

Wang Engineering
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BORING LOG 53LB-07
 WEI Job No.: 456-01-01
 Client: **ABNA of Illinois, Inc.**
 Project: **IL Route 53 (Kohlwing Road), P1B 153/21**
 Location: **W 1/2 of Section 6, T40N R11E**

Datum: NGVD
 Elevation: 717.59 ft
 North: 1937361.01 ft
 East: 1066277.54 ft
 Station: 246+16.56
 Offset: 51.95 LT

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BORING LOG 53LB-08
 WEI Job No.: 456-01-01
 Client: **ABNA of Illinois, Inc.**
 Project: **IL Route 53 (Kohlwing Road), P1B 153/21**
 Location: **W 1/2 of Section 6, T40N R11E**

Datum: NGVD
 Elevation: 717.41 ft
 North: 1937355.27 ft
 East: 1066358.25 ft
 Station: 246+11.07
 Offset: 28.78 RT

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Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/in)	Qu (tsf)	Moisture Content (%)
722.5	22-25-inch thick black SILTY CLAY -TOPSOIL												
	Medium stiff to stiff, gray CLAY LOAM, with root fibers		1	6	1.25	16				11	6	2.78	22
	-FILL-												
			2	2	0.50	30				12	6	2.10	22
712.1	Very stiff, brown CLAY LOAM		3	7	2.54	19				13	5	4.84	18
			4	3	2.06	19				14	7	2.95	13
702.1	Very stiff, gray SILTY CLAY, trace gravel		5	4	3.36	18				15	7	3.91	21
			6	4	3.77	18				16	6	5.66	18
702.1	Stiff, gray CLAY, trace gravel		7	4	1.15	19				17	7	2.48	20
			8	2	1.56	18				18	3	2.62	18
692.1	Stiff to hard, gray SILTY CLAY, trace gravel		9	4	3.03	18				19	4	2.46	14
			10	3	2.87	16				20	4	2.46	14

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/in)	Qu (tsf)	Moisture Content (%)
660.8	Medium dense, brown SILT												
658.6	Very stiff, gray SILTY CLAY, trace gravel												
652.6	Boring terminated at 65.00 ft												

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/in)	Qu (tsf)	Moisture Content (%)
716.9	11-inch thick CONCRETE PAVEMENT												
	Medium dense, brown GRAVELLY LOAM		1	8	NP	5				11	2	1.85	19
	-BASE COURSE-												
	Very stiff, black CLAY LOAM		2	5	2.00	34				12	3	2.30	19
	-FILL-												
	Very stiff, brown CLAY LOAM, trace gravel		3	4	2.00	19				13	3	2.76	17
	-FILL-												
	Stiff to very stiff, brown CLAY LOAM, trace gravel		4	2	2.00	18				14	2	2.95	19
			5	3	1.97	20				15	3	3.03	17
			6	2	1.23	21				16	4	3.53	21
			7	2	2.05	18				17	3	2.95	19
			8	2	2.05	19				18	3	2.62	18
			9	3	2.62	18				19	3	2.62	18
			10	4	2.46	14				20	4	2.46	14
701.9	Very stiff, gray CLAY, trace gravel												
698.9	Stiff to hard, gray SILTY CLAY, trace gravel												

GENERAL NOTES
 Begin Drilling: 05-03-2010 Complete Drilling: 05-03-2010
 Drilling Contractor: WTS Drill Rig: D-50 ATV
 Driller: K&J Logger: F. Bozga Checked by: N. Davis
 Drilling Method: 3.25 IDA HSA; Boring backfilled upon completion;
 Diederich Auto Hammer

WATER LEVEL DATA
 While Drilling: 20.50 ft
 At Completion of Drilling: 20.00 ft
 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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 Drilling Contractor: WTS Drill Rig: D-50 ATV
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 Drilling Method: 3.25 IDA HSA; Boring backfilled upon completion;
 Diederich Auto Hammer

WATER LEVEL DATA
 While Drilling: 20.50 ft
 At Completion of Drilling: 20.00 ft
 Time After Drilling: NA
 Depth to Water: NA
 The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.

GENERAL NOTES
 Begin Drilling: 05-14-2010 Complete Drilling: 05-14-2010
 Drilling Contractor: WTS Drill Rig: D-50 ATV
 Driller: K&J Logger: F. Bozga Checked by: N. Davis
 Drilling Method: 3.25 IDA HSA; Boring backfilled upon completion;
 Diederich Auto Hammer

WATER LEVEL DATA
 While Drilling: 44.50 ft
 At Completion of Drilling: 55.00 ft
 Time After Drilling: NA
 Depth to Water: NA
 The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.

NOTE: Additional geotechnical information is available upon request from IDOT.

SOIL BORINGS V
STRUCTURE NO. 022-0012

PATRICK ENGINEERING
 PATRICK ENGINEERING INC.
 4970 VARSITY DRIVE
 LISLE, IL 60532
 patrickengineering.com

SHEET NO. SA32 OF SA37	F.A.P RTE. 2578	SECTION 532B	COUNTY DUPAGE	TOTAL SHEETS 781	SHEET NO. 636
	CONTRACT NO. 60477				
12/3/2010		ILLINOIS FED. AID PROJECT			