

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	SHEET	SHEET NO.
FAP 305	*	Cook	193	37

Contract No. 62878 *1313.1 B

BORING NO. ELM-1A

ILLINOIS DEPARTMENT OF TRANSPORTATION
Testing Service Corporation
STRUCTURE BORING LOG

Page 1 of 1
Date 12/27/00

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. 15. 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	after	Hrs.	D	E	B	L	Qu	W	
			ft	H	T	P	O	tsf	%							H	T	P	O	tsf	%	
ELM-1A	361+92	22.00ft LT	679.20																			
2" Bituminous Concrete /679.10																						
7" P.C. Concrete /678.40																						
End of Boring at 25.0'																						
Mobile B-61 on a 4x6 Truck (Rig #144) Mobile Automatic Hammer Hollow Stem Auger																						
FILL - Brown SAND, little to some gravel, moist A-1-b																						
FILL - Brown medium to fine SAND, trace gravel, moist A-3																						
FILL - Brown, gray and black CLAY LOAM, trace gravel, trace organic, moist A-6																						
Hard brown CLAY LOAM, trace gravel, moist 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-2 (1 OF 2)

ILLINOIS DEPARTMENT OF TRANSPORTATION
Testing Service Corporation
STRUCTURE BORING LOG

Page 1 of 2
Date 12/8/00

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	after	Hrs.	D	E	B	L	Qu	W	
			ft	H	T	P	O	tsf	%							H	T	P	O	tsf	%	
ELM-2	361+91	22.00ft RT	679.00																			
2" Bituminous Concrete /678.90																						
9" P.C. Concrete /678.10																						
Hard dark brown and gray CLAY LOAM, trace gravel, moist A-6																						
Very tough dark brown and gray CLAY, moist A-6/A-7-6																						
Tough to very tough dark gray SANDY LOAM, moist A-6/A-4 (Op=2.25 TSF)																						
FILL - Dark brown SAND, little to some gravel, moist A-1-b																						
Very tough to tough dark gray CLAY, moist A-7-6																						
Dense gray SAND, saturated A-1-b																						
Stiff to tough gray SILTY CLAY, very moist A-4/A-6																						
Very tough dark brown CLAY, moist A-6/A-7-6																						

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-2 (2 OF 2)

ILLINOIS DEPARTMENT OF TRANSPORTATION
Testing Service Corporation
STRUCTURE BORING LOG

Page 2 of 2
Date 12/8/00

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	after	Hrs.	D	E	B	L	Qu	W	
			ft	H	T	P	O	tsf	%							H	T	P	O	tsf	%	
ELM-2	361+91	22.00ft RT	629.00																			
Elevation 629.00 ft																						
Very tough gray SILTY CLAY LOAM, trace gravel, moist A-4/A-6 (Op=3.5 TSF)																						
Very tough to hard gray SILTY CLAY LOAM, trace gravel, moist A-4/A-6																						
Very tough gray CLAY, moist A-7-6																						
End of Boring at 80.0'																						
Gus Pech GP-750 on 4x6 International Truck (Rig #217) Rope and Cathead Rotary Wash Drill																						
Very dense gray SAND and GRAVEL, trace clay, saturated A-1-b																						
Tough to very tough gray SANDY LOAM, trace gravel, moist A-6 (Op=2.5 TSF)																						
Tough gray SILTY CLAY LOAM, trace gravel, moist A-4/A-6 (Op=1.75 TSF)																						
Very tough gray SILTY CLAY LOAM, trace gravel, moist A-4/A-6 (Op=3.5 TSF)																						

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

SOLL BORING LOGS (1 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