

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F. A. I. 80/94	*	COOK	870	663
FED. ROAD DIST. NO. 1		BLINDS	FED. AID PROJECT-	
			02031.1 & 0312-708WR-3	CONTRACT NO. 62108

**BORING LOG HB-58** Page 2 of 2

Wang Engineering, Inc.  
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1145 Main Street  
Lombard, IL 60148  
Telephone: 630 953-9928  
Fax: 630 953-9938

WEI Job No.: 665-05-08  
Client: HNTB  
Project: EB I-94 Bridge over Thorn Creek  
Location: Cook County, IL

Datum: NGVD  
Elevation: 183.03 m  
North: 545896.95 m  
East: 362664.59 m  
Station: 20+433.45  
Offset: 7.53 RT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/150 mm)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/150 mm)	Moisture Content (%)
	Boring terminated at 15.24 m										

<b>GENERAL NOTES</b>				<b>WATER LEVEL DATA</b>			
Begin Drilling	03-26-2002	Complete Drilling	03-26-2002	While Drilling	▽	12.50 m	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75	At Completion of Drilling	▽	6.71 m	
Driller	K & C	Logger	E. Datz	Time After Drilling	NA		
Checked by	N. Davis			Depth to Water	▽	NA	
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 gradual.			

**BORING LOG ME-3** Page 1 of 2

Wang Engineering, Inc.  
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WEI Job No.: 665-05-08  
Client: HNTB  
Project: EB I-94 Bridge over Thorn Creek  
Location: Cook County, IL

Datum: NGVD  
Elevation: 180.51 m  
North: 545819.69 m  
East: 362633.71 m  
Station: 20+649.875  
Offset: 9.934 RT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/150 mm)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/150 mm)	Moisture Content (%)
183.03	10-inch thick, black SILTY LOAM	0	1	2	192	17					
	Very stiff, gray CLAY	1	2	2							
179.6	Very soft to soft, dark greenish-gray CLAY LOAM to SILTY CLAY LOAM	2	3	39	27						
		3	1	1	15	35					
174.7	Very loose, brown and gray, fine, SAND	4	1	1	15	22					
172.7	Very soft to soft, greenish-gray SILTY LOAM to SILTY CLAY LOAM	5	1	1	47	25					
		6	0	0	55	31					
		7	0	0	15	50					
		8	0	0	15	37					
154.3	Very loose to medium dense, gray, LOAM to SILTY LOAM	9	3	4	NP	20					
		10	0	0	24	21					

<b>GENERAL NOTES</b>				<b>WATER LEVEL DATA</b>			
Begin Drilling	12-08-2003	Complete Drilling	12-08-2003	While Drilling	▽	7.01 m	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 ATV	At Completion of Drilling	▽	5.49 m	
Driller	K&L	Logger	E. Datz	Time After Drilling	24 hours		
Checked by	E. Datz			Depth to Water	▽	1.93 m	
Drilling Method	3.25" IDA HSA			The stratification lines represent the approximate boundary between soil types. The actual transition may be gradual.			

**BORING LOG ME-3** Page 2 of 2

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Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/150 mm)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/150 mm)	Moisture Content (%)
185.1	Hard, gray SILTY CLAY, with cobbles	8	21	46	31	8					
		11	22	34	37	11					
		13	23	28	37	13					
		14	24	50	3	11					
182.2	Possible BEDROCK										
	-- AUGER REFUSAL --										
	Boring terminated at 18.29 m										

<b>GENERAL NOTES</b>				<b>WATER LEVEL DATA</b>			
Begin Drilling	12-08-2003	Complete Drilling	12-08-2003	While Drilling	▽	7.01 m	
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 ATV	At Completion of Drilling	▽	5.49 m	
Driller	K&L	Logger	E. Datz	Time After Drilling	24 hours		
Checked by	E. Datz			Depth to Water	▽	1.93 m	
Drilling Method	3.25" IDA HSA			The stratification lines represent the approximate boundary between soil types. The actual transition may be gradual.			

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

ILLINOIS DEPARTMENT OF TRANSPORTATION  
I-94 EAST BOUND / IL 394 SOUTH BOUND  
**SOIL BORING LOGS HB-58 & ME-3**  
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**