



F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1680	05-00038-00-PV	KANE/KENDALL	130	100
STA.		TO STA.		
FED. ROAD DIST. NO. -		ILLINOIS	FED. AID PROJECT	

PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO.	

LOG OF BORING NO. 16									
CLIENT		PROJECT							
Engineering Enterprises, Inc.		Proposed Baseline Road Realignment							
SITE		TESTS							
Route 30 and Orchard Road		SAMPLES							
Montgomery, Illinois		TESTS							
GRAPHIC LOG	DESCRIPTION	DEPTH, ft	LOGS SYMBOL NUMBER	TYPE	RECOVERY, in.	SPT - N <sup>60</sup> BLOWS / ft	WATER CONTENT, %	DRY UNIT WT pcf	UNCONFINED STRENGTH, pcf
	Approx. Surface Elev.: 888.34 ft								
	0.5' 8" Crushed Stone Base FILL - SANDY LEAN CLAY AND LEAN TO FAT CLAY, TRACE GRAVEL, brown and dark brown	888	1	SS	12	16	16		
	4' BURIED TOPSOIL: LEAN TO FAT CLAY, TRACE GRAVEL, dark gray/black	894.5	2	SS	10	12	19		
	6' LEAN TO FAT CLAY, TRACE SAND, brown, very stiff	892.5	3	SS	10	10	23	5500*	
	9' SILTY FINE TO MEDIUM SAND, WITH GRAVEL, brown	899.5	4	SS	12	10	24	4000*	
	10' BOTTOM OF BORING	888.0	10				8		

LOG OF BORING NO. 17									
CLIENT		PROJECT							
Engineering Enterprises, Inc.		Proposed Baseline Road Realignment							
SITE		TESTS							
Route 30 and Orchard Road		SAMPLES							
Montgomery, Illinois		TESTS							
GRAPHIC LOG	DESCRIPTION	DEPTH, ft	LOGS SYMBOL NUMBER	TYPE	RECOVERY, in.	SPT - N <sup>60</sup> BLOWS / ft	WATER CONTENT, %	DRY UNIT WT pcf	UNCONFINED STRENGTH, pcf
	Approx. Surface Elev.: 886.03 ft								
	1.5' Approx. 18" Topsoil	884.5	1	SS	10	8	25		
	LEAN TO FAT CLAY, TRACE SAND, brown, stiff	883	2	SS	10	11	17	2000*	
	LEAN CLAY, TRACE SAND, brown, stiff	882	3	SS	9	13	13		
	GRAVELLY FINE TO MEDIUM SAND, WITH SILT, brown, medium dense to loose	882	4	SS	10	8	4		
	10' BOTTOM OF BORING	886	10						

LOG OF BORING NO. 18									
CLIENT		PROJECT							
Engineering Enterprises, Inc.		Proposed Baseline Road Realignment							
SITE		TESTS							
Route 30 and Orchard Road		SAMPLES							
Montgomery, Illinois		TESTS							
GRAPHIC LOG	DESCRIPTION	DEPTH, ft	LOGS SYMBOL NUMBER	TYPE	RECOVERY, in.	SPT - N <sup>60</sup> BLOWS / ft	WATER CONTENT, %	DRY UNIT WT pcf	UNCONFINED STRENGTH, pcf
	Approx. Surface Elev.: 666.18 ft								
	TOPSOIL: LEAN TO FAT CLAY, TRACE SAND AND ORGANICS, dark brown/black	666	1	SS	8	8	29		
	LEAN TO FAT CLAY, TRACE SAND AND ORGANICS, dark brown, stiff	663	2	SS	8	11	25	6000*	9000*
	LEAN CLAY, TRACE SAND AND GRAVEL, brown, hard	662	3	SS	6	8	16	6000*	
	FINE TO MEDIUM SAND, WITH SILT, TRACE GRAVEL, brown	657	4	SS	8	12	3		
	10' BOTTOM OF BORING	658	10						

WATER LEVEL OBSERVATIONS, ft  
 WL NONE WD NONE AB  
 BORING STARTED 2-27-07  
 BORING COMPLETED 2-27-07  
 RIG FOREMAN MD  
 APPROVED KND JOB # 11065237

WATER LEVEL OBSERVATIONS, ft  
 WL NONE WD NONE AB  
 BORING STARTED 2-26-07  
 BORING COMPLETED 2-26-07  
 RIG FOREMAN MD  
 APPROVED KND JOB # 11065237

WATER LEVEL OBSERVATIONS, ft  
 WL NONE WD NONE AB  
 BORING STARTED 2-26-07  
 BORING COMPLETED 2-26-07  
 RIG FOREMAN MD  
 APPROVED KND JOB # 11065237

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION	
NAME	DATE	SOIL BORING LOGS	
SCALE:		DRAWN BY: KKP	
DATE: 03-26-09		CHECKED BY: TWW	