

Everest Engineering Company
STRUCTURE BORING LOG

Page 1 of 2
Date 8/28/00

ROUTE FAI 90/94 DESCRIPTION I-90/94 KENNEDY EXPRESSWAY (HUBBARDS CAVE TO I-290)
SECT. 101.6 (1P, 2P) & 202.6 (1P) STRUCT. NO. _____ DRILLED BY PATRICK DRILLING INC.
COUNTY COOK LOCATION BETWEEN MONROE AND ADAMS S. 9, TWP. 39N, RNG. 14 EAST

Boring No.	Station	Offset	Surface Elev.	DEPTH	BLOW	Qu	W	Surface Water Elev.	Groundwater Elev. when drilling	Groundwater Elev. at Completion	DEPTH	BLOW	Qu	W
H-1	7+28	19.00ft RT	588.35 ft					N/A	521.3	523.3				
				H	S	tsf	%				H	S	tsf	%
Asphalt Pavement			588.15											
Concrete Pavement			587.55											
Medium Dense, Gray Crushed Aggregate traces - fines			586.35		2	3.5	17					0	0.33	23
(FILL)					4	P						1	B	
Medium Stiff to Very Stiff, Brownish Gray and black SILTY CLAY traces to little - sand, gravel, organics, wood and glass			582.85		8							2		
(FILL)					3	0.91	22					0	0.25	24
Very soft to Medium Stiff, Gray CLAY/SILTY CLAY traces - sand and gravel					3	B						0	B	
(FILL)					5							2		
					1	0.21	23					0	0.29	24
					1	B						0	B	
					2							1		
					0	0.16	24					0	0.29	24
					1	P						0	B	
					1							1		
					0	0.12	26					0	0.41	24
					0	B						2	B	
					0							2		
					1							2		
					0	0.21	23					0	0.50	18
					0	B						3	B	
					2							5		
					0	0.25	24					2	1.07	19
					0	B						5	B	
					2							7		

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

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Page 2 of 2
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STRUCTURE NO. _____
ROUTE FAI 90/94
SECTION 101.6 (1P, 2P) & 202.6 (1P)
COUNTY COOK

Boring No.	Station	Offset	Surface Elev.	DEPTH	BLOW	Qu	W	Surface Water Elev.	Groundwater Elev. when drilling	Groundwater Elev. at Completion	DEPTH	BLOW	Qu	W
H-1	7+28	19.00ft RT	588.35 ft											
				H	S	tsf	%				H	S	tsf	%
BORING COMPLETED AT 76.0 FEET														
Medium Dense, Gray SILTY LOAM traces - sand			583.85		7	3.5	15					11	P	
					11							13		
Very Stiff, Gray SILTY CLAY traces - sand and gravel			529.35		4	2.58	12					14	B	
					14							15		
Dense, Gray SANDY LOAM little - gravel			524.35		6	3.13	11					18	B	
					18							30		
Stiff, Gray SILTY CLAY traces - sand and gravel			520.35		2	1.03	25					5	B	
					5							7		
Dense, Gray SANDY LOAM little - gravel			516.35		6	-	14					10	-	
					10							23		
					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 Feet

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DESIGNED	CMF
CHECKED	LTX
DRAWN	DPW
CHECKED	JMM



85 W. Algonquin Rd. Ste. 220
Arlington Heights IL 60005

REVISIONS	
NAME	DATE

RETAININGWALL RAMP H
BORINGS LOGS
I-90/94 KENNEDY EXPRESSWAY
(HUBBARDS CAVE TO I-290)
SECT. (202.6 - 2P, ETC, 1415 & 1517) R-7
STATION 27+17, LT. 20.5' TO 24+70, LT. 22'
(RAMP F BASELINE)
COOK COUNTY
STRUCTURE NUMBER 016-W808