

Everest Engineering Company
STRUCTURE BORING LOG

Page 1 of 1
Date 4/29/03

ROUTE FAI 90/94 DESCRIPTION DAN RYAN EXPRESSWAY
 SECT. 31ST STREET TO 47TH STREET STRUCT. NO. _____ DRILLED BY PATRICK DRILLING INC.
 COUNTY COOK LOCATION WALL 060 S. _____, TWP. 38 N, RNG. 14 E

Boring No. W-060-5 D E L P O T H Qu W
 Station 3534+37 (SB LOCAL) Groundwater Elev. 6.5 P O T H Qu W
 Offset 91.6 LT. OF SB LOCAL BL when drilling _____ S _____
 at Completion _____
 after _____ Hrs. _____

Surface Elev. 15.0 ft

ASPHALT PAVEMENT	14.8								
CONCRETE PAVEMENT	14.8								
Medium Dense, Brown SANDY LOAM		4		2			3	1.2	21
trace - gravel		9					31	B	
FILL	12.0	11					17		
Medium Dense, Brown SANDY LOAM		2		5			17	7.8	11
trace - gravel		6					23	S	
		8					25		
		2		7					
		4							
		6							
	6.0								
Very Loose to Loose, Gray SILT		2		22					
trace - sand and gravel		2							
		3							
		2		27					
		1							
		0							
		0		27					
	-0.5								
Medium Stiff to Stiff, Gray SILTY CLAY		1	0.8	25					
trace - sand and gravel		1	B						
		1							
		0	0.5	26					
		1	B						
		1							
		2	0.9	23					
		3	B						
		4							
		3	1.5	20					
		3	B						
		4							

END OF BORING

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 W-060-5

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 COUNTY COOK LOCATION WALL 060 S. _____, TWP. 38 N, RNG. 14 E

Boring No. W-060-6 D E L P O T H Qu W
 Station 3532+70 (SB LOCAL) Groundwater Elev. 8.2 P O T H Qu W
 Offset 100.9 LT. OF SB LOCAL BL when drilling _____ S _____
 at Completion _____
 after _____ Hrs. _____

Surface Elev. 15.2 ft

ASPHALT PAVEMENT	15.0								
CONCRETE PAVEMENT	14.2								
Medium Dense, Brown SANDY LOAM		9		14					
some - topsoil		9						5	3.3
trace - brick and gravel		13						7	B
FILL	12.2							9	
Loose to Medium Dense, Brown SANDY LOAM		5		6					
trace - gravel		12						15	10.3
		13						29	S
								32	
		3		17					
		3							
		5							
Gray below 8.0 feet									
		2		21					
		3							
		3							
	4.7								
Very Loose, Gray SILT		2		28					
trace - sand and gravel		1							
		1							
		0		27					
		1							
		1							
	-0.3								
Stiff to Very Stiff, Gray SILTY CLAY		2	1.6	24					
trace - sand and gravel		2	B						
		2							
		1	1.0	23					
		3	B						
		5							
		3	1.3	21					
		5	B						
		6	2.3	19					
		7	B						
		9							

END OF BORING

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 W-060-6

BOWMAN, BARRETT & ASSOCIATES INC.
 CONSULTING ENGINEERS
 Chicago, Illinois
 312.228.0100
 www.bbainc.com

REVISIONS	
NAME	DATE

SHEET 24 OF 24

ILLINOIS DEPARTMENT OF TRANSPORTATION
 F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
 GARFIELD BLVD TO 31ST STREET (SB LOCAL LANES)
 COOK COUNTY
 STA. 3532+90.57 TO STA. 3543+57.42
 RETAINING WALL S-45S-F
 SOIL BORINGS 3
 S.N. 016-W978

SCALE: NTS DRAWN BY: MTR
 DATE: JUNE 9, 2006 CHECKED BY: BLU

W-060-COOP-DIVISION-DRET WALL-060-USE-WALL-060-DIV-DRET 4/30/06