F.A. ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		LAKE	121	83
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. XXXXX

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

BORING LOG RD-05

WEI Job No.: 555-12-01

Client: **IDOT Project No. D-91-336-06,**

Project: **FAP 330 [IL21 to US45] Inverrary Ln to Deerfield Rd**

Location: **Village of Buffalo Grove, Lake County IL**

Datum: NGVD
Elevation: 196.78 m
North: 610548.89 m
East: 334060.38 m
Station: 10+251.47
Offset: 5.25L

Profile	Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample Type / recovery	Sample No.	SPT Values (blw/150 mm)	Qu (kPa)	Moisture Content (%)
	196.7	10.16 centimeter thick ASPHALT --PAVEMENT--						
		50.8 centimeter thick CONCRETE --CONCRETE--						
	196.2	Very stiff, black to brown SANDY CLAY LOAM --FILL--	1		1	5 4 5 5	287 P	16
	195.6	Medium dense, brown GRAVELLY SAND	2		2	3 5 5 6	NP	8
			3		3	8 12 15 16	NP	4
			4		4	6 15 13 13	NP	11
			5		5	8 13 14 11	NP	12
	193.1	Boring terminated at 3.66 m						

Profile	Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample Type / recovery	Sample No.	SPT Values (blw/150 mm)	Qu (kPa)	Moisture Content (%)

GENERAL NOTES

Begin Drilling: **03-09-2007** Complete Drilling: **03-09-2007**
Drilling Contractor: **Precon** Drill Rig: **ATV**
Driller: **K&W** Logger: **Y. Shiu** Checked by: **E.D.**
Drilling Method: **3.25", ID HSA, Boring backfilled with cuttings**

WATER LEVEL DATA

While Drilling ▽ 2.44 m
At Completion of Drilling ▼
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 555121 GPJ WANGENG GDT 5-4-07

BORING LOG RW-03

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.: 555-12-01

Client: **IDOT Project No. D-91-336-06,**

Project: **FAP 330 [IL21 to US45] Inverrary Ln to Deerfield Rd**

Location: **Village of Buffalo Grove, Lake County IL**

Datum: NGVD
Elevation: 196.96 m
North: 610588.94 m
East: 334051.45 m
Station: 10+292.50
Offset: 5.05L

Profile	Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample Type / recovery	Sample No.	SPT Values (blw/150 mm)	Qu (kPa)	Moisture Content (%)
	196.9	10.16 centimeter thick CONCRETE --PAVEMENT--						
	196.6	20.4 centimeter thick CRUSHED STONE --BASE COURSE--						
		Medium stiff, black CLAY LOAM --FILL--			1	3 4 5	72 P	23
	196.0	Medium dense, brown, GRAVELLY SAND	1		2	4 6 7	NP	5
			2		3	8 13 12	NP	6
			3		4	8 12 12	NP	10
			4		5	4 9 7	NP	11
	193.0	Stiff, gray CLAY	4		6	3 4 7	189 B	26
	192.4	Boring terminated at 4.57 m	5					

Profile	Elevation (m)	SOIL AND ROCK DESCRIPTION	Depth (m)	Sample Type / recovery	Sample No.	SPT Values (blw/150 mm)	Qu (kPa)	Moisture Content (%)

GENERAL NOTES

Begin Drilling: **03-09-2007** Complete Drilling: **03-09-2007**
Drilling Contractor: **Precon** Drill Rig: **ATV**
Driller: **K&W** Logger: **Y. Shiu** Checked by: **E.D.**
Drilling Method: **3.25", ID HSA, Boring backfilled with cuttings**

WATER LEVEL DATA

While Drilling ▽ 2.44 m
At Completion of Drilling ▼ 3.96 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 555121 GPJ WANGENG GDT 5-4-07

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

RETAINING WALL
SOIL BORING LOGS

US 45/IL RTE. 21 OVER
APTAKISIC CREEK

DATE: 11-27-07

DRAWN BY: M.S.M.
CHECKED BY: S.D.H.

GRAEF, ANHALT, SCHLOEMER & ASSOCIATES, INC.
CHICAGO, ILLINOIS

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11/27/2007