CONTRACT NO. 63207

Engineering Enterprises, Inc.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1680	05-00038-00-PV	KANE/KENDALL	130	99
STA.		TO STA.		
FED. ROAD DIST. NO. _		ILLINOIS	FED. AID PROJECT	

PLAN — SURVEYED / PLOTTED / GRADES CHECKED / STAKING NOTE BOOK / NO. / R.O.W. CHECKED / FIELD BOOK / FILE NAME / BY / DATE

PROFILE — SURVEYED / PLOTTED / GRADES CHECKED / STAKING NOTE BOOK / NO. / R.O.W. CHECKED / FIELD BOOK / FILE NAME / BY / DATE

LOG OF BORING NO. 13

Page 1 of 1

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

Approx. Surface Elev.: 668.78 ft

DESCRIPTION	Depth, ft.	USCS Symbol	Sample Number	Sample Type	Recovery, in.	SPT - N "* Blows / ft.	Water Content, %	Dry Unit Wt pcf	Unconfined Strength, psf
0.3 Approx. 3" Asphalt — 668.5				PA					
SANDY LEAN CLAY, TRACE GRAVEL, dark brown/brown			1	SS	12	23	11		
				PA					
5 — 664	5		2	SS	8	10	14		
LEAN TO FAT CLAY, TRACE SAND, brown, very stiff		CL/CH	3	SS	6	9	25		6000*
7.5 — 661.5				PA					
LEAN CLAY, TRACE SAND AND GRAVEL, brown, very stiff — 660		CL	4	SS	10	11	21		6000*
FINE TO MEDIUM SAND, WITH SILT, TRACE GRAVEL, brown — 659	10	SP-SM					6		
BOTTOM OF BORING									

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				
WL ▽ NONE	WD	▽ NONE	AB	
WL ▽		▽		
WL				

Terracon

BORING STARTED	2-27-07		
BORING COMPLETED	2-27-07		
RIG		FOREMAN	MD
APPROVED	KND	JOB #	11065237

LOG OF BORING NO. 14

Page 1 of 1

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

Approx. Surface Elev.: 669.35 ft

DESCRIPTION	Depth, ft.	USCS Symbol	Sample Number	Sample Type	Recovery, in.	SPT - N "* Blows / ft.	Water Content, %	Dry Unit Wt pcf	Unconfined Strength, psf
0.3 Approx. 4" Asphalt — 669				PA					
FILL: SANDY LEAN CLAY, WITH SAND AND TOPSOIL POCKETS, dark brown and brown			1	SS	10	16	19		
				PA			7		
4 — 665.5			2	SS	8	11	8		
LEAN TO FAT CLAY, TRACE SAND, brown, very stiff	5	CL/CH					26		6000*
			3	SS	8	10	25		6000*
				PA					
8 — 661.5									
CLAYEY FINE TO MEDIUM SAND, TRACE GRAVEL, brown, medium dense		SC	4	SS	10	16	9		
10 — 659.5	10								
BOTTOM OF BORING									

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				
WL ▽ NONE	WD	▽ NONE	AB	
WL ▽		▽		
WL				

Terracon

BORING STARTED	2-27-07		
BORING COMPLETED	2-27-07		
RIG		FOREMAN	MD
APPROVED	KND	JOB #	11065237

LOG OF BORING NO. 15

Page 1 of 1

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

Approx. Surface Elev.: 668.57 ft

DESCRIPTION	Depth, ft.	USCS Symbol	Sample Number	Sample Type	Recovery, in.	SPT - N "* Blows / ft.	Water Content, %	Dry Unit Wt pcf	Unconfined Strength, psf
0.3 Approx. 4" Asphalt — 668.5				PA					
1.5 Approx. 14" Gravel base — 667			1	SS	12	23	22		
SANDY LEAN CLAY AND LEAN TO FAT CLAY, TRACE SAND, OCCASIONAL SAND POCKETS, brown and dark brown				PA					
	5		2	SS	2	7	20		
5.5 — 662.5				PA					
SILTY SAND WITH GRAVEL, TRACE CLAY, brown, medium dense		SM	3	SS	8	12	10		
				PA					
		SM	4	SS	12	13	5		
10 — 658.5	10								
BOTTOM OF BORING									

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				
WL ▽ NONE	WD	▽ NONE	AB	
WL ▽		▽		
WL				

Terracon

BORING STARTED	2-27-07		
BORING COMPLETED	2-27-07		
RIG		FOREMAN	MD
APPROVED	KND	JOB #	11065237

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS

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

Plotted: June 26, 2009 @ 8:27 AM By: Kris Pung - Tab: 99 Soil Boring 22x34

Path: H:\SSSKPROJ\M007735\DWG\DWG FINAL ENG\M007735-SOIL BORE