ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 351	2008-001VB	COOK	579	463
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 53
54 SHEETS

CONTRACT NO. 60E10

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Everest Engineering Company

STRUCTURE BORING LOG

Page 1 of 1
Date 62701

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

SECT. STRUCT. NO. 016-2820 DRILLED BY PATRICK DRILLING

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

Boring No. E-10
Station 95+21.00
Offset 48.00ft RT
Surface Elev. 620.00 ft

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

Description	Elev.	DEPTH	BLOWS	Qu tsf	W %
ASPHALT	619.83				
CRUSHED AGGREGATE	618.50				
MISCELLANEOUS FILL: sand, gravel, slag, cinders, pieces of glass and wood			9, 19, 11		5
		-5	4, 6, 9		6
		-10	2, 3, 3		17
		-15	4, 11, 13		11
FILL	609.50				
Stiff, Brown, Gray and Black, SILTY CLAY traces - sand, gravel and topsoil			4, 3, 4	1.1 B	31
FILL	607.00				
TOPSOIL	606.25				
Stiff to Very Stiff, Brown and Gray SILTY CLAY traces - sand and gravel			2, 4, 5	1.2 B	24
		-20	6, 10, 10	3.3 B	16
		-25	3, 8, 14	2.3 S	17
	599.50				
Hard, Gray SILTY CLAY LOAM traces - sand and gravel			5, 13, 21	4.0 S	11
	597.00				
Extremely Dense, Gray SILTY LOAM traces - sand and gravel			14, 39, 50		10
	595.00				
Hard, Gray SILTY CLAY LOAM traces - sand and gravel			11, 24, 30	5.8 B	14
	592.00				
Very Dense to Extremely Dense, Gray SILTY LOAM traces - sand and gravel			13, 22, 604.5"		13
		-30			
		-35	19, 30, 36		14
	583.50				
Extremely Dense, Gray SANDY LOAM little - gravel			503"		15
		-40			
	577.50				
Extremely Dense, Gray SILTY LOAM traces - sand and gravel			46, 502"		9
		-45			
	574.74				
AUGER REFUSAL		-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

DESIGNED	EV
CHECKED	NPP
DRAWN	EV
CHECKED	NPP

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

STRUCTURES FOR CN INTERMODAL
YARD VEHICLES OVER U.S. RTE. 6 (159TH STREET)

STATION 95+02.14 STRUCTURE NOS. 016-2820 & 016-2821
SCALE: DATE: 2/21/2008

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