

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BORING LOG PB-1 Page 1 of 2

Wang Engineering, Inc.
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1145 Main Street
Lombard, IL 60148
Telephone: 630 953-9928
Fax: 630 953-9938

Client: **McDonough Associates**
Project: **Pedestrian Bridge Over US 45**
Location: **Orland Park, IL**

WEI Job No.: 201-35-01
Datum: NGVD
Elevation: 677.50 ft
North: ft
East: ft
Station:
Offset:

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/in)	Cu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/in)	Cu (tsf)	Moisture Content (%)
678.5	12-inch thick ASPHALT --PAVEMENT--						652.0	Very stiff, gray SILTY CLAY, trace gravel					
678.5	Medium dense, brown GRAVELLY SAND --BASE COURSE--	1	7	5	NP	3			11	35	8	2.05	11
675.5	Very stiff, brown and gray CLAY --FILL--	2	6	5	3.25	15			12	22	9	2.25	12
672.0	Medium dense, brown SANDY LOAM, some gravel --FILL--	3	5	4	NP	15			13	22	15	2.50	16
669.5	Very stiff, brown CLAY LOAM, little gravel	4	26	16	2.50	14			14	19	8	NP	23
667.0	Soft to stiff, gray, gravelly CLAY LOAM	5	12	3	0.25	16			15	13	7	NP	17
	--HARD DRILLING-- --ROCK FRAGMENTS IN THE TIP OF SPOON--	6	39	20	7	15			16	15	8	NP	17
	--ROCK FRAGMENTS IN THE TIP OF SPOON--	7	18	5	0.75	16			17	13	4	NP	20
	--ROCK FRAGMENTS IN THE TIP OF SPOON--	8	21	9	7	12			18	10	5	NP	24
		9	23	14	1.00	12			19	14	5	NP	24
		10	24	10	1.75	13			20	19	14	NP	24

GENERAL NOTES		WATER LEVEL DATA	
Begin Drilling	05-26-2009	Complete Drilling	05-26-2009
Drilling Contractor	WTS	Drill Rig	Mobile B-57 TMR
Driller	J & K	Logger	F. Bozga
Checked by	S. Sugiarto	Depth to Water	NA
Drilling Method	4.25 IDA HSA; Boring backfilled upon completion	At Completion of Drilling	DRY
		Time After Drilling	NA
		Depth to Water	NA

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Client: **McDonough Associates**
Project: **Pedestrian Bridge Over US 45**
Location: **Orland Park, IL**

WEI Job No.: 201-35-01
Datum: NGVD
Elevation: 677.50 ft
North: ft
East: ft
Station:
Offset:

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/in)	Cu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/in)	Cu (tsf)	Moisture Content (%)
677.0	24-inch thick, brown CLAY LOAM --TOPSOIL--						652.0	--HARD DRILLING--					
674.5	Very stiff, brown and gray CLAY, trace sand and gravel --FILL--	1	6	5	2.00	13			11	14	13	NP	24
	Medium stiff to stiff, brown and gray SILTY CLAY	2	4	4	0.74	14			12	8	4	NP	20
		3	10	5	0.75	14			13	6	9	NP	23
		4	7	3	1.00	14			14	7	9	NP	19
		5	5	2	1.23	13			15	7	7	NP	20
		6	3	3	1.75	13			16	6	6	NP	24
		7	8	9	1.1	11			17	7	7	NP	20
659.5	Medium dense, gray SILT	8	4	5	NP	13			18	7	7	NP	20
657.0	Medium stiff, gray SILTY CLAY LOAM	9	2	3	0.82	13			19	14	5	NP	24
654.5	Medium dense, gray SANDY LOAM --ROCK FRAGMENTS IN THE TIP OF SPOON--	10	19	14	NP	13			20	19	14	NP	24

GENERAL NOTES		WATER LEVEL DATA	
Begin Drilling	05-19-2009	Complete Drilling	05-26-2009
Drilling Contractor	WTS	Drill Rig	Mobile B-57 TMR
Driller	J & K	Logger	S. Sugiarto
Checked by	S. Sugiarto	Depth to Water	23.00 ft
Drilling Method	4.25 IDA HSA; Boring backfilled upon completion	At Completion of Drilling	WASH
		Time After Drilling	NA
		Depth to Water	NA

BORING LOG PB-3 Page 1 of 2

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Telephone: 630 953-9928
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Client: **McDonough Associates**
Project: **Pedestrian Bridge Over US 45**
Location: **Orland Park, IL**

WEI Job No.: 201-35-01
Datum: NGVD
Elevation: 691.00 ft
North: ft
East: ft
Station:
Offset:

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/in)	Cu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/in)	Cu (tsf)	Moisture Content (%)
696.92	12-inch thick ASPHALT --PAVEMENT--						665.5	Medium dense, gray SILT to SILTY LOAM					
696.92	Very stiff to hard, brown and gray CLAY --FILL--	1	3	6	4.51	19			11	3	4	NP	11
		2	4	4	5.66	22			12	4	4	NP	13
		3	3	3	2.30	22			13	11	5	NP	20
		4	2	5	4.02	18			14	7	3	NP	25
	Stiff, gray, gravelly CLAY LOAM	5	3	4	1.23	13			15	12	6	NP	25
	Possible cobbles and boulders --HARD DRILLING--	6	2	4	1.80	13			16	12	17	NP	23
	--ROCK FRAGMENTS IN THE TIP OF SPOON--	7	46	22	8	13			17	13	13	NP	23
	Medium dense, gray SANDY LOAM	8	15	5	1.64	13			18	12	17	NP	23
		9	7	6	NP	19			19	17	13	NP	23

GENERAL NOTES		WATER LEVEL DATA	
Begin Drilling	04-23-2009	Complete Drilling	04-23-2009
Drilling Contractor	WTS	Drill Rig	Mobile B-57 TMR
Driller	J & K	Logger	F. Bozga
Checked by	S. Sugiarto	Depth to Water	24.00 ft
Drilling Method	4.25 IDA HSA; Boring backfilled upon completion	At Completion of Drilling	20.00 ft
		Time After Drilling	NA
		Depth to Water	NA

DESIGNED	AMV
CHECKED	JCE
DRAWN	AMV
CHECKED	JCE

SOIL BORING LOGS
STRUCTURE NO. 016-7702

SHEET NO. 12	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	330	73 R-B	COOK	136	89
12 SHEETS	CONTRACT NO. 60K64		DATE: 12/17/10		
ILLINOIS FED. AID PROJECT					

McDonough Associates Inc.
Engineers / Architects
130 East Randolph Street Chicago, Illinois 60601