

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F. A. I. 80/94	*	COOK	870	659
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT-	
10203.1 & 0312-708WR-3		CONTRACT NO. 62108		SHEET NO. 49 56 SHEETS

BORING LOG HB-40 Page 2 of 2

Wang Engineering, Inc.
wangen3@wangen.com
1145 Main Street
Lombard, IL 60148
Telephone 630 953-9928
Fax 630 953-9938

WEI Job No.: 665-05-08

Datum: NGVD
Elevation: 182.61 m
North: 545634.60 m
East: 362665.14 m
Station: 20+622.87
Offset: 18.04 RT

Client: HNTB
Project: EB I-94 Bridge over Thorn Creek
Location: Cook County, IL

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 (%)
	Boring terminated at 15.09 m										

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	11-15-2001	Complete Drilling	11-15-2001	While Drilling	∇	DRY	
Drilling Contractor	Patrick Drilling	Drill Rig	ATV CME 75	At Completion of Drilling	∇	DRY	
Driller	K&C	Logger	B. Fugiel	Checked by	B. Fugiel		
Drilling Method	3.25-inch ID HSA, Boring grouted after completion.						
The stratification lines represent the approximate boundary between soil types; the actual transition may be graduel.							

BORING LOG HB-43 Page 1 of 1

Wang Engineering, Inc.
wangen3@wangen.com
1145 Main Street
Lombard, IL 60148
Telephone 630 953-9928
Fax 630 953-9938

WEI Job No.: 665-05-08

Datum: NGVD
Elevation: 179.88 m
North: 545854.35 m
East: 362684.26 m
Station: 20+617.87
Offset: 7.63 LT

Client: HNTB
Project: EB I-94 Bridge over Thorn Creek
Location: Cook County, IL

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 (%)
178.2	Medium stiff to stiff, brown CLAY LOAM with organic matter	1	1	144 P	28	178.2		1	1	144 P	28
		2	2	72 P	30			2	2	72 P	30
176.2	Very loose, gray SANDY LOAM	3	3	NP	27	176.2	Very dense, gray SILT, dry	3	3	NP	27
173.2	Very stiff to hard, gray CLAY	4	4	315 B	23	173.2		4	4	315 B	23
		5	5	471 B	20	185.7	SANDY GRAVEL, wet	5	5	471 B	20
		6	6	267 B	21	185.0	Hard, gray SILTY CLAY	6	6	267 B	21
174.2	Very stiff to hard, gray SILTY CLAY	7	7	354 B	20	186.5	Boring terminated at 13.39 m	7	7	354 B	20
		8	8	354 B	19			8	8	354 B	19
		9	9	550 B	16			9	9	550 B	16
		10	10	393 B	13			10	10	393 B	13

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	11-20-2001	Complete Drilling	11-20-2001	While Drilling	∇	11.20 m	
Drilling Contractor	Patrick Drilling	Drill Rig	ATV CME 75	At Completion of Drilling	∇	4.97 m	
Driller	K&C	Logger	B. Fugiel	Checked by	L. Iordache		
Drilling Method	3.25-inch ID HSA, Boring grouted after completion.						
The stratification lines represent the approximate boundary between soil types; the actual transition may be graduel.							

BORING LOG HB-44 Page 1 of 1

Wang Engineering, Inc.
wangen3@wangen.com
1145 Main Street
Lombard, IL 60148
Telephone 630 953-9928
Fax 630 953-9938

WEI Job No.: 665-05-08

Datum: NGVD
Elevation: 182.09 m
North: 545860.82 m
East: 362657.42 m
Station: 20+596.49
Offset: 8.35 RT

Client: HNTB
Project: EB I-94 Bridge over Thorn Creek
Location: Cook County, IL

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 (%)
186.1	152-mm thick ASPHALT	1	1	NP	57	186.1	Very stiff to hard, gray SILTY CLAY	1	1	NP	57
	Loose, brown SAND and GRAVEL	2	2	166 P	20			2	2	166 P	20
	STIFF, dark gray CLAY LOAM	3	3	120 P	24			3	3	120 P	24
	STIFF, gray and green CLAY	4	4	157 B	21			4	4	157 B	21
178.9	Very stiff, brown and gray CLAY	5	5	236 B	23	178.9	Very dense, gray SILT	5	5	236 B	23
		6	6	267 B	24			6	6	267 B	24
177.1	STIFF, gray CLAY	7	7	157 B	20	177.1	Very dense, black and gray, coarse SAND	7	7	157 B	20
		8	8	157 B	20			8	8	157 B	20
		9	9	189 B	20			9	9	189 B	20
		10	10	172 B	20			10	10	172 B	20

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	11-16-2001	Complete Drilling	11-16-2001	While Drilling	∇	14.40 m	
Drilling Contractor	Patrick Drilling	Drill Rig	ATV CME 75	At Completion of Drilling	∇		
Driller	K&C	Logger	B. Fugiel	Checked by	B. Fugiel		
Drilling Method	3.25-inch ID HSA, Boring grouted after completion.						
The stratification lines represent the approximate boundary between soil types; the actual transition may be graduel.							

J:\Beauchamp\J1\34952\GADD\34\SN_2807\cadd\CTFL_19_2807\bp190014b_2807.dgn
08-JUL-2005 14:56

DESIGNED	---
CHECKED	---
DRAWN	LK
CHECKED	JJK

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-94 EAST BOUND / IL 394 SOUTH BOUND
SOIL BORING LOGS
HB-40, HB-43 & HB-44
EB I-94 OVER THORN CREEK
F.A.I. 94 SECTION (0203.1 & 0312-708W) R-3
COOK COUNTY
STA. 20+509.000 STRUCTURE NO. 016-2807
DATE JUL 18, 2005
SCALE ---
HNTB