

Everest Engineering Company  
STRUCTURE BORING LOG

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Date 8/23/00

ROUTE FA190/94 DESCRIPTION I-90/94 KENNEDY EXPRESSWAY (HUBBARDS CAVE TO I-290)  
SECT. 101.6 (1P, 2P) & 202.8 (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.	DEPT H	BLOW S	Qu tsf	W %	Surface Water Elev.	Groundwater Elev. when drilling at Completion after Hrs.	DEPT H	BLOW S	Qu tsf	W %
H-3	8+77	35.00ft RT	594.00 ft					N/A					
Asphalt Pavement / 593.90													
Concrete Pavement / 593.30													
Loose to Medium Dense, Gray Crushed Aggregate traces - fines					0	0.21	25				0	0	
					11						0		
					8						0		
					3	0.16	24				0		
					3						0		
					3						0		
(FILL) 587.00					1	0.5	5						
Medium Stiff, Brownish Gray SILTY CLAY traces to little - sand and gravel					2	P							
					3								
					1	0.5	19				0	0.21	24
					1	P					1	B	
					2						2		
(FILL) 583.50													
Very soft to Soft, Gray CLAY/SILTY CLAY traces - sand and gravel					1	0.25	24				0	0.29	24
					1	B					0	B	
					3						0		
					1	0.16	24				0	0.21	22
					1	B					0	B	
					1						0		
					0	0.26	22				0	0.33	24
					0	B					1	B	
					1						2		
					0	0.16	21				0	0.37	24
					0	B					1	B	
					0						3		

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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STRUCTURE NO. \_\_\_\_\_  
ROUTE FA190/94  
SECTION 101.6 (1P, 2P) & 202.8 (1P)  
COUNTY COOK

Boring No.	Station	Offset	Elevation	DEPT H	BLOW S	Qu tsf	W %	Surface Water Elev.	Groundwater Elev. when drilling at Completion after Hrs.	DEPT H	BLOW S	Qu tsf	W %
H-3	8+77	35.00ft RT	544.00 ft										
BORING COMPLETED AT 75.0 FEET													
Very Stiff to Hard, Gray SILTY CLAY LOAM traces - sand and gravel													
					9	5.36	14						
					10	B							
sand (2" thick) - 54.5'					16								
					6	3.5	18						
					10	B							
sand (1" thick) - 59'					14								
					7	3.0	18						
					7	B							
					11								
very silty below 68.5'					12	3.22	18						
					14	B							
Stiff, Gray SILTY CLAY traces - sand and gravel													
					3	1.4	22						
					3	B							
					4								

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