

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 54 56 SHEETS
F. A. I. 80/94	-	COOK	870	664	
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT-			
0203.1 & 0312-708WR-3		CONTRACT NO. 62108			

Wang Engineering, Inc.
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1145 Main Street
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Telephone: 630 953-9928
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BORING LOG ME-3ST
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: 54583.81 m
East: 36268.75 m
Station: 20+648.875
Offset: 9.934 RT

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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 (%)
180.3	10-inch thick black silty loam	0				180.3	--(25-27) LL=NP, PL=NP, Fines=54%	13	P 23		22
	Stiff, brown CLAY	0-3	1		17			14	P 46		22
178.6	Very soft to soft, greenish gray CLAY LOAM to SILTY CLAY LOAM	3-5	2		23		--(29-31) LL=NP, PL=NP	15	P 33		22
		5-7	3		26			16	P 24		22
		7-9	4		31		--(33-35) LL=NP, PL=NP	17	P 24		22
177.2	Loose, brown and gray, fine SAND	9	5		NP			18	P 24		22
177.2	Loose, greenish gray SILTY LOAM to SILTY CLAY LOAM	9	6		24						
		11	7		41						
		13	8		46						
		15	9		55						
		17	10		49						
		19	11		24						
		21	12		53						

GENERAL NOTES		WATER LEVEL DATA	
Begin Drilling	12-09-2003	Complete Drilling	12-09-2003
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 ATV
Driller	K&L	Logger	E. Datz
Drilling Method	3.25" IDA HSA	Checked by	E. Datz
While Drilling	6.40 m	At Completion of Drilling	8.84 m
Time After Drilling	24 hours	Depth to Water	2.44 m

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BORING LOG ME-3STB
WEI Job No.: 665-05-08
Client: HNTB
Project: EB I-94 Bridge over Thorn Creek
Location: Cook County, IL

Datum: NGVD
Elevation: 180.35 m
North: 54583.81 m
East: 36268.75 m
Station: 20+637.77
Offset: 11.443 RT

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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 (%)
180.3	10-inch thick, black SILTY LOAM	0				180.3	Medium stiff, brown and gray SANDY LOAM	9.45			
	--TOPSOIL--	0	1		168						
	Medium stiff to stiff, brown SILTY CLAY to SILTY CLAY LOAM	0	2		48						
		2	3		48						
		4	4		24						
		5	5		24						
		6	6		24						
		7	7		24						
		8	8		24						
		9	9		24						
		10	10		24						

GENERAL NOTES		WATER LEVEL DATA	
Begin Drilling	02-02-2004	Complete Drilling	02-02-2004
Drilling Contractor	Patrick Drilling	Drill Rig	CME 75 ATV
Driller	K&E	Logger	S. Janowski
Drilling Method	3.25" IDA HSA	Checked by	
While Drilling	4.72 m	At Completion of Drilling	DRY
Time After Drilling	NA	Depth to Water	NA

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BORING LOG MR-14
WEI Job No.: 665-05-08
Client: HNTB
Project: EB I-94 Bridge over Thorn Creek
Location: Cook County, IL

Datum: NGVD
Elevation: 179.84 m
North: 54582.68 m
East: 36268.10 m
Station: 20+638.42
Offset: 8.00 LT

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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 (%)
180.3	Dark brown and black CLAY LOAM	0				180.3	Dense, gray SILT	11			
	--TOPSOIL--	0	1		196			12			
	Very stiff, dark brown CLAY	0	2		39			13			
	Soft and very soft, brownish gray to greenish gray CLAY with organic matter	0	3		32			14			
		2	4		15			15			
		4	5		24			16			
		6	6		NP			17			
		8	7		511			18			
		10	8		542			19			
		12	9		526			20			
		14	10		369			21			

GENERAL NOTES		WATER LEVEL DATA	
Begin Drilling	12-21-2001	Complete Drilling	12-21-2001
Drilling Contractor	Mid-America Drilling	Drill Rig	D-120 ATV
Driller	E&C	Logger	E. Datz
Drilling Method	2.25-in ID HSA; Boring backfilled upon completion	Checked by	L. Tordache
While Drilling	2.44 m	At Completion of Drilling	2.44 m
Time After Drilling	NA	Depth to Water	NA

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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
ME-3ST, ME-3STB & MR-14
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