

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 50 56 SHEETS
F. A. I. 80/94	-	COOK	870	660	
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT-		CONTRACT NO. 62108

**BORING LOG HB-44** Page 2 of 2

Wang Engineering, Inc.  
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: 182.09 m  
North: 545860.82 m  
East: 362657.42 m  
Station: 20+596.49  
Offset: 8.35 RT

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 (%)
16.3	Hard, gray SILTY CLAY	16.3	17	20/27	431 P	16.3		16.3			
11.1	Boring terminated at 16.46 m	11.1				11.1		11.1			

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	11-16-2001	Complete Drilling	11-16-2001	While Drilling	∇	14.48 m	
Drilling Contractor	Patrick Drilling	Drill Rig	ATV CME 75	At Completion of Drilling	∇		
Driller	K&C	Logger	B. Fugiel	Time After Drilling	NA		
Drilling Method	3.25-inch ID HSA, Boring grouted after completion			Depth to Water	∇	NA	

**BORING LOG HB-52** Page 1 of 2

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

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

Datum: NGVD  
Elevation: 182.75 m  
North: 545883.98 m  
East: 362636.71 m  
Station: 20+565.96  
Offset: 8.58 RT

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 (%)
15.2	152.4-mm thick, ASPHALT --PAVEMENT--	15.2				15.2		15.2			
14.3	CRUSHED STONE --BASE COURSE--	14.3	1	4	NP	14.3		14.3			
11.1	Medium stiff to very stiff, gray CLAY --FILL--	11.1	2	96	30	11.1		11.1			
10.2		10.2	3	287	22	10.2		10.2			
9.4		9.4	4	216	23	9.4		9.4			
8.6		8.6	5	48	23	8.6		8.6			
7.8	Very soft, gray CLAY	7.8	6	424	25	7.8		7.8			
7.0		7.0	7	NP	30	7.0		7.0			
6.2	Loose, coarse, brown SANDY LOAM, trace organics	6.2	8	24	43	6.2		6.2			
5.4	Soft, gray CLAY, with sand interbeds	5.4	9	275	23	5.4		5.4			
4.6	Medium dense, gray SILT	4.6	10	267	24	4.6		4.6			
3.8	Very stiff to hard, gray SILTY CLAY	3.8				3.8		3.8			
3.0		3.0				3.0		3.0			
2.2		2.2				2.2		2.2			
1.4		1.4				1.4		1.4			
0.6		0.6				0.6		0.6			
-0.2		-0.2				-0.2		-0.2			
-1.0		-1.0				-1.0		-1.0			
-1.8		-1.8				-1.8		-1.8			
-2.6		-2.6				-2.6		-2.6			
-3.4		-3.4				-3.4		-3.4			
-4.2		-4.2				-4.2		-4.2			
-5.0		-5.0				-5.0		-5.0			
-5.8		-5.8				-5.8		-5.8			
-6.6		-6.6				-6.6		-6.6			
-7.4		-7.4				-7.4		-7.4			
-8.2		-8.2				-8.2		-8.2			
-9.0		-9.0				-9.0		-9.0			
-9.8		-9.8				-9.8		-9.8			
-10.6		-10.6				-10.6		-10.6			
-11.4		-11.4				-11.4		-11.4			
-12.2		-12.2				-12.2		-12.2			
-13.0		-13.0				-13.0		-13.0			
-13.8		-13.8				-13.8		-13.8			
-14.6		-14.6				-14.6		-14.6			
-15.4		-15.4				-15.4		-15.4			
-16.2		-16.2				-16.2		-16.2			
-17.0		-17.0				-17.0		-17.0			
-17.8		-17.8				-17.8		-17.8			
-18.6		-18.6				-18.6		-18.6			
-19.4		-19.4				-19.4		-19.4			
-20.2		-20.2				-20.2		-20.2			
-21.0		-21.0				-21.0		-21.0			
-21.8		-21.8				-21.8		-21.8			
-22.6		-22.6				-22.6		-22.6			
-23.4		-23.4				-23.4		-23.4			
-24.2		-24.2				-24.2		-24.2			
-25.0		-25.0				-25.0		-25.0			
-25.8		-25.8				-25.8		-25.8			
-26.6		-26.6				-26.6		-26.6			
-27.4		-27.4				-27.4		-27.4			
-28.2		-28.2				-28.2		-28.2			
-29.0		-29.0				-29.0		-29.0			
-29.8		-29.8				-29.8		-29.8			
-30.6		-30.6				-30.6		-30.6			
-31.4		-31.4				-31.4		-31.4			
-32.2		-32.2				-32.2		-32.2			
-33.0		-33.0				-33.0		-33.0			
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-35.4		-35.4				-35.4		-35.4			
-36.2		-36.2				-36.2		-36.2			
-37.0		-37.0				-37.0		-37.0			
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-38.6		-38.6				-38.6		-38.6			
-39.4		-39.4				-39.4		-39.4			
-40.2		-40.2				-40.2		-40.2			
-41.0		-41.0				-41.0		-41.0			
-41.8		-41.8				-41.8		-41.8			
-42.6		-42.6				-42.6		-42.6			
-43.4		-43.4				-43.4		-43.4			
-44.2		-44.2				-44.2		-44.2			
-45.0		-45.0				-45.0		-45.0			
-45.8		-45.8				-45.8		-45.8			
-46.6		-46.6				-46.6		-46.6			
-47.4		-47.4				-47.4		-47.4			
-48.2		-48.2				-48.2		-48.2			
-49.0		-49.0				-49.0		-49.0			
-49.8		-49.8				-49.8		-49.8			
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-52.2		-52.2				-52.2		-52.2			
-53.0		-53.0				-53.0		-53.0			
-53.8		-53.8				-53.8		-53.8			
-54.6		-54.6				-54.6		-54.6			
-55.4		-55.4				-55.4		-55.4			
-56.2		-56.2				-56.2		-56.2			
-57.0		-57.0				-57.0		-57.0			
-57.8		-57.8				-57.8		-57.8			
-58.6		-58.6				-58.6		-58.6			
-59.4		-59.4				-59.4		-59.4			
-60.2		-60.2				-60.2		-60.2			
-61.0		-61.0				-61.0		-61.0			
-61.8		-61.8				-61.8		-61.8			
-62.6		-62.6				-62.6		-62.6			
-63.4		-63.4				-63.4		-63.4			
-64.2		-64.2				-64.2		-64.2			
-65.0		-65.0				-65.0		-65.0			
-65.8		-65.8				-65.8		-65.8			
-66.6		-66.6				-66.6		-66.6			
-67.4		-67.4				-67.4		-67.4			
-68.2		-68.2				-68.2		-68.2			
-69.0		-69.0				-69.0		-69.0			
-69.8		-69.8				-69.8		-69.8			
-70.6		-70.6				-70.6		-70.6			
-71.4		-71.4				-71.4		-71.4			
-72.2		-72.2				-72.2		-72.2			
-73.0		-73.0				-73.0		-73.0			
-73.8		-73.8				-73.8		-73.8			
-74.6		-74.6				-74.6		-74.6			
-75.4		-75.4				-75.4		-75.4			
-76.2		-76.2				-76.2		-76.2			
-77.0		-77.0				-77.0		-77.0			
-77.8		-77.8				-77.8		-77.8			
-78.6		-78.6				-78.6		-78.6			
-79.4		-79.4				-79.4		-79.4			
-80.2		-80.2				-80.2		-80.2			
-81.0		-81.0				-81.0		-81.0			
-81.8		-81.8				-81.8		-81.8			
-82.6		-82.6				-82.6		-82.6			
-83.4		-83.4				-83.4		-83.4			
-84.											