

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO. FAI 57	SECTION (X1-6-2)HBL	COUNTY Williamson	POST MILE 272	SHEET NO. 168	SHEET NO. 33 33 SHEETS
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT		

Contract # 98994

ILLINOIS DEPARTMENT OF TRANSPORTATION  
District Nine Materials

Bridge Foundation  
Boring Log

Morgan Avenue Over Interstate 57  
Route: Morgan Avenue Structure Number: 100-6023  
Section: Williamson Location: .3 MI. N. Route 13  
Date: 3/8/2006  
Bored By: Bryan Keller  
Checked By: R Moberly

Boring No. 4-S-(D) Station 35+65 Offset 15' LT CL Ground Surface 468.0 Ft	D E P T H	B L O W S	Qu tsf	W%	Surf Wat Elev: Ground Water Elevation when Drilling At Completion At: Hrs:	D E P T H	B L O W S	Qu tsf	W%
Crushed Aggregate with Cinders									
Hard, damp, brown, Silty Clay Loam A-6		12							
		18	4.0B	10					
		11							
463.0		5.0	9						
Hard, dry, brown, Sandstone			100G						
462.0									
Cored from 8.0 ft to 11.0 ft. Hard, dry, brown to grey, Sandstone 77 % Recovery 56 % RQD									
457.0									
Cored from 11.0 ft to 16.0 ft Hard, dry, grey to brown Sandstone 100 % Recovery 27 % RQD									
452.0									
Cored from 16.0 ft to 21.0 ft. Hard, dry, grey, Sandstone 93 % Recovery 84 % RQD									
447.0									
Bottom of hole = 21.0 ft. No free water observed.									
25.0									

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

ILLINOIS DEPARTMENT OF TRANSPORTATION  
District Nine Materials

Bridge Foundation  
Boring Log

Morgan Avenue Over Interstate 57  
Route: Morgan Avenue Structure Number: 100-6023  
Section: Williamson Location: .3 MI. N. Route 13  
Date: 3/8/2006  
Bored By: Bryan Keller  
Checked By: R Moberly

Boring No. 5-S-(B) Station 1475+07 Mainline 33 Offset 17' LT Morgan Ave Ground Surface 468.3 Ft	D E P T H	B L O W S	Qu tsf	W%	Surf Wat Elev: Ground Water Elevation when Drilling At Completion At: Hrs:	D E P T H	B L O W S	Qu tsf	W%
Crushed Aggregate with Cinders									
Very stiff, damp, grey, Clay A7-6		4							
		8	3.1B	19					
		19							
463.8									
Hard, damp, grey, Clay A7-6		5.0	10						
		21	4.5B	15					
		32							
461.3									
Hard, dry, grey, Sandstone			100G						
460.3									
Cored from 8.0 ft to 13.0 ft. Hard, dry, grey Sandstone with Clay Shale Seams 83 % Recovery 53 % RQD									
455.3									
Cored from 13.0 ft to 18.0 ft. Hard, dry, grey, Sandstone with Clay Shale seams 100 % Recovery 76 % RQD									
450.3									
Cored from 18.0 ft to 23.0 ft. Hard, dry, grey, Sandstone 100 % Recovery 93 % RQD									
445.3									
Bottom of hole = 23.0 ft. No free water observed.									
25.0									

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

THOUVENOT, WADE & MOERCHEN, INC.



DESIGNED	
CHECKED	
DRAWN	KB
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