

Wang Engineering
 wangeng@wangeng.com
 1145 N Main Street
 Lombard, IL 60148
 Telephone: 630 953-9928
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BORING LOG RWB-01
 WEI Job No.: 195-09-02
 Client: **Strand Associates, Inc.**
 Project: **IL-171 at Willow Springs Road (Gilbert Avenue)**
 Location: **Willow Springs, IL**

Datum: NGVD
 Elevation: 616.20 ft
 North: 1845374.99 ft
 East: 1108630.11 ft
 Station: 501+74.8
 Offset: 25.4 LT

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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 (%)
615.3	10.5-inch thick CONCRETE --PAVEMENT--												
	Loose, brown SILTY LOAM --FILL--	1	4	5	NP	15			11	4	7	NP	25
		2	4	3	NP	21			12	8	18	NP	23
610.7	Medium stiff, brown SILTY CLAY LOAM, trace gravel --FILL--	3	2	2	0.50 P	20	588.2	Boring terminated at 30.00 ft					
605.7	Loose, brown SANDY LOAM, trace gravel and brick fragments --FILL--	5	2	4	NP	14							
603.2	Medium dense to dense, brown, fine SAND	6	4	9	NP	5							
		7	8	10	NP	3							
		8	8	8	NP	24							
		9	5	5	NP	23							
		10	3	4	NP	25							

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	03-22-2013	Complete Drilling	03-22-2013	While Drilling	▽	20.00 ft	
Drilling Contractor	Wang Testing Services	Drill Rig	D-50 TMR	At Completion of Drilling	▽	22.00 ft	
Driller	K&K	Logger	F. Bozga	Time After Drilling	NA		
Drilling Method	3.25" HSA, Auto Hammer, Boring backfilled upon completion			Depth to Water	▽	NA	
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.							

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BORING LOG RWB-1A
 WEI Job No.: 195-09-04
 Client: **Strand**
 Project: **IL 171 at Willow Spring Road**
 Location: **SE 1/4 of Sec. 32, T38N, R12E of 3rd PM**

Datum: NGVD
 Elevation: 615.42 ft
 North: 1845368.43 ft
 East: 1108634.39 ft
 Station: 501+67.1
 Offset: 26.4 LT

Page 1 of 2

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 (%)
614.6	9.5 inch thick CONCRETE PAVEMENT												
	--BLIND DRILLING 0-33.5--												
		5											
	--WET CUTTINGS AT 30'--												
581.9	Loose to medium dense, gray medium to coarse SAND, trace gravel --WET--	1	3	4	NP	22							
		2	5	5	NP	16							
	--HEAVING SAND-- --MUD ROTARY AFTER 40'--												
		3	3	5	NP	13							
		4	5	6	NP	7							
568.9	Very dense, gray SILTY LOAM, some gravel and rock fragments --WET--												

GENERAL NOTES				WATER LEVEL DATA				
Begin Drilling	01-16-2014	Complete Drilling	01-16-2014	While Drilling	▽	30.00 ft		
Drilling Contractor	Wang Testing Services	Drill Rig	CME-55	At Completion of Drilling	▽	21.00 ft		
Driller	R&N	Logger	B. Wilson	Time After Drilling	NA			
Checked by	AZH	Drilling Method	Blind drilled to 33.5 ft, 5 ft interval to bedrock			Depth to Water	▽	NA
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.								

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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 (%)
559.9	--ROLLER BIT REFUSAL AT 55.5'--												
	Boring terminated at 55.50 ft												
		5	29	34	NP	10							

GENERAL NOTES				WATER LEVEL DATA				
Begin Drilling	01-16-2014	Complete Drilling	01-16-2014	While Drilling	▽	30.00 ft		
Drilling Contractor	Wang Testing Services	Drill Rig	CME-55	At Completion of Drilling	▽	21.00 ft		
Driller	R&N	Logger	B. Wilson	Time After Drilling	NA			
Checked by	AZH	Drilling Method	Blind drilled to 33.5 ft, 5 ft interval to bedrock			Depth to Water	▽	NA
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.								

FILE NAME = SA_IL_171_63200-6395346_052_Micros\CAD_Sheets\Structure\Retaining Wall\60N22-sh-100-SBL.dgn



1170 SOUTH HOUBOLT ROAD
 JOLIET, ILLINOIS 60431
 (815) 744-4200
 IDFFR NO. 184-001273

USER NAME = brianf	DESIGNED - KJL	REVISOR
PLOT SCALE =	CHECKED - RRD	REVISION
PLOT DATE = 2/25/2014	DRAWN - BJF	REVISION
	CHECKED - RRD	REVISION

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOG (1 OF 3)
STRUCTURE NO. 016-2015
 SHEET NO. 10 OF 12 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2697	B-N-5	COOK	129	84
CONTRACT NO. 60T24				
ILLINOIS FED. AID PROJECT				