

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
307	130 R-2	DUPAGE, KANE	647	541
STA. 3356+37.74		TO STA. 3359+24.72		
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT			

62410

SOIL BORING LOG		PAGE 1 of 1	
O'BRIEN & ASSOCIATES, INC. CONSULTING ENGINEERS			
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" Hollow Stem Auger HAMMER TYPE CME Automatic			
STRUCT. NO. Station			
BORING NO. B-21 Station 3351+05			
Offset 179.0' Right			
Ground Surface Elev. -766.1			
Surface Water Elev. n/a			
Stream Bed Elev. n/a			
Groundwater Elevation: First Encounter Dry			
Upon Completion Dry			
After Hrs.			
SAND & GRAVEL (F1)			
SILTY CLAY-dark brown spotted black-very stiff (A-6) Wet			
CLAY-brown & gray-very stiff to hard (A-6)			
NOTE: Silt Streaks from -8.5' to -10.0'			
SILTY CLAY-gray-stiff to very stiff (A-6)			
END OF BORING @ -20.0' Hollow Stem Augers CME Automatic Hammer			

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COUNTY DuPage DRILLING METHOD 3.25" Hollow Stem Auger HAMMER TYPE CME Automatic			
STRUCT. NO. Station			
BORING NO. B-23 Station 3352+49			
Offset 176.0' Right			
Ground Surface Elev. -763.9			
Surface Water Elev. n/a			
Stream Bed Elev. n/a			
Groundwater Elevation: First Encounter Dry			
Upon Completion Dry			
After Hrs.			
CLAYEY SAND & GRAVEL-dark brown to black (F1)			
SILTY CLAY-dark brown spotted black-very stiff (A-6) Wet			
CLAY-brown & gray-stiff to hard (A-6)			
NOTE: Silt Streaks from -3.5' to -5.0'			
CLAY-gray-very stiff (A-6)			
END OF BORING @ -20.0' Hollow Stem Augers CME Automatic Hammer			

SOIL BORING LOG		PAGE 1 of 2	
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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-25 Station 3353+93			
Offset 80.0' Right			
Ground Surface Elev. -764.8			
Surface Water Elev. n/a			
Stream Bed Elev. n/a			
Groundwater Elevation: First Encounter n/a			
Upon Completion n/a			
After Hrs.			
TOPSOIL-black			
SILTY CLAY-dark brown & gray-very stiff (A-6) Wet			
CLAY-brown & gray-very stiff to hard (A-6)			
CLAY-gray-stiff to very stiff (A-6)			
CLAY-gray-stiff to very stiff (A-6)			
END OF BORING @ -20.0' Hollow Stem Augers CME Automatic Hammer			

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COUNTY DuPage DRILLING METHOD 3.25" HSA/Rotary HAMMER TYPE CME Automatic			
STRUCT. NO. Station			
BORING NO. B-26 Station 3354+69			
Offset 83.0' 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.			
TOPSOIL-black			
SILTY CLAY-dark brown & black-very stiff (A-6) Wet			
SILTY CLAY to CLAY-brown & gray-very stiff to hard (A-6)			
SILT-brown & gray-medium dense (A-4)			
CLAY-gray-stiff to very stiff (A-6)			
CLAY-gray-very stiff (A-6)			
END OF BORING @ -40.0' Hollow Stem Augers CME Automatic Hammer			

- NOTES:**
- For General Notes, see Sheet SW2.
 - For Boring locations, see Sheets SW1 and SW2.
 - 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



Sheet SB6 of 10

REVISIONS		F.A.P. ROUTE 307 ILLINOIS ROUTE 64 (NORTH AVENUE) OVER E.J. & E. AND U.P. R.R. SOIL BORING LOGS	
NAME	DATE		
		STRUCTURE NUMBER 022-W029 FAP 307 SECTION 130 R-2 DUPAGE COUNTY STA. 3350+69.00 TO 3356+80.01	
		SCALE: None	DRAWN BY: MRK
		DATE: MAY 13, 2011	CHECKED BY: RDP

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STRUCT. NO. Station			
BORING NO. B-22 Station 3351+77			
Offset 176.5' Right			
Ground Surface Elev. -764.1			
Surface Water Elev. n/a			
Stream Bed Elev. n/a			
Groundwater Elevation: First Encounter Dry			
Upon Completion Dry			
After Hrs.			
END OF BORING @ -20.0' Hollow Stem Augers CME Automatic Hammer			
CLAYEY SAND & GRAVEL-dark brown to black-medium dense (F1)			
CLAY-Dark brown spotted black-very stiff (A-6)			
CLAY-brown & gray-very stiff to hard (A-6)			
CLAY-gray-very stiff (A-6)			
END OF BORING @ -20.0' Hollow Stem Augers CME Automatic Hammer			

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STRUCT. NO. Station			
BORING NO. B-24 Station 3353+32			
Offset 180.0' Right			
Ground Surface Elev. -764.1			
Surface Water Elev. n/a			
Stream Bed Elev. n/a			
Groundwater Elevation: First Encounter Dry			
Upon Completion Dry			
After Hrs.			
TOPSOIL-dark brown to black			
SILTY CLAY-dark brown & gray spotted black-very stiff (A-6) Wet			
CLAY-brown & gray-very stiff to hard (A-6)			
CLAY-gray-very stiff (A-6)			
END OF BORING @ -20.0' Hollow Stem Augers CME Automatic Hammer			

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STRUCT. NO. Station			
BORING NO. B-25 Station 3353+93			
Offset 80.0' Right			
Ground Surface Elev. -764.8			
Surface Water Elev. n/a			
Stream Bed Elev. n/a			
Groundwater Elevation: First Encounter n/a			
Upon Completion n/a			
After Hrs.			
CLAY to CLAY LOAM-gray-hard (A-6)			
END OF BORING @ -45.0' Hollow Stem Augers CME Automatic Hammer			