



Illinois Department
of Transportation
Division of Highways
IDOT - Region 3/Dist 5

SOIL BORING LOG

Page 1 of 1

Date 7/30/09

ROUTE FAP 71 (IL 54) DESCRIPTION Proposed Culvert on IL 54 LOGGED BY CNA
SECTION 121R LOCATION NE. SEC. 29, TWP. 22N, RNG. 6E, 3rd PM GPS: 40.327814N, 88.540044W
COUNTY McLean DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

| STRUCT. NO. | Station | BORING NO. | Station | Offset | Ground Surface Elev. | D E P T H (ft) | B L O W S (/6") | U C S Qu (tsf) | M O I S T (%) | Surface Water Elev. | Stream Bed Elev. | Groundwater Elev.: | First Encounter | Upon Completion | After |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|------------|-----------|------------|----------------------|-------------------------------|--------------------------------|----------------------------|------------------------------|---------------------|------------------|--------------------|-----------------|-----------------|-------|
| 057-2049(Prop.) | 388+25 | 8 Culvert | 388+25(P) | 15.0 ft Rt | 762.1 | | | | | Dry | | | 756.1 ft | Plugged | |
| Black Silty Clay Loam (Embankment) 759.6 2 2 2.0 29 3 P Gray Mottled Clay Loam 758.1 1 2 1.7 28 4 B Gray Soft Sandy Clay Loam with Trace of Sand & Free Water 754.1 0 1 1 Brown Clay Loam Till 752.1 2 3 2.9 17 5 B End of Boring -15 -20 | | | | | | | | | | | | | | | |

8/3/2009 11:37:02 AM S:\SOILS\BORING LOGS\70592 BELLEFLOWER CURVE.GPJ

An assumed centerline elevation of 100.00 and station of 10+00 is used when this information is not available.
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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ROUTE FAP 71 (IL 54) DESCRIPTION Proposed Culvert on IL 54 LOGGED BY CNA
SECTION 121R LOCATION NE. SEC. 29, TWP. 22N, RNG. 6E, 3rd PM GPS: 40.327847N, 88.540142W
COUNTY McLean DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

| STRUCT. NO. | Station | BORING NO. | Station | Offset | Ground Surface Elev. | D E P T H (ft) | B L O W S (/6") | U C S Qu (tsf) | M O I S T (%) | Surface Water Elev. | Stream Bed Elev. | Groundwater Elev.: | First Encounter | Upon Completion | After |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|------------|-----------|------------|----------------------|-------------------------------|--------------------------------|----------------------------|------------------------------|---------------------|------------------|--------------------|-----------------|-----------------|-------|
| 057-2049(Prop.) | 388+25 | 9 Culvert | 388+25(P) | 13.0 ft Lt | 763.1 | | | | | Dry | | | | | |
| Brown/Black Silty Clay (Embankment) 760.1 1 3 2.1 23 4 B Black Silty Clay (Topsoil) 758.1 0 1 0.8 30 2 B Brown/Gray Mottled Silty Clay Loam 755.1 1 2 1.2 26 3 B Gray Soft Clay Loam (Weathered Till) 753.1 0 1 2 28 End of Boring -15 -20 | | | | | | | | | | | | | | | |

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SHEET 2 OF 2

| | | | | | | | | | | |
|-----------------------------------------|--------------------|------------|--------------------|-----------------------------------------------------------|------------------------------------------------------------------------|-------------|-----------|--------|--------------|---------------------------|
| FILE NAME = | USER NAME = keysrb | DESIGNED - | REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | SOIL BORING LOGS PROPOSED CULVERT NO. 3 - STR. NO. 057-2049 | F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| ct:\pw\work\p\dot\keysrb\0101441\070592 | sh:BoxCulverts.dgn | DRAWN - | REVISED - | | | 71 | 121R | MCLEAN | 87 | 34 |
| PLOT SCALE = 44.0000' / IN. | CHECKED - | REVISED - | SCALE: | | | SHEET NO. | OF SHEETS | STA. | TO STA. | ILLINOIS FED. AID PROJECT |
| PLOT DATE = 10/16/2009 | DATE - | REVISED - | CONTRACT NO. 70592 | | | | | | | |