STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F. A. I. 80/94	*	COOK	870	601
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 87
91 SHEETS

(0203.1 & 0312-708W) R-3 CONTRACT NO. 62108

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 HB-65

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: 182.89 m
North: 546003.31 m
East: 362533.09 m
Station: 440+744.66
Offset: 7.23 LT

Profile	Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample Type & recovery	Sample No.	SPT Values (blw/150 mm)	Qu (kPa)	Moisture Content (%)
	167.9	Hard, gray SILTY CLAY	15		16	37 50/127	NP	11
	167.8	Boring terminated at 15.06 m						

Profile	Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample Type & recovery	Sample No.	N Values (blw/150 mm)	Qu (kPa)	Moisture Content (%)

GENERAL NOTES

Begin Drilling: 11-28-2001 Complete Drilling: 11-28-2001
Drilling Contractor: Patrick Drilling Drill Rig: CME 75
Driller: K&C Logger: E. Datz Checked by: B. Fuglel
Drilling Method: 3.25-inch ID HSA, Boring grouted after completion

WATER LEVEL DATA

While Drilling: ▽ 13.41 m
At Completion of Drilling: ▼ 13.18 m
Time After Drilling: NA
Depth to Water: ▽ NA

The stratification lines represent the approximate boundary between soil types the actual transition may be gradual.

MANDRIGHT 1/5/04 MANDRILOG1 1/5/04

BORING LOG HN-01

Wang Engineering, INC.
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1145 Main Street
Lombard, IL 60148
Telephone: 630 953-9928
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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: 180.46 m
North: 545807.68 m
East: 362580.27 m
Station: 110+296
Offset: 1.4 LT

Profile	Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample Type & recovery	Sample No.	SPT Values (blw/150 mm)	Qu (kPa)	Moisture Content (%)
	180.4	Stiff, brown CLAY LOAM --TOPSOIL--			1	2 4 5	133	22
	179.9	Stiff, brown CLAY LOAM				5	B	
	179.3	Very stiff to hard, brown CLAY			2	5 7 16	354 B	21
					3	5 11 19	307 B	19
					4	5 7 12	542 B	19
	177.4	Very stiff, gray CLAY			5	6 7 12	299 B	20
					6	6 7 11	228 B	20
					7	3 5 10	243 B	20
					8	4 6 10	307 B	20
					9	6 10 13	338 B	18
					10	4 8 13	330 B	19

Profile	Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample Type & recovery	Sample No.	N Values (blw/150 mm)	Qu (kPa)	Moisture Content (%)
	172.7	Very stiff to hard, gray CLAY to SILTY CLAY	6		11	4 9 15	408 B	13
			9		12	6 8 15	307 B	16
			12		13	43 50/127	798 N/6	15
	168.6	Boring terminated at 11.84 m			14	30 50/101	798 N/6	8

GENERAL NOTES

Begin Drilling: 03-07-2002 Complete Drilling: 03-07-2002
Drilling Contractor: Mid-America Drilling Drill Rig: Diedrich D-50
Driller: J & C Logger: B. Fuglel Checked by: B. Fuglel
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: 24 hours
Depth to Water: ▽ 9.14 m

The stratification lines represent the approximate boundary between soil types the actual transition may be gradual.

MANDRIGHT 1/5/04 MANDRILOG1 1/5/04

BORING LOG HN-02

Wang Engineering, INC.
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wangeng3@wangeng.com
1145 Main Street
Lombard, IL 60148
Telephone: 630 953-9928
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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: 181.67 m
North: 545816.28 m
East: 362606.35 m
Station: 440+542.98
Offset: 1.55 RT

Profile	Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample Type & recovery	Sample No.	SPT Values (blw/150 mm)	Qu (kPa)	Moisture Content (%)
	181.5	Medium stiff, brown SANDY CLAY, trace gravel --TOPSOIL--			1	5 6 8	220 B	23
	181.1	Very stiff, brown CLAY LOAM						
	180.5	Loose, gray SANDY LOAM			2	4 4 5	NP	21
	180.0	Soft to medium stiff, brown CLAY LOAM			3	4 4 4	39 B	22
					4	3 3 3	63 B	28
	178.2	Soft to medium stiff, dark gray and olive green, organic CLAY LOAM			5	3 3 3	39 B	54
					6	2 2 2	32 B	59
					7	0 1 2	63 B	62
					8	1 2	55 B	43
					9	2 1 2	47 B	52
					10	2 2 2	47 B	52

Profile	Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample Type & recovery	Sample No.	N Values (blw/150 mm)	Qu (kPa)	Moisture Content (%)
	173.1	Loose, gray SANDY LOAM	8		11	2 2 2	47 B	29
	172.7	Very stiff to hard, gray SILTY CLAY			12	1 2 4	NP B	22
			10		13	7 10 15	307 B	19
			12		14	15 30 50/100	798 N/6	21
	168.0	Boring terminated at 13.67 m			15	15 28 50/100	798 N/6	12

GENERAL NOTES

Begin Drilling: 03-07-2002 Complete Drilling: 03-07-2002
Drilling Contractor: Mid-America Drilling Drill Rig: Diedrich D-50
Driller: J & C Logger: B. Fuglel Checked by: B. Fuglel
Drilling Method: 2.25-inch IDA HSA; Boring backfilled upon completion

WATER LEVEL DATA

While Drilling: ▽ 1.83 m
At Completion of Drilling: ▼ 2.13 m
Time After Drilling: 24 hours
Depth to Water: ▽ 1.52 m

The stratification lines represent the approximate boundary between soil types the actual transition may be gradual.

MANDRIGHT 1/5/04 MANDRILOG1 1/5/04

Notes:
1. For Page 1 of 2 of Boring Log HB-65, see Sheet No. 86 of 91 Sheets.

DESIGNED	PCA
CHECKED	MEA
DRAWN	LK
CHECKED	MEA

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-94 EAST BOUND / IL 394 SOUTH BOUND
SOIL BORING LOGS
HB-65, HN-01 & HN-02
SB IL ROUTE 394 / RAMP F OVER THORN CREEK
F.A.P. 332 SECTION (0203.1 & 0312-708W) R-3
COOK COUNTY
STA. 440+704.350 STRUCTURE NO. 016-2800/2845
DATE JUL 18, 2005
SCALE ---

HNTB

LK:ais
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18-AUG-2005 08:37