

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

BORING NO. ELM-4

ILLINOIS DEPARTMENT OF TRANSPORTATION  
Testing Service Corporation  
STRUCTURE BORING LOG

Page 1 of 1  
Date 12/7/00

ROUTE FAP-305 DESCRIPTION Palatine Road from west of IL 83 to IL 21  
SECT. (1313.1.1415&1516)R STRUCT. NO. 016-1031 DRILLED BY TSC/L-49.791  
COUNTY Cook LOCATION Route 83 Bridge S. 22, TWP. 42N, RNG. 11E

Boring No.	Station	Offset	Surface Elev.	D	E	B	L	Qu	W	Surface Water Elev.	Groundwater Elev.:	when drilling	at Completion	H	S	tsf	W
ELM-4	363+03	39.00ft RT	662.70														
FILL - Dark brown SILTY CLAY (topsoil), very moist																	
Very tough brown and black CLAY, trace organic, moist A-7-6																	
Hard brown and gray CLAY LOAM, trace gravel, moist A-6																	
Hard brown and gray CLAY LOAM, trace gravel, moist A-6																	
Hard brown and gray CLAY LOAM, trace gravel, moist A-6																	
Op=2.5 TSF																	
Very tough dark gray CLAY LOAM, moist A-6/A-7-6																	
Firm gray SAND, trace clay, saturated A-1-b																	
Dense gray SAND, trace gravel, saturated A-1-b																	
Dense gray clayey SILT, moist to wet A-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

BORING NO. ELM-6 (1 OF 2)

ILLINOIS DEPARTMENT OF TRANSPORTATION  
Testing Service Corporation  
STRUCTURE BORING LOG

Page 1 of 2  
Date 12/6/00

ROUTE FAP-305 DESCRIPTION Palatine Road from west of IL 83 to IL 21  
SECT. (1313.1.1415&1516)R STRUCT. NO. 016-1031 DRILLED BY TSC/L-49.791  
COUNTY Cook LOCATION Route 83 Bridge S. 22, TWP. 42N, RNG. 11E

Boring No.	Station	Offset	Surface Elev.	D	E	B	L	Qu	W	Surface Water Elev.	Groundwater Elev.:	when drilling	at Completion	H	S	tsf	W
ELM-6	364+51	37.00ft RT	662.00														
FILL - Dark brown and black SILTY CLAY (topsoil), very moist																	
FILL - Brown SILTY CLAY LOAM, trace gravel, moist (A-4/A-6)																	
Very tough to hard brown and gray CLAY LOAM, trace gravel, moist A-6																	
Very tough brown and gray CLAY LOAM, trace gravel, moist A-6																	
Stiff to tough gray CLAY, very moist A-6/A-7-6 (Op=1.5 TSF)																	
Firm to dense gray SAND, very moist to wet A-1-b																	
Very dense gray clayey SILT, trace sand, moist to wet A-4																	
Dense gray SILT, very moist to wet A-4																	
Very tough gray SILTY CLAY LOAM, trace gravel, moist (A-4/A-6)																	

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 NO. ELM-6 (2 OF 2)

ILLINOIS DEPARTMENT OF TRANSPORTATION  
Testing Service Corporation  
STRUCTURE BORING LOG

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Date 12/6/00

STRUCTURE NO. 016-1031 STRUCTURE NO. 016-1031  
ROUTE FAP-305 ROUTE FAP-305  
SECTION (1313.1.1415&1516)R SECTION (1313.1.1415&1516)R  
COUNTY Cook COUNTY Cook

Boring No.	Station	Offset	Surface Elev.	D	E	B	L	Qu	W	Surface Water Elev.	Groundwater Elev.:	when drilling	at Completion	H	S	tsf	W
ELM-6	364+51	37.00ft RT	612.00														
Very tough to hard gray SILTY CLAY LOAM, trace gravel, moist A-4/A-6																	
Firm gray SAND, saturated A-1-b																	
Tough gray CLAY LOAM, trace to little gravel, moist A-6																	
Op=3.75 TSF																	
Very tough gray SANDY LOAM, trace gravel, moist A-4/A-6																	
Op=3.5 TSF																	
Very dense gray SILT, wet A-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

DESIGNED	MJW
CHECKED	GAT
DRAWN	MJW
CHECKED	GAT

SOIL BORING LOGS (3 of 5)  
PALATINE ROAD OVER  
IL. RT. 83 (ELMHURST ROAD)  
F.A.P. RTE. 305 SECT. 1313.1 B  
COOK COUNTY  
STATION 363+77.17  
STRUCTURE NO. 016-2812