

PROJECT Balmoral Avenue Extension - Phase II, Rosemont, Illinois TSC Christopher B. Burke Engineering, Ltd., Rosemont, Illinois BORING DATE COMPLETED 10-14-02 JOB L-52,653 ELEVATIONS WATER LEVEL OBSERVATIONS 641.0 ▼ WHILE DRILLING Dry to 10.0' GROUND SURFACE END OF BORING 581.0 AT END OF BORING Rotary Wash ▼ 24 HOURS SAMPLE NO. TYPE N WC Ou γ_{DRY} DEPTH ELEV. SOIL DESCRIPTIONS FILL - Crushed Limestone FILL - Black clayey TOPSOIL (OL) SILTY CLAY (topsoil) A-7-5 3.0 638.0 CLAY, trace sand, and gravel, moist (CL)

1.5 635.5 CLAY A-7.6

8.0 633.0 CLAY, trace sand and gravel, trace sand, and gravel, trace sand, and gravel, trace sand, and gravel, moist (CL/CH)

1.5 635.5 CLAY A-7.6

8.0 633.0 CLAY A-6

8.0 633.0 CLAY A-7.6

8.0 633.0 CLAY A-7.6

8.0 633.0 CLAY A-6

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8.0 633.0 CLAY A-7.6

8.0 633.0 CLAY A-6

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8.0 633.0 CLAY A-7.6

8.0 633.0 CLAY A-6

8.0 633.0 CLAY A-7.6

8.0 633.0 CLAY A-7.6

8.0 633.0 CLAY A-6

8.0 633.0 CLAY A-7.6

8.0 CLAY A-7.6

8. 32.6 0.5• SS 20.9 4.5+• 11.9 4.5• 20.7 2.5• Hard brown sandy CLAY, trace gravel, moist Very tough gray silty CLAY, trace sand and gravel, moist (CL)
CLAY A-6 Tough gray silty CLAY, trace to little sand, trace organic, moist to very moist (CL) CLAY A-7-6 25.1 1.75• 30.1 1.25• 624.5 Firm gray sandy S1LT, trace gravel, occasional sand seams, moist (ML)
S1LTY LOAM A-4 19.7 2.0• 623.0 Loose gray clayey SILT, trace sand, very moist 21.4 1.0 B SILTY LOAM A-4 20.5 620.5 Very tough to hard gray silty CLAY, little to some sand and gravel, moist (CL) CLAY/CLAY LOAM \quad A-6 Dense to very dense gray clayey SILT, trace sand, moist (ML) SILTY LOAM \quad A-4 14.9 3.5 S @ 10% 13.1 4.6 B Hard gray very sitty CLAY, little sand and gravel, moist (CL-ML)
SILTY CLAY LOAM A-4 Division lines between deposits represent approximate boundaries between soil types; in-situ the transition may be gradual.

Christopher B. Burke Engineering, Ltd., Rosemont, Illinois BORING DATE STARTED 10-9-02 DATE COMPLETED 10-14-02 JOB L-52,653 ELEVATIONS WATER LEVEL OBSERVATIONS 641.0 abla while drilling Dry to 10.0' GROUND SURFACE END OF BORING 581.0 AT END OF BORING Rotary Wash ▼ 24 HOURS SAMPLE NO. TYPE N WC Ou YDRY DEPTH ELEV. SOIL DESCRIPTIONS See Page 1 for Description 13.0 9.9 B 4.5+• SS 13.0 6.8 B 4.5+• Hard gray silty CLAY, little to some sand and gravel, moist (CL) CLAY/CLAY LOAM $$\rm A-6$$ SS 24 17.2 5.6 B SS 27 19.8 6.5 B Dense gray SILT, trace sand and gravel, moist (ML) SILT A-4 End of Boring at 60.0' Approximate unconfined compressive strength based on measurements with a calibrated pocket penetrometer. S = Shear Failure B = Bulge Failure at 15% Strain 70 — Division lines between deposits represent approximate boundaries between soiltypes; in-situ, the transition may be gradual. Page 2 of 2

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BORING NO. 17 Station 75+35.16 Offset 54.23' LT BORING NO. 18 Station 74+62.24 Offset 12.48' LT BORING NO. 18 Station 74+62.24 Offset 12.48' LT

THIS SHEET IS FOR INFORMATION ONLY

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PLDT

 USER NAME
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 DESIGNED
 MM
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 PLOT SCALE =
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DEPARTMENT OF TRANSPORTATION