ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.S. 888	00-00065 -00-BR	GALLATIN	22	21
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT-	

DEPARTMENT OF TRANSPORTATION — BRIDGE FOUNDATION

District Nine Materials — Boring Log — Sheet 1 of 3

FAS 888 (New Haven Road) Over N. Fork Cypress Creek

Route: FAS 888 — Structure Number: 030-3001 — Date: 03/06/2003

Section 00-00065-00-BR — Bored By: Bryan Keller

County: Gallatin — Location: 3.65 MI N ILL 13 — Checked By: Rob Graeff

Boring No 3-S
Station 10+85
Offset 8' RT CL
Ground Surface 362.0 Ft

Surf Wat Elev: 347.0
Ground Water Elevation when Drilling 347.5
At Completion
At: Hrs:

DEPTH	BLOW	Qu tsf	W%	Description
				Core Bridge Deck
				Suspend Augers
5.0				
10.0				
347.5				
	15.0	WH		Very loose, wet, grey, very fine Silty Sand 84% Sand 11% Silt 5% Clay
		1	23	
		6		
		WH		
		WH		
342.5		3	FOS=0.72	
	20.0	WH		Very Soft, very moist, grey, Silty Clay A-6 with a Sand Layer
		1	0.2B 53	
		WH		
340.0				
		1		Stiff, moist to very moist, grey, Clay A7-6
		2	1.2B 37	
		2		
	25.0	WH		
335.0				Stiff, moist to very moist, grey, Clay A7-6
332.5				Soft, very moist, grey, Silty Clay Loam A-6
330.0	30.0			Medium, very moist, grey, Silt Loam A-4
327.5	35.0			Soft to medium, very moist, grey, Silt Loam A-4
				Medium, wet, grey, very fine Silty Sand 74% Sand 22% Silt 4% Clay
317.5	40.0			Very Loose, wet, grey, very fine Silty Sand
312.5	50.0			

DEPTH	BLOW	Qu tsf	W%	
	4	1.6B	41	
	3			
	WH			
	3	0.3B	22	
	5			
	2			
	4	0.9	21	
	6			
	2			
	4	0.5	20	
	4			
	1			
	6			21
	5			
	4			
	6			
	7			
	2			
	6			
	7			
	WH			
	WH			
	1			
	2			
	WH			
	1			
	2			
	WH			

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

Route: FAS 888 — Sheet 2 of 3 — Date: 03/06/2003

Section: 00-00065-00-BR

County: Gallatin

Boring No: 3-S
Station: 10+85
Offset: 8' RT CL
Ground Surface: 362.0 Ft

DEPTH	BLOW	Qu tsf	W%	Description
	WR	0.8B	22	Medium, very moist, grey, Silty Clay A-6
	WR			
307.5				
55.0	1			Very Stiff, moist, grey, Clay A7-6
	6	2.3S	28	
	7			
302.5				
60.0	WR			Very loose, wet, grey, very fine Silty Sand 95% Sand 3% Silt 2% Clay
	WR		21	
	WR			
	FOS=0.067			
297.5				
65.0	3			Loose to Medium, wet, grey, Sandy Gravel 50% Sand 50% Gravel
	5		14	
	5			
292.5				
70.0	8			Medium, wet, grey, Sandy Gravel
	8			
	10			
287.5				
75.0	8			

DEPTH	BLOW	Qu tsf	W%	
	14			Dense, wet, grey, Sandy Gravel
	18			
282.5				
80.0	8			Medium, wet, grey, Clean Medium to Coarse Sand 57% Sand 1% Silt 42% Gravel
	9		15	
	15			
85.0				
272.5				
90.0	1			Medium, wet, grey, very fine Sand 82% Sand 9% Silt 3% Clay 6% Gravel
	5		23	
	7			
95.0				
267.5				
100.0	6			

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

Route: FAS 888 — Sheet 3 of 3 — Date: 03/06/2003

Section: 00-00065-00-BR

County: Gallatin

Boring No: 3-S
Station: 10+85
Offset: 8' RT CL
Ground Surface: 362.0 Ft

DEPTH	BLOW	Qu tsf	W%	Description
	12			Dense, wet, grey, very fine Silty Sand
	22			
105.0				
252.5				
110.0	2			Medium, wet, grey, very fine Sand
	6			
261.0	10			
				ESF = 89 Tons
				Bottom of hole = 111.0 ft.
				Free water observed at 14.5 ft.
				Elevation referenced to BM#2 Chiseled Square on top of W. Cub 12.0' LT Sta10+01 Elev = 362.47
				To convert("N" values to "N60" Values multiply by 1.25.
115.0				
120.0				
125.0				
130.0				
135.0				
140.0				
145.0				
150.0				

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

BORING 3

Rice, Berry and Associates
A Division of Hampton, Lenzini and Renwick, Inc.
Civil & Structural Engineers
801 S. Durkin Drive
Springfield, Illinois 62704
217-546-3400
P.O. Box 1036
DuQuoin, Illinois 62832
618-790-4637

Account Number 12-38-0003-1
Date: 05/26/05

DESIGNED: T.P.L. | CHECKED: S.W.M. | DRAWN: D.B.

BORING 3
SECTION 00-00065-00-BR
F.A.S. 888 / C.H. 11
GALLATIN COUNTY
STR. NO. 030-3116 / STATION 10+00