STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	130 R-2	DUPAGE,KANE	647	539
STA. 3356+37.74		TO STA. 3359+24.72		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

62410

SOIL BORING LOG

OBA — O'BRIEN & ASSOCIATES, INC. CONSULTING ENGINEERS
1235 E. DAVIS ST./ARLINGTON HTS., IL 60005
(847)228-4414 / FAX(847) 228-2376

PAGE 1 of 2
DATE December 6, 2002
LOGGED BY CC
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-13
Station 3360+89
Offset 70' Left
Ground Surface Elev. 760.5

Surface Water Elev. n/a
Stream Bed Elev. n/a
Groundwater Elevation:
First Encounter 725.5 WD
Upon Completion 722.5 AB
After ___ Hrs.

Description	Depth (ft)	Blows (/6")	Qu (tsf)	Moist (%)
CLAYEY TOPSOIL- dark brown to black				
SAND with GRAVEL- brown-medium dense (A-1-b)		7, 10, 16	NP	7
		9, 2, 13	NP	6
CLAY- gray-stiff to very stiff (A-6)	-5.0	5, 5, 8	3.0P, 0.8B	14
		4, 7, 10	2.0B, 2.4B	22
		4, 7, 9	2.5B	22
	-15.0	5, 5, 7	1.6B	19
		4, 7, 9	2.5B	17
	-20.0			
CLAY- gray-stiff to very stiff (A-6)		5, 7, 8	2.2B	17
		7, 8, 9	2.2B	17
		7, 8, 11	2.0B	13
	-25.0	15, 17, 23	1.4B	15
		9, 11, 13	1.1B	11
	-30.0	19, 24, 28	2.0P	10
		28, 28, 18	3.5P	16
	-35.0	21, 37, 38	NP	7
GRAVEL with SAND- very dense (A-1-a)		5, 9, 12	NP	17
SAND with GRAVEL-gray- medium dense to very dense (A-1-b)	-40.0			

SOIL BORING LOG

OBA — O'BRIEN & ASSOCIATES, INC. CONSULTING ENGINEERS
1235 E. DAVIS ST./ARLINGTON HTS., IL 60005
(847)228-4414 / FAX(847) 228-2376

PAGE 1 of 1
DATE December 6, 2002
LOGGED BY CC
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-14
Station 3361+58
Offset 62' Left
Ground Surface Elev. 760.5

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

Description	Depth (ft)	Blows (/6")	Qu (tsf)	Moist (%)
SANDY TOPSOIL-dark brown (FILL)				
SAND & GRAVEL- brown-very dense (A-1) FILL		21, 19, 31	NP	3
CLAY LOAM gray-very stiff (A-4/A-6) FILL	-5.0	11, 16, 16	2.75P	13
CLAY-brown & gray- dense (A-6) FILL		11, 22, 26	-	12
CLAY-gray- very stiff (A-6)	-10.0	8, 10, 12	-	14
		9, 8, 13	2.2B	19
	-15.0	4, 8, 11	2.9B	19
		8, 11, 15	2.2B	18
	-20.0	10, 9, 12	2.9B	18
CLAY-gray- very stiff (A-6)		6, 9, 18	NP	12
SILTY LOAM-gray- medium dense (A-4)		6, 8, 11	0.8B	13
CLAY-gray- very stiff to hard (A-6)	-25.0	5, 7, 23	0.9B	13
		9, 11, 18	2.4B	11
	-30.0	7, 11, 16	3.0B	12
		13, 20, 48	NP	8
SAND, GRAVEL & Fractured STONE- gray-very dense (A-1)	-35.0			
END OF BORING @ -35.0' Hollow Stem Augers CME Automatic Hammer	-40.0			

SOIL BORING LOG

OBA — O'BRIEN & ASSOCIATES, INC. CONSULTING ENGINEERS
1235 E. DAVIS ST./ARLINGTON HTS., IL 60005
(847)228-4414 / FAX(847) 228-2376

PAGE 1 of 2
DATE April 26, 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-15
Station 3362+30
Offset 25.3' Left
Ground Surface Elev. 772.6

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")	Qu (tsf)	Moist (%)
8.0" ASPHALT, 6.0" CONCRETE				
SANDY TOPSOIL- black (FILL)		2, 6, 5	NP	36
SILTY CLAY to CLAY- dark brown spotted black- stiff to very stiff (A-6) FILL		4, 4, 5	1.75P	22
	-5.0	3, 3, 4	2.0P	25
TOPSOIL- black-very stiff (A-7) Wet		3, 3, 5	2.0P	49
	-10.0	3, 4, 7	1.5P	31
CLAY- brown-very stiff (A-6) Wet		3, 4, 4	3.5P	27
	-15.0	5, 9, 10	NP	10
SAND & GRAVEL- brown-medium dense (A-1-b)		12, 9, 9		
SILTY CLAY to SILTY CLAY LOAM- brown-medium dense (A-4/A-6)	-20.0	8, 13, 16	3.5P	19
SILTY CLAY to SILTY CLAY LOAM- brown-medium dense (A-4/A-6)		4, 5, 6	2.0B	5
CLAY- gray-very stiff (A-6)		4, 4, 5		16
	-25.0	5, 10, 11	2.0B	14
		4, 4, 5		96
CLAY- gray-medium stiff (A-6)		4, 5, 5	0.75B	21
	-30.0	4, 3, 3	1.25P	23
CLAY- gray-stiff to very stiff (A-6)		6, 7, 7	2.0B	17
	-35.0	4, 4, 6	1.6B	19
		5, 5, 6	1.2B	18
	-40.0	7, 5, 10	3.0P	24

SOIL BORING LOG

OBA — O'BRIEN & ASSOCIATES, INC. CONSULTING ENGINEERS
1235 E. DAVIS ST./ARLINGTON HTS., IL 60005
(847)228-4414 / FAX(847) 228-2376

PAGE 2 of 2
DATE December 6, 2002
LOGGED BY CC
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-13
Station 3360+89
Offset 70' Left
Ground Surface Elev. 760.5

Surface Water Elev. n/a
Stream Bed Elev. n/a
Groundwater Elevation:
First Encounter 725.5 WD
Upon Completion 722.5 AB
After ___ Hrs.

Description	Depth (ft)	Blows (/6")	Qu (tsf)	Moist (%)
SAND with GRAVEL-gray- medium dense to very dense (A-1-b)		12, 29, 28	NP	9
		12, 14, 16	NP	12
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			

SOIL BORING LOG

OBA — O'BRIEN & ASSOCIATES, INC. CONSULTING ENGINEERS
1235 E. DAVIS ST./ARLINGTON HTS., IL 60005
(847)228-4414 / FAX(847) 228-2376

PAGE 2 of 2
DATE April 26, 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-15
Station 3362+30
Offset 25.3' Left
Ground Surface Elev. 772.6

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")	Qu (tsf)	Moist (%)
CLAY- gray-stiff to very stiff (A-6)		10, 8, 12	2.6B	12
NOTE: Sand & Grave Seams from -43.5' to -45.0'		9, 9, 7	NP	1
	-45.0	5, 5, 8	2.8B	13
		7, 9, 12	3.6B	17
	-50.0	42, 22, 13	NP	9
CLAYEY SAND & FRACTURED STONE- gray-medium dense to very dense (A-2-6)		11, 12, 19	NP	7
	-55.0	20, 26, 40	NP	6
END OF BORING @ -57.5' Hollow Stem Augers CME Automatic Hammer	-60.0			
	-65.0			
	-70.0			
	-75.0			
	-80.0			

NOTES:

1. For General Notes, see Sheet NE2.
2. For Boring locations, see Sheet NE1.
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

Sheet SB4 of 10

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-W028
FAP 307 SECTION 130 R-2
DUPAGE COUNTY
STA. 3358+66.25 TO 3366+48.00

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