiff to hard, brown and gray CLAY to SILTY CLAY	8	1	4	361	19
931.2	Dense, brown SILT	10	2	8	786	17	931.2	Very dense, light brown SILT	10	2	8	786	17
930.2	Very dense, light brown SILT	15	3	15	NP	19	930.2	Very stiff, light brown CLAY	15	3	15	NP	19
929.2	Very stiff, light brown CLAY	20	4	4	275	28	929.2	Hard, gray SILTY CLAY	20	4	4	275	28
928.2		25	5	3	220	20	928.2		25	5	3	220	20
927.2		30	6	3	204	17	927.2		30	6	3	204	17
926.2		35	7	3	172	20	926.2		35	7	3	172	20
925.2		40	8	3	220	20	925.2		40	8	3	220	20
924.2		45	9	3	228	21	924.2		45	9	3	228	21
923.2		50	10	3	228	21	923.2		50	10	3	228	21

**GENERAL NOTES**

Begin Drilling: 02-26-2002 Complete Drilling: 02-26-2002

Drilling Contractor: Mid-America Drilling Drill Rig: D-50 ATV

Driller: B&D Logger: E. Datz Checked by: L. Iordache

Drilling Method: 2.25-inch IDA HSA; Boring backfilled upon completion

**WATER LEVEL DATA**

While Drilling:  DRY

At Completion of Drilling:  DRY

Time After Drilling: NA

Depth to Water:  NA

Notes:  
1. For Page 2 of 2 of Boring Log HB-28, see Sheet No. 89 of 91 sheets.

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28-MAR-2005 12:25

DESIGNED	---
CHECKED	---
DRAWN	JRB
CHECKED	GPM

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

**BORING LOG HB-26, HB-27 & HB-28**  
WB I-80/94 TO SB IL 394 - RAMP G  
FAI 80/94 - FAP 332 SECTION 0203.1B  
COOK COUNTY  
STA. 120+796.063 STRUCTURE NO. 016-2804  
DATE 3/23/05  
SCALE ---

**HNTB**