0144055-10-BORG.DGN MAR. 10, 2009

NW 1/4, Section 29, T 2 N, R 1 W, 3rd P.M.

Illinois Department of Transportation

Bridge Foundation Boring Log

NOTE:
Assumed Elevation 100.0
@ Assumed Station 10+00
Center Existing Structure.

Sh. 1 of 1 Sh.

PROJECT SN 027-3067 BRIDGE Township Road 137 Date 1-29-89
ROUTE TR 137 Over Lost Creek Bored By Larry Ford
SEC. 89-10110-00-BR STA. 10+00 Checked By Robert Nebelsick
COUNTY Clinton

Boring No. 1, E.Abut.
Station 10+37
Offset @ ℄

Surface Water El. Bottom Creek 87.5
Groundwater El. at Completion 86.5
After ____ Hours

Ground Surface 99.3 (453.5)

Elevation	N	Qu t/s.f.	w (%)	
99.3				BROWN AND GRAY SILTY CLAY
	7	S/10 1.5	21	
92.8±				BROWN AND GRAY GRAVELLY VERY SILTY CLAY
	1/1	S/5 1.0	20	
	1/1	S/10 0.8	30	
87.8±				(SOME WOOD)
	1/2	S/15 0.7	41	
	5/10	S/10 0.4	31	GRAY SANDY CLAY 86.1 F.W.
	10	NC	–	GRAY CLAYEY SAND (WITH WOOD)
82.8±				
	3	NC	–	BROWN AND GRAY SHALE WEATHERED
	50/.45	S	5.2	14
78.7				
	7	S/15		
	50/.4	6.9	11	GRAY LIMESTONE 77.7
				BR.SAND STONE BROKEN & WEATHERED

Elevation				
	1 min			BROWN AND GRAY WEATHERED SHALE
76.2				
	1 min			GRAY WEATHERED SHALE
	1 min			
	2 min			
	1 min			
	1 min			
70.7				
				END OF BORING AND CORING

CORING TIMES

N-Standard Penetration Test- Blows per foot to drive 2" O.D. Split Spoon Sampler 12" with 140 No. hammer falling 30".

Qu-Unconfined Compressive Strength - t/sf

w - Water Content - percentage of oven dry weight %

Type failure:
B - Bulge Failure
S - Shear Failure
E - Estimated Value
P - Penetrometer

BD 137 (Rev. 4-78)

NW 1/4, Section 29, T 2 N, R 1 W, 3rd P.M.

Illinois Department of Transportation

Bridge Foundation Boring Log

Sh. 1 of 1 Sh.

PROJECT SN 027-3067 BRIDGE Township Road 137 Date 1-29-89
ROUTE TR 137 Over Lost Creek Bored By Larry Ford
SEC. 89-10110-00-BR STA. 10+00 * Checked By Robert Nebelsick
COUNTY Clinton

Boring No. 2, W.Abut.
Station 9+58 *
Offset @ ℄

Surface Water El. Bottom Creek 87.5
Groundwater El. at Completion 86.5
After ____ Hours

Ground Surface 4537 99.5 *

Elevation	N	Qu t/s.f.	w (%)	
99.5				BROWN AND GRAY SANDY SILT WITH LIMESTONE ROCK
	6 9 12	S/0 0.7	9	
95.5±				GRAY SANDY SILTY CLAY
	8 15 10	S/5 3.9	12	
93.0±				BROWN SANDY SILT
	3 7 6	S/5 1.0	6	
90.5±				(ORIGINAL GROUND) GRAY SILTY CLAY
	1/1	S/10 0.6	23	
88.5 F.W.				
88.0				GRAY SANDY SILTY CLAY WITH GRAVEL
	3/4	S/10 1.4	18	
85.5±				
	1/2 2	S/10 1.5	25	BROWN AND GRAY SILTY CLAY
	3/4	S/10 1.0	23	
79.0 F.W.				
	2/2 4	S/10 1.6	19	GRAY SILT
				BROWN AND GRAY SILTY CLAY

Elevation				
77.5				GRAY AND BROWN SILT WITH BROKEN WEATHERED SHALE
75.5±	1 2 6	S/5 1.6	17	
	8 12 12	NC	13	GRAY WEATHERED SANDSTONE
73.0±				
	7 16 23	S/5 3.1	11	GRAY WEATHERED SHALE
	8 12 18	S/5 2.7	14	
66.5				
	3 36	S/5 1.8	15	GRAY SHALE
65.5	50/.2	NC	–	
	50/.2	–	–	GRAY SHALEY SANDSTONE
	50/.1	–	–	
59.9	50/.1	–	–	
				END OF BORING

NOTE:
Assumed Elevation 100.0 @
Assumed Station 10+00
Center Existing Structure.

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BD 137 (Rev. 4-78)

DESIGNED	K.M.M.
CHECKED	L.D.G.
DRAWN	K.H.L.
CHECKED	B.G.H.

SOIL BORING LOGS

SHEET NO. 10	T.R.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
10 SHEETS	137	03-10115-00-BR	CLINTON	15	13
	S.N. 014-4055		CONTRACT NO. 97374		
	FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

H.M. & G. NO. 6236