ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
T.R. 50	98-02120 -00-BR	DOUGLAS	26	26
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT- BR-06-041(86)	

CONTRACT NO. 91314

ILLINOIS DEPARTMENT OF TRANSPORTATION
District Five Materials
S.W. 1/4 SEC. 26, T. 15 N., R. 7 E. 3RD PM

Bridge Foundation
Boring Log

Sh. 1 of 2

PROJECT _____ BRIDGE S.N. 021-4544 PROP Date 10/29/98

ROUTE BOURBON TWP _____ Bored By Winschief

SEC. 98-02120-00-BR STA. ~~*10+00~~ 15+00 Checked By S.A.R.

COUNTY Douglas

Boring No. 1 S ABT
Sta *9+12 14+12
O/S 8'LT

Surf Wat El. 86.5
Grndwater El.
at Compl PLUG
At ____ Hrs ____

Description	El.	N	Qu t/sf	W %
Ground Surface *99.0 644.8	0			
MIXED BROWN SILTY CLAY - SILTY CLAY LOAM BACKFILL	-5	7	B 1.2	12
	-10	7	B 1.4	17
632.3 86.5				
DARK GRAY SILTY CLAY	-15	5	B 0.9	26
628.3 82.5				
BROWN GRAY MOTTLED SANDY CLAY LOAM 625.8 80.0		4	B 0.8	27
FINE GRAY SAND - SAND LOAM FREE WATER 623.3 77.5	-20	4		
		12	2.9B	19

Description	El.	N	Qu t/sf	W %
GRAY CLAY LOAM - SANDY CLAY LOAM TILL 620.8 75.0				
	-25	41	E 6.0	9.5
GRAY SANDY CLAY LOAM - SAND LOAM TILL	-30	100 10"	E 10+	8.5
	-35	100 9"	E 10+	8.6
*ASSUMED CENTER OF EXISTING BRIDGE STATION 10+00 & ELEV. 100.0 15+00 ~~648.5~~ 645.8 USGS	-40	100 6"	E 10+	8.3
599.3 LIMIT OF BORING 53.5	-45	100 11"	E 10+	8.0

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

-14-

BORING 1

ILLINOIS DEPARTMENT OF TRANSPORTATION
District Five Materials

Bridge Foundation
Boring Log

Sh. 2 of 2

PROJECT _____ BRIDGE S.N. 021-4544 Date 10/29/98

ROUTE BOURBON TWP _____ Bored By Winschief

SEC. 98-02120-00-BR STA. ~~*10+00~~ 15+00 Checked By S.A.R.

COUNTY Douglas

Boring No. 2 N ABT
Sta ~~*10+85~~ 15+85
O/S 10'RT

Surf Wat El. ____
Grndwater El.
at Compl WASH B
At ____ Hrs ____

Description	El.	N	Qu t/sf	W %
Ground Surface *99.0 644.8	0			
BROWN SILTY CLAY - CLAY LOAM BACKFILL	-5	4	B 0.8	24
	-10	10	B 1.9	27
632.8 87.0				
GRAY BROWN MOTTLED SILTY CLAY - CLAY LOAM	-15	4	B 0.8	24
626.8 81.0				
GRAY SAND LOAM - LOAM FREE WATER	-20	8		
623.3 77.5		7		

Description	El.	N	Qu t/sf	W %
MEDIUM GRAY SAND 620.8 75.0				
	-25	8	B 1.2	16
BROWN GRAY MOTTLED SANDY CLAY LOAM TILL	-30	80	E 10+	9.2
612.3 66.5				
	-35	100 6"	E 10+	7.9
GRAY SANDY CLAY LOAM - SAND LOAM TILL	-40	100 4"	E 10+	6.5
599.3 LIMIT OF BORING 53.5	-45	100 5"	E 10+	6.8

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

-15-

BORING 2

HLR
Rice, Berry and Associates
A Division of Hampton, Lenzini and Renwick, Inc.
Civil & Structural Engineers
3085 Stevenson Drive
Suite 201
Springfield, Illinois 62703
217-546-3400
P.O. Box 1036
DuQuoin, Illinois 62832
618-790-4637

Account Number 12-30-0008-1
Date: 01-05-06

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

BORINGS
SECTION 98-02120-00-BR
BOURBON ROAD DISTRICT
DOUGLAS COUNTY
STATION 15+05