



F.A.U. RITE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1680	05-00038-00-PV	KANE/KENDALL	130	96
STA.		TO STA.		
FED. ROAD DIST. NO. _		ILLINOIS	FED. AID PROJECT	

PLAN	REVISIONS	DATE
NO.	PLANNED	
	GRADES CHECKED	
	AS-BUILT	
	FILE NAME	

PROFILE	REVISIONS	DATE
NO.	PLANNED	
	GRADES CHECKED	
	AS-BUILT	
	FILE NAME	

LOG OF BORING NO. 4										
CLIENT		PROJECT								
Engineering Enterprises, Inc.		Proposed Baseline Road Realignment								
SITE		TESTS								
Route 30 and Orchard Road		SAMPLER								
Montgomery, Illinois		TESTS								
GRAPHIC LOG	DESCRIPTION	DEPTH, ft.	USCS SYMBOL	RECOVERY, in.	SPT - N ⁶⁰ BLOWS / ft.	WATER CONTENT, %	DRY UNIT WT pcf	UNCONFINED STRENGTH, psf	ATTENBERG LIMITS, %	
	Approx. Surface Elev.: 660.96 ft									
	SANDY LEAN CLAY, TRACE GRAVEL AND ORGANICS, dark brown, trace brown	0.4	PA	11	14	16				
	FILL: FINE TO MEDIUM SAND WITH SILT, TRACE GRAVEL, brown to silty sand	0.7	PA	8	10	5				
	FILL: SANDY LEAN CLAY, TRACE GRAVEL AND ORGANICS, dark brown	0.8	PA	7	20	16			LL=28 PI=12	
	GRAVELLY SAND, TRACE SILT AND CLAY, brown, very dense	0.9	SP/IGP	6	15/8"	50/2"	4			
	BOTTOM OF BORING	1.0								
	The stratification lines represent the approximate boundary lines between soil and rock types. In-situ, the transition may be gradual.									
	WATER LEVEL OBSERVATIONS, ft		BORING STARTED		2-26-07					
	WL <input checked="" type="checkbox"/> NONE WD <input checked="" type="checkbox"/> NONE AB		BORING COMPLETED		2-26-07					
Terracon		RIG		FOREMAN MD						
APPROVED		KND		JOB # 11095237						

LOG OF BORING NO. 5										
CLIENT		PROJECT								
Engineering Enterprises, Inc.		Proposed Baseline Road Realignment								
SITE		TESTS								
Route 30 and Orchard Road		SAMPLER								
Montgomery, Illinois		TESTS								
GRAPHIC LOG	DESCRIPTION	DEPTH, ft.	USCS SYMBOL	RECOVERY, in.	SPT - N ⁶⁰ BLOWS / ft.	WATER CONTENT, %	DRY UNIT WT pcf	UNCONFINED STRENGTH, psf	ATTENBERG LIMITS, %	
	Approx. Surface Elev.: 665.49 ft									
	Approx. 5" Asphalt	0.4	PA							
	Approx. 3" Gravel Base	0.7	PA							
	FILL: LEAN TO FAT CLAY, TRACE SAND, GRAVEL AND ORGANICS, dark brown, trace brownish gray and brown	0.8	PA	10	24	24				
	LEAN CLAY, TRACE SAND, brown, stiff to very stiff	0.9	CLCH	8	7	23		4000*	LL=37 PI=16	
	FINE TO MEDIUM SAND WITH SILT, TRACE GRAVEL, brown, loose	0.9	SP-SM	10	8	5				
	BOTTOM OF BORING	1.0								
	The stratification lines represent the approximate boundary lines between soil and rock types. In-situ, the transition may be gradual.									
	WATER LEVEL OBSERVATIONS, ft		BORING STARTED		2-26-07					
WL <input checked="" type="checkbox"/> NONE WD <input checked="" type="checkbox"/> NONE AB		BORING COMPLETED		2-26-07						
Terracon		RIG		FOREMAN MD						
APPROVED		KND		JOB # 11095237						

LOG OF BORING NO. 6										
CLIENT		PROJECT								
Engineering Enterprises, Inc.		Proposed Baseline Road Realignment								
SITE		TESTS								
Route 30 and Orchard Road		SAMPLER								
Montgomery, Illinois		TESTS								
GRAPHIC LOG	DESCRIPTION	DEPTH, ft.	USCS SYMBOL	RECOVERY, in.	SPT - N ⁶⁰ BLOWS / ft.	WATER CONTENT, %	DRY UNIT WT pcf	UNCONFINED STRENGTH, psf	ATTENBERG LIMITS, %	
	Approx. Surface Elev.: 666.19 ft									
	Approx. 5" Gravel Base	0.4	PA							
	FILL: CRUSHED LIMESTONE, gray	0.5	SS	2	30/2"	8				
	FILL: SANDY LEAN CLAY, TRACE GRAVEL AND ORGANICS, dark brown and brown	0.6	PA							
	BURIED TOPSOIL: LEAN TO FAT CLAY, TRACE SAND AND ORGANICS, dark brown	0.7	PA							
	SANDY LEAN CLAY, TRACE GRAVEL, dark brown/brown, very stiff	0.8	CL	10	9	20		5000*		
	BOTTOM OF BORING	1.0								
	The stratification lines represent the approximate boundary lines between soil and rock types. In-situ, the transition may be gradual.									
	WATER LEVEL OBSERVATIONS, ft		BORING STARTED		2-26-07					
WL <input checked="" type="checkbox"/> NONE WD <input checked="" type="checkbox"/> NONE AB		BORING COMPLETED		2-26-07						
Terracon		RIG		FOREMAN MD						
APPROVED		KND		JOB # 11095237						

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