STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 351	2008-001VB	COOK	579	489
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 25
26 SHEETS
CONTRACT NO. 60E10

BORING NO. E-7

Everest Engineering Company

STRUCTURE BORING LOG

Page 1 of 2
Date 62601

ROUTE U.S. 6 DESCRIPTION U.S. ROUTE 6, FROM I-294 TO ILLINOIS ROUTE 1

SECT. STRUCT. NO. 016-2822 DRILLED BY PATRICK DRILLING

COUNTY COOK LOCATION MEDIAN, E. OF CENTER PIER S. 17, TWP. 36 N, RNG. 12 E

Boring No. E-7
Station 96+91.60
Offset 0.00ft L/RT
Surface Elev. 600.00 ft

Surface Water Elev. N/A
Groundwater Elev.:
when drilling
at Completion
after Hrs.

Description	Elev.	DEPTH	BLOWS	Qu tsf	W %
ASPHALT	599.91				
CONCRETE	599.50				
Medium Dense, Brown SAND FILL	599.00		4 7 10	3.3 S	15
Very Stiff to Hard, Gray SILTY CLAY LOAM traces - sand and gravel			5 9 17	2.9 S	11
		-5			
			6 17 20	6.8 S	11
			6 14 19	7.8 S	12
		-10			
Very Dense to Extremely Dense, Gray SILTY LOAM traces - sand and gravel	589.50		11 31 40		9
			24 41 29		11
		-15			
			12 50/5"		7
BOULDERS AND COBBLES	582.00				
Extremely Dense, Gray SILT with GRAVEL little - sand	580.50	-20			
			44 50/3"		10
			50/3"		11
	575.50	-25			

Description	Elev.	DEPTH	BLOWS	Qu tsf	W %
BOULDERS AND COBBLES					
Extremely Dense, Gray SILT with GRAVEL FOR ROCK CORES SEE PAGE 2	573.50		50/0"		
	572.00				
		-30			
		-35			
		-40			
		-45			
		-50			

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test
Stations, Depths, Offset, and Elevations are in Feet

BORING NO. E-7

Everest Engineering Company

STRUCTURE ROCK CORING LOG

Page 2 of 2
Date 62601

ROUTE U.S. 6 DESCRIPTION U.S. ROUTE 6, FROM I-294 TO ILLINOIS ROUTE 1

SECT. STRUCT. NO. 016-2822 DRILLED BY PATRICK DRILLING

COUNTY COOK

Boring No. E-7
Station 96+91.60
Offset 0.00ft L/RT
Surface Elev. 600.00 ft

Core Type NX
Core Diameter 2 in
Core Length 20 ft

Top Elev. ft	Coring Notes and Rock Description	Core Run (#)	RECOVERY (%)	RQD (%)	CORE TIME (Min/ft)	COMP. STRNGTH (tsf)
572.00	DOLOMITE (RACINE FORMATION): Gray, massive, hard, fine grained, thin to thick bedded, slightly fractured	1	98	82	4	
	-30.0					1400.4
						1385.7
	-35.0					
		2	97	85	5	
	-40.0					
	-45.0					
552.00	END OF BORING					

Color pictures of the cores YES

Cores will be stored for examination until DECEMBER, 2001.

3/13/2008 1:26:55 PM

g:\17049.069\structures\2822 e-r\dwg\25 soil borings.dgn

DESIGNED	MDS
CHECKED	JPB
DRAWN	MDS
CHECKED	JPB

URS
100 South Wacker Drive,
Suite 500
Chicago, IL 60606
(312) 939-1000

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
US RTE 6 FROM I-294 TO IL RTE 1

SOIL BORINGS

CN THOROUGHFARE TRACK
BRIDGE 20.6E OVER U.S. RTE. 6 (159TH STREET)
STATION 96+36.66 STRUCTURE NO. 016-2822
SCALE: DATE: 2/21/2008