

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 17 18 SHEETS
FAP 782	114B-2	GALLATIN	62	35	
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-		

Contract No. 98887

ILLINOIS DEPARTMENT OF TRANSPORTATION  
District Sign Materials

Bridge Foundation  
Boring Log  
Sheet 1 of 2

Route: T.T. 1 Structure Number: 030-0026 Date: 8/28/2008  
Section: Location: I.P. Mt. W. Paulin Cr. Checked By: Rob Green

Boring No: 1 5  
Station: 803+70  
Offset: 12' S of CL  
Ground Surface: 257.7ft

Depth (ft)	D		Qu	W%	Description	D		Qu	W%
	P	T				P	T		
0.0					Uniform shoulder				
1.0					Very stiff, moist, brown, silty clay loam A-6				
2.0					Medium, very moist, brown, silty clay loam A-6				
3.0					Soft, very moist, grey, silty clay A-6				
4.0					Very soft, very moist, grey, silty clay A-6 with sand layers				
5.0					Stiff, moist, brown, silty clay loam A-6				
6.0					Medium, very moist, brown, silty clay loam A-6				
7.0					Stiff, very moist, brown, silty clay to silty clay loam A-6				
8.0					Stiff, very moist, brown, silty clay to silty clay loam A-6				
9.0					Stiff, very moist, brown, silty clay to silty clay loam A-6				
10.0					Stiff, very moist, brown, silty clay to silty clay loam A-6				
11.0					Stiff, very moist, brown, silty clay to silty clay loam A-6				
12.0					Stiff, very moist, brown, silty clay to silty clay loam A-6				
13.0					Stiff, very moist, brown, silty clay to silty clay loam A-6				
14.0					Stiff, very moist, brown, silty clay to silty clay loam A-6				
15.0					Stiff, very moist, brown, silty clay to silty clay loam A-6				
16.0					Stiff, very moist, brown, silty clay to silty clay loam A-6				
17.0					Stiff, very moist, brown, silty clay to silty clay loam A-6				
18.0					Stiff, very moist, brown, silty clay to silty clay loam A-6				
19.0					Stiff, very moist, brown, silty clay to silty clay loam A-6				
20.0					Stiff, very moist, brown, silty clay to silty clay loam A-6				
21.0					Stiff, very moist, brown, silty clay to silty clay loam A-6				
22.0					Stiff, very moist, brown, silty clay to silty clay loam A-6				
23.0					Stiff, very moist, brown, silty clay to silty clay loam A-6				
24.0					Stiff, very moist, brown, silty clay to silty clay loam A-6				
25.0					Stiff, very moist, brown, silty clay to silty clay loam A-6				

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

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Bridge Foundation  
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Sheet 2 of 2

Route: T.T. 1 Structure Number: 030-0026 Date: 8/28/2008  
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Boring No: 1 5  
Station: 803+70  
Offset: 12' S of CL  
Ground Surface: 257.7ft

Depth (ft)	D		Qu	W%	Description	D		Qu	W%
	P	T				P	T		
17.0					Stiff, very moist, grey, clay A7-B with sand layers and pea gravel				
18.0					Medium, very moist, grey, clay A7-B				
19.0					Stiff, very moist, grey mottled brown, silty clay A7-B				
20.0					Hard, dry, grey clay shale				
21.0					Hard, dry, grey clay shale				
22.0					Hard, dry, grey sandstone				
23.0					Hard, dry, grey sandstone				
24.0					Hard, dry, grey sandstone				
25.0					Bottom of hole 72.5 ft				
26.0					Free water observed at 37.0 ft				

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Sheet 1 of 2

Route: T.T. 1 Structure Number: 030-0026 Date: 8/28/2008  
Section: Location: I.P. Mt. W. Paulin Cr. Checked By: Rob Green

Boring No: 2 5  
Station: 803+70  
Offset: 12' S of CL  
Ground Surface: 257.7ft

Depth (ft)	D		Qu	W%	Description	D		Qu	W%
	P	T				P	T		
0.0					Uniform shoulder				
1.0					Very stiff, moist, brown, clay A7-B				
2.0					Stiff, moist to very moist, brown mottled grey, clay A7-B				
3.0					Very stiff, moist, brown mottled grey, clay A7-B				
4.0					Very stiff, moist, brown mottled grey, clay A7-B				
5.0					Stiff, moist to very moist, brown mottled grey, silty clay A7-B				
6.0					Very stiff, moist, brown mottled grey, clay A7-B				
7.0					Very stiff, moist, brown mottled grey, clay A7-B				
8.0					Very stiff, moist, brown mottled grey, clay A7-B				
9.0					Very stiff, moist, brown mottled grey, clay A7-B				
10.0					Very stiff, moist, brown mottled grey, clay A7-B				
11.0					Stiff, very moist, grey, silty clay A7-B				
12.0					Stiff, very moist, grey, silty clay A7-B				
13.0					Stiff, very moist, grey, silty clay A7-B				
14.0					Stiff, very moist, grey, silty clay A7-B				
15.0					Stiff, very moist, grey, silty clay A7-B				
16.0					Stiff, very moist, grey, silty clay A7-B				
17.0					Stiff, very moist, grey, silty clay A7-B				
18.0					Stiff, very moist, grey, silty clay A7-B				
19.0					Stiff, very moist, grey, silty clay A7-B				
20.0					Stiff, very moist, grey, silty clay A7-B				
21.0					Stiff, very moist, grey, silty clay A7-B				
22.0					Stiff, very moist, grey, silty clay A7-B				
23.0					Stiff, very moist, grey, silty clay A7-B				
24.0					Stiff, very moist, grey, silty clay A7-B				
25.0					Stiff, very moist, grey, silty clay A7-B				

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Boring No: 2 5  
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Offset: 12' S of CL  
Ground Surface: 257.7ft

Depth (ft)	D		Qu	W%	Description	D		Qu	W%
	P	T				P	T		
25.0					Stiff, very moist, grey, silty clay A7-B				
26.0					Stiff, very moist, grey, silty clay A7-B				
27.0					Stiff, very moist, grey, silty clay A7-B				
28.0					Stiff, very moist, grey, silty clay A7-B				
29.0					Stiff, very moist, grey, silty clay A7-B				
30.0					Stiff, very moist, grey, silty clay A7-B				
31.0					Stiff, very moist, grey, silty clay A7-B				
32.0					Stiff, very moist, grey, silty clay A7-B				
33.0					Stiff, very moist, grey, silty clay A7-B				
34.0					Stiff, very moist, grey, silty clay A7-B				
35.0					Stiff, very moist, grey, silty clay A7-B				
36.0					Stiff, very moist, grey, silty clay A7-B				
37.0					Stiff, very moist, grey, silty clay A7-B				
38.0					Stiff, very moist, grey, silty clay A7-B				
39.0					Stiff, very moist, grey, silty clay A7-B				
40.0					Stiff, very moist, grey, silty clay A7-B				
41.0					Stiff, very moist, grey, silty clay A7-B				
42.0					Stiff, very moist, grey, silty clay A7-B				
43.0					Stiff, very moist, grey, silty clay A7-B				
44.0					Stiff, very moist, grey, silty clay A7-B				
45.0					Stiff, very moist, grey, silty clay A7-B				
46.0					Stiff, very moist, grey, silty clay A7-B				
47.0					Stiff, very moist, grey, silty clay A7-B				
48.0					Stiff, very moist, grey, silty clay A7-B				
49.0					Stiff, very moist, grey, silty clay A7-B				
50.0					Stiff, very moist, grey, silty clay A7-B				

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

BORING LOGS  
F.A.P. RTE. 782 - SECTION 114B-2  
GALLATIN COUNTY  
STATION 803+60.00  
STRUCTURE NO. 030-0024