

**Wang Engineering**  
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**BORING LOG 53LB-04**  
 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: 715.26 ft  
 North: 1937097.50 ft  
 East: 1096294.17 ft  
 Station: 243+53.11  
 Offset: 34.50 LT

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Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blows/in)	CU (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blows/in)	CU (tsf)	Moisture Content (%)
715.26	12-inch thick stiff, black SILTY LOAM	0						715.26	LOAM, little gravel	0					
712.1	-TOPSOIL- Stiff, black SILTY CLAY LOAM -FILL-	1		1	6.0	1.50	22	712.1		1		6.0	1.15	20	
707.8	Stiff, black and brown, SILTY CLAY, trace organic matter -POSSIBLE FILL-	2		2	6.0	1.00	22	707.8		2		6.0	1.01	19	
704.6	Very soft, black ORGANIC SILTY CLAY	3		3	1.1	1.50	21	704.6		3		1.1	3.77	18	
704.6	Very soft, black PEAT	4		4	1.1	0.25	25	704.6		4		1.1	2.21	18	
699.8	Very soft, black and brown MUCK	5		5	0.0	0.25	459	699.8		5		0.0	2.21	18	
696.6	Very soft, dark gray SILTY CLAY	6		6	0.0	0.25	30.1	696.6		6		0.0	3.28	20	
693.4	Very soft, black PEAT	7		7	0.0	0.25	23	693.4		7		0.0	2.13	14	
691.3	Medium stiff, gray CLAY, trace gravel	8		8	2.2	0.82	17	691.3		8		2.2	4.02	15	
687.1	Stiff to hard, brown and gray SILTY CLAY to SILTY CLAY	9		9	3.4	1.72	17	687.1		9		3.4			

<b>GENERAL NOTES</b> Begin Drilling: 05-06-2010 Complete Drilling: 05-06-2010 Drilling Contractor: WTS Drill Rig: D-50 ATV Driller: K&F Logger: C. Mann Checked by: N. Davis Drilling Method: 3.25 IDA HSA; Boring backfilled upon completion; Dredrich Auto Hammer		<b>WATER LEVEL DATA</b> While Drilling: 10.00 ft At Completion of Drilling: 26.00 ft Time After Drilling: NA Depth to Water: NA <small>The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.</small>	
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 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: 715.26 ft  
 North: 1937097.50 ft  
 East: 1096294.17 ft  
 Station: 243+53.11  
 Offset: 34.50 LT

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Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blows/in)	CU (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blows/in)	CU (tsf)	Moisture Content (%)
687.1	Medium dense, brown coarse SAND, trace gravel	10		10	4.1	1.2	16	687.1		10		4.1	1.15	20	
682.7	Medium dense, gray, fine SAND to SANDY LOAM	11		11	6.7	1.2	19	682.7		11		6.7	1.01	19	
680.0	Medium dense, gray coarse SAND to GRAVELLY SAND	12		12	6.7	1.2	19	680.0		12		6.7	1.01	19	
682.7	Very stiff to hard, gray SILTY CLAY to SILTY CLAY LOAM, trace to little gravel	13		13	4.1	1.2	16	682.7		13		4.1	1.15	20	
678.1		14		14	3.3	1.2	26	678.1		14		3.3	2.21	18	
674.1		15		15	10.1	1.8	10	674.1		15		10.1	3.28	20	
670.1		16		16	5.0	1.3	14	670.1		16		5.0	2.13	14	

<b>GENERAL NOTES</b> Begin Drilling: 05-06-2010 Complete Drilling: 05-06-2010 Drilling Contractor: WTS Drill Rig: D-50 ATV Driller: K&F Logger: C. Mann Checked by: N. Davis Drilling Method: 3.25 IDA HSA; Boring backfilled upon completion; Dredrich Auto Hammer		<b>WATER LEVEL DATA</b> While Drilling: 10.00 ft At Completion of Drilling: 26.00 ft Time After Drilling: NA Depth to Water: NA <small>The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.</small>	
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**BORING LOG 53LB-05**  
 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: 712.60 ft  
 North: 1937165.31 ft  
 East: 1096243.57 ft  
 Station: 244+20.75  
 Offset: 85.31 LT

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Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blows/in)	CU (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blows/in)	CU (tsf)	Moisture Content (%)
712.6	7-inch thick brown SILTY CLAY -TOPSOIL-	0						712.6	Medium dense, SANDY LOAM	0					
707.6	Medium stiff to stiff, brown SILTY CLAY LOAM -FILL-	1		1	7.7	0.50	27	707.6	Medium dense, gray SANDY GRAVEL	1		6.8	1.15	20	
704.6	Medium stiff to stiff, gray CLAY LOAM	2		2	6.0	1.75	22	704.6	Very stiff, gray SILTY CLAY LOAM, trace gravel	2		8.12	1.01	19	
700.6		3		3	3.3	0.50	26	700.6		3		3.3	2.71	11	
696.6		4		4	0.0	1.72	19	696.6		4		0.0	2.21	18	
692.6		5		5	4.3	1.15	22	692.6		5		4.3	3.28	20	
688.6		6		6	2.2	1.80	23	688.6		6		2.2	2.13	14	
684.6		7		7	2.2	1.60	22	684.6		7		2.2	4.02	15	
680.6		8		8	3.4	1.80	22	680.6		8		3.4	1.15	20	
676.6		9		9	5.0	1.72	22	676.6		9		5.0	1.01	19	
672.6		10		10	4.0	1.72	22	672.6		10		4.0	3.36	17	

<b>GENERAL NOTES</b> Begin Drilling: 04-29-2010 Complete Drilling: 04-30-2010 Drilling Contractor: WTS Drill Rig: D-50 ATV Driller: K&F Logger: K. Mohammed Checked by: N. Davis Drilling Method: 3.25 IDA HSA; Boring backfilled upon completion; Dredrich Auto Hammer		<b>WATER LEVEL DATA</b> While Drilling: 4.00 ft At Completion of Drilling: - Time After Drilling: NA Depth to Water: NA <small>The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.</small>	
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NOTE: Additional geotechnical information is available upon request from IDOT.

**SOIL BORINGS III**  
**STRUCTURE NO. 022-0012**

SHEET NO. SA30 OF SA37	F.A.P RTE. 2578	SECTION 532B	COUNTY DUPAGE	TOTAL SHEETS 781	SHEET NO. 634
	CONTRACT NO. 60477				
12/3/2010		ILLINOIS FED. AID PROJECT			

**PATRICK ENGINEERING INC.**  
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