

SOIL BORING S-01A

SOIL BORING S-03A

SOIL BORING LOG

PAGE 1 of 1
DATE 12/20/11
LOGGED BY MR
GSI JOB No. 09118

ROUTE FAP 345 (U.S. Route 20) DESCRIPTION US 20 over McLean Boulevard, Elgin, Illinois Contract No. 60H45
SECTION 8R-R LOCATION SEC. 22, TWP. 41N, RNG. 8E, 3rd PM, Elgin Township
COUNTY Kane DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. 1C0450020R015.1
Station: _____
BORING NO. **S-01A**
Station: 83+49.0 US 20
Offset: 76.0' Right
Ground Surface Elev. 822.2

Description	Depth (ft)	Soil Type	SPT (blows)	Moisture (%)	Dry Weight (pcf)	Groundwater Elevation		DLCOIS	
						First Encounter	Upon Completion	(ft)	(%)
10.0" TOPSOIL-black	821.4	AS	24			n/a	n/a		
		AS	2.0P	25					
SILTY CLAY-brown-medium stiff to stiff (A-6) Wet	-5	AS	2.0P	27					
		AS	1.25P	28					
End Of Boring @ -10.0' Hollow Stem Augers CME Automatic Hammer	812.2	-10	AS	0.5P	30				
	-15								
	-20								

SOIL BORING LOG

PAGE 1 of 1
DATE 12/20/11
LOGGED BY MR
GSI JOB No. 09118

ROUTE FAP 345 (U.S. Route 20) DESCRIPTION US 20 over McLean Boulevard, Elgin, Illinois Contract No. 60H45
SECTION 8R-R LOCATION SEC. 22, TWP. 41N, RNG. 8E, 3rd PM, Elgin Township
COUNTY Kane DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. 1C0450020L015.8
Station: _____
BORING NO. **S-03A**
Station: 122+25 US 20
Offset: 51.0' Left
Ground Surface Elev. 819.8

Description	Depth (ft)	Soil Type	SPT (blows)	Moisture (%)	Dry Weight (pcf)	Groundwater Elevation		DLCOIS	
						First Encounter	Upon Completion	(ft)	(%)
10.0" TOPSOIL-black	819.0	AS	24			n/a	n/a		
		AS	2.0P	23					
SILTY CLAY-brown & gray-very stiff (A-6)	-5	AS	2.0P	21					
		AS	3.5P	20					
End Of Boring @ -10.0' Hollow Stem Augers CME Automatic Hammer	809.8	-10	AS	3.5P	20				
	-15								
	-20								

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer) ST-Shallow Tube Sample VS-Vane Shear Test
The SPT (N value) is the sum of the last two blow values in each sampling zone (ASTM D 1586) The Unit Dry Weight (pcf) is noted in italics above moist (%)
NR-No Recovery

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer) ST-Shallow Tube Sample VS-Vane Shear Test
The SPT (N value) is the sum of the last two blow values in each sampling zone (ASTM D 1586) The Unit Dry Weight (pcf) is noted in italics above moist (%)
NR-No Recovery

\\D:\60H45-BORDER\2011\12-20-11\12-20-11\12-20-11\12-20-11\12-20-11\CIVIL\CAD\DWG\60H45-SHEET\0160H45-SHT-SIGNSET.UA.DGN
 BAJZEKKJ \V\F5-0804-04\VAULT\T.D-TRANS-87\2202\21379-901\CIVIL\CAD\DWG\60H45-SHEET\0160H45-SHT-SIGNSET.UA.DGN

FILE NAME = #FILEL#	USER NAME = #USER#	DESIGNED - MH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION FAP ROUTE 345 / US ROUTE 20	SIGN BORINGS 2 OF 2	F.A.P. RTE. 345	SECTION 8R-R	COUNTY KANE	TOTAL SHEETS 794	SHEET NO. 369		
PLLOT SCALE = #SCALE#	CHECKED - DDH	REVISED -	SCALE: N.T.S.			SHEET NO. SS-12 OF SS-14	STA. TO STA.	CONTRACT NO. 60H45				
PLLOT DATE = #DATE#	DATE - 12/16/11	REVISED -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT									
TENG & ASSOCIATES, INC. ENGINEERS/ARCHITECTS/PLANNERS CHICAGO, ILLINOIS												