

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F. A. I. 80/94	0203.1B	COOK	200	154
SHEET NO. 91A				
91 SHEETS				
CONTRACT NO. 62854				

**BORING LOG RD-403** Page 1 of 1

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

Client: American Consulting Engineers, LLC  
Project: FAI 80/94, I-294 to US 41  
Location: s13 T36N R10W & s29 T36N R15E

WEI Job No.: 255-08-04

Date: NGVD  
Elevation: 195.67 m  
North: 545376.06 m  
East: 392506.73 m  
Station: 120+908.24  
Offset: 11.47 RT

Profile Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample No.	SPT Values (blows/30 mm)	Q <sub>v</sub> (kPa)	Moisture Content (%)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample No.	R <sub>v</sub> Values (blows/30 mm)	Q <sub>v</sub> (kPa)	Moisture Content (%)
195.4	Black SILTY CLAY LOAM	0						0				
	Loose, brown SANDY LOAM with interbedded silty clay lenses	1	1	3	NP	13		1	11	2	157	20
	Stiff, black SILTY CLAY	2	2	3	NP	15		2	12	4	260	21
	Very stiff, brown and gray CLAY	3	3	3	253	29		3	13	3	243	20
	Medium stiff, brown and gray SILTY CLAY	4	4	1	79	35		4	11			
	Very loose, brown SILT MC=28%	5	5	4	298	21		5	12			
	Very stiff, brown CLAY	6	6	2	118	23		6	13			
	Stiff to very stiff, gray CLAY	7	7	2	157	20		7	14			
		8	8	3	172	20		8	15			
		9	9	3	212	20		9	16			
		10	10	4				10	17			

**GENERAL NOTES**

Begin Drilling: 06-17-2004 Complete Drilling: 06-17-2004  
 Drilling Contractor: Groundbreaking Exploration Drill Rig: D-50 Turbo ATV  
 Driller: G&E Logger: B. Fugiel Checked by: \_\_\_\_\_  
 Drilling Method: 3.25-in. ID HSA; Boring backfilled upon completion.

**WATER LEVEL DATA**

While Drilling: DRY  
 At Completion of Drilling: 6.71 m  
 Time After Drilling: NA  
 Depth to Water: NA

**BORING LOG RD-404** Page 1 of 1

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Client: American Consulting Engineers, LLC  
Project: FAI 80/94, I-294 to US 41  
Location: s13 T36N R10W & s29 T36N R15E

WEI Job No.: 255-08-04

Date: NGVD  
Elevation: 196.04 m  
North: 545266.13 m  
East: 392502.48 m  
Station: 120+909.54  
Offset: 4.56 RT

Profile Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample No.	SPT Values (blows/30 mm)	Q <sub>v</sub> (kPa)	Moisture Content (%)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample No.	R <sub>v</sub> Values (blows/30 mm)	Q <sub>v</sub> (kPa)	Moisture Content (%)
196.7	Dark brown SILTY CLAY LOAM	0						0				
	Medium stiff, brown SANDY CLAY LOAM	1	1	3	72	17		1	11	3	189	20
	Hard, brown and gray CLAY	2	2	3	811	16		2	12	3	157	21
	Stiff, black SILTY CLAY	3	3	3	166	35		3	13			
	Stiff to very stiff, brown and gray CLAY	4	4	3	228	21		4	14			
	Very stiff, brown CLAY	5	5	2	99	22		5	15			
	Stiff, gray CLAY	6	6	3	200	23		6	16			
	Stiff, gray CLAY	7	7	3	103	20		7	17			
	Medium dense, gray SILT	8	8	3	157	21		8	18			
	Stiff, gray CLAY	9	9	2	118	21		9	19			
		10	10	3	125	20		10	20			

**GENERAL NOTES**

Begin Drilling: 06-17-2004 Complete Drilling: 06-17-2004  
 Drilling Contractor: Groundbreaking Exploration Drill Rig: D-50 Turbo ATV  
 Driller: G&E Logger: B. Fugiel Checked by: \_\_\_\_\_  
 Drilling Method: 3.25-in. 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 RD-405** Page 1 of 1

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

Client: American Consulting Engineers, LLC  
Project: FAI 80/94, I-294 to US 41  
Location: s13 T36N R10W & s29 T36N R15E

WEI Job No.: 255-08-04

Date: NGVD  
Elevation: 197.85 m  
North: 545350.56 m  
East: 392505.57 m  
Station: 120+924.17  
Offset: 0.27 RT

Profile Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample No.	SPT Values (blows/30 mm)	Q <sub>v</sub> (kPa)	Moisture Content (%)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample No.	R <sub>v</sub> Values (blows/30 mm)	Q <sub>v</sub> (kPa)	Moisture Content (%)
197.8	Black SILTY CLAY LOAM	0						0				
	Stiff, brown CLAY with sand interbeds	1	1	2	168	18		1	11	3	133	23
	Medium dense to very dense, gray SANDY LOAM	2	2	3	207	16		2	12	3	133	22
	Stiff, black SILTY CLAY MC=28%	3	3	4	NP	12		3	13			
	Hard, brown and gray CLAY	4	4	5	405	18		4	14			
	Medium dense, brown SANDY LOAM	5	5	7	NP	20		5	15			
	Very stiff, brown CLAY	6	6	4	205	24		6	16			
	Stiff, gray CLAY	7	7	3	102	30		7	17			
	Medium dense, gray SILT	8	8	7	157	20		8	18			
	Stiff, gray CLAY	9	9	4				9	19			

**GENERAL NOTES**

Begin Drilling: 06-17-2004 Complete Drilling: 06-17-2004  
 Drilling Contractor: Groundbreaking Exploration Drill Rig: D-50 Turbo ATV  
 Driller: G&E Logger: B. Fugiel Checked by: \_\_\_\_\_  
 Drilling Method: 3.25-in. ID HSA;

**WATER LEVEL DATA**

While Drilling: 3.51 m  
 At Completion of Drilling: 7.62 m  
 Time After Drilling: 8 hours  
 Depth to Water: 3.66 m

DESIGNED	---
CHECKED	---
DRAWN	AES
CHECKED	PCA

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ILLINOIS DEPARTMENT OF TRANSPORTATION  
I-94/IL 394 SOUTH BOUND  
BORING LOG RD-403, RD-404  
& RD-405  
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**