

ALL DIMENSIONS IN METERS EXCEPT PAVEMENT ITEMS AND UNLESS NOTED OTHERWISE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	2626.2-R-2	COOK/LAKE	1207	539
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			
CONTRACT NO. 62114	INDOT DES. NO. 0100987			

**BORING NO. AR-069 (1 OF 1)**

**BORING NO. AR-070 (1 OF 1)**

**BORING NO. AR-071 (1 OF 1)**

Wang Engineering, INC. Consulting Geotechnical and Environmental Engineers  
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 Addison, IL 60101  
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**BORING LOG AR-069** Page 1 of 1  
 WEI Job No.: 255-08-01  
 Datum: USGS  
 Elevation: 180.86 m  
 North: 545487.19 m  
 East: 367054.47 m  
 Station: 74621.14  
 Offset: 21.73 RT

Client: American Consulting Engineers  
 Project: FAI 80/94, I-294 to US 41  
 Location: S13 T36N R10W & S29 R15E T36N

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	Sample Type	N Values (blows/150 mm)	Qu (kPa)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	Sample Type	N Values (blows/150 mm)	Qu (kPa)	Moisture Content (%)
184.6	Black SANDY LOAM														
	Very stiff, brown and gray SILTY CLAY		1	TOPSOIL	6	346	19								
	Very stiff, brown and gray SILTY CLAY														
173.9	Very stiff, brown CLAY		2		6	330	20								
173.0	Stiff, gray CLAY		3		6	149	19								
172.4	Medium dense, gray SILT		5		12	NP	19								
171.9	Stiff, gray CLAY		6		6	142	22								
171.4	Stiff, gray CLAY		7		6	157	20								
170.8	Boring terminated at 6.10 m		8		6	133	29								

**GENERAL NOTES**  
 Begin Drilling 10-04-2001 Complete Drilling 10-04-2001  
 Drilling Contractor TSC Drill Rig B-61  
 Driller G&F Logger B. Fugiel Checked by B. Fugiel  
 Drilling Method 2.75-in. HSA; Grouted upon completion

**WATER LEVEL DATA**  
 While Drilling  DRY  
 At Completion of Drilling  DRY  
 Time After Drilling NA  
 Depth to Water NA  
 The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.

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**BORING LOG AR-070** Page 1 of 1  
 WEI Job No.: 255-08-01  
 Datum: USGS  
 Elevation: 181.17 m  
 North: 545484.14 m  
 East: 367083.16 m  
 Station: 74650.31  
 Offset: 21.27 RT

Client: American Consulting Engineers  
 Project: FAI 80/94, I-294 to US 41  
 Location: S13 T36N R10W & S29 R15E T36N

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	Sample Type	N Values (blows/150 mm)	Qu (kPa)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	Sample Type	N Values (blows/150 mm)	Qu (kPa)	Moisture Content (%)
181.6	Black SANDY CLAY														
	Very stiff, brown and gray SILTY CLAY		1	TOPSOIL	6	144	20								
	Very stiff, brown and gray SILTY CLAY														
180.3	Very stiff, brown CLAY		2		6	283	18								
178.7	Stiff, gray CLAY		3		4	228	21								
177.1	Stiff, gray CLAY		4		6	157	19								
176.4	Medium dense, gray SILT		6		7	NP	19								
175.1	Stiff to very stiff, gray CLAY		7		6	142	20								
174.1	Medium dense, gray SILT		8		6	267	21								
173.1	Boring terminated at 6.10 m														

**GENERAL NOTES**  
 Begin Drilling 10-04-2001 Complete Drilling 10-04-2001  
 Drilling Contractor TSC Drill Rig B-61  
 Driller G&F Logger B. Fugiel Checked by B. Fugiel  
 Drilling Method 2.75-in. HSA; Grouted upon completion

**WATER LEVEL DATA**  
 While Drilling  DRY  
 At Completion of Drilling  DRY  
 Time After Drilling NA  
 Depth to Water NA  
 The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.

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**BORING LOG AR-071** Page 1 of 1  
 WEI Job No.: 255-08-01  
 Datum: USGS  
 Elevation: 181.30 m  
 North: 545419.24 m  
 East: 367108.15 m  
 Station: 74676.03  
 Offset: 22.76 RT

Client: American Consulting Engineers  
 Project: FAI 80/94, I-294 to US 41  
 Location: S13 T36N R10W & S29 R15E T36N

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	Sample Type	N Values (blows/150 mm)	Qu (kPa)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	Sample Type	N Values (blows/150 mm)	Qu (kPa)	Moisture Content (%)
181.6	Black SANDY LOAM TO LOAM														
	Very stiff, brown and gray SILTY CLAY		1	TOPSOIL	4	361	18								
	Very stiff, brown and gray SILTY CLAY														
180.4	Hard, brown CLAY		2		4	408	19								
178.9	Stiff, gray CLAY		3		6	385	17								
177.9	Stiff, gray CLAY		4		2	145	21								
175.5	Medium dense, gray SILT		5		2	142	20								
175.4	Medium stiff to stiff, gray CLAY		6		2	157	22								
174.4	Medium stiff to stiff, gray CLAY		7		3	142	18								
173.5	Medium dense, gray SILT		8		2	86	23								
172.4	Boring terminated at 6.86 m		9		2	118	24								

**GENERAL NOTES**  
 Begin Drilling 10-02-2001 Complete Drilling 10-02-2001  
 Drilling Contractor TSC Drill Rig B-61  
 Driller G&F Logger B. Fugiel Checked by B. Fugiel  
 Drilling Method 3.25-in. HSA; Grouted upon completion

**WATER LEVEL DATA**  
 While Drilling  DRY  
 At Completion of Drilling  DRY  
 Time After Drilling NA  
 Depth to Water NA  
 The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
 I-80/94/US 6  
 KINGERY-BORMAN EXPRESSWAY  
 BURNHAM ROAD TO US 41  
**NOISE ABATEMENT WALL  
 SOIL BORINGS**

SCALE NTS  
 DATE 07/05

DRAWN BY ACE/CAD  
 CHECKED BY TAE

**AMERICAN**  
 CONSULTING ENGINEERS

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