ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 57	(X1-6-2)HBL	Williamson	272	167
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

SHEET NO. 32
33 SHEETS

Contract # 98994

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILLINOIS DEPARTMENT OF TRANSPORTATION
District Nine Materials

Bridge Foundation Boring Log
Sheet 1 of 1

Morgan Avenue Over Interstate 57
Route: Morgan Avenue Structure Number: 100-6023 Date: 3/7/2006
Section
Bored By: Bryan Keller
County: Williamson Location: .3 MI. N. Route 13 Checked By: R Moberly

Boring No 3-S-(A)
Station 33+00
Offset CL
Ground Surface 488.2 Ft

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

Description	Elev.	DEPTH	BLOW	Qu tsf	W%
Stiff, moist, brown, Silty Clay A-6			3		
			6	1.1S	25
			6		
	484.2				
Stiff, moist, brown, Silty Clay Loam A-6			3		
		5.0	6	1.7B	18
			6		
	481.7				
Very stiff, moist, brown, Silty Clay to Silty Clay Loam A-6			2		
			5	2.4S	18
			7		
	479.2				
Hard, moist, brown, Silty Clay A-6			4		
		10.0	8	4.3S	22
			9		
			4		
			11	4.5S	26
			19		
	474.2				
Hard, damp, brown, Clay to Silty Clay A7-6			8		
		15.0	17	5.0B	21
			22		
	471.2		13		
Hard, dry, black, Coal			100/11"		
	468.7		100/4"		
		20.0			
Bottom of hole = 19.5 ft					
No free water observed.					
		25.0			

Notes	DEPTH	BLOW	Qu tsf	W%
Elevation referenced to pavement elev at CL of I-57 SB Station 1475+00				
To convert "N" values to "N60" value multiply by 1.25.	30.0			
	35.0			
	40.0			
	45.0			
	50.0			

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

ILLINOIS DEPARTMENT OF TRANSPORTATION
District Nine Materials

Bridge Foundation Boring Log
Sheet 1 of 1

Morgan Avenue Over Interstate 57
Route: Morgan Avenue Structure Number: 100-6023 Date: 5/22/2006
Section
Bored By: Bryan Keller
County: Williamson Location: .3 mile North of Illinois 13 Checked By: Rob Graeff

Boring No 3-S-(A-2)
Station 33+02
Offset CL
Ground Surface 488.2 Ft

Surf Wat Elev: 0.0
Ground Water Elevation
when Drilling
At Completion
At: Hrs:

Description	Elev.	DEPTH	BLOW	Qu tsf	W%
Augered					
		5.0			
		10.0			
		15.0			
	470.2				
Hard, dry, black, Coal					
		20.0	100/9"		
	463.7				
Hard, dry, grey, Clay Shale		25.0	100/12"		

Description	Elev.	DEPTH	BLOW	Qu tsf	W%
	460.7				
Cored from 27.5 ft to 32.5 ft. Hard, dry, grey, Limestone with Clay Shale Seams 100% Recovery 45% RQD		30.0			
	455.7				
Cored from 32.5 ft to 37.5 ft. Hard, dry, grey, Limestone 100% Recovery 70% RQD		35.0			
	450.7				
Bottom of hole = 37.5 ft.					
No free water observed.					
Elevation referenced to Pavement Elev at CL of I 57 SB Station 1475+00.		40.0			
To convert "N" values to "N60" value multiply by 1.25.					
		45.0			
		50.0			

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

THOUVENOT, WADE & MOERCHEN, INC.

TWM

DESIGNED	
CHECKED	
DRAWN	KBF
CHECKED	

SOIL BORING LOGS
MORGAN AVE. OVER I-57
FAI ROUTE 57 - SECTION (X-1-6-2)HBK
WILLIAMSON COUNTY
STATION 34+69.21
STRUCTURE NO. 100-0092

3/19/2007 P:\040600\dgn\Bridge\S32_040600_BLOG2.dgn