CONTRACT NO. 63207

Engineering Enterprises, Inc.	F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	1680	05-00038-00-PV	KANE/KENDALL	130	97
	STA.		TO STA.		
	FED. ROAD DIST. NO. _		ILLINOIS	FED. AID PROJECT	

PLAN

	BY	DATE
SURVEYED		
DRAWN		
ALIGNMENT CHECKED		
NOTE BOOK		
P.T. OF "P" CHECKED		
NO. _____		
ROAD FILE NAME		

LOG OF BORING NO. 7

Page 1 of 1

CLIENT: Engineering Enterprises, Inc.
SITE: Route 30 and Orchard Road, Montgomery, Illinois
PROJECT: Proposed Baseline Road Realignment

GRAPHIC LOG	DESCRIPTION	DEPTH, ft.	USCS SYMBOL	SAMPLES: NUMBER	SAMPLES: TYPE	SAMPLES: RECOVERY, in.	SAMPLES: SPT - N "BLOWS / ft.	TESTS: WATER CONTENT, %	TESTS: DRY UNIT WT pcf	TESTS: UNCONFINED STRENGTH, psf	ATTERBERG LIMITS, %
	Approx. Surface Elev.: 669.32 ft										
	FILL: SANDY LEAN CLAY, TRACE GRAVEL, AND ORGANICS, brown/dark brown				PA						
				1	SS	6	16	22			
					PA						
				2	SS	5	8	13			LL=26 PI=11
		5			PA						
				3	SS	8	4	17			
					PA						
		9		4	SS	6	8	7			
	FINE TO MEDIUM SAND, WITH SILT, TRACE GRAVEL, brown (680.5)	10	SP-SM								
	BOTTOM OF BORING (659.5)										

The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual.
**140 Lbs Automatic SPT Hammer
*Calibrated Hand Penetrometer

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

Terracon

LOG OF BORING NO. 8

Page 1 of 1

CLIENT: Engineering Enterprises, Inc.
SITE: Route 30 and Orchard Road, Montgomery, Illinois
PROJECT: Proposed Baseline Road Realignment

GRAPHIC LOG	DESCRIPTION	DEPTH, ft.	USCS SYMBOL	SAMPLES: NUMBER	SAMPLES: TYPE	SAMPLES: RECOVERY, in.	SAMPLES: SPT - N "BLOWS / ft.	TESTS: WATER CONTENT, %	TESTS: DRY UNIT WT pcf	TESTS: UNCONFINED STRENGTH, psf
	Approx. Surface Elev.: 664.50 ft									
	0.3 Approx. 4" Asphalt (664)				PA					
	FILL: SANDY LEAN CLAY, TRACE GRAVEL, AND ORGANICS, dark brown and brown			1	SS	12	23	13		
	(661.5)	3			PA					
	FILL: LEAN CLAY, TRACE SAND AND GRAVEL, brown and gray			2	SS	8	8	16		
	(659.5)	5			PA					
	LEAN TO FAT CLAY, TRACE SAND, brown, very stiff (658.5)	8	CL/CH	3	SS	14	8	24		
	FINE TO MEDIUM SAND, WITH SILT, TRACE GRAVEL, brown, medium dense		SP-SM					5		
					PA					
			SP-SM	4	SS	12	24	4		
	BOTTOM OF BORING (654.5)	10								

The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual.
**140 Lbs Automatic SPT Hammer
*Calibrated Hand Penetrometer

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

Terracon

LOG OF BORING NO. 9

Page 1 of 1

CLIENT: Engineering Enterprises, Inc.
SITE: Route 30 and Orchard Road, Montgomery, Illinois
PROJECT: Proposed Baseline Road Realignment

GRAPHIC LOG	DESCRIPTION	DEPTH, ft.	USCS SYMBOL	SAMPLES: NUMBER	SAMPLES: TYPE	SAMPLES: RECOVERY, in.	SAMPLES: SPT - N "BLOWS / ft.	TESTS: WATER CONTENT, %	TESTS: DRY UNIT WT pcf	TESTS: UNCONFINED STRENGTH, psf
	Approx. Surface Elev.: 665.76 ft									
	0.3 Approx. 4" Asphalt (665.5)				PA					
	FILL: LEAN CLAY, TRACE SAND AND GRAVEL, brown, grayish brown, trace dark brown			1	SS	12	22	25		
		3.5			PA					
	LEAN TO FAT CLAY, TRACE SAND, brown, stiff (662.3)		CL/CH	2	SS	5	6	26		4000*
	SILTY SAND WITH GRAVEL, TRACE CLAY, brown, medium dense to dense (661)	5			PA					
			SM	3	SS	8	11	7		
					PA					
			SM	4	SS	14	23	4		
		10			PA					
			SM	5	SS	12	34	4		
		15			PA					
		18			▽					
	CLAYEY FINE TO MEDIUM SAND, TRACE GRAVEL, brown, medium dense, wet (646)		SC	6	SS	8	13	14		
	BOTTOM OF BORING	20								

The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual.
**140 Lbs Automatic SPT Hammer
*Calibrated Hand Penetrometer

WATER LEVEL OBSERVATIONS, ft				BORING STARTED	2-27-07		
WL ▽ 16.5	WD ▽ 18	AB		BORING COMPLETED	2-27-07		
WL ▽	▽			RIG		FOREMAN	MD
WL				APPROVED	KND	JOB #	11065237

Terracon

PROFILE

	BY	DATE
SURVEYED		
DRAWN		
CHECKED		
NOTE BOOK		
NO. _____		

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS

SCALE:
DRAWN BY: KKP
DATE: 03-26-09
CHECKED BY: TVW

Plotted: June 26, 2009 @ 8:26 AM By: Kris Pung - Tab: 97 Soil Boring 22x34

Path: H:\SDSKPROJ\M00755\DWG\ENG FINAL ENG\M00755-SOIL BORE