

ROUTE F.A.I. RTE. 57 DESCRIPTION I-57 at Stuenkel Road Interchange, Contract No. 60L69
 SECTION 99-1HB-R-1 LOCATION SEC. 4, 5, 6, 7 & 8, T. 34 N., R. 13 E., 3rd P.M., Monse Township
 COUNTY Will DRILLING METHOD Hollow Stem Auger HAMMER TYPE Diedrich Automatic

STRUCT. NO. - Station: -
 BORING NO. **RB-057** Station: 511+00 Ramp E
 Offset: 8.0' Left
 Ground Surface Elev. 756.0

Surface Water Elev. n/a
 Stream Bed Elev. n/a
 Groundwater Elevation:
 First Encounter 746.0 ▼
 Upon Completion 748.0 ▼
 After Hrs. ▼

Description	DEPTH (ft)	BLOW S	UCS Qu (tsf)	MOIST (%)	DEPTH (ft)	BLOW S	UCS Qu	MOIST (%)
TOPSOIL-black	-	AS	-	23	-			
	3			102				
	4							
	5	2.2B	22					
SILTY CLAY-dark brown, gray & black-stiff to very stiff (A-6)	2			101				
	3							
	-5	4	1.9B	25	-25			
	2			100				
	2							
	3	1.3B	24					
CLAY-gray-hard (A-6)	6			118				
	8							
	-10	11	5.5B	17	-30			
End Of Boring @ -10.0' Hollow Stem Augers CME Automatic Hammer								
	-15				-35			
	-20				-40			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer) ST-Shelby Tube Sample VS-Vane Shear Test
 The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) The Unit Dry Weight (pcf) is noted in italics above moist (%)
 NR-No Recovery

ROUTE F.A.I. RTE. 57 DESCRIPTION I-57 at Stuenkel Road Interchange, Contract No. 60L69
 SECTION 99-1HB-R-1 LOCATION SEC. 4, 5, 6, 7 & 8, T. 34 N., R. 13 E., 3rd P.M., Monse Township
 COUNTY Will DRILLING METHOD Hollow Stem Auger HAMMER TYPE Diedrich Automatic

STRUCT. NO. - Station: -
 BORING NO. **RB-058** Station: 514+17 Ramp E
 Offset: 50.7' Left
 Ground Surface Elev. 762.0

Surface Water Elev. n/a
 Stream Bed Elev. n/a
 Groundwater Elevation:
 First Encounter Dry ▼
 Upon Completion Dry ▼
 After Hrs. ▼

Description	DEPTH (ft)	BLOW S	UCS Qu (tsf)	MOIST (%)	DEPTH (ft)	BLOW S	UCS Qu	MOIST (%)
TOPSOIL with Stone-black (Fill)	-	AS	-	16	-			
	2							
	2							
	2	2.75P	18					
CLAY-dark brown, gray & black-very stiff (A-6) Fill	3			100				
	4							
	-5	6	2.3B	23	-25			
	2			104				
	4							
	4	2.4B	19					
CLAY-brown & gray-stiff to very stiff (A-6)	3			98				
	3	1.8S						
	-10	3	11.3B	26	-30			
End Of Boring @ -10.0' Hollow Stem Augers Diedrich Automatic Hammer								
	-15				-35			
	-20				-40			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer) ST-Shelby Tube Sample VS-Vane Shear Test
 The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) The Unit Dry Weight (pcf) is noted in italics above moist (%)
 NR-No Recovery