ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 80/94	2626.2-R-1	COOK	452	176
		ILLINOIS	FED. AID PROJECT-	

SHEET NO. S-12
12 SHEETS

CONTRACT NO. 62113 INDOT DES. NO. 0100987

BORING NO. AR-077 (1 OF 2)

Wang Engineering, INC.
Consulting Geotechnical and Environmental Engineers
wangeng3@wangeng.com
100 Fairbank Street
Addison, IL 60101
Telephone: 630 458-0700
Fax: 630 458-0900

BORING LOG AR-077

WEI Job No.: 255-08-01

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

Datum: USGS
Elevation: 182.19 m
North: 545425.73 m
East: 367353.62 m
Station: 7+930.56
Offset: 24.29 RT

Page 1 of 2

Elevation (m)	SOIL AND ROCK DESCRIPTION	Sample No.	N Values (blw/150 mm)	Qu (kPa)	Moisture Content (%)
182.18	Black SANDY LOAM --TOPSOIL--				
	Very stiff to hard, brown and gray SILTY CLAY --FILL--	1	7 4 6 7	456 S	21
		2	4 5 7	330 B	19
180.5	Very stiff to hard, brown CLAY	3	4 5 5	212 B	21
		4	3 4 6	432 B	19
178.6	Stiff gray CLAY	5	3 4 6	172 B	18
		6	2 3 4	189 B	18
		7	2 3 4	189 B	18
176.7	Stiff, gray SILTY CLAY	8	2 3 4	157 B	22
		9	2 2 3	125 B	18
175.2	Stiff to very stiff, gray CLAY	10	4 5 5	267 B	15
168.8	Very stiff to hard, gray SILTY CLAY	11	4 5 6	189 B	16
		12	3 4 7	220 B	15
		13	3 5 6	228 B	17
		14	4 5 7	228 B	19
		15	5 8 8	440 B	8
167.0		16	9 10 16	888 B	9

GENERAL NOTES

Begin Drilling 10-12-2001 Complete Drilling 10-12-2001
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.

BORING NO. AR-077 (2 OF 2)

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BORING LOG AR-077

WEI Job No.: 255-08-01

Client: American Consulting Engineers
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Page 2 of 2

Boring terminated at 15.24 m

GENERAL NOTES

Begin Drilling 10-12-2001 Complete Drilling 10-12-2001
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.

DESIGNED	MJW
CHECKED	KFA
DRAWN	MJB
CHECKED	GSP

ILLINOIS DEPARTMENT OF TRANSPORTATION
I-80/94/US 6
KINGERY-BORMAN EXPRESSWAY
BURNHAM ROAD TO US 41

BORING LOGS (2 OF 2)
SECTION 2626.2-R-1
COOK COUNTY
STATION 7+821.737 TO STATION 7+960.424
STRUCTURE NO. 016-W855

DATE 07/04

AMERICAN CONSULTING ENGINEERS