SHEET NO. 75 86 SHEETS

Contract #72A76

Page <u>1</u> of <u>3</u> Illinois Department SOIL BORING LOG of Transportation FAP 614 (IL 78) DESCRIPTION IL 78 Over the Sangamon River LOCATION SE 1/4, SEC. 30, TWP. 19 N, RNG. 9 W, 3 PM B U 0510-P2 Pier 2 Cu H S Ou T ✓ First Encounter Very Dark Grey Moist CLAY LOAM CLASSIFICATION P2-1 SAND (continued) 71% Passing #200 26% Clay /46% Silt/28% Sand LL = 34 PI=16 3 1.7 24 Grey Fine (Washed) 2 1.3 19 Brown and Very Dark Grey _5 3 B Grey Moist CLAY LOAM CLASSIFICATION P2-2* 2 0.8 29 2 B Pea Gravel
Begin Mud Rotary Drilling

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated Abbrevisitions W.O.H - Sampler Advanced By Weight of Hammer, W.O.P - Advanced by Weight of Pipe, B.S.- Before Sesting
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) BBS, from 137 (Rev. 8-96)

Page <u>2</u> of <u>3</u> Illinois Department SOIL BORING LOG of Transportation LOCATION Qu First Encounter SAND (continued) Grey Fine SANDY GRAVEL LIMESTONE

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)

Abbreviations W.O.H - Sampler Advanced By Weight of Hammer, W.O.P - Advanced by Weight of Pipe, B.S. - Before Sesting

The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T208) BBS, from 137 (Rev. 8-89)

Page <u>3</u> of <u>3</u> Illinois Department SOIL BORING LOG of Transportation 11/19/07 ROUTE 442.1 (Nov.) ft 436* ft ✓ First Encounter LIMESTONE (continued) Light Grey Well Indurated Crystalline (Started Drilling Hard and Crunchy at 79.5 ft) *CLASSIFICATION P2-2 76% Passing #200 26% Clay /49% Slit/24% Sand LL = 33 Pl =16

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)

Abbreviations W.O.H - Sampler Advanced by Weight of Hammer, W.O.P - Advanced by Weight of Pipe, B.S. - Before Sesting

The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO 1208) BBS, from 137 (Rev. 8-99)

BORINGS (SHEET 3) F.A.P. 614 (IL 78) OVER SANGAMON RIVER PUBLIC WATERS CASS & MASON COUNTIES SECTION 144 (B-1) STA. 913+26.00

STRUCTURE NUMBER 009-0510 PROFESSIONAL DESIGN FIRM LICENSE #184-001084



07\$2026 03/27/09