F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
59	*	WILL	608	380
STA.		TO STA.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

* (26, 26HB-1 & 114) R-2
CONTRACT NO. 60363

EVEREST ENGINEERING CO.

SOIL BORING LOG

Page 1 of 1

Date 9/07

ROUTE FAI 55 & FAP 338 (IL 59) DESCRIPTION IL 59 (I-55 TO DUPAGE RIVER) AND INTERSTATE 55 AT IL RTE 59 LOGGED BY G. Schaertl

SECTION 26HB-1BR & 114R-1 LOCATION SEIL ROAD RETAINING WALL SEC. 21 TWP. 35 N RNG. 9 E PM. 3rd

COUNTY WILL DRILLING METHOD HOLLOW STEM AUGER HAMMER TYPE AUTOMATIC

STRUCT. NO. 099-W023
Station 4014+35 TO 4016+75
BORING NO. B-303
Station 4014+75
Offset 11.0 ft RT.
Northing 1,762,955.13
Easting 1,020,645.02
Ground Surface Elev. 592.0 ft

Surface Water Elev. ft
Stream Bed Elev. ft
Groundwater Elev.:
First Encounter 568.0 ft ▼
Upon Completion 574.0 ft ▽
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
ASPHALT PAVEMENT	590.5		3		
Stiff, Dark Brown and Gray SANDY CLAY little – gravel			3	1.75	29.0
			5	P	
FILL	589.0				
Stiff to Very Stiff, Brown SILTY CLAY little – gravel			3		
		-5	4	1.0	21.0
			5	P	
			7		
			9	1.25	19.0
			9	P	
			5		
			9	3.8	22.0
		-10	11	B	
			6		
			9	2.9	25.0
			12	B	
			6		
			8	3.3	19.0
		-15	14	B	
			4		
			4	1.7	21.0
			5	B	
	574.0 ▽				
Medium Dense to Dense, Gray SILTY LOAM little – gravel			5		
			7		9.0
		-20	12		
Medium Dense to Dense, Gray SILTY LOAM little – gravel (continued)			8		
			15		9.0
			19		
	568.5				
Extremely Dense, Brown GRAVEL with Sand			6		
			28		9.0
	567.0	-25	50/5"		
End of Boring (Auger Refusal)					
		-30			
		-35			
		-40			

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)

EVEREST ENGINEERING CO.

SOIL BORING LOG

Page 1 of 1

Date 9/07

ROUTE FAI 55 & FAP 338 (IL 59) DESCRIPTION IL 59 (I-55 TO DUPAGE RIVER) AND INTERSTATE 55 AT IL RTE 59 LOGGED BY G. Schaertl

SECTION 26HB-1BR & 114R-1 LOCATION SEIL ROAD RETAINING WALL SEC. 21 TWP. 35 N RNG. 9 E PM. 3rd

COUNTY WILL DRILLING METHOD HOLLOW STEM AUGER HAMMER TYPE AUTOMATIC

STRUCT. NO. 099-W023
Station 4014+35 TO 4016+75
BORING NO. B-304
Station 4015+50
Offset 12.0 ft RT.
Northing 1,762,954.76
Easting 1,020,720.07
Ground Surface Elev. 591.8 ft

Surface Water Elev. ft
Stream Bed Elev. ft
Groundwater Elev.:
First Encounter 565.8 ft ▼
Upon Completion 565.8 ft ▽
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
ASPHALT PAVEMENT	590.4		3		
Stiff, Dark Brown and Black CLAY trace to little – gravel			4	1.0	16.0
			5	P	
FILL	588.8				
Stiff to Hard, Brown SILTY CLAY trace – gravel			3		
			4	3.9	13.0
		-5	4	B	
			4		
			6	6.0	21.0
			9	B	
			5		
			9	5.0	22.0
		-10	10	B	
Gray below 10.5 feet			4		
			8	3.4	22.0
			10	B	
			5		
			8	2.1	20.0
		-15	10	B	
			6		
			7	2.7	16.0
			8	B	
	572.8		4		
			5	1.4	32.0
		-20	5	B	12.0
Medium Dense, Gray SILTY CLAY LOAM little – gravel (continued)			5		
			10		10.0
			11		
	568.3				
Medium Dense to Extremely Dense, Gray SILTY LOAM little – gravel			5		
			8		11.0
		-25	18		
	▽		50/3"		
	564.6				
End of Boring (Auger Refusal)					
		-30			
		-35			
		-40			

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)

SHT. RWB-4 OF RWB-4

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.P. ROUTE 338 (ILLINOIS ROUTE 59)
SEIL ROAD RETAINING WALL
SECTION (26, 26HB-1 & 114) R-2
STRUCTURE NUMBER 099-W023
STATION 4014+07 TO STATION 4015+54, WILL COUNTY

SOIL BORING LOGS

DRAWN BY: MDB
DATE: 03/14/08 CHECKED BY:

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
205 N. MICHIGAN AVE. CHICAGO, IL 60601
TEL:(312)782-0600

n:\BOLOGNPL.DGN, n:\TTBGORNLGON, n:\DNF-LOGS-RETWALLSEIL RD.DGN BONEMULO
3-13-2008, 655623 T:\DOCUMENT\92790\STRUCTURON\BOL002U02.DGN
psm: 1:20sec N/A cadsr - fdoes K:\STANDARDS\TENG\DATA\COLORTABLE.TBL