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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	130 R-2	DUPAGE,KANE	647	537
STA. 3356+37.74		TO STA. 3359+24.72		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

62410

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

O'BRIEN & ASSOCIATES, INC.
CONSULTING ENGINEERS
939 S. DAVIS ST./ARLINGTON HTS., IL 60005
(847)398-1441 • FAX(847) 398-2776

SOIL BORING LOG

PAGE 1 of 2
DATE April 10, 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-6
Station 3354+69
Offset 89.9' Left
Ground Surface Elev. -760.5

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

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
SANDY CLAY- brown (FILL)			
	5		14
	6		
CLAY- brown & gray- stiff to very stiff (A-6)	5	2.7B	14
	5		10
-5.0	6	3.6B	17
	5		13
	6		
	9	2.8B	18
	9		19
	10		
-10.0	13	4.9B	14
CLAY- gray-stiff to very stiff (A-6)	5		10B
	8		
	10	2.4B	18
	3		111
	5		
-15.0	6	2.4B	19
	4		111
	3		
	3	1.4B	19
SILTY LOAM to LOAM- gray-loose (A-4)	3		
	3		
-20.0	3	NP	11
SILTY LOAM to LOAM- gray-loose (A-4)	3		125
CLAY- gray-stiff to very stiff (A-6)			
	4		108
	5		
	6	4.0B	13
	3		132
	6		
-25.0	6	3.0P	10
	6		129
	11		
	13	2.4B	12
	6		122
	8		
-30.0	10	2.4B	11
CLAY LOAM- gray-hard (A-6)	21		
	26		
-35.0	19	NP	14
CLAY- gray-very stiff to hard (A-6)	10		123
	13		
	15	4.2B	13
SILTY LOAM to LOAM- gray-loose (A-4)	10		115
	10		
-40.0	18	3.3B	16

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Station 3354+69
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Ground Surface Elev. -760.5

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

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
CLAY- gray-very stiff to hard (A-6)			
	29		
	20		
CLAYEY SAND & GRAVEL- gray-dense to very dense (A-2-4)	24	NP	6
	31		
	30		
-45.0	31	NP	8
END OF BORING @ -45.0' 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-7
Station 3355+41
Offset 94.8' Left
Ground Surface Elev. -762.8

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

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
CLAY LOAM- dark brown to black (FILL)	4		19
	5		
CLAY- brown & gray- very stiff to hard (A-6)	7	5.75P	14
	3		106
	6		
-5.0	8	2.0B	18
	5		115
	5		
	7	3.2B	18
	7		109
	7		
-10.0	12	3.2B	20
CLAY- gray-stiff to very stiff (A-6)	7		
	7		
	8	1.75P	21
	4		111
	5		
-15.0	7	2.0B	19
	2		
	3		
	5	2.25P	18
CLAY- gray-soft (A-6)	2		124
	1		
-20.0	2	0.3B	13
CLAY- gray-soft (A-6)	5		
	6		N9
	23		
	26		
CLAY LOAM- gray-stiff to very stiff (A-6)	8		127
	10		
	11	1.75P	12
	5		107
	6		
-30.0	8	1.7B	12
	6		126
	7		
	7	1.3B	13
	22		
	26		
-35.0	32	1.5P	12
	10		120
	14		
	16	3.6B	14
SILTY LOAM- gray-medium dense (A-4)	5		
	9		
-40.0	18	NP	15

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SOIL BORING LOG

PAGE 2 of 2
DATE April 10, 2002
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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-7
Station 3355+41
Offset 94.8' Left
Ground Surface Elev. -762.8

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

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
SILTY LOAM- gray-medium dense (A-4)	26		
	26		
SAND & GRAVEL- gray-very dense (A-1-b)	32	NP	8
	26		
	31		
-45.0	36	NP	9
	27		
	36		
	41	NP	9
END OF BORING @ -47.5' Hollow Stem Augers CME Automatic Hammer			
-50.0			
-55.0			
-60.0			
-65.0			
-70.0			
-75.0			
-80.0			

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SOIL BORING LOG

PAGE 1 of 2
DATE April 22, 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-8
Station 3355+91
Offset 95.2' Left
Ground Surface Elev. -762.8

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

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
SILTY CLAY- dark brown (FILL)	4		
	4		
CLAY- brown & gray- very stiff (A-6)	4	3.5P	17
	4		122
	6		
-5.0	10	3.2B	14
	5		115
	7		
	11	3.7B	17
	8		114
	6		
-10.0	15	4.3B	18
CLAY- gray-very stiff to hard (A-6)	3		110
	5		
	7	2.4B	20
	3		111
	8		
-15.0	9	2.1B	19
CLAY- gray-stiff (A-6)	3		109
	3		
	6	1.3B	20
	6		112
	3		
-20.0	5	1.6B	19
CLAY- gray-stiff (A-6)	2		
	4		
	5		
	6	1.4B	15
	4		122
	4		
-25.0	6	1.4B	17
	7		125
	7		
	7	1.6B	13
	6		
	7		
-30.0	11	1.25P	11
	4		127
	5		
	9	1.6B	12
CLAY- gray-hard (A-6)	8		127
	11		
-35.0	12	5.3B	12
SAND & GRAVEL- gray-medium dense to very dense (A-2-6)	10		
	40		
	22	NP	9
	14		
	14		
-40.0	15	NP	8

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Offset 95.2' Left
Ground Surface Elev. -762.8

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

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
SAND & GRAVEL- gray-medium dense to very dense (A-2-6)	24		
	19		
	25	NP	7
	19		
	19		
-45.0	16	NP	6
	17		
	14		
	15	NP	9
	18		
	18		
-50.0	17	NP	9
	11		
	11		
-55.0	31	NP	8
CLAY- gray-very stiff to hard (A-6)	8		188
	10		
-60.0	15	3.2B	15
CLAY- gray-very stiff to hard (A-6)	12		122
	16		
-65.0	20	3.4B	14
	11		
	14		
-70.0	18	4.0B	14
END OF BORING @ -70.0' Hollow Stem Augers CME Automatic Hammer			
-75.0			
-80.0			

NOTES:

1. For General Notes, see Sheet NW2.
2. For Boring locations, see Sheet NW2.
3. The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer) ST-Shelby Tube Sample VS=Vane Shear Test

   The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

   The Unit Dry Weight (pcf) is noted in italics above moist (%)

   NR-No Recovery

AECOM

REVISIONS NAME	DATE

F.A.P. ROUTE 307 ILLINOIS ROUTE 64
(NORTH AVENUE)
OVER E.J.&E. AND U.P. R.R.
SOIL BORING LOGS

STRUCTURE NUMBER 022-W027
FAP 307 SECTION 130 R-2
DUPAGE COUNTY
STA. 3349+70.04 TO 3356+08.49

SCALE: None DRAWN BY: MRK
DATE: MAY 13, 2011 CHECKED BY: RDP