

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	2021-922PT.1-AC	COOK	460	274
STA.	TO STA.			
FED. ROAD DIST. NO. 1		ILLINOIS	FED. AID PROJECT	
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			Date 1/29/03	

Illinois Department of Transportation SOIL BORING LOG
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Date 1/28/03

ROUTE F.A.I. 1-90 / 1-94 DESCRIPTION Dan Ryan Expressway (D-91-419-01) LOGGED BY D.G.
SECTION (2021-922 PT 1.2&2122-921) LOCATION Chicago, Illinois
COUNTY Cook DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.	Station	DRILLING METHOD	HAMMER TYPE	Automatic	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.	First Encounter	Upon Completion	After	Hrs.
016-W886	(W011-R)										
BORING NO.	HER-5										
Station	124+79.97										
Offset	1.63ft (WW)										
Ground Surface Elev.	18.80										
Very Stiff to Hard / Very Dense Gray SILTY CLAY LOAM / SILTY LOAM											
End of Boring											

The Unconfined Compressive Strength (UCS) Failure Mode is Indicated by (B-Bulge, S-Shear, P-Penetrometer) The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) BBS, from 137 (Rev. 8-99)

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Date 6/26/04

ROUTE F.A.I. 1-90 / 1-94 DESCRIPTION Dan Ryan Expressway (D-91-419-01) LOGGED BY M.S.
SECTION (2021-922 PT 1.2 & 2122-921) LOCATION Chicago, Illinois
COUNTY Cook DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.	Station	DRILLING METHOD	HAMMER TYPE	Automatic	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.	First Encounter	Upon Completion	After	Hrs.
016-W887, W965	(W011-Z)										
BORING NO.	HER-4										
Station	125+12.54										
Offset	-49.38ft (WW)										
Ground Surface Elev.	2.31										
Asphalt, 12.5"											
Very Stiff Gray CLAY											
Hard Gray SILTY CLAY LOAM											
End of Boring											

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ROUTE F.A.I. 1-90 / 1-94 DESCRIPTION Dan Ryan Expressway (D-91-419-01) LOGGED BY D.G.
SECTION (2021-922 PT 1.2&2122-921) LOCATION Chicago, Illinois
COUNTY Cook DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.	Station	DRILLING METHOD	HAMMER TYPE	Automatic	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.	First Encounter	Upon Completion	After	Hrs.
016-W886	(W011-R)										
BORING NO.	HER-6										
Station	125+55.15										
Offset	0.81ft (WW)										
Ground Surface Elev.	13.69										
Asphalt, 3"											
Concrete, 12"											
Sub Base (FILL)											
Dark Brown Sand, Gravel and Brick Chips (FILL)											
Loose to Medium Dense Gray SAND, trace Gravel (Possible Back Fill)											
Very Loose Gray, Moist SILTY LOAM											
Stiff to Very Stiff Gray CLAY											
End of Boring											

The Unconfined Compressive Strength (UCS) Failure Mode is Indicated by (B-Bulge, S-Shear, P-Penetrometer) The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) BBS, from 137 (Rev. 8-99)

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COUNTY Cook DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.	Station	DRILLING METHOD	HAMMER TYPE	Automatic	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.	First Encounter	Upon Completion	After	Hrs.
016-W886	(W011-R)										
BORING NO.	HER-6										
Station	125+55.15										
Offset	0.81ft (WW)										
Ground Surface Elev.	18.69										
Hard / Very Dense Gray SILTY CLAY LOAM / SILTY LOAM											
End of Boring											

The Unconfined Compressive Strength (UCS) Failure Mode is Indicated by (B-Bulge, S-Shear, P-Penetrometer) The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) BBS, from 137 (Rev. 8-99)

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SECTION (2021-922 PT 1.2 & 2122-921) LOCATION Chicago, Illinois
COUNTY Cook DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.	Station	DRILLING METHOD	HAMMER TYPE	Automatic	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.	First Encounter	Upon Completion	After	Hrs.
016-W887, W965	(W011-Z)										
BORING NO.	HER-5										
Station	125+87.10										
Offset	-46.86ft (WW)										
Ground Surface Elev.	2.15										
Asphalt, 12"											
Very Stiff to Hard Gray CLAY											
Medium Dense Brown SAND, trace Gravel (Possible Back Fill)											
Hard Gray SILTY CLAY LOAM											
End of Boring											

The Unconfined Compressive Strength (UCS) Failure Mode is Indicated by (B-Bulge, S-Shear, P-Penetrometer) The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) BBS, from 137 (Rev. 8-99)

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ROUTE F.A.I. 1-90 / 1-94 DESCRIPTION Dan Ryan Expressway (D-91-419-01) LOGGED BY R.P.
SECTION (2021-922 PT 1.2&2122-921) LOCATION Chicago, Illinois
COUNTY Cook DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.	Station	DRILLING METHOD	HAMMER TYPE	Automatic	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.	First Encounter	Upon Completion	After	Hrs.
016-W886	(W011-R)										
BORING NO.	HER-7										
Station	126+28.74										
Offset	-2.49ft (WW)										
Ground Surface Elev.	18.74										
Asphalt, 3"											
Concrete, 12"											
Sub Base (FILL)											
Brown to Black Sand and Brick Chips (FILL)											
Medium Dense Brown SAND, trace Gravel (Possible Back Fill)											
Hard / Dense Gray SILTY CLAY LOAM / SILTY LOAM											
Very Loose Gray, Moist SILTY LOAM											
Stiff to Very Stiff Gray CLAY											
End of Boring											

The Unconfined Compressive Strength (UCS) Failure Mode is Indicated by (B-Bulge, S-Shear, P-Penetrometer) The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) BBS, from 137 (Rev. 8-99)

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ROUTE F.A.I. 1-90 / 1-94 DESCRIPTION Dan Ryan Expressway (D-91-419-01) LOGGED BY R.P.
SECTION (2021-922 PT 1.2&2122-921) LOCATION Chicago, Illinois
COUNTY Cook DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.	Station	DRILLING METHOD	HAMMER TYPE	Automatic	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.	First Encounter	Upon Completion	After	Hrs.
016-W886	(W011-R)										
BORING NO.	HER-7										
Station	126+28.74										
Offset	-2.49ft (WW)										
Ground Surface Elev.	18.74										
Hard / Dense Gray SILTY CLAY LOAM / SILTY LOAM (continued)											
End of Boring											

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CTE ENGINEERS
CONSIDER TOWSEND ENVIRONMENTAL ENGINEERS, INC.
303 EAST WACKER DRIVE, SUITE 600
CHICAGO, ILLINOIS 60601-5012, PHONE: (312) 938-0300

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 90/94 (DAN RYAN EXPRESSWAY)
SOIL BORING LOGS
SOUTH WENTWORTH AVENUE RETAINING WALL
WEST 59TH STREET TO WEST 63RD STREET
SECTION 2021-922 PT.1-AC
STATION 122+46.54 TO 130+53.87
COOK COUNTY S.N. 016-W887-W965

SCALE: None DRAWN BY: SR
DATE: October 29, 2004 CHECKED BY: JSS/JMM

10/22/2004 02:36:52 PM