

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80/94		COOK	631	357
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		• (2425 & 2626) R-2 CONTRACT NO. 62111		

Boring No. 233, Page 1 of 1

Everest Engineering Company  
STRUCTURE BORING LOG

Page 1 of 1  
Date 12/13/01

ROUTE: FAI 8094 DESCRIPTION: KINGERY EXPRESSWAY

SECT: WEST OF I. 83 TO EAST OF BURHAM AVE. COUNTY: COOK LOCATION: CD ROAD-8094 S. TWP. 36 N. R. 14 E. 14E15 E.

Boring No. 233 Station 6+524 (CL 18094) Offset 33.00m RT. Surface Elev. 192.75 m

Depth (m)	Soil Description	D	B	Qu	W	Surface Water Elev.	D	B	Qu	W
182.45	Very Stiff to Hard, Gray SILTY CLAY trace - gravel and roots	2	354	20			1	220	21	
	Brown and Gray after 0.9 m	4	230	22			3	278	20	
	Medium Dense, Gray SILTY LOAM	1	450	20			3	240	21	
	Soft to Very Stiff, Gray SILTY CLAY LOAM trace - gravel	1	38	26			2	248	18	
	Hard, Gray CLAY LOAM (Hardpan) trace to little - gravel	2	115	22			2	163	23	

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. 235, Page 1 of 1

Everest Engineering Company  
STRUCTURE BORING LOG

Page 1 of 1  
Date 12/14/01

ROUTE: FAI 8094 DESCRIPTION: KINGERY EXPRESSWAY

SECT: WEST OF I. 83 TO EAST OF BURHAM AVE. COUNTY: COOK LOCATION: CD ROAD-8094 S. TWP. 36 N. R. 14 E. 14E15 E.

Boring No. 235 Station 6+555 (CL 18094) Offset 29.50m RT. Surface Elev. 182.40 m

Depth (m)	Soil Description	D	B	Qu	W	Surface Water Elev.	D	B	Qu	W
182.10	Stiff to Hard, Brown and Gray SILTY CLAY trace - gravel and roots	2	296	20			3	240	21	
	Gray after 1.65 m	3	183	20			3	260	21	
	Loose, Gray SILTY LOAM	2	115	22			2	163	23	
	Hard, Gray CLAY LOAM (Hardpan) trace to little - gravel	2	115	22			2	163	23	

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. 237, Page 1 of 1

Everest Engineering Company  
STRUCTURE BORING LOG

Page 1 of 1  
Date 12/17/01

ROUTE: FAI 8094 DESCRIPTION: KINGERY EXPRESSWAY

SECT: WEST OF I. 83 TO EAST OF BURHAM AVE. COUNTY: COOK LOCATION: CD ROAD-8094 S. TWP. 36 N. R. 14 E. 14E15 E.

Boring No. 237 Station 6+555 (CL 18094) Offset 33.00m RT. Surface Elev. 181.90 m

Depth (m)	Soil Description	D	B	Qu	W	Surface Water Elev.	D	B	Qu	W
181.90	Stiff to Hard, Brown and Gray SILTY CLAY trace - gravel and roots	2	479	17			3	201	20	
	Gray after 1.65 m	2	220	19			2	183	20	
	Medium Dense, Gray SILTY LOAM	4	7	7			4	540	21	
	Soft to Very Stiff, Gray SILTY CLAY LOAM trace - gravel	3	153	20			4	378	20	
	Medium Dense, Gray SILTY LOAM	9	11	12			2	259	20	

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. 234, Page 1 of 1

Everest Engineering Company  
STRUCTURE BORING LOG

Page 1 of 1  
Date 12/14/01

ROUTE: FAI 8094 DESCRIPTION: KINGERY EXPRESSWAY

SECT: WEST OF I. 83 TO EAST OF BURHAM AVE. COUNTY: COOK LOCATION: CD ROAD-8094 S. TWP. 36 N. R. 14 E. 14E15 E.

Boring No. 234 Station 6+530 (CL 18094) Offset 29.50m RT. Surface Elev. 182.50 m

Depth (m)	Soil Description	D	B	Qu	W	Surface Water Elev.	D	B	Qu	W
182.20	Very Stiff to Hard, Brown and Gray SILTY CLAY trace - gravel and roots	2	296	19			3	201	21	
	Gray after 2.4 m	3	183	20			3	259	21	
	Loose, Gray SILTY LOAM trace - gravel	2	240	18			4	163	20	
	Hard, Gray CLAY LOAM (Hardpan) trace to little - gravel	2	115	22			2	163	23	

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. 236, Page 1 of 1

Everest Engineering Company  
STRUCTURE BORING LOG

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Date 12/17/01

ROUTE: FAI 8094 DESCRIPTION: KINGERY EXPRESSWAY

SECT: WEST OF I. 83 TO EAST OF BURHAM AVE. COUNTY: COOK LOCATION: CD ROAD-8094 S. TWP. 36 N. R. 14 E. 14E15 E.

Boring No. 236 Station 6+570 (CL 18094) Offset 35.00m RT. Surface Elev. 182.30 m

Depth (m)	Soil Description	D	B	Qu	W	Surface Water Elev.	D	B	Qu	W
182.00	Stiff to Hard, Brown and Gray SILTY CLAY trace - gravel and roots	2	172	21			2	240	20	
	Brown after 1.65 m	2	383	20			3	316	20	
	Gray after 2.4 m	3	183	20			3	259	21	
	Medium Dense, Gray SILTY LOAM	2	201	18			3	278	19	
	Hard, Gray SILTY CLAY LOAM trace - gravel	5	383	20			2	163	23	

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. 238, Page 1 of 1

Everest Engineering Company  
STRUCTURE BORING LOG

Page 1 of 1  
Date 1/20/02

ROUTE: FAI 8094 DESCRIPTION: KINGERY EXPRESSWAY

SECT: WEST OF I. 83 TO EAST OF BURHAM AVE. COUNTY: COOK LOCATION: CD ROAD-8094 S. TWP. 36 N. R. 14 E. 14E15 E.

Boring No. 238 Station 6+700 (CL 18094) Offset 32.50m RT. Surface Elev. 181.70 m

Depth (m)	Soil Description	D	B	Qu	W	Surface Water Elev.	D	B	Qu	W
181.65	Stiff to Very Stiff, Brown and Gray SILTY CLAY trace - gravel	3	201	20			3	220	21	
	Gray after 2.4 m	2	183	19			3	192	21	
	Medium Dense, Brown SANDY LOAM trace - gravel	3	144	18			4	163	20	
	Stiff, Gray SILTY CLAY LOAM trace - gravel	2	192	19			4	335	18	
	Loose to Medium Dense, Gray SILTY LOAM	2	115	14			4	163	20	

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

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 12/3/01 10:18:15

\*\*\* 2001-167R, (2425 & 2626) R-1 AND (2425 & 2626) R-2  
 ILLINOIS DEPARTMENT OF TRANSPORTATION  
 F.A.I. ROUTE 80/94 (KINGERY EXPRESSWAY)  
 EB & WB INSIDE LANES (MAINLINE) CONSTRUCTION  
 RETAINING WALL - STRUCTURE NO. 016-W850  
 SECTIONS \*\*\*  
 COOK COUNTY

SHT. RW850-57 OF 58

REVISIONS	
NAME	DATE

BORING LOGS VI

DATE: 7/18/2005

DRAWN BY: CHECKED BY: MJK

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