5/2/2011 9:57:20 AM
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	130 R-2	DUPAGE,KANE	647	498
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
1235 E. DAVIS ST./ARLINGTON HTS., IL 60005
(847)398-4414 • FAX(847) 398-2376

SOIL BORING LOG

PAGE 1 of 2
DATE January 8, 2003
LOGGED BY RH
OBA JOB No. 02335

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-41
Station 3356+69
Offset 43' Left
Ground Surface Elev. 759.8

Surface Water Elev. n/a
Stream Bed Elev. n/a
Groundwater Elevations:
First Encounter 759.8 WD
Upon Completion 725.8 AB
After Hrs.

DEPTH	BLOWS	UCS Qu	MOIST	
(ft)	(/6")	(tsf)	(%)	
				CRUSHED STONE (FILL)
	3			
	4			CLAY to CLAY LOAM-
	10	3.0P	15	gray-medium stiff (A-6)
	5			
-5.0	10	5.3B	18	CLAY-brown & gray-
	5			very stiff to hard (A-6)
	6			
	10	4.5+P	17	
	5			
-10.0	6			
	8	3.5B	18	
	4			CLAY-brown & gray-
	7			stiff to very stiff (A-6)
	10	3.2B	19	
	4			
	6			
-15.0	8	2.4B	19	
	4			
	6			SANDY CLAY LOAM-
	6	1.9B	20	gray-dense (A-2-6)
	4			
	5			CLAY to CLAY LOAM-
-20.0	2	0.8B	15	gray-medium stiff (A-6)

DEPTH	BLOWS	UCS Qu	MOIST	
(ft)	(/6")	(tsf)	(%)	
	4			
	4			CLAY to CLAY LOAM-
	5	0.75P	13	gray-medium stiff (A-6)
	4			
-25.0	11	4.3B	11	CLAY-brown & gray-
	4			stiff to hard (A-6)
	7			
	7	4.3B	12	
	5			
-30.0	9	4.7B	12	
	6			
	6	1.9B	13	
	10			
-35.0	17	5.7B	13	
	12			
	18			
	21	NP	11	
	8			
	14			SAND & GRAVEL-gray-
-40.0	16	NP	12	medium dense to dense (A-1)

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DATE December 10, 2002
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OBA JOB No. 02335

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-42
Station 3356+69
Offset 43' Left
Ground Surface Elev. 759.5

Surface Water Elev. n/a
Stream Bed Elev. n/a
Groundwater Elevation:
First Encounter 750.5 WD
Upon Completion 745.5 AB
After Hrs.

DEPTH	BLOWS	UCS Qu	MOIST	
(ft)	(/6")	(tsf)	(%)	
	4			SAND, GRAVEL & STONE-
	4			block (FILL)
	4			CLAY LOAM with CINDERS-
	4	0.5P	16	brown, gray & black-medium stiff (FILL)
	3			
	3			CLAY-brown & gray-
-5.0	4	1.25P	17	soft to stiff (A-6)
	3			
	3			
	2	0.25P	18	
	4			SILTY CLAY LOAM-
	12			gray-medium dense (A-4)
-10.0	15	NP	17	
	8			
	11			CLAY-gray-
	16	3.6B	19	stiff to very stiff (A-6)
	6			
	11			
-15.0	16	2.8B	20	
	7			
	10			
	14	2.5B	18	
	5			
	8			
-20.0	10	1.25B	13	

DEPTH	BLOWS	UCS Qu	MOIST	
(ft)	(/6")	(tsf)	(%)	
	10			CLAY-gray-
	18			stiff to very stiff (A-6)
	21	2.5B	12	
	21			
-25.0	16	2.2B	12	
	28			Drillers Observation:
	50/5"			Cobbles & Boulders-very dense
			NR	
	26			
	26			
-30.0	29		NR	
	29			
	31			CLAY-gray-
	38	4.5P	16	very stiff to hard (A-6)
	12			
	16			
-35.0	18	2.9B	18	
	9			
	16			
	26	3.6B	17	
	13			
	16			
-40.0	24	4.2B	16	

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SOIL BORING LOG

PAGE 1 of 2
DATE January 7, 2002
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OBA JOB No. 02335

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-43
Station 3357+22
Offset 43' Right
Ground Surface Elev. -764.5

Surface Water Elev. n/a
Stream Bed Elev. n/a
Groundwater Elevations:
First Encounter 726.0 WD
Upon Completion 692.5 AB
After Hrs.

DEPTH	BLOWS	UCS Qu	MOIST	
(ft)	(/6")	(tsf)	(%)	
				Miscellaneous GRAVEL, STONE, CONCRETE & CLAY-medium dense (FILL)
	13			
	16	NP	12	
	7			
	10			CLAY-brown & gray-
-5.0	10	4.5P	16	stiff to hard (A-6)
	5			
	6			
	7	1.5P	15	
	7			
-10.0	14	6.0B	17	
	8			
	16			SILTY CLAY LOAM to SILTY LOAM-
	19	NP	20	brown & gray-dense (A-4)
	7			
	8			CLAY-gray-
-15.0	8	2.4B	18	very stiff (A-6)
	6			
	8			
	9	2.9B	18	
	4			CLAY to CLAY LOAM-
-20.0	4	0.5P	13	gray-medium stiff to stiff (A-6)

DEPTH	BLOWS	UCS Qu	MOIST	
(ft)	(/6")	(tsf)	(%)	
	4			CLAY to CLAY LOAM-
	7			gray-medium stiff to stiff (A-6)
	6	1.2B	13	
	6			
-25.0	16	2.4B	11	CLAY-gray-
	8			stiff to hard (A-6)
	14			
	14	4.5+P	12	
	12			
-30.0	18	4.5+P	10	
	10			
	18			
	18	4.0P	10	
	8			
	11	2.5B	12	
	14			
	21			
	31	4.5+P	11	
	14			SAND with GRAVEL gray-
	29			medium dense to very dense (A-1)
-40.0	33	NP	7	

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STRUCT. NO.
Station
BORING NO. B-41
Station 3356+69
Offset 43' Left
Ground Surface Elev. 759.8

Surface Water Elev. n/a
Stream Bed Elev. n/a
Groundwater Elevations:
First Encounter 759.8 WD
Upon Completion 725.8 AB
After Hrs.

DEPTH	BLOWS	UCS Qu	MOIST	
(ft)	(/6")	(tsf)	(%)	
	9			SAND & GRAVEL-gray-
	14			medium dense to dense (A-1)
	15	NP	13	
	8			
	13			
-45.0	17	NP	15	
	10			
	11			
	16	NP	10	
	9			
	12			
-50.0	12	NP	12	
	10			
	12			
	10	NP	11	
	8			
	9			CLAY-gray-
-55.0	10	2.2P	12	very stiff to hard (A-6)
	8			
	9			
	13	4.5+P	13	
	9			
	16			
-60.0	16	4.5+P	14	

DEPTH	BLOWS	UCS Qu	MOIST	
	8			
	14			CLAY-gray-
	17	3.0P	15	very stiff to hard (A-6)
	9			
	14			
-65.0	16	3.25P	15	
	7			
	10			
	15	3.0P	15	
	8			
	12			
-70.0	14	4.0P	15	END OF BORING @ -70.0'
				Hollow Stem Augers
				CME Automatic Hammer
-80.0				

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Station 3356+69
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Surface Water Elev. n/a
Stream Bed Elev. n/a
Groundwater Elevation:
First Encounter 750.5 WD
Upon Completion 745.5 AB
After Hrs.

DEPTH	BLOWS	UCS Qu	MOIST	
(ft)	(/6")	(tsf)	(%)	
	18			SAND with GRAVEL-
	24			gray-dense to very dense (A-1-b)
	26	NP	15	
	16			
	19			
-45.0	23	NP	16	
	18			
	18			
	20	NP	17	
	29			
	41			SAND & GRAVEL-
-50.0	44	NP	11	gray-very dense (A-1)
	19			
	38			
	42	NP	10	
	18			
	24			
-55.0	26	NP	11	
	16			
	21			
	27	NP	9	
				END OF BORING @ -57.5'
				Hollow Stem Augers
				CME Automatic Hammer
-60.0				

DEPTH	BLOWS	UCS Qu	MOIST	
-80.0				

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Stream Bed Elev. n/a
Groundwater Elevations:
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Upon Completion 692.5 AB
After Hrs.

DEPTH	BLOWS	UCS Qu	MOIST	
(ft)	(/6")	(tsf)	(%)	
	13			
	27			
	35	NP	6	SAND with GRAVEL-gray-
	12			medium dense to very dense (A-1)
	18			
-45.0	26	NP	8	
	14			
	21			
	28	NP	7	
	6			
	8			
-50.0	11	NP	8	
	8			
	12			
	13	NP	10	
	7			
	10			
-55.0	12	NP	10	
	8			
	12			
	14	NP	11	
	10			
	18			
-60.0	23		NR	END OF BORING @ -60.0'
				Hollow Stem Augers
				CME Automatic Hammer
-80.0				

AECOM

Sheet B55 of 56

REVISIONS	
NAME	DATE

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

SOIL BORINGS - III

STRUCTURE NUMBER 022-0190
FAP 307 SECTION 130 R-2
DUPAGE COUNTY
STA. 3357+81.21

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