STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILLINOIS DEPARTMENT OF TRANSPORTATION
District Nine Materials

Bridge Foundation Boring Log
Sheet 1 of 1

FAP 885 (IL 34/146) Over Three Mile Creek
Route: FAP 885 (IL 34/ Structure Number: 035-0009 Date: 12/13/2007
Section 5B-DR-1 Bored By: R Moberly
County: Hardin Location: 1.5 Mi. East of IL 146 Checked By: R Moberly

Boring No 4-S
Station 76+46
Offset 67' Rt CL
Ground Surface 386.4Ft

Surf Wat Elev: 373.5
Ground Water Elevation
when Drilling
At Completion
At: Hrs:

DEPTH	BLOWS	Qu tsf	W%
5.0			
10.0			
15.0			
20.0			
25.0			
30.0			
35.0			
40.0			
45.0			
50.0			

Augered to refusal without sampling to confirm depth to bedrock. See Boring No. 1-S and 2-S drilled November 2005 for soil data.

Refusal at 32.0 feet 354.4

Hard, dry, grey Limestone
Cored 32.0 to 42.0 feet
100% Recovery 97% RQD

344.4

Bottom of hole = 42.0 feet

Elevation referenced to Back of Exist. West Abut. Sta. 76+63
P.G. Elev = 386.8 feet

N-Std Pentr Test: 2" OD Sampler,
140# Hammer, 30" Fall (Type Fail. B-Bulge S-Shear E-Estimated P-Penetrometer)

ILLINOIS DEPARTMENT OF TRANSPORTATION
District Nine Materials

Bridge Foundation Boring Log
Sheet 1 of 1

FAP 885 (IL 34/146) Over Three Mile Creek
Route: FAP 885 (IL 34/ Structure Number: 035-0009 Date: 12/17/2007
Section 5B-DR-1 Bored By: R Moberly
County: Hardin Location: 1.5 Mi. East of IL 146 Checked By: R Moberly

Boring No 5-S
Station 774.4
Offset 67' Lt CL
Ground Surface 387.2Ft

Surf Wat Elev: 373.5
Ground Water Elevation
when Drilling
At Completion
At: Hrs:

DEPTH	BLOWS	Qu tsf	W%
5.0			
10.0			
15.0			
20.0			
25.0			
30.0			
35.0			
40.0			
45.0			
50.0			

Augered to refusal without sampling to confirm depth to bedrock. See Boring No. 2-S drilled November 2005 for soil data.

Refusal at 37.0 feet 350.2

Hard, dry, grey Limestone
Cored 37.0 to 45.0 feet
100 % Recovery; 68% RQD

341.2

Bottom of hole = 42.0 feet

Elevation referenced to Back of Exist. West Abut. Sta. 76+63
P.G. Elev = 386.6 feet

N-Std Pentr Test: 2" OD Sampler,
140# Hammer, 30" Fall (Type Fail. B-Bulge S-Shear E-Estimated P-Penetrometer)

SOIL BORINGS-4
IL 34/146 OVER
THREE MILE CREEK
STATION 76+80.00

LIN ENGINEERING,LTD. Consulting Engineers Chatham, Illinois	SHEET NO. 18	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		885	5B-1	Hardin	48 / 31
	18 SHEETS		S.N. 035-0015	CONTRACT NO. 98949	
Designed By: ESH / Checked By: MTH / Drawn By: ESH / Date: 8/2008 / Files: 035-0015.dgn		FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT	

D-99-016-06