CONTRACT NO. 66420

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
311	(1-1)R	KENDALL	514	366
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

Illinois Department of Transportation — SOIL BORING LOG

Division of Highways, District #3, Ottawa

Page 1 of 1 — Date 5/20/06

ROUTE IL 71 — DESCRIPTION IL71 & Washington St — LOGGED BY Larry Myers

SECTION (1-1) R — LOCATION NW1/4, SEC. 20, TWP. 37N, RNG. 08E

COUNTY Kendall — DRILLING METHOD Hollow Stem Auger — HAMMER TYPE CME Automatic

STRUCT. NO. ____ Station ____
BORING NO. #1: NE Quad — Station ____ Offset ____ Ground Surface Elev. ____ ft

Surface Water Elev. ____ ft; Stream Bed Elev. ____ ft; Groundwater Elev.: First Encounter ____ ft; Upon Completion ____ ft; After ____ Hrs. ____ ft

Description	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Augered, black, Silty clay Loam fill				
Very stiff, brown, Silty Clay Loam Till with Gravel layers at 7'		3, 4, 5	2.0 P	25.4
	-5	2, 3, 6	3.8 S	14.2
		5, 5, 6	2.6 P	19.9
Medium, brown, fine to coarse, Sand with fine to coarse Gravel	-10	6, 7, 8		10.9
		3, 8, 11		10.2
Medium, brown and gray, coarse, Gravel with free water Loamy at 18.5'	-15	8, 8, 8		14.8
		6, 7, 13		14.8
	-20			
Medium, grayish brown, coarse, Gravel with layers of fine to coarse Sand (continued)		21, 17, 9		9.8
Very dense, brown, Siltstone to weathered Limestone (boulder or bedrock?) Auger refusal @ 23' Hole collapsed @ 11.5' AAR		42, 87		10.0
End of Boring	-25			
	-30			
	-35			
	-40			

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)

ILLINOIS ROUTE 71 @ WASTINGTON ST/PLAINFIELD RD

Illinois Department of Transportation — SOIL BORING LOG

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ROUTE IL 71 — DESCRIPTION Plainfield & Grove: 42'W of Plainfield CL / 62'S of Grove CL — LOGGED BY Larry Myers

SECTION (1-1) R — LOCATION NE1/4, SEC. 20, TWP. 37N, RNG. 08E

COUNTY Kendall — DRILLING METHOD Hollow Stem Auger — HAMMER TYPE CME Automatic

BORING NO. #3: SW Quad

Description	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Augered, black, Silty Clay fill				
Stiff, brown, Silty Clay Loam Till fill		4, 2, 3	1.5 P	10.9
Stiff, brown, Silty Clay Loam Till with large Gravel to cobble size rocks	-5	3, 7, 6	1.8 B	10.1
		3, 3, 4	no recovery	
	-10	5, 3, 5	2.0 P	12.3
Loose, brown, fine to coarse, Sand with fine to coarse, Gravel 6" of gray, Silt layers at 13'		4, 3, 3		20.1
Medium, brown, fine, Sand to coarse, Gravel with loamy layers at 21'	-15	4, 5, 7		12.7
		10, 11, 12		9.9
	-20			
Medium, brown, fine Sand to coarse, Gravel with loamy layers at 21' (continued)		15, 13, 12		10.5
Hard, gray, Loam to Silty Loam with large Gravel pieces Hole collapsed @ 12' AAR	-25	6, 13, 19	4.0 P	12.1
End of Boring				
	-30			
	-35			
	-40			

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)

PLAINFIELD RD @ GROVE RD/WILMETTE AVE

Illinois Department of Transportation — SOIL BORING LOG

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ROUTE FAP 311 (IL 71) — DESCRIPTION 40' South of IL 71 & 42' East of School Entrance — LOGGED BY Larry Myers

SECTION (1-1)R — LOCATION SEC. TWP. RNG.

COUNTY Kendall — DRILLING METHOD Push — HAMMER TYPE ____

BORING NO. 2 N.E. Quad — Station 910+60 — Offset 40.00ft Rt. — Ground Surface Elev. 666.31 ft

Description	Elev.
Med. brown, silty clay loam fill	
Top of Rock	663.51
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)

ILLINOIS ROUTE 71 @ OSWEGO HIGH SCHOOL ENTRANCE

Illinois Department of Transportation — SOIL BORING LOG

Page 1 of 1 — Date 5/8/08

ROUTE FAP 311 (IL 71) — DESCRIPTION 35' North of IL 71 & 76' West of School Entrance — LOGGED BY Larry Myers

SECTION (1-1)R — LOCATION SEC. TWP. RNG.

COUNTY Kendall — DRILLING METHOD Push — HAMMER TYPE ____

BORING NO. 4 S.W. Quad — Station 909+62 — Offset 36.00ft Lt — Ground Surface Elev. 666.56 ft

Description	Elev.
Med. brown, silty clay loam fill	
Top of Rock	664.06
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)

ILLINOIS ROUTE 71 @ OSWEGO HIGH SCHOOL ENTRANCE

Illinois Department of Transportation — SOIL BORING LOG

Page 1 of 1 — Date 5/22/06

ROUTE IL 71 — DESCRIPTION Plainfield & Wilmette: 56'E of Plainfield CL / 16'S of Wilmette CL — LOGGED BY Larry Myers

SECTION (1-1) R — LOCATION NE1/4, SEC. 20, TWP. 37N, RNG. 08E

COUNTY Kendall — DRILLING METHOD Hollow Stem Auger — HAMMER TYPE CME Automatic

BORING NO. #2: SE Quad

Description	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Augered, black, Silty Clay fill				
Very stiff, brown, Sandy Clay Loam and Silty Clay Loam fill		2, 3, 3	2.0 P	13.7
	-5	4, 4	3.5 P	8.5 / 10.9
Medium, brown, fine Sand (fill sand)				
Very stiff, brown, Sandy Clay Loam Till		6, 3, 6, 4	3.0 P	24.5
Medium, brown, fine to coarse, Sand with fine to coarse Gravel free H2O at 13'	-10	3, 7, 8		10.5
		3, 6, 8		10.2
	-15	3, 7, 8		15.3
Very stiff, gray, Silty Clay Loam to Silty Loam Till		9, 11, 14		6.2
	-20			
Medium, gray, fine, Sand to coarse, Gravel with Sandy Loam layers Hole collapsed @ 15' AAR (continued)		3, 11, 10		8.3
	-25	23, 21, 22		6.9
End of Boring				
	-30			
	-35			
	-40			

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)

PLAINFIELD RD @ GROVE RD/WILMETTE AVE

Illinois Department of Transportation — SOIL BORING LOG

Page 1 of 1 — Date 5/8/08

ROUTE FAP 311 (IL 71) — DESCRIPTION 67' South of IL 71 & 48' West of School Entrance — LOGGED BY Larry Myers

SECTION (1-1)R — LOCATION SEC. TWP. RNG.

COUNTY Kendall — DRILLING METHOD Push — HAMMER TYPE ____

BORING NO. 1 S.E. Quad — Station 909+93 — Offset 67.00ft Rt. — Ground Surface Elev. 668.76 ft

Description	Elev.
Med. brown, silty clay loam fill	
Top of Rock	664.26
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)

ILLINOIS ROUTE 71 @ OSWEGO HIGH SCHOOL ENTRANCE

Illinois Department of Transportation — SOIL BORING LOG

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ROUTE FAP 311 (IL 71) — DESCRIPTION 38' North of IL 71 & 37' East of School Entrance — LOGGED BY Larry Myers

SECTION (1-1)R — LOCATION SEC. TWP. RNG.

COUNTY Kendall — DRILLING METHOD Push — HAMMER TYPE ____

BORING NO. 3 N.W. Quad — Station 910+75 — Offset 38.00ft Lt — Ground Surface Elev. 666.29 ft

Description	Elev.
Med. brown, silty clay loam fill	
Top of Rock	663.79
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)

ILLINOIS ROUTE 71 @ OSWEGO HIGH SCHOOL ENTRANCE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL SOIL BORING LOGS SHEET 2 OF 2

SCALE: N.T.S. — DRAWN BY NMR
DATE: 7/9/2012 — CHECKED BY DJL

PLOT DATE = 7/9/2012
FILE NAME = p:\civil_idot_dist3\oswego\phase 1\d1816_TS_BL_02.dgn
PLOT SCALE = 20.0000 '/ IN.