ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 351	2008-001VB	COOK	579	410
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 25
25 SHEETS

CONTRACT NO. 60E10

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BORING LOG E-8

Everest Engineering Company

STRUCTURE BORING LOG

Page 1 of 1
Date 61801

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

SECT. STRUCT. NO. 016-2819 DRILLED BY PATRICK DRILLLING

COUNTY COOK LOCATION BEHIND S. ABUTMENT, WEST END S. 17 , TWP. 36 N , RNG. 12 E

Boring No. E-8
Station 93+56.96
Offset 47.00ft RT
Surface Elev. 619.00 ft

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

Description	Elev.	DEPTH	BLOWS	Qu tsf	W %
CRUSHED AGGREGATE	618.92				
MISCELLANEOUS FILL: sand, gravel, crushed aggregate, slag, coal, and glass			10 6 8		16
	591.00				
Extremely Dense, Gray SILTY LOAM traces to little - sand and gravel			4 5 7		18
		-5			
			3 3 3		18
			4 3 2		25
		-10			
FILL	607.50				
Stiff to Very Stiff, Brown and Gray CLAY traces - sand and gravel			4 5 5	1.0 B	23
	580.50				
AUGER REFUSAL			4 5 7	2.1 B	23
		-15			
			4 6 11	1.0 B	18
			6 11 14	1.2 B	17
		-20			
	598.50				
Stiff to Hard, Gray SILTY CLAY LOAM traces - sand and gravel			10 14 33	1.7 S	8
			11 28 39	4.5 P	10
		-25			

Description	Elev.	DEPTH	BLOWS	Qu tsf	W %
			12 23 28	4.2 B	17
		-30			
			26 50/5"		11
		-35			
			16 50/4"		16
		-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

3/13/2008 10:52:59 AM

q:\17049.069\structures\2819_w_r\dwg\25_bor_log2.dgn

DESIGNED	AEU
CHECKED	JPB
DRAWN	AEU
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 GATEWAY LEAD TRACK
BRIDGE 20.6E OVER U.S. RTE. 6 (159TH STREET)
STATION 93+69.01 STRUCTURE NO. 016-2819
SCALE: N.T.S. DATE: 2/21/2008