F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94	*	COOK	631	339
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

* (2425 & 2626) R-2 CONTRACT NO. 62111

Boring No. 108, Page 1 of 1

Everest Engineering Company

STRUCTURE BORING LOG

Page 1 of 1

Date 2/4/02

ROUTE FAI 80/94 DESCRIPTION KINGERY EXPRESSWAY

SECT. WEST OF IL 83 TO EASTOF BURNHAM AVE. STRUCT. NO. 016-W849 DRILLED BY PATRICK DRILLING INC.

COUNTY COOK LOCATION I-94 WB S. ___ TWP. 36 N RNG. 14E/15 E

Boring No. 108
Station 6+103 (CL I-80/94)
Offset 39.00m LT.
Surface Elev. 183.00 m

Surface Water Elev.
Groundwater Elev.:
when drilling
at Completion
after ___ Hrs.

	Elev.	DEPTH	BLOWS	Qu kPa	W %
ASPHALT	182.80				
CRUSHED STONE	182.55		6 7 8	240 S	17
Medium Stiff to Very Stiff, Brown, Gray, and Black SILTY CLAY trace - gravel Brown and Gray after 0.9 m					
			4 5 7	201 B	21
		-1.5			
			2 4 5	249 B	22
			4 5 8	77 B	18
		-3.0			
Grey after 3.15 m					
			4 5 6	163 S	19
Medium Dense, Gray SILTY LOAM	179.10				
			5 7 7		19
Stiff to Very Stiff, Gray SILTY CLAY LOAM trace - gravel	178.35	-4.5			
			3 3 5	220 S	20
			2 4 5	240 B	20
		-6.0			
END OF BORING	169.50				
			2 3 6	201 B	17
			2 4 7	249 B	20
		-7.5			

DEPTH	BLOWS	Qu kPa	W %
	2 3 6	201 B	20
	2 4 5	240 B	21
-9.0			
	3 4 6	172 B	22
-10.5			
	2 3 5	163 B	23
-12.0			
	3 7 10	316 B	19
-13.5			
-15.0			

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 Meters

Boring No. 130, Page 1 of 1

Everest Engineering Company

STRUCTURE BORING LOG

Page 1 of 1

Date 12/27/01

ROUTE FAI 80/94 DESCRIPTION KINGERY EXPRESSWAY

SECT. WEST OF IL 83 TO EASTOF BURNHAM AVE. STRUCT. NO. 016-W849 DRILLED BY PATRICK DRILLING INC.

COUNTY COOK LOCATION I-94 WB S. ___ TWP. 36 N RNG. 14E/15 E

Boring No. 130
Station 6+559 (CL I-80/94)
Offset 33.00m LT.
Surface Elev. 183.00 m

Surface Water Elev.
Groundwater Elev.:
when drilling
at Completion
after ___ Hrs.

	Elev.	DEPTH	BLOWS	Qu kPa	W %
ASPHALT	182.87				
CRUSHED STONE	182.77				
Medium Dense, Gray SILTY LOAM trace to little - gravel			4 5 6		17
Stiff to Very Stiff, Brown and Gray SILTY CLAY trace - gravel	182.10				
			3 5 7	297 B	22
		-1.5			
			2 3 4	172 B	19
			2 4 6	364 B	19
		-3.0			
			3 4 10	220 B	18
			2 4 6	201 B	17
Dense, Gray SILTY LOAM	178.35	-4.5			
END OF BORING	171.00				
			11 18 15		19
Stiff to Very Stiff, Gray SILTY CLAY LOAM trace - gravel	177.60				
			2 3 4	201 B	21
		-6.0			
			3 4 7	249 B	16
		-7.5			

DEPTH	BLOWS	Qu kPa	W %
	3 4 5	297 B	19
	3 4 6	297 B	20
-9.0			
	3 4 7	240 B	20
-10.5			
	2 4 5	230 B	21
-12.0			
-13.5			
-15.0			

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 Meters

Boring No. 603, Page 1 of 1

Everest Engineering Company

STRUCTURE BORING LOG

Page 1 of 1

Date 3/14/02

ROUTE FAI 80/94 DESCRIPTION KINGERY EXPRESSWAY

SECT. WEST OF IL 83 TO EASTOF BURNHAM AVE. STRUCT. NO. ___ DRILLED BY PATRICK DRILLING INC.

COUNTY COOK LOCATION WB I-94 S. ___ TWP. 36 N RNG. 14E/15 E

Boring No. 603
Station 4+576 (CL I-80/94)
Offset 23.0m LT. (CL I-80/94)
Surface Elev. 183.20 m

Surface Water Elev.
Groundwater Elev.:
when drilling
at Completion
after ___ Hrs.

	Elev.	DEPTH	BLOWS	Qu kPa	W %
ASPHALT	182.93				
CRUSHED AGGREGATE	182.78		4 6 8	316 S	16
Very Stiff to Hard, Brown, Gray and Black SILTY CLAY trace - gravel Brown and Gray after 0.9 m					
			4 6 8	316 S	19
		-1.5			
			5 7 9	431 B	19
		-3.0	5 5 7	354 B	16
Medium Dense, Gray SILTY LOAM	180.05				
			3 5 6		19
Medium Dense, Gray SILT	179.30				
			6 9 10		19
Loose, Gray SILTY LOAM	178.55	-4.5			
			4 3 2		21
		-6.0			
			2 3 3		21
Medium Stiff, Gray SILTY CLAY LOAM trace - gravel	177.05				
			1 2 2	57 B	25
		-7.5	1 1 2	77 B	25

DEPTH	BLOWS	Qu kPa	W %
	1 2 3	77 B	32
	1 2 3	57 B	30
-9.0			
END OF BORING	174.20		
-10.5			
-12.0			
-13.5			
-15.0			

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 Meters

BORING CORRELATION TABLE

	Sign Structure No.	Station	Drilled Shaft Location	Corresponding Boring No.
**	IC0161080L162.1	5+658.000	27.254 m Lt.	603
**	IC0161080L162.3	6+100.000	22.56 m Lt.	108
	IS0161080L162.6	6+546.200	0.0 m	130

* See 1 of 23 for Sign Structure elevations.
** For Information Only.

23 of 23

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. ROUTE 80/94 (KINGERY EXPRESSWAY)
EB & WB INSIDE LANES (MAINLINE) CONSTRUCTION
COOK COUNTY

BORING LOGS

SCALE:
DATE: 7/18/2005

DRAWN BY: NK
CHECKED BY: VCP

TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
CHICAGO, ILLINOIS

BA/ZEK/J
J:\DGN\80\80W\80W_INSIDE_LANES\80W_INSIDE_LANES_MAINLINE\80W_INSIDE_LANES_MAINLINE_CONSTRUCTION\80W_INSIDE_LANES_MAINLINE_CONSTRUCTION_BORINGS.DGN
7-12-2005,1:24:00 PM
C:\DOCUMENT\93750\STRUCTURE\DGN\80705I2A.DGN