ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 80/94	2626.2-R-2	LAKE COUNTY, INDIANA	1207	940
		ILLINOIS	FED. AID PROJECT-	

SHEET NO. S-24
29 SHEETS

CONTRACT NO. 62114 INDOT DES. NO. 0100987

BORING NO. AR-300 (2 OF 2)

BORING LOG AR-300

Wang Engineering, INC.
Consulting Geotechnical and Environmental Engineers
wangeng3@wangeng.com
1145 Main Street
Lombard, IL 60148
Telephone: 630 953-9928
Fax: 630 953-9938

WEI Job No.: 255-08-08
Client: American Consulting Engineers
Project: FAI 80/94, I-294 to US 41
Location: s29 T36N R15E & s13 T36 R10W

Datum: NGVD
Elevation: 185.62 m
North: 545148.52 m
East: 368184.07 m
Station: 8+805
Offset: 22.7 RT

Elevation (m)	SOIL AND ROCK DESCRIPTION	Sample No.	SPT Values (blw/150 mm)	Qu (kPa)	Moisture Content (%)
		16	4 7 8	251 B	21
170.4	Boring terminated at 15.24 m				

Depth (m): 15, 16, 17, 18, 19, 20, 21

GENERAL NOTES

Begin Drilling 07-24-2003 Complete Drilling 07-24-2003
Drilling Contractor TSC Drill Rig CME 75
Driller C&A Logger J. Kasnick Checked by B. Fugiel
Drilling Method 3.25-in ID HSA; Boring backfilled upon final water reading

WATER LEVEL DATA

While Drilling ∇ 2.67 m
At Completion of Drilling ▼ 9.37 m
Time After Drilling NA
Depth to Water ∇ NA
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.

WANGENGINC 2550808.GPJ WANGENG.GDT 4/21/04

BORING NO. AR-301 (1 OF 2)

BORING LOG AR-301

Wang Engineering, INC.
Consulting Geotechnical and Environmental Engineers
wangeng3@wangeng.com
1145 Main Street
Lombard, IL 60148
Telephone: 630 953-9928
Fax: 630 953-9938

WEI Job No.: 255-08-08
Client: American Consulting Engineers
Project: FAI 80/94, I-294 to US 41
Location: s29 T36N R15E & s13 T36 R10W

Datum: NGVD
Elevation: 183.43 m
North: 545126.84 m
East: 368274.25 m
Station: 8+897.03
Offset: 25.64 RT

Elevation (m)	SOIL AND ROCK DESCRIPTION	Sample No.	SPT Values (blw/150 mm)	Qu (kPa)	Moisture Content (%)
183.4	76-mm thick GRAVEL --SHOULDER AGGREGATE--				
	Stiff to very stiff, black, brown, and gray SILTY CLAY with interbedded sand seams --FILL--	1	3 4 5	103 S	14
		2	3 4 5	216 P	16
		3	3 4 6	204 B	23
180.7	Stiff to very stiff, brown and gray CLAY	4	5 7 9	165 B	14
		5	5 5 9	165 B	23
		6	5 6 9	299 B	22
178.7	Stiff to very stiff, gray CLAY	7	6 5 8	181 B	21
		8	4 5 7	181 B	21
176.7	Very stiff, gray SILTY CLAY	9	5 6 12	204 B	19
		10	9 9 10	338 B	18
		11	6 9 14	354 B	19
175.1	Medium dense, gray SILT				
174.9	Very stiff, gray SILTY CLAY	12	7 7 8	260 B	16
173.8	Very stiff, gray CLAY	13	6 9 13	354 B	20
		14	5 6 6	322 B	21
		15	6 6 8	228 B	22
		16	5 6 8	260 B	22

Depth (m): 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15

GENERAL NOTES

Begin Drilling 07-29-2003 Complete Drilling 07-29-2003
Drilling Contractor TSC Drill Rig CME 75
Driller C&A Logger J. Kasnick Checked by B. Fugiel
Drilling Method 3.25-in ID HSA; Boring backfilled upon final water reading

WATER LEVEL DATA

While Drilling ∇ 1.98 m
At Completion of Drilling ▼ DRY
Time After Drilling 24 hours
Depth to Water ▼ 10.06 m
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.

WANGENGINC 2550808.GPJ WANGENG.GDT 4/21/04

BORING NO. AR-301 (2 OF 2)

BORING LOG AR-301

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WEI Job No.: 255-08-08
Client: American Consulting Engineers
Project: FAI 80/94, I-294 to US 41
Location: s29 T36N R15E & s13 T36 R10W

Datum: NGVD
Elevation: 183.43 m
North: 545126.84 m
East: 368274.25 m
Station: 8+897.03
Offset: 25.64 RT

Elevation (m)	SOIL AND ROCK DESCRIPTION	Sample No.	SPT Values (blw/150 mm)	Qu (kPa)	Moisture Content (%)
		17	6 10 12	346 B	20
166.7	Boring terminated at 16.76 m				

Depth (m): 16, 17, 18, 19, 20, 21, 22

GENERAL NOTES

Begin Drilling 07-29-2003 Complete Drilling 07-29-2003
Drilling Contractor TSC Drill Rig CME 75
Driller C&A Logger J. Kasnick Checked by B. Fugiel
Drilling Method 3.25-in ID HSA; Boring backfilled upon final water reading

WATER LEVEL DATA

While Drilling ∇ 1.98 m
At Completion of Drilling ▼ DRY
Time After Drilling 24 hours
Depth to Water ▼ 10.06 m
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.

WANGENGINC 2550808.GPJ WANGENG.GDT 4/21/04

DESIGNED	KFA
CHECKED	BPS
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 7)
SECTION 2626.2-R-2
LAKE COUNTY, INDIANA
STATION 8+774.073 TO STATION 9+227.203
STRUCTURE NO. 016-W861

DATE 09/05

AMERICAN CONSULTING ENGINEERS