F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
59	*	WILL	608	394
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 BOX CULVERT UNDER IL 59 SEC. 21 TWP. 35 N RNG. 9 E PM. 3rd

COUNTY WILL DRILLING METHOD HOLLOW STEM AUGER HAMMER TYPE AUTOMATIC

STRUCT. NO. 099-C023
Station 7003+50.00
BORING NO. B-301
Station 7003+59
Offset 132.0 ft LT.
Northing 1,762,576.77
Easting 1,021,046.77
Ground Surface Elev. 592.2 ft

Surface Water Elev. ft
Stream Bed Elev. ft
Groundwater Elev.:
First Encounter 585.7 ft
Upon Completion 573.2 ft
After Hrs. ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
TOPSOIL 591.4			
Stiff to Hard, Brown SILTY CLAY trace - gravel	2		
	4	4.5	18.0
	6	B	
	4		
	9	5.2	20.0
-5	11	B	
585.7 ▼	4		
Medium Dense, Brown SAND trace - gravel	6	1.4	21.0
	5	B	17.0
584.2			
Stiff to Hard, Gray SILTY CLAY trace - gravel	1		
	2	1.2	15.0
-10	3	B	
	5		
	7	3.4	19.0
	9	B	
	8		
	12	5.2	18.0
-15	13	B	
	7		
	8	2.1	14.0
	8	B	
574.2			
Medium Dense, Gray SILTY CLAY LOAM little - gravel ▽	5		
572.7	6		27.0
-20	8		15.0

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Medium Dense, Gray GRAVEL with Sand (continued)			
570.7			
End of Boring			
-25			
-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 BOX CULVERT UNDER IL 59 SEC. 21 TWP. 35 N RNG. 9 E PM. 3rd

COUNTY WILL DRILLING METHOD HOLLOW STEM AUGER HAMMER TYPE AUTOMATIC

STRUCT. NO. 099-C023
Station 7003+50.00
BORING NO. B-302
Station 7003+42
Offset 66.0 ft RT.
Northing 1,762,658.15
Easting 1,020,863.66
Ground Surface Elev. 591.5 ft

Surface Water Elev. ft
Stream Bed Elev. ft
Groundwater Elev.:
First Encounter 585.0 ft
Upon Completion ft
After Hrs. ft

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
TOPSOIL 590.9			
Hard, Brown SILTY CLAY trace - gravel	2		
	3	4.3	20.0
	5	B	
	2		
	5	6.4	18.0
-5	8	B	
585.0 ▼	7		
Medium Dense, Brown SAND trace - gravel	8	6.0	18.0
	7	B	19.0
583.5			
Stiff to Hard, Gray SILTY CLAY trace - gravel	5		
	7	3.2	23.0
-10	10	B	
	5		
	9	3.2	22.0
	12	B	
	5		
	12	4.3	16.0
-15	13	B	
	3		
	4	1.6	31.0
	5	B	
573.0			
Medium Dense, Gray SILTY CLAY LOAM little - gravel 572.5	4		
571.5 -20	6 / 50/3"		9.0 / 6.0

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Extremely Dense, Brown GRAVEL with Sand			
End of Boring			
-25			
-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. BCF-3 OF BCF-3

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.P. ROUTE 338 (ILLINOIS ROUTE 59)
IL 59 DOUBLE BOX CULVERT
SECTION (26, 26HB-1 & 114) R-2
STUCTURE NUMBER 099-0351
STATION 7003+50.00 (SB IL 59), WILL COUNTY

SOIL BORING LOGS

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

TENG

TENG & ASSOCIATES, INC.
ENGINEERS/SCIENTISTS/PLANNERS
161 N. MICHIGAN AVE. CHICAGO, IL 60601
TELEPHONE: 312/856-0300

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