F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
310	60-(16B, 16-1B)	MADISON	62	31
STA. 159+94.94		TO STA. 160+53.17		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

Sheet No. 12
12 Sheets

CONTRACT NO. 76567

ILLINOIS DEPARTMENT OF TRANSPORTION
District Eight Materials
SW 1/4, SEC10, T6N, R10W, 3RD P.M.

Bridge Foundation
Boring Log

Sh. 1 of 2

PROJECT D-98-113-96 BRIDGE PROPOSED US 67 OVER TRIBUTARY OF SOUTH BRANCH OF PIASA CREEK Date 06/17/99
ROUTE FAP 310 Bored By LARRY FORD
SEC. 60-16 STA. Checked By T. WECK

COUNTY Madison
EXIST S.N.
Boring No. #1SABUT
Sta 159+50
O/S 55' RT

Surf Wat El.
Grndwater El.
at Compl 522.4
At Hrs

Description	El.	N	Qu t/sf	W %
Ground Surface531.4	0			
BROWN AND GRAY SILT LOAM		4 4 6	S/5 .7	20
527.4				
GRAY SILTY CLAY LOAM	-5	2 4 6	S/15 1.4	18
524.4				
GRAY AND BROWN LOAMY SAND 522.4F.W.		2 2 4	NC	20
521.9	-10	2 4 5	S/10 1.5	21
BROWN AND GRAY CLAY LOAM		4 7 9	S/15 4.0	19
	-15	4 5 7	S/15 1.6	18
		3 5 6	S/15 1.5	21
	-20	3 4 5	B 1.1	21
		3		

Description	El.	N	Qu t/sf	W %
		4 6	S/15 1.4	21
	-25	4 5 6	S/10 1.1	
	-5	7 13 19	S/15 4.5	19
	-30	7 11 15	S/10 3.7	17
499.9				
BROWN SILTY CLAY		6 9 12	S/10 3.1	22
	-35	5 8 9	S/10 2.8	22
492.4				
GRAY AND BROWN CALCARIOUS SHALE	-40	30 50/.2		9
	-45			

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

Project D-98-113-96
Route FAP 310
Sec. 60-16
County Madison
Exist S.N.

Sh. 2 of 2

Boring No. #1SABUT
Sta 159+50
O/S 55' RT

El.	N	Qu t/sf	W %
-45	15 25 50/.3	NC	15
-50	50/.4		20
-55			
-60			
-65			
-70			
-70			
-75			
-80			
-85			
-90			
-95			

481.4
END OF BORING

ILLINOIS DEPARTMENT OF TRANSPORTION
District Eight Materials
SW 1/4, SEC10, T6N, R10W, 3RD P.M.

Bridge Foundation
Boring Log

Sh. 1 of 2

PROJECT D-98-113-96 BRIDGE PROPOSED US 67 OVER TRIBUTARY OF SOUTH BRANCH OF PIASA CREEK Date 06/18/99
ROUTE FAP 310 Bored By LARRY FORD
SEC. 60-16 STA. Checked By T. WECK

COUNTY Madison
EXIST S.N.
Boring No. #2NABUT
Sta 160+84
O/S 34' RT

Surf Wat El.
Grndwater El.
at Compl D.H.
At Hrs

Description	El.	N	Qu t/sf	W %
Ground Surface531.3	0			
GRAY AND BROWN SILT LOAM		2 3 4	S/5 .6	27
526.8				
BROWN AND GRAY SILTY CLAY	-5	2 3 4	S/10 1.0	19
522.8				
522.3BROWN SAND LENSE		1 2 3	S/20 .6	22
BROWN AND GRAY CLAY LOAM	-10	5 7 11	S/20 4.1	13
		10 13 18	S/15 3.6	11
	-15	7 8 10	B 2.9	14
		6 8 10	B 2.0	16
	-20	5 7 8	B 2.4	16
		5		

Description	El.	N	Qu t/sf	W %
		7 8	B 2.0	18
	-25	4 5 6	S/15 1.4	19
		5 8 13	B 4.4	18
	-30	6 12 20	B 4.4	16
495.8				
GRAY WEATHERED SILT STONE 493.8				
GRAY, RED, AND BROWN SHALE	-40	28 50	S/5 4.6	11
	-45			

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

Project D-98-113-96
Route FAP 310
Sec. 60-16
County Madison
Exist S.N.

Sh. 2 of 2

Boring No. #2NABUT
Sta 160+84
O/S 34' RT

El.	N	Qu t/sf	W %
-45	15 24 50/.2	S/5 6.2	11
-50			
-55			
-60			
-65			
-70			
-70			
-75			
-80			
-85			
-90			
-95			

485.3
END OF BORING

SOIL BORING LOGS
FAP 310 (US 67) OVER TRIB
SOUTH BRANCH OF PIASA CREEK
SECTION 60-(16B, 16-1B)
MADISON COUNTY STA 160+24.00
SN 060-0328