

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
353	(12&13)WRS-4	Will	608	472
SHEET NO. 10 13 SHEETS				
FED. ROAD DIST. NO. 7	BLANDING	FED. AID PROJECT-	Contract No. 62478	

Wang Engineering, Inc.
Consulting Geotechnical and Environmental Engineers
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1145 Main Street
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Telephone: 630 953-9928
Fax: 630 953-9938

BORING LOG CS-21 Page 1 of 2

WEI Job No.: 401-01-01

Datum: NGVD
Elevation: 695.00 ft
North: ft
East: ft
Station: 516+07
Offset: 136 RT

Client: **CivilTech Engineering, Inc**
Project: **US 30, Will Co. Illinois, IDOT D-91-218-02**
Location: **US 30, Will County, Illinois**

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	N Values (blow/ft)	Cu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	N Values (blow/ft)	Cu (tsf)	Moisture Content (%)	
695.8	15-inch thick, black, gravelly CLAY LOAM --TOPSOIL-- Medium stiff to stiff, brown to black CLAY, trace organic matter	0	1	2	1.75	26	695.3	Very loose to loose, brown SANDY LOAM	0	9	4	NP	12	
695.3		1	2	2	0.98	29	688.8	Very stiff to hard, gray CLAY	1	10	2	NP	14	
695.3		2	3	3			688.3		2	11	4	2.79	14	
695.3		3	3	3			685.3	Medium dense, gray SANDY LOAM	3	12	4	7	3.50	15
695.3		4	2	1	NP	27		4	13	7	6	7	18	
695.3		5	2	2	NP	17		5	14	2	4	4	14	
695.3		6	4	4	NP	14		6	15	4	4	4	14	
695.3		7	8	6	NP	11		7	16	3	1	0	NP	20
695.3		8	4	5	NP	17		8	17	0	0	4	NP	14

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	04-15-2003	Complete Drilling	04-15-2003	While Drilling	∇	43.50 ft	
Drilling Contractor	TSC	Drill Rig	CME 75 TMR	At Completion of Drilling	∇	11.00 ft	
Driller	C&J	Logger	A. Taylor	Time After Drilling		24 hours	
Drilling Method	3.25" ID HSA; Boring backfilled with bentonite chips upon completion			Depth to Water	∇	6.00 ft	

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BORING LOG CS-21 Page 2 of 2

WEI Job No.: 401-01-01

Datum: NGVD
Elevation: 695.00 ft
North: ft
East: ft
Station: 516+07
Offset: 136 RT

Client: **CivilTech Engineering, Inc**
Project: **US 30, Will Co. Illinois, IDOT D-91-218-02**
Location: **US 30, Will County, Illinois**

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	N Values (blow/ft)	Cu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	N Values (blow/ft)	Cu (tsf)	Moisture Content (%)
683.3	Loose to medium dense, brown SANDY LOAM to SAND	10	15	12	NP	16							
683.3		12	13	12									
683.3		15	16	0	0	4							
645.0	Boring terminated at 50.00 ft	50											

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	04-15-2003	Complete Drilling	04-15-2003	While Drilling	∇	43.50 ft	
Drilling Contractor	TSC	Drill Rig	CME 75 TMR	At Completion of Drilling	∇	11.00 ft	
Driller	C&J	Logger	A. Taylor	Time After Drilling		24 hours	
Drilling Method	3.25" ID HSA; Boring backfilled with bentonite chips upon completion			Depth to Water	∇	6.00 ft	

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BORING LOG CS-22 Page 1 of 1

WEI Job No.: 401-01-01

Datum: NGVD
Elevation: 697.50 ft
North: ft
East: ft
Station: 516+35
Offset: 116 RT

Client: **CivilTech Engineering, Inc**
Project: **US 30, Will Co. Illinois, IDOT D-91-218-02**
Location: **US 30, Will County, Illinois**

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	N Values (blow/ft)	Cu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	N Values (blow/ft)	Cu (tsf)	Moisture Content (%)	
697.5	4-inch thick ASPHALT over 8-inch thick CRUSHED STONE --PAVEMENT-- Loose, gray SANDY GRAVEL --FILL-- Stiff, black CLAY to CLAY LOAM --FILL--	0	1	4	1.20	34	683.5	Medium dense, brown and gray, medium to fine SAND	0	11	4	5	8	18
697.5		1	5	7	1.20	25	683.5		1	12	4	7	10	17
697.5		2	5	7	NP	27	683.5		2	13	11	12	14	17
697.5		3	1	2	NP	28	683.5		3	14	10	3	3	14
697.5		4	1	1	NP	28	681.0	Loose, gray LOAM to SILTY LOAM	4	10	3	3	3	14
697.5		5	4	4	NP	14	687.5	Boring terminated at 40.00 ft	5	10	3	3	3	14
697.5		6	4	5	NP	13								
697.5		7	6	7	1.64	14								
697.5		8	6	7	2.13	18								
697.5		9	3	1	NA	18								
697.5		10	4	4	1.80	16								

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	04-04-2003	Complete Drilling	04-04-2003	While Drilling	∇	8.50 ft	
Drilling Contractor	TSC	Drill Rig	CME 75 TMR	At Completion of Drilling	∇	9.00 ft	
Driller	C&M	Logger	S. Patel	Time After Drilling		NA	
Drilling Method	3.25" ID HSA; Boring backfilled with bentonite chips upon completion			Depth to Water	∇	NA	

DESIGNED	
CHECKED	
DRAWN	ASJ
CHECKED	SPK

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SOIL BORING LOGS CS-21 & CS-22
U.S. ROUTE 30 AND HILLSIDE ROAD OVER
TRIBUTARY TO HICKORY CREEK
F.A.P. ROUTE 353 SEC. (12&13)WRS-4
WILL COUNTY
STATION 520+20.00
STRUCTURE NO. 099-C027