

Illinois Department of Transportation
SOIL BORING LOG Page 1 of 1
 Date: 5/26/12
 ROUTE: FAU 1100 DESCRIPTION: Hassell Road from Peoria Avenue to Fairway Court
 SECTION: 11-0087-00-PP LOCATION: SEC. 6, TWP. 41N, R9G. 10E, 3rd PM
 COUNTY: Cook DRILLING METHOD: HSA HAMMER TYPE: AUTO

STRUCT. NO. _____ Station _____
 SURFACE WATER ELEV. _____ ft
 STREAM BED ELEV. _____ ft
 BORING NO. 3
 Station 82050
 Offset 10.3 FT
 Ground Surface Elev. 784.50
 Approx. 4 1/2" Asphalt
 Approx. 6" Aggregate Base
 FILL CLAY
 brown and gray
 CLAY LAM. mica gravel, brown, medium dense
 SANDY LOAM, silty sand, gray, 50% sand, medium dense
 SANDY LOAM, with gravel (G), medium dense
 End of Boring

The Unclassified Compressive Strength (UCS) Failure Mode is indicated by (B-Edge, S-Shear, P-Penetrometer).
 The SPT (N value) is the sum of the last two blow values in each sampling zone (ASTM D 1586).
 BSS, form 137 (Rev. 9-99)

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STRUCT. NO. _____ Station _____
 SURFACE WATER ELEV. _____ ft
 STREAM BED ELEV. _____ ft
 BORING NO. 10
 Station 82050
 Offset 11.5 FT
 Ground Surface Elev. 785.50
 Approx. 5" Asphalt
 Approx. 3" Aggregate Base
 FILL CLAY LAM.
 mica gravel
 CLAY
 brown and gray, very stiff to hard
 CLAY
 very stiff to hard
 End of Boring

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STRUCT. NO. _____ Station _____
 SURFACE WATER ELEV. _____ ft
 STREAM BED ELEV. _____ ft
 BORING NO. 11
 Station 82050
 Offset 12.8 FT
 Ground Surface Elev. 801.50
 Approx. 5 1/2" Asphalt
 Approx. 3" Aggregate Base
 FILL CLAY, mica gravel
 CLAY
 brown and gray, very stiff to hard
 CLAY
 brown and gray, very stiff to hard
 End of Boring

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STRUCT. NO. _____ Station _____
 SURFACE WATER ELEV. _____ ft
 STREAM BED ELEV. _____ ft
 BORING NO. 12
 Station 82050
 Offset 10.3 FT
 Ground Surface Elev. 807.50
 Approx. 5 1/2" Asphalt
 Approx. 3" Aggregate Base
 CLAY
 brown and gray, very stiff to hard
 CLAY
 brown and gray, very stiff to hard
 End of Boring

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STRUCT. NO. _____ Station _____
 SURFACE WATER ELEV. _____ ft
 STREAM BED ELEV. _____ ft
 BORING NO. 15
 Station 82050
 Offset 10.3 FT
 Ground Surface Elev. 808.50
 Approx. 6" Asphalt
 Approx. 4" Aggregate Base
 FILL CLAY
 dark brown and gray
 CLAY
 brown and gray, stiff
 CLAY
 brown and gray, very stiff
 End of Boring

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STRUCT. NO. _____ Station _____
 SURFACE WATER ELEV. _____ ft
 STREAM BED ELEV. _____ ft
 BORING NO. 16
 Station 82050
 Offset 10.3 FT
 Ground Surface Elev. 809.50
 Approx. 6" Asphalt
 Approx. 4" Aggregate Base
 FILL CLAY
 mica gravel, gray and dark brown
 CLAY
 brown and gray, very stiff
 CLAY
 brown and gray, very stiff
 End of Boring

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STRUCT. NO. _____ Station _____
 SURFACE WATER ELEV. _____ ft
 STREAM BED ELEV. _____ ft
 BORING NO. 16
 Station 82050
 Offset 13.5 FT
 Ground Surface Elev. 807.50
 Approx. 6 1/2" Asphalt
 Approx. 6" Aggregate Base
 CLAY
 brown and gray, very stiff to hard
 CLAY
 brown and gray, very stiff to hard
 CLAY
 gray, very soft
 End of Boring

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 STREAM BED ELEV. _____ ft
 BORING NO. 16
 Station 82050
 Offset 10.3 FT
 Ground Surface Elev. 807.50
 Approx. 6" Asphalt
 Approx. 6" Aggregate Base
 CLAY
 brown and gray, very soft
 CLAY
 gray, very soft
 End of Boring

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PROFILE
 DATE
 BY
 DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

PROFILE
 DATE
 BY
 DESIGNED -
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 DATE -

FILE NAME =
 Boring Logs.dwg

DESIGNED -
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 CHECKED -
 DATE -

REVISED -
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 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

Hassell Road STP Project
 Roadway Soil Boring Logs
 SCALE: 1" = 20'
 SHEET NO. 2 OF 3 SHEETS

F.A.U. RT. 1100 SECTION 11-0087-00-PP COUNTY Cook TOTAL SHEETS 164 SHEET NO. 123 CONTRACT NO. 63770 ILLINOIS FED. AID PROJECT CMM 9003(757)