STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	130 R-2	DUPAGE,KANE	647	544
STA. 3356+37.74		TO STA. 3359+24.72		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

62410

SOIL BORING LOG

O'BRIEN & ASSOCIATES, INC.
CONSULTING ENGINEERS
1235 E. DAVIS ST./ARLINGTON HTS., IL 60005
(847)398-4414 • FAX(847) 398-2376

PAGE 1 of 2
DATE April 19, 2002
LOGGED BY D & G
OBA JOB No. 02124

ROUTE FAP 307 DESCRIPTION North Avenue Bridge Widening Project
SECTION LOCATION North Avenue at the E.J. & E. RR, DuPage County, Illinois
COUNTY DuPage DRILLING METHOD 3.25" HSA/Rotary HAMMER TYPE CME Automatic
STRUCT. NO.
Station
BORING NO. B-34
Station 3361+58
Offset 75.0' Right
Ground Surface Elev. -766.1

Surface Water Elev. n/a
Stream Bed Elev. n/a
Groundwater Elevation:
First Encounter n/a
Upon Completion n/a
After ___ Hrs.

Description	Depth (ft)	Blows (/6")	UCS Qu (tsf)	Moist (%)
SANDY CLAY- dark brown & black (FILL)		5, 7, 7	NP	16
		3, 4, 9	1.9B	28
		4, 6, 7	3.2B	13
CLAY- brown & gray- stiff to very stiff (A-6)	-5.0			95
		6, 6, 8	7.25P	15
CLAY- brown & gray-hard (A-6)	-10.0			106
		8, 10, 10	7.7B	15
		10, 15, 15	NP	18
SANDY LOAM- brown-dense (A-4)	-15.0			110
		5, 4, 5	1.5B	20
CLAY- gray-stiff (A-6)		7, 9	NP	16
SANDY LOAM to LOAM- gray-medium dense (A-4)	-20.0			
SANDY LOAM - gray-medium dense (A-4)		3, 5, 8		111
		8	2.5B	19
CLAY gray-very stiff to hard (A-6)		6, 8, 10		106
		9, 9, 9	2.4B	12
		9, 11, 12		128
		15, 15	7.5+P	11
		8, 11, 13		117
		13	2.0B	11
		11, 15		114
	-35.0	15	3.6B	13
		8, 12		116
		12	4.7B	16
		21, 22		
CLAYEY SAND & GRAVEL- gray-medium dense to dense (A-2-6)	-40.0	20	NP	9

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COUNTY DuPage DRILLING METHOD 3.25" HSA/Rotary HAMMER TYPE CME Automatic
STRUCT. NO.
Station
BORING NO. B-34
Station 3361+58
Offset 75.0' Right
Ground Surface Elev. -766.1

Surface Water Elev. n/a
Stream Bed Elev. n/a
Groundwater Elevation:
First Encounter n/a
Upon Completion n/a
After ___ Hrs.

Description	Depth (ft)	Blows (/6")	UCS Qu (tsf)	Moist (%)
CLAYEY SAND & GRAVEL- gray-medium dense to dense (A-2-6)		10, 10, 10	NP	10
SILTY LOAM- gray-dense (A-4)		17, 21, 15	NP	15
		10, 12, 12	NP	12
SAND, GRAVEL & FRACTURED STONE- gray-medium dense (A-2)		11, 13, 14	NP	12
END OF BORING @ -50.0' Hollow Stem Augers CME Automatic Hammer	-50.0			
	-55.0			
	-60.0			
	-65.0			
	-70.0			
	-75.0			
	-80.0			

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SECTION LOCATION North Avenue at the E.J. & E. RR, DuPage County, Illinois
COUNTY DuPage DRILLING METHOD 3.25" HSA/Rotary HAMMER TYPE CME Automatic
STRUCT. NO.
Station
BORING NO. B-35
Station 3362+30
Offset 62.5' Right
Ground Surface Elev. -760.8

Surface Water Elev. n/a
Stream Bed Elev. n/a
Groundwater Elevation:
First Encounter -759.3
Upon Completion n/a
After ___ Hrs.

Description	Depth (ft)	Blows (/6")	UCS Qu (tsf)	Moist (%)
CLAYEY SAND & GRAVEL- dark brown (FILL)		3, 5, 2	NP	23
TOPSOIL- dark brown to black		2, 3, 5	NP	11
SANDY LOAM- brown-loose (A-2-4)	-5.0			
		3, 6, 7	NP	11
SAND & GRAVEL- brown-medium dense (A-1-a)		2, 3, 4	NP	14
CLAYEY SAND & GRAVEL- brown-loose (A-2-6)	-10.0			
		3, 4, 4	1.2B	14
SILTY CLAY-gray- stiff to very stiff (A-6)		6, 3, 7	2.5P	20
	-15.0			
		3, 5, 7	2.8B	17
		4, 5, 7	1.9B	19
	-20.0			
SILTY CLAY-gray- stiff to very s-iff (A-6)		4, 5, 8	3.3B	19
		5, 7, 8	0.5B	17
SILTY CLAY LOAM-gray- stiff to very stiff (A-6/A-4)	-25.0			
		3, 7, 9	1.2B	12
SILTY CLAY-gray- stiff to hard (A-6)		5, 7, 9	1.9B	12
	-30.0			
		5, 5, 7	2.1B	11
		5, 7, 9	2.8B	13
	-35.0			
		5, 8, 12	4.0B	17
SAND, GRAVEL & FRACTURED STONE- gray dense to very dense (A-1)		25, 21, 25	NP	7
	-40.0			

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SECTION LOCATION North Avenue at the E.J. & E. RR, DuPage County, Illinois
COUNTY DuPage DRILLING METHOD 3.25" HSA/Rotary HAMMER TYPE CME Automatic
STRUCT. NO.
Station
BORING NO. B-35
Station 3362+30
Offset 62.5' Right
Ground Surface Elev. -760.8

Surface Water Elev. n/a
Stream Bed Elev. n/a
Groundwater Elevation:
First Encounter -759.3
Upon Completion n/a
After ___ Hrs.

Description	Depth (ft)	Blows (/6")	UCS Qu (tsf)	Moist (%)
SAND, GRAVEL & FRACTURED STONE- gray-dense to very dense (A-1)		25, 28, 24	NP	8
		21, 22, 25	NP	6
END OF BORING @ -45.0' Hollow Stem Augers CME Automatic Hammer	-45.0			
	-50.0			
	-55.0			
	-60.0			
	-65.0			
	-70.0			
	-75.0			
	-80.0			

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SECTION LOCATION North Avenue at the E.J. & E. RR, DuPage County, Illinois
COUNTY DuPage DRILLING METHOD 3.25" HSA/Rotary HAMMER TYPE CME Automatic
STRUCT. NO.
Station
BORING NO. B-36
Station 3363+05
Offset 62.5' Right
Ground Surface Elev. -759.8

Surface Water Elev. n/a
Stream Bed Elev. n/a
Groundwater Elevation:
First Encounter -759.3
Upon Completion n/a
After ___ Hrs.

Description	Depth (ft)	Blows (/6")	UCS Qu (tsf)	Moist (%)
TOPSOIL- black (FILL)		3, 4, 5	NP	13
CLAY LOAM to LOAM- brown-medium dense (FILL)	-5.0			
		5, 8, 8	NP	15
CLAY- brown & gray- very stiff (A-6)		5, 6, 7	3.0P	17
CLAY- gray-stiff to very stiff (A-6)	-10.0			
		5, 6, 8	2.0B	14
		5, 7, 8	2.0B	15
	-15.0			
		5, 6, 6	2.7B	18
		5, 6, 6	3.7B	19
	-20.0			
CLAY- gray-stiff to very stiff (A-6)		3, 4, 5	2.8B	18
		5, 6, 7	2.8B	18
		5, 6, 7	2.8B	18
		5, 6, 7