**BORING LOG 3SW-2B-3**

WEI Job No.: 201-40-01

Datum: NGVD

Client: McDonough Associates Inc.
Project: US 45, Segment 3
Location: Ret. Wall 016-2006, Cook Co., ILElevation: 634.44 ft
North: 1812014.00 ft
East: 1115205.63 ft
South: 310454.00 ft
Offset: 19.77 LT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	Soil No.	SPT Blows (60 lbs)	Moisture Content (%)	Classification	Notes
634.44	16-inch thick ASPHALT -PAVEMENT-	0.00						
634.44	2-inch thick CRUSHED STONE -BASE COURSE-	0.00						
634.44	Stiff to hard, brown SILTY CLAY LOAM, little gravel	0.00						
634.44	-FILL-	0.00						
634.44	-HARD DRILLING--	0.00						
634.44	Stiff, black CLAY LOAM	0.00						
634.44	-BURIED TOPSOIL-	0.00						
634.44	Medium stiff, brown and gray SILTY CLAY LOAM, trace roots	0.00						
634.44	Loose, gray SANDY LOAM, trace gravel	0.00						
634.44	Medium stiff to very stiff, gray SILTY CLAY LOAM, little gravel	0.00						

GENERAL NOTES

Begin Drilling: 10-12-2010
 Drilling Contractor: K&S
 Driller: T&M
 Logging: B. Wilson
 Checked by: C. Marin
 Drilling Method: 3.25" IDA HSA; Boring backfilled upon completion.

WATER LEVEL DATA

Water Drilling: 21.00 ft
 At Completion of Drilling: 10.00 ft
 Time After Drilling: NA
 Depth to Water: NA

**BORING LOG 3SW-2B-4**

WEI Job No.: 201-40-01

Datum: NGVD

Client: McDonough Associates Inc.
Project: US 45, Segment 3
Location: Ret. Wall 016-2006, Cook Co., ILElevation: 637.61 ft
North: 1812014.00 ft
East: 1115205.63 ft
South: 311445.00 ft
Offset: 36.32 LT

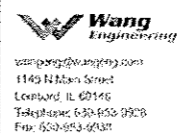
Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	Soil No.	SPT Blows (60 lbs)	Moisture Content (%)	Classification	Notes
637.61	12-inch thick ASPHALT	0.00						
637.61	8-inch thick CRUSHED STONE -BASE COURSE-	0.00						
637.61	Medium dense, brown SILTY LOAM, some gravel	0.00						
637.61	-FILL-	0.00						
637.61	Very stiff to hard, dark brown SILTY CLAY LOAM, some gravel	0.00						
637.61	-FILL-	0.00						
637.61	-HARD DRILLING (5' to 10')- -PEBBLY-	0.00						
637.61	Loose, gray GRAVELLY SANDY LOAM	0.00						
637.61	Stiff, brown GRAVELLY SILTY CLAY	0.00						
637.61	Loose, brown SANDY LOAM, some gravel	0.00						
637.61	Stiff to very stiff, brown to gray SILTY CLAY LOAM, little gravel	0.00						

GENERAL NOTES

Begin Drilling: 10-11-2010
 Drilling Contractor: K&S
 Driller: T&M
 Logging: C. Marin
 Checked by: A. Kurnia
 Drilling Method: 3.25" IDA HSA; Boring backfilled upon completion.

WATER LEVEL DATA

Water Drilling: DRY
 At Completion of Drilling: DRY
 Time After Drilling: NA
 Depth to Water: NA

**BORING LOG 3SW-2B-5**

WEI Job No.: 201-40-01

Datum: NGVD

Client: McDonough Associates Inc.
Project: US 45, Segment 3
Location: Ret. Wall 016-2006, Cook Co., ILElevation: 669.82 ft
North: 1812014.00 ft
East: 1115205.63 ft
South: 312453.19 ft
Offset: 33.15 LT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	Soil No.	SPT Blows (60 lbs)	Moisture Content (%)	Classification	Notes
669.82	12-inch thick ASPHALT	0.00						
669.82	8-inch thick CRUSHED STONE -BASE COURSE-	0.00						
669.82	Very soft to hard, dark brown and gray SILTY CLAY LOAM, trace to little gravel	0.00						
669.82	-FILL-	0.00						
669.82	Hard, brown and gray SILTY CLAY LOAM, little gravel	0.00						
669.82	Brown SILT	0.00						
669.82	Stiff to very stiff, brown SILTY CLAY LOAM, trace gravel	0.00						
669.82	Loose, brown SANDY LOAM, some gravel	0.00						
669.82	Stiff to very stiff, brown to gray SILTY CLAY LOAM, little gravel	0.00						
669.82	Medium dense, brown, fine to medium SAND, moist	0.00						
669.82	Stiff, gray SILTY CLAY	0.00						
669.82	Dark gray, fine to medium SAND	0.00						
669.82	Very stiff, gray SILTY CLAY	0.00						

GENERAL NOTES

Begin Drilling: 10-11-2010
 Drilling Contractor: K&S
 Driller: T&M
 Logging: C. Marin
 Checked by: A. Kurnia
 Drilling Method: 3.25" IDA HSA; Boring backfilled upon completion.

WATER LEVEL DATA

Water Drilling: DRY
 At Completion of Drilling: DRY
 Time After Drilling: NA
 Depth to Water: NA

URS
 100 S. WACKER DR.
 SUITE 500
 CHICAGO, IL 60606
 TEL: (312) 919-0000
 FAX: (312) 919-4198

FILE NAME: 0162006-60M62-021-bor.dgn

USER NAME: arashan_khan
 PLOT SCALE: 1/8" = 2'-0.0000"
 PLOT DATE: 4/11/2013

DESIGNED - WEI
 CHECKED - AMK
 DRAWN - AMV
 CHECKED - AMK

REVISED - 04/12/2013 P.M.H.
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SOIL BORINGS 12
 STRUCTURE NO. 016-2006

SHEET NO. 21 OF 21 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	103R-5	COOK	778	461
CONTRACT NO. 60M62				
ILLINOIS FED. AID PROJECT				