



Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

SOIL BORING LOG

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Date 4/15/09

ROUTE FAP 332 (IL 1) DESCRIPTION Crawfish Creek LOGGED BY E. Sandschafer

SECTION (12-B2)BR LOCATION East 1/2, SEC. 5, TWP. 1 S, RNG. 12 W, 3 PM

COUNTY Wabash DRILLING METHOD Hollow stem auger & split spoon HAMMER TYPE Auto 140#

STRUCT. NO.	093-0003	D E P T H	B L O W S	U C S Q u	M O I S T	Surface Water Elev.	395.70	D E P T H	B L O W S	U C S Q u	M O I S T		
Station	135+50					Stream Bed Elev.	384.58					ft	ft
BORING NO.	2 Pier	Groundwater Elev.:					First Encounter	394.7	ft				
Station	135+57	Upon Completion					394.7	ft					
Offset	7.00ft Lt	After					Hrs.	N/A	ft	(ft)	(/6")	(tsf)	(%)
Ground Surface Elev.	409.45	ft	(ft)	(/6")	(tsf)	(%)							

1 7/8" asphalt on 7" concrete bridge deck.
Air.

408.65

Water. (continued)

Water.
-5

382.45
381.95

Silt.
Very dense, moist, brown to gray, SANDSTONE.

Water.
-10

379.15

Extent of exploration.
Benchmark: BM 313 Chiseled square on SW corner of existing bridge = 410.12' elevation. Provided by Program Development.

Water.
-15

394.65

50/4"
50/5"
50/1"

-20

-35
-40

14

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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Station	135+50					Stream Bed Elev.	384.58					ft	ft	
BORING NO.	3 N Abut	Groundwater Elev.:					First Encounter	Dry	ft					
Station	136+86	Upon Completion					399.4	ft						
Offset	6.00ft Lt	After					24	Hrs.	399.3	ft	(ft)	(/6")	(tsf)	(%)
Ground Surface Elev.	409.68	ft	(ft)	(/6")	(tsf)	(%)								

6 1/2" asphalt on 10 1/4" concrete pavement.

408.28

Stiff, damp, gray, CLAY LOAM TILL. (continued)

Medium to soft, damp, brown, SANDY LOAM.

9
22
40
22

Stiff, damp, gray/brown/red, SILTY CLAY.
2
4
5

Stiff, damp, gray, SILTY CLAY LOAM.

14
15
9
14
15

Stiff, damp, gray marbled brown, CLAY LOAM TILL.
3
2
4

Stiff, damp, gray, CLAY LOAM.

2
4
7

Very dense, moist, gray with red layers, SANDSTONE
Borehole continued with rock coring.

Very stiff, damp, gray, SILTY CLAY.

3
8
12

379.68
378.98

Stiff, damp, gray, CLAY LOAM TILL.

0
2
4

395.18
392.68

-20

-15
-35

27
50
50/2"

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
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BBS, from 137 (Rev. 8-99)

PRINT DRIVER = L:\D-ESB\B...
FILE NAME = 803029-74219-29-68-1.dwg



USER NAME = has	DESIGNED - ELH 05/11	REVISED -
ESCA PROJECT NO. 933.14	CHECKED - RDP 04/13	REVISED -
PLOT SCALE = 0:2 ' / IN.	DRAWN - DWH 05/11	REVISED -
PLOT DATE = 6/10/2014 8:54:56 AM	CHECKED - ELH 05/11	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

BORING LOGS
STRUCTURE NO. 093-0025
SHEET NO. 29 OF 31 SHEETS

F.A.P. RTE. 332	SECTION (12,B2)B-1	COUNTY WABASH	TOTAL SHEETS 68	SHEET NO. 49
CONTRACT NO. 74219				
ILLINOIS FED. AID PROJECT				