COUNTY TOTAL SHEET NO. MORGAN 793 352 STA. TO STA. FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT

Illinois Department of Transportation FAP 310 DESCRIPTION

SOIL BORING LOG

Page <u>1</u> of <u>1</u>

Date <u>4/5/05</u>

US 67 Soil Survey LOGGED BY 69-3 LOCATION DRILLING METHOD HAMMER TYPE COUNTY 140 # Auto STRUCT NO Surface Water Elev. Stream Bed Elev. 549.7 ft BORING NO. S Qu Station 1091+80 145.0ft Rt ☑First Encounter Offset ▼Upon Completion Grey and Brown Moist SILTY
CLAY /6" (tsf) (%) ▼After 24 Hrs. (ft) /6" (tsf) (%) Brown and Grey Dry Fissile Clayey SHALE (continued) Refer 87-2 Brown and Light Grey Moist SILT Refer 87—3 **Boring Completed** Brown and Grey Moist Shaley SILTY CLAY LOAM (Residuum) Refer 85—3 555.70 Brown and Grey Dry Fissile Clayey SHALE Grey Dry Fissile Clayey SHALE interbedded w/ calcareous shale \_<sub>15</sub> 100

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 Seating
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)

BORING NO. Station Qu S 548.2 ft 552.2 ft 557.2 ft 1092+00 60.0ft Lt /6" (tsf) (%) ▼After 4 Days Hrs. Ground Surface Elev. 562.2 Dark Grey V. Moist SILTY CLAY LOAM Refer 85-2 Grey Wet SILTY CLAY LOAM Sampler Advanced by Weight of Hammer Brown and Dark Grey Moist Shaley SILTY CLAY LOAM (Residuum) Refer 85–3 4 S-12 Grey Dry Fissile Clayey SHALE /2" interbedded w/ calcareous shale seams 100

SOIL BORING LOG

US 67 Soil Survey

Surface Water Elev.

Stream Bed Elev.

Date <u>4/7/05</u>

140 # Auto

LOGGED BY

HAMMER TYPE

N/A ff

Illinois Department

69-3 LOCATION

DRILLING METHOD

of Transportation

FAP 310 DESCRIPTION

COUNTY

STRUCT, NO.

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 Seating
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ILLINOIS DEPARTMENT OF TRANSPORTATION CULVERT BORINGS STATION 1092+06.00

FAP 310 (US 67/IL 104)

DRAWN BY EBB