



### ROCK CORE LOG

Date 11/29/09

ROUTE I-270 DESCRIPTION Bridge over Chain of Rocks Canal LOGGED BY MDM

SECTION Bridge over Chain of Rocks Canal LOCATION SEC.29, TWP. 4N, RNG. 9W, PM

COUNTY Madison CORING METHOD Core Barrel

STRUCT. NO. 060-0345 CORING BARREL TYPE & SIZE NX Wireline
Station 060-0345
BORING NO. B-6 Core Diameter 1.9 in
Station 1211+80.74 Top of Rock Elev. 296.48 ft
Offset 20.39ft LT Begin Core Elev. 296.48 ft
Ground Surface Elev. 440.0 ft

Table with columns: DEPTH (ft), CORING METHOD, RECOVERY (%), ROCK TYPE, CORE LENGTH (min/ft), STRENGTH (tsf). Rows include Limestone, Shale, and Core Run 1-3 with various RMR ratings.

Color pictures of the cores Yes
Cores will be stored for examination until 2012
The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938)
BBS, form 138 (Rev. 8-99)



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COUNTY Madison CORING METHOD Core Barrel

STRUCT. NO. 060-0345 CORING BARREL TYPE & SIZE NX Wireline
Station 060-0345
BORING NO. B-6 Core Diameter 1.9 in
Station 1211+80.74 Top of Rock Elev. 296.48 ft
Offset 20.39ft LT Begin Core Elev. 296.48 ft
Ground Surface Elev. 440.0 ft

Table with columns: DEPTH (ft), CORING METHOD, RECOVERY (%), ROCK TYPE, CORE LENGTH (min/ft), STRENGTH (tsf). Rows include Limestone, Shale, and Core Run 4.

Color pictures of the cores Yes
Cores will be stored for examination until 2012
The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938)
BBS, form 138 (Rev. 8-99)



### SOIL BORING LOG

Date 10/2/09

ROUTE I-270 DESCRIPTION Bridge over Chain of Rocks Canal LOGGED BY MDM

SECTION Bridge over Chain of Rocks Canal LOCATION SEC.30, TWP. 4N, RNG. 9W, PM

COUNTY Madison DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. 060-0345
Station 060-0345
BORING NO. B-7
Station 1208+27.25
Offset 23.52ft LT
Ground Surface Elev. 440.4 ft

Table with columns: DEPTH (ft), BULGE, UCS, M-O-I-S-T, and SOIL TYPE. Rows include Brown Silty Clay, Brown Fine Sand, Gray-brown Fine Sand, and Gray Clayey Silt.

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)
BBS, from 137 (Rev. 8-99)

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Table with columns: USER NAME, FILE NAME, PLOT SCALE, PLOT DATE, DESIGNED, CHECKED, DRAWN, CHECKED, REVISED.

### STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

### SOIL BORING LOGS STRUCTURE NO. 060-0345

BRIDGE SHEET NO. 115 OF 133 SHEETS

Table with columns: F.A.I. RTE., SECTION, COUNTY, TOTAL SHEETS, SHEET NO., CONTRACT NO.