

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Testing Service Corporation
Page 1 of 2
STRUCTURE BORING LOG
Date Started 7/17/09
Date Completed 7/17/09

ROUTE DESCRIPTION Bridge & Culvert
SECT. STRUCT. NO.
COUNTY McHenry LOCATION Edgewood Drive S. 33SE, TWP. 43N, RNG. 8E

Boring No. 1
Station
Offset
Surface Elev. 751.00 ft

DEPT H S Qu W
B L O W S Qu W %
T H S Qu W %

Surface Water Elev. _____
Groundwater Elev.: 718.0
when drilling 721.0
at Completion
after Hrs.

FILL - Black clayey TOPSOIL (OL) 750.00 2 3.1
FILL - Brown SAND and GRAVEL, moist (SP/GP) A-1-a 749.00 1 17.9
FILL - Brown clayey SAND, trace gravel, very moist (SC) A-2-4 748.00 2 24.8
FILL - Dark brown silty CLAY, little sand, trace gravel, very moist (CL) A-7-6 745.50 4 30.7
FILL - Black silty CLAY, little sand, very moist (CL/CH) A-7-6 743.00 4 9.8
FILL - Brown and gray silty SAND and GRAVEL, moist (SM/GM) A-2-4 740.50 9 11.0
Hard to very stiff brown silty CLAY, little sand and gravel, moist (CL) A-6 735.00 11 10.4
Very stiff brown and gray silty CLAY, little sand and gravel, moist (CL) A-6 709.00 4 11.5
Firm gray SAND and GRAVEL, wet (SP/GP) A-1-a 707.00 6 7.2
Firm brown and gray clayey SAND, trace gravel, very moist (SC) A-4 704.00 6 13.8
Stiff to very stiff gray silty CLAY, little sand and gravel, very moist to moist (CL) A-6 703.00 4 13.4

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test
Stations, Depths, Offset, and Elevations are in Feet

Testing Service Corporation
Page 2 of 2
STRUCTURE BORING LOG
Date Started 7/17/09
Date Completed 7/17/09

STRUCTURE NO. _____
ROUTE
SECTION
COUNTY McHenry

Boring No. 1
Station
Offset
Elevation 701.00 ft

DEPT H S Qu W
B L O W S Qu W %
T H S Qu W %

[continued]
Stiff to very stiff gray silty CLAY, little sand and gravel, very moist to moist (CL) A-6
Dense to very dense brown and gray silty SAND, little gravel, moist (SM) A-2-4

End of Boring at 75.0' 676.00 56 5.6

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ROUTE DESCRIPTION Bridge & Culvert
SECT. STRUCT. NO.
COUNTY McHenry LOCATION Edgewood Drive S. 33SE, TWP. 43N, RNG. 8E

Boring No. 2
Station
Offset
Surface Elev. 752.00 ft

DEPT H S Qu W
B L O W S Qu W %
T H S Qu W %

Surface Water Elev. _____
Groundwater Elev.: 736.5
when drilling 724.0
at Completion
after Hrs.

5" Bituminous Concrete 751.00
FILL - SAND and GRAVEL 750.00 9 5.2
FILL - Brown SAND and GRAVEL, moist (SP/GP) A-1-a 749.00 2 44.0
Soft Black clayey TOPSOIL, very moist (OL) A-7-6 746.50 13 11.2
Very stiff brown silty CLAY, little sand and gravel, moist (CL) A-6 744.00 9 11.6
Very stiff to hard brown and gray silty CLAY, little sand and gravel, moist (CL) A-6 735.00 8 11.5
Very stiff to stiff gray silty CLAY, little sand and gravel, occasional sand seams, moist (CL) A-6 730.00 17 12.9
Very dense gray clayey SILT, little sand, trace gravel, moist (ML) A-4 697.00 50 9.0

End of Boring at 75.0' 677.00 56 5.6

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Page 2 of 2
STRUCTURE BORING LOG
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Date Completed 7/17/09

STRUCTURE NO. _____
ROUTE
SECTION
COUNTY McHenry

Boring No. 2
Station
Offset
Elevation 702.00 ft

DEPT H S Qu W
B L O W S Qu W %
T H S Qu W %

[continued]
Very stiff to stiff gray silty CLAY, little sand and gravel, occasional sand seams, moist (CL) A-6
Very dense gray clayey SILT, little sand, trace gravel, moist (ML) A-4

End of Boring at 75.0' 677.00 56 5.6

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test
Stations, Depths, Offset, and Elevations are in Feet

DESIGNED _____
CHECKED _____
DRAWN _____
CHECKED _____

EXAMINED _____
PASSED _____
ENGINEER OF BRIDGE DESIGN
ENGINEER OF BRIDGES AND STRUCTURES

SOIL BORING
EDGEWOOD DRIVE OVER
RATT CREEK
F.A.U. RTE. 4010
SECTION 09-00078-00-WR
MCHENRY COUNTY
STRUCTURE No. 056-3101
STA. 140+85.43

SHEET NO. S-21 SHEETS	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	4010	09-00078-00-WR	MCHENRY	128	79
CONTRACT NO. 63655					
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					