

## SOIL BORING LOG

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Date <u>8/20/12</u>

ROUTE FAP 332 (IL 1) DESCRIPTION Culvert Extension - Soil Retention System LOGGED BY E. Sandschafer \_\_\_\_\_(16,17,18)RS-2 LOCATION R12W - Sect 25 - NE 1/4, R11W - Sect 30 - NW 1/4, SEC. , TWP. 5 N, RNG. , 3 PM Lawrence DRILLING METHOD COUNTY Hollow stem auger & split spoon HAMMER TYPE N/A 434+16 STRUCT. NO. Surface Water Elev. <u>Dry</u> ft 477.04 ft C S Stream Bed Elev. 0 Station BORING NO. 1 (Southeast) Groundwater Elev.: Qu S l S Qu 434+08 ☑First Encounter 473.4 ft Station Dry ff 467.9 ff Offset ▼Upon Completion 19.5ft Rt /6" (tsf) (%) <u>▼</u>After <u>24</u> Hrs. (ft) /6" (tsf) (%) Ground Surface Elev. 482.88 f Hard, very moist, gray, CLAY TILL. Samples broken, unable to test in Rimac. (continued) Aggregate shoulder - mix of CA6 crushed stone and Silty Clay. 22 +4.5 13 39 PP Medium to very stiff, damp, brown, SILTY CLAY LOAM. 30 +4.5 4 3.1 S 44 PP 6 457.88 -25 19 457.28 50/5" Dense, very moist, pokerchipped, CLAY SHALE. Sample broken, 10 457.28 50/3" В unable to test. Extent of exploration. 475.88 Very soft, very damp, gray, SILTY LOAM. 23 Benchmark: BM 435: Sta 439+35, 76' LT, 478.64', Chiseled "X" on the Northeast bolt of fire hydrant, West of centerline of IL 1, and South of the Lawrence/Crawford 22 County Line. Medium to stiff, damp, gray/brown, Stationing runs South to North. GEOTECHNICAL\GINTDATA\PROJECTS\LAWRENCE CO (051)\051-0000 SOIL 41.070 min Longitude N 38 deg 51.005 min Datum Job Number В 468.38 Very stiff, damp, brown/gray, SILTY ▼ CLAY TILL. 8 3.1 S 15 4.6 17 17 S

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)

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	FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
	c:\pw_work\pwidot\steffenmk\d0263618\D7	34977-sht-borelog.dgn	DRAWN -	REVISED -
		PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
	Default	PLOT DATE = 10/15/2012	DATE -	REVISED -

STATE OF ILLINOIS						
DEPARTMENT (	OF TRANSPORTATION					

SCALE: N/A

BORING LOG					F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
								332	(16,17,18)RS-2	LAWRENCE	40	26
										CONTRACT	NO. 9	4977
	SHEET	1	OF	1	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT				