

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F. A. I. 80/94	0203.1B	COOK	200	146
91 SHEETS				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT-			CONTRACT NO. 62854	

BORING LOG HB-20 Page 1 of 2

Wang Engineering, Inc.
1145 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.

Date: NGVD
Elevation: 194.48 m
North: 545433.35 m
East: 362607.01 m
Station: 120+841.07
Offset: 4.50 RT

Profile Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample No.	N Value (blows/30 mm)	Cu (kPa)	Mohr's Content (%)	Profile Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample No.	N Value (blows/30 mm)	Cu (kPa)	Mohr's Content (%)
194.48	254-mm thick ASPHALT -PAVEMENT-	0					194.48	Very dense CRUSHED STONE -BASE COURSE-	0	1	25	NP	5
194.48	Very dense CRUSHED STONE -BASE COURSE-	0	1	25	NP	5	194.48	Medium dense, gray SAND -FILL-	1	2	6	NP	15
194.48	Medium dense, gray SAND -FILL-	1	2	6	NP	15	194.48	Very stiff, brown and gray CLAY	2	3	8	NP	21
194.48	Very stiff, brown and gray CLAY	2	3	8	NP	21	194.48	Medium dense, brown SILT	3	4	5	NP	20
194.48	Medium dense, brown SILT	3	4	5	NP	20	194.48	Very stiff, brown and gray CLAY	4	5	5	NP	20
194.48	Very stiff, brown and gray CLAY	4	5	5	NP	20	194.48	Medium dense, brown and gray SILT	5	6	3	NP	18
194.48	Medium dense, brown and gray SILT	5	6	3	NP	18	194.48	Stiff to very stiff, gray CLAY, trace to little gravel	6	7	3	NP	21
194.48	Stiff to very stiff, gray CLAY, trace to little gravel	6	7	3	NP	21	194.48	Hard gray CLAY, little gravel	7	8	3	NP	21
194.48	Hard gray CLAY, little gravel	7	8	3	NP	21	194.48	Very dense, gray, gravelly SILTY LOAM	8	9	3	NP	23
194.48	Very dense, gray, gravelly SILTY LOAM	8	9	3	NP	23	194.48		9	10	3	NP	22
194.48		9	10	3	NP	22							

GENERAL NOTES

Begin Drilling: 02-25-2002 Complete Drilling: 02-25-2002
 Drilling Contractor: TSC Drill Rig: Diodrich D-120
 Driller: L&B Logger: T. Chan Checked by: E. Datz
 Drilling Method: 2.24-inch ID. 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-21 Page 1 of 2

Wang Engineering, Inc.
1145 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.

Date: NGVD
Elevation: 194.81 m
North: 545476.15 m
East: 362626.36 m
Station: 120+794.88
Offset: 3.57 RT

Profile Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample No.	N Value (blows/30 mm)	Cu (kPa)	Mohr's Content (%)	Profile Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample No.	N Value (blows/30 mm)	Cu (kPa)	Mohr's Content (%)
194.81	254-mm thick ASPHALT -PAVEMENT-	0					194.81	Very dense CRUSHED STONE -BASE COURSE-	0	11	3	NP	22
194.81	Very dense CRUSHED STONE -BASE COURSE-	0	11	3	NP	22	194.81	Medium dense, brown SILT	12	12	2	NP	24
194.81	Medium dense, brown SILT	12	12	2	NP	24	194.81	Very stiff, brown and gray CLAY	13	13	3	NP	24
194.81	Very stiff, brown and gray CLAY	13	13	3	NP	24	194.81	Medium dense, brown and gray SILT	14	14	5	NP	21
194.81	Medium dense, brown and gray SILT	14	14	5	NP	21	194.81	Stiff to very stiff, gray CLAY, trace to little gravel	15	15	6	NP	14
194.81	Stiff to very stiff, gray CLAY, trace to little gravel	15	15	6	NP	14	194.81	Very dense, gray, gravelly SILTY LOAM	16	16	7	NP	10
194.81	Very dense, gray, gravelly SILTY LOAM	16	16	7	NP	10							

GENERAL NOTES

Begin Drilling: 03-13-2002 Complete Drilling: 03-13-2002
 Drilling Contractor: TSC Drill Rig: CME 75
 Driller: C&J Logger: H. Suhail Checked by: E. Datz
 Drilling Method: 3.25-inch ID. HSA; Boring grouted after completion.

WATER LEVEL DATA

While Drilling: 2.59 m
 At Completion of Drilling: 14.48 m
 Time After Drilling: NA
 Depth to Water: NA

BORING LOG HB-21 Page 2 of 2

Wang Engineering, Inc.
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.

Date: NGVD
Elevation: 194.81 m
North: 545476.15 m
East: 362626.36 m
Station: 120+794.88
Offset: 3.57 RT

Profile Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample No.	N Value (blows/30 mm)	Cu (kPa)	Mohr's Content (%)	Profile Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample No.	N Value (blows/30 mm)	Cu (kPa)	Mohr's Content (%)
194.81	Boring terminated at 16.54 m	16.54					194.81						

GENERAL NOTES

Begin Drilling: 03-13-2002 Complete Drilling: 03-13-2002
 Drilling Contractor: TSC Drill Rig: CME 75
 Driller: C&J Logger: H. Suhail Checked by: E. Datz
 Drilling Method: 3.25-inch ID. HSA; Boring grouted after completion.

WATER LEVEL DATA

While Drilling: 2.59 m
 At Completion of Drilling: 14.48 m
 Time After Drilling: NA
 Depth to Water: NA

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28-MAR-2005 12:25

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

Notes:
1. For Page 1 of 2 of Boring Log HB-20, see Sheet No. 83 of 91 sheets.

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-94/IL 394 SOUTH BOUND
BORING LOGS HB-20 AND HB-21
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