FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7000	02-00212-00-BR	VERMILION	59	55
FROM STA. 96+00.00		TO STA. 103+10.10		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 91285

BRIDGE FOUNDATION SOIL BORING LOG
midwest engineering services, inc.

Route: Hungry Hollow Road
Section: 00-00212-00-BR
County: Vermillion
Structure No. Existing 092-0106, New 092-6034
Station: Station 99 + 26
Offset: 6' Lt.

Boring: B-3
Page: 1 of 1
Date of Boring: March 31, 2004
Drilled By: Roger Burton
Checked By: Daniel E. Tappendorf, P. E.
MES Project No: 1-33012

Surface Water Elevation: 533.6 ft
Ground Water Elevation:
when drilling: 533.6 ft.
at completion: 533.6 ft.
Ground Surface Elevation: 554.6 ft.

Description	Depth (ft.)	Blows (6")	Q_u (tsf)	MC (%)
2" Asphalt over 8" concrete				
Gray clayey SILT (ML)		12 44 54	2.6 B	13
EL: 525.1 ft.	30			
Gray silty SHALE		28 60/4"	4.5+ P	7
	5			
		29 60/3"	4.5+ P	9
	35	60/4"	4.5+ P	8
	10			
	40	60/3"	4.5+ P	9
	15			
	45	60/2"	4.5+ P	7
	20			
EL: 509.5 ft.				
EL: 533.6 ft.				
Water				
EL: 532.6 ft.				
Gray clayey SILT (ML)		3 2 1	1.5 P	24
EL: 530.1 ft.	25			
Brown fine clayey SAND (SC-SP)		1 1 2	-	25
End of boring at 45' 2"	50			

N - Standard Penetration Test (SPT) = Sum of last two blow values in sample
MC- Moisture Content - Percent of dry weight
Qu- Unconfined Compressive Strength- tons per square foot (tsf)

Type Failure: Qu test, B-Bulge, S-Shear, P-Penetrometer

BRIDGE FOUNDATION SOIL BORING LOG
midwest engineering services, inc.

Route: Hungry Hollow Road
Section: 00-00212-00-BR
County: Vermillion
Structure No. Existing 092-0106, New 092-6034
Station: Station 98+88
Offset: 6' Lt.

Boring: B-4
Page: 1 of 1
Date of Boring: March 29, 2004
Drilled By: Roger Burton
Checked By: Daniel E. Tappendorf, P. E.
MES Project No: 1-33012

Surface Water Elevation: 533.6 ft.
Ground Water Elevation:
when drilling: Dry
at completion: Dry
Ground Surface Elevation: 555.6 ft.

Description	Depth (ft.)	Blows (6")	Q_u (tsf)	MC (%)
3" Asphalt over 12" concrete				
EL: 554.1 ft.				
Brown fine to medium SAND (SP)		3 3 2	-	10
	5	3 2 4	-	17
		4 4 4	-	8
EL: 546.1 ft.	10			
Brown fine to medium clayey SAND (SP)		4 2 2	-	17
	15	6 5 5	-	10
EL: 538.6 ft.				
Dark gray silty CLAY (CL)		2 3 4	-	17
	20	3 3 3	2.2 B	23
		2 3 2	1.5 B	20
EL: 531.1 ft.	25			
Gray clayey SILT (ML)		3 3 3	1.9 B	19
Gray clayey SILT (ML)				
EL: 527.6 ft.				
Gray silty SHALE	30	39 60/5"	4.5+ P	9
	35	60/5"	4.5+ P	7
	40	60/4"	4.5+ P	9
	45	59 60/3'	4.5+ P	9
EL: 509.9 ft.				
End of boring at 45' 9"	50			

N - Standard Penetration Test (SPT) = Sum of last two blow values in sample
MC- Moisture Content - Percent of dry weight
Qu- Unconfined Compressive Strength- tons per square foot (tsf)

Type Failure: Qu test, B-Bulge, S-Shear, P-Penetrometer

SHT. S-40 OF 40

REVISIONS	
NAME	DATE

CITY OF DANVILLE, ILLINOIS
HUNGRY HOLLOW ROAD BRIDGE

SOIL BORING LOG - II

SCALE:
DATE 12/06/05
DRAWN BY LAR
CHECKED BY JRH

TENG
TENG & ASSOCIATES, INC.
ENGINEERS AND SCIENTISTS OF CHICAGO
215 N. MICHIGAN AVE. CHICAGO, IL 60601
TELEPHONE: (312) 616-0300

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