STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 583	*	SCHUYLER	56	40
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT:	

SHEET NO. 21
26 SHEETS

* 02-00067-00-BR
Contract # 93425

Illinois Department of Transportation
Division of Highways
Idot District 6

SOIL BORING LOG

Page 1 of 2

Date 10/22/03

ROUTE FAS 583 (CH-5) DESCRIPTION Camden Road over Lamoine River LOGGED BY M. Tappan

SECTION 02-00067-00-BR LOCATION SW 1/4, SEC. 24, TWP. 2 N, RNG. 3 W, 4 PM

COUNTY Schuyler DRILLING METHOD HSA HAMMER TYPE 140 # Auto

STRUCT. NO. 085-3052
Station 303+70

BORING NO. 1 E. Abut
Station 301+60
Offset 28.0ft Lt
Ground Surface Elev. 469.9 ft

Surface Water Elev. 454.4 ft
Stream Bed Elev. 445.4 ft

Groundwater Elev.:
▽ First Encounter 457.9 ft
▽ Upon Completion Washed ft
▼ After 24 Hrs. 463.9 ft

DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)	Soil Description
				Brownish Grey Moist SILTY CLAY LOAM
	1			
-5	2	0.8	25	
	2	B		
				▼
	0			
	2	0.8	26	
	2	B		
460.40				
	0			
-10	1	0.4	21	Grey and Light Brown V. Moist LOAM
	2	B		
458.90				
	0			Brown Wet Dirty Medium Grained SAND
				Free Water ▽
	1			
	1			
	0			
-15	1			w/ LOAM Seam
	2			
453.90				
	0			Grey and Brown V. Moist SILTY CLAY
	1	0.3	30	
	1	B		
451.40				
	0			Grey and Brown Wet LOAM
-20	0	0.1	29	
	0			Grey and Brown Wet LOAM (continued)
448.90				
	0			SAND
	0			Brown Clean Medium to Coarse Grained SAND
	1			
	3			
-25	4			Washed
	4			
	5			
-30	7			Grey Medium Grained Sandy GRAVEL Washed
	7			
	3			
-35	8			Washed
	12			
	3			Brown Medium Grained Sandy GRAVEL Washed
-40	4			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)
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)

SOIL BORING 085-3052 CH-5 CAMDEN ROAD OVER THE LAMOINE RIVER.GPJ DSTEMPLT.GDT 5/13/05
Latitude Longitude

Illinois Department of Transportation
Division of Highways
Idot District 6

SOIL BORING LOG

Page 2 of 2

Date 10/22/03

ROUTE FAS 583 (CH-5) DESCRIPTION Camden Road over Lamoine River LOGGED BY M. Tappan

SECTION 02-00067-00-BR LOCATION SW 1/4, SEC. 24, TWP. 2 N, RNG. 3 W, 4 PM

COUNTY Schuyler DRILLING METHOD HSA HAMMER TYPE 140 # Auto

STRUCT. NO. 085-3052
Station 303+70

BORING NO. 1 E. Abut
Station 301+60
Offset 28.0ft Lt
Ground Surface Elev. 469.9 ft

Surface Water Elev. 454.4 ft
Stream Bed Elev. 445.4 ft

Groundwater Elev.:
▽ First Encounter 457.9 ft
▽ Upon Completion Washed ft
▼ After 24 Hrs. 463.9 ft

DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)	Soil Description
	6			SAND (continued)
409.40				
				Boring Completed
	3			
-45	9			Grey Medium Grained SANDY GRAVEL Washed
	13			
	5			
-50	15			Washed End 10/22/03 Start 10/23/03
	17			
	10			
-55	17			Washed
	18			
412.40				
				Grey Moist CLAY LOAM (Till) Washed
	13			
-60	27	9.3	9	

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)
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)

SOIL BORING 085-3052 CH-5 CAMDEN ROAD OVER THE LAMOINE RIVER.GPJ DSTEMPLT.GDT 5/13/05
Latitude Longitude

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
BORING LOGS

FAS 583 (CH5) OVER LAMOINE RIVER
SECTION 02-00067-00-BR
SCHUYLER COUNTY
STATION 54+95.75
S.N. 085-3054

SCALE: VERT.
HORIZ.
DATE: 6/7/05

DRAWN BY: LANDREY
DESIGNED BY: MATHUR
CHECKED BY: TRELLO

GREENE & BRADFORD, INC.
OF SPRINGFIELD
CONSULTING ENGINEERS
SPRINGFIELD, ILLINOIS 62704
PROFESSIONAL DESIGN FIRM NO. 184-001409
PROFESSIONAL & STRUCTURAL ENGINEERING CORPORATION
(217) 753-8041 (217) 753-8227 TELEFAX - mail@greenebradford.com

COMPUTER FILE NO.
SN0853054_LOG

PROJECT 02157
6/2/06-MML

FILE NAME = I:\02157\drawings\sn085-3054\SN0853054_LOG.dgn
PLOT SCALE = 0.0000 '= 1.0000 '
PLOT DATE = 8/10/2006
PLOT TIME = 7:46:09 AM
OPERATOR = michelel
DGN = XES_8850_ENG_BRIDGE.plt