

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	DATE	SHEET
FAP 305	*	Cook	193	166

Contract No. 62878 *1313.1 B

SHEET NO. 37
37 SHEETS

BORING NO. ELM-7A

ILLINOIS DEPARTMENT OF TRANSPORTATION
Testing Service Corporation
STRUCTURE BORING LOG

Page 1 of 1
Date 1/2/01

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	B	L	Qu	W	Surface Water Elev.	Groundwater Elev.:	when drilling	at Completion	after
ELM-7A	365+65	23.00ft LT	680.30 ft	H	S	tsf	%						Hrs.
1 1/2" Bituminous Concrete / 680.10													
12 1/2" P.C. Concrete / 679.10													
FILL - Brown SAND, trace gravel, trace silt, damp / 674.80													
A-1-b													
FILL - Brown SAND and GRAVEL, trace silt, damp / 669.80													
A-1													
FILL - Brown SAND and GRAVEL, damp / 664.80													
A-1													
FILL - Brown silty SAND and GRAVEL, moist / 662.30													
A-2-4													
FILL - Brown and gray CLAY, very moist / 658.80													
A-6													
Auger refusal on solid obstruction at 22.5'													

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-8A

ILLINOIS DEPARTMENT OF TRANSPORTATION
Testing Service Corporation
STRUCTURE BORING LOG

Page 1 of 1
Date 1/2/01

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	B	L	Qu	W	Surface Water Elev.	Groundwater Elev.:	when drilling	at Completion	after
ELM-8A	365+67	17.00ft RT	680.60 ft	H	S	tsf	%						Hrs.
1 1/2" Bituminous Concrete / 680.40													
12" P.C. Concrete / 679.40													
FILL - Brown SAND, trace gravel, moist / 677.60													
A-1-b													
FILL - Brown SAND and GRAVEL, trace clay, damp to moist / 653.00													
A-1													
FILL - Brown and black CLAY, very moist / 657.60													
A-6													
Very tough brown CLAY, moist / 655.60													
A-7-6 (Qp=2.5 TSF)													

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test
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BORING NO. ELM-8B

ILLINOIS DEPARTMENT OF TRANSPORTATION
Testing Service Corporation
STRUCTURE BORING LOG

Page 1 of 1
Date 4/4/01

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	B	L	Qu	W	Surface Water Elev.	Groundwater Elev.:	when drilling	at Completion	after
ELM-8B	365+44	38.00ft RT	663.00 ft	H	S	tsf	%						Hrs.
FILL - Brown SILTY CLAY (topsoil), very moist / 661.70													
FILL - Brown CLAY LOAM, trace gravel, moist / 660.00													
A-6													
Very tough brown CLAY, moist / 655.00													
A-6													
Very tough brown and gray CLAY LOAM, trace gravel, occasional silt seams, moist / 653.00													
A-6													
Very tough brownish-gray CLAY LOAM, trace gravel, moist / 645.00													
A-6													
Loose gray SILT, trace gravel, occasional clay seams, moist to wet / 638.00													
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

DESIGNED	MJW
CHECKED	GAT
DRAWN	MJW
CHECKED	GAT

SOIL BORING LOGS (5 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