

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Wang Engineering, Inc.
Consulting Geotechnical and Environmental Engineers
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BORING LOG R-1
WEI Job No.: 201-35-01
Client: McDonough Associates
Project: Pedestrian Bridge Over US 45
Location: Orland Park, IL

Datum: NGVD
Elevation: 691.50 ft
North: ft
East: ft
Station:
Offset:

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Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blows/in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blows/in)	Qu (tsf)	Moisture Content (%)
690.97	7-inch thick, black CLAY LOAM --TOPSOIL-- Stiff to hard, brown and gray CLAY	1	P	1	3	1.75	26								
	--FILL--	2	B	2	2	1.80	22								
		3	B	3	2	1.64	26								
		4	B	4	6	3.28	21								
		5	B	5	7	4.51	21								
681.5		10													
Boring terminated at 10.00 ft															

GENERAL NOTES
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
Drilling Method 4.25 IDA HSA; Boring backfilled upon completion

WATER LEVEL DATA
While Drilling DRY
At Completion of Drilling DRY
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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BORING LOG R-2
WEI Job No.: 201-35-01
Client: McDonough Associates
Project: Pedestrian Bridge Over US 45
Location: Orland Park, IL

Datum: NGVD
Elevation: 678.50 ft
North: ft
East: ft
Station:
Offset:

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Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blows/in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample Type	Sample No.	SPT Values (blows/in)	Qu (tsf)	Moisture Content (%)
678.06	6-inch thick, black CLAY LOAM --TOPSOIL-- Stiff, brown CLAY LOAM	1	P	1	7	1.75	21								
	--FILL--	2	B	2	3	NP	30								
	Loose, black and brown SANDY LOAM, little gravel	3	B	3	3	NP	30								
	--FILL--	4	B	4	2	1.75	16								
	Stiff, dark gray CLAY, trace sand and sinder	5	B	5	2	1.00	27								
	--FILL--	6	B	6	0	1.25	19								
671.0	Medium stiff to stiff, black SILTY CLAY	7	B	7	2	NP	16								
	--BURIED TOPSOIL--	8	B	8	2	NP	17								
	Stiff, dark gray CLAY LOAM, trace sand interbeds	9	B	9	3	2.21	20								
		10	B	10	2	1.97	21								
		11	B	11	3	2.00	17								
665.5	Loose to medium dense, gray GRAVELLY SAND	12	B	12	5	NP	13								
		13	B	13	3	NP	17								
		14	B	14	4	NP	17								
		15	B	15	2	NP	16								
		16	B	16	4	NP	17								
		17	B	17	2	NP	17								
		18	B	18	2	NP	17								
		19	B	19	2	NP	17								
		20	B	20	3	2.21	20								
		21	B	21	2	1.97	21								
		22	B	22	4	NP	16								
		23	B	23	2	NP	16								
		24	B	24	2	NP	16								
		25	B	25	3	2.00	17								
654.5	Loose to medium dense, gray SANDY LOAM	26	B	26	4	NP	16								
Boring terminated at 30.00 ft															

GENERAL NOTES
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
Drilling Method 4.25 IDA HSA; Boring backfilled upon completion

WATER LEVEL DATA
While Drilling 14.00 ft
At Completion of Drilling 11.00 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.

DESIGNED AMV
CHECKED JCE
DRAWN AMV
CHECKED JCE

SOIL BORING LOGS
STRUCTURE NO. 016-7702

SHEET NO. 11 12 SHEETS	F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	330	73 R-B	COOK	136	88
DATE: 12/17/10			CONTRACT NO. 60K64		
ILLINOIS			FED. AID PROJECT		

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