

ILLINOIS DEPARTMENT OF TRANSPORTATION
Testing Service Corporation
STRUCTURE BORING LOG

Page 1 of 2
Date 2/18/04

ROUTE 94-P403-00-BR DESCRIPTION Wheaton Park District Pedestrian Path/Bridge over UPRR
SECT. 94-P403-00-BR STRUCT. NO. DRILLED BY TSC/L-53,861
COUNTY DuPage LOCATION S. TWP. RNC.

Boring No. BH-5 Station 22+33.00 Offset 0.00ft Surface Elev. 738.30 ft

DEPTH (ft)	SOIL DESCRIPTION	Penetration Test (blows/ft)	Other Data
0-6	FILL - Brown CLAY, trace topsoil, moist A-6	3.75	14.3
6-10	FILL - Black SILTY CLAY (topsoil, moist A-7-6	4.0	27.2
10-14	FILL - Brown CLAY, little topsoil, moist A-7-6	4.0	27.4
14-18	Very tough to hard brown CLAY, moist A-6	4.0	14.3
18-22	Tough brown CLAY, moist A-7-6	15.2	22.0
22-26	Very tough brown SILTY CLAY LOAM, moist A-6	15.2	14.6
26-30	Firm brown and gray silty SAND and GRAVEL, wet A-2-4	15.2	14.0
30-34	Very tough gray CLAY, moist A-6	15.2	15.9
34-38	Very tough gray CLAY, moist A-6	15.2	17.9
38-42	Firm gray SAND and GRAVEL, occasional cobbles, saturated A-1-a	15.2	17.0
42-46	Very tough gray CLAY, moist A-6	15.2	21.8

End of Boring at 70.0'

Equipment: CME 750 ATV Drill Rig (#53), CME Automatic Hammer, 3.25" (83 mm) ID HSA

SPT, (N) = Sum of last two blow values in sample. (Q) B-Bulge S-Shear P-Penetration Test
Stations, Depths, Offset, and Elevations are in Feet

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Page 2 of 2
Date 2/18/04

STRUCTURE NO. _____
ROUTE 94-P403-00-BR
SECTION 94-P403-00-BR
COUNTY DuPage

Boring No. BH-5 Station 22+33.00 Offset 0.00ft Elevation 698.30 ft

DEPTH (ft)	SOIL DESCRIPTION	Penetration Test (blows/ft)	Other Data
0-4	Firm gray SAND and GRAVEL, occasional cobbles, saturated A-1-a	10.7	10.7
4-8	Firm gray silty SAND and GRAVEL, wet A-2-4	10.7	10.7
8-12	Firm gray SAND, saturated A-1-b	10.7	10.7
12-16	Dense gray SAND and GRAVEL, saturated A-1-a	10.7	10.7

End of Boring at 70.0'

Equipment: CME 750 ATV Drill Rig (#53), CME Automatic Hammer, 3.25" (83 mm) ID HSA

SPT, (N) = Sum of last two blow values in sample. (Q) B-Bulge S-Shear P-Penetration Test
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Page 1 of 2
Date 2/24/04

ROUTE 94-P403-00-BR DESCRIPTION Wheaton Park District Pedestrian Path/Bridge over UPRR
SECT. 94-P403-00-BR STRUCT. NO. DRILLED BY TSC/L-53,861
COUNTY DuPage LOCATION S. TWP. RNC.

Boring No. BH-6 Station 19+35.53 Offset 0.00ft Surface Elev. 728.30 ft

DEPTH (ft)	SOIL DESCRIPTION	Penetration Test (blows/ft)	Other Data
0-4	Black SILTY CLAY (topsoil)	15	22.6
4-8	Tough brown CLAY, trace organic, moist A-6/A-7-6	15	16.9
8-12	Very tough brown CLAY, moist A-6	15	15.6
12-16	Stiff brown and gray CLAY, very moist A-6	15	25.3
16-20	Tough brownish-gray CLAY, moist A-6	15	14.0
20-24	Very tough gray CLAY LOAM, moist A-6	15	14.4
24-28	Very tough gray CLAY, occasional silt seams, moist A-6	15	15.3
28-32	Very tough gray CLAY, occasional silt seams, moist A-6	15	16.7
32-36	Very tough gray CLAY, occasional silt seams, moist A-6	15	15.2
36-40	Very tough gray CLAY, occasional silt seams, moist A-6	15	15.1
40-44	Very tough gray CLAY, occasional silt seams, moist A-6	15	16.5

End of Boring at 70.0'

Equipment: CME 750 ATV Drill Rig (#53), CME Automatic Hammer, 3.25" (83 mm) ID HSA

SPT, (N) = Sum of last two blow values in sample. (Q) B-Bulge S-Shear P-Penetration Test
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ILLINOIS DEPARTMENT OF TRANSPORTATION
Testing Service Corporation
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Page 2 of 2
Date 2/24/04

STRUCTURE NO. _____
ROUTE 94-P403-00-BR
SECTION 94-P403-00-BR
COUNTY DuPage

Boring No. BH-6 Station 19+35.53 Offset 0.00ft Elevation 683.30 ft

DEPTH (ft)	SOIL DESCRIPTION	Penetration Test (blows/ft)	Other Data
0-4	Firm gray SAND and GRAVEL, occasional cobbles, saturated A-1-a	10.3	10.3

End of Boring at 60.0'

Equipment: CME 750 ATV Drill Rig (#53), CME Automatic Hammer, 3.25" (83 mm) ID HSA

SPT, (N) = Sum of last two blow values in sample. (Q) B-Bulge S-Shear P-Penetration Test
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Page 1 of 2
Date 8/23/99

ROUTE 94-P403-00-BR DESCRIPTION Wheaton Park District Pedestrian Path/Bridge over UPRR
SECT. 94-P403-00-BR STRUCT. NO. DRILLED BY TSC/L-48,240
COUNTY DuPage LOCATION S. TWP. RNC.

Boring No. B-8 Station 42+00ft LT Offset 42.00ft LT Surface Elev. 738.30 ft

DEPTH (ft)	SOIL DESCRIPTION	Penetration Test (blows/ft)	Other Data
0-4	FILL - Brown, gray and black CLAY, trace gravel, moist A-6	4.5	18.6
4-8	Hard brown and black CLAY, trace gravel, moist A-7-6	4.5	1.9
8-12	Hard to very tough brown and gray CLAY, trace gravel, moist A-6	15.3	15.3
12-16	Very tough to tough brown and gray CLAY, trace gravel, moist A-6 (Sp = 3.0 tsf)	15.3	12.5
16-20	(Sample 1: Sp=2.5 tsf)	15.6	15.6
20-24	Tough to very tough gray CLAY, trace gravel, occasional trace layered sand, moist A-6	17.6	17.6
24-28	(Sample 10: Sp=2.5 tsf)	17.6	17.6
28-32	Tough to very tough gray CLAY, trace gravel, occasional trace layered sand, moist A-6	17.6	17.6
32-36	(Sample 10: Sp=2.5 tsf)	17.6	17.6
36-40	Tough to very tough gray CLAY, trace gravel, occasional trace layered sand, moist A-6	17.6	17.6
40-44	(Sample 10: Sp=2.5 tsf)	17.6	17.6
44-48	Tough to very tough gray CLAY, trace gravel, occasional trace layered sand, moist A-6	17.6	17.6
48-52	(Sample 10: Sp=2.5 tsf)	17.6	17.6
52-56	Tough to very tough gray CLAY, trace gravel, occasional trace layered sand, moist A-6	17.6	17.6
56-60	(Sample 10: Sp=2.5 tsf)	17.6	17.6
60-64	Tough to very tough gray CLAY, trace gravel, occasional trace layered sand, moist A-6	17.6	17.6
64-68	(Sample 10: Sp=2.5 tsf)	17.6	17.6
68-72	Tough to very tough gray CLAY, trace gravel, occasional trace layered sand, moist A-6	17.6	17.6
72-76	(Sample 10: Sp=2.5 tsf)	17.6	17.6
76-80	Tough to very tough gray CLAY, trace gravel, occasional trace layered sand, moist A-6	17.6	17.6
80-84	(Sample 10: Sp=2.5 tsf)	17.6	17.6
84-88	Tough to very tough gray CLAY, trace gravel, occasional trace layered sand, moist A-6	17.6	17.6
88-92	(Sample 10: Sp=2.5 tsf)	17.6	17.6
92-96	Tough to very tough gray CLAY, trace gravel, occasional trace layered sand, moist A-6	17.6	17.6
96-100	(Sample 10: Sp=2.5 tsf)	17.6	17.6

End of Boring at 70.0'

Equipment: CME 750 ATV Drill Rig (#53), CME Automatic Hammer, 3.25" (83 mm) ID HSA

SPT, (N) = Sum of last two blow values in sample. (Q) B-Bulge S-Shear P-Penetration Test
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Page 2 of 2
Date 8/23/99

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ROUTE 94-P403-00-BR
SECTION 94-P403-00-BR
COUNTY DuPage

Boring No. B-8 Station 42+00ft LT Offset 42.00ft LT Elevation 688.30 ft

DEPTH (ft)	SOIL DESCRIPTION	Penetration Test (blows/ft)	Other Data
0-4	Dense gray SILTY LOAM, little gravel, moist A-4	18	24
4-8	Dense gray SAND, moist to saturated A-3	15	15
8-12	Firm gray LOAM/SILTY LOAM, saturated A-4	15	21
12-16	Firm gray SAND and GRAVEL, saturated A-1-a	15	15

End of Boring at 70.0'

Equipment: CME 750 ATV Drill Rig (#53), CME Automatic Hammer, 3.25" (83 mm) ID HSA

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SECT. 94-P403-00-BR STRUCT. NO. DRILLED BY TSC/L-48,240
COUNTY DuPage LOCATION S. TWP. RNC.

Boring No. B-9 Station 35+00ft RT Offset 35.00ft RT Surface Elev. 738.30 ft

DEPTH (ft)	SOIL DESCRIPTION	Penetration Test (blows/ft)	Other Data
0-4	FILL - Brown and gray CLAY, trace gravel, moist A-6	4.0	17.9
4-8	Very tough to hard brown CLAY, trace gravel, moist A-6/A-7-6	2.5	17.9
8-12	Very tough brown and gray CLAY, trace gravel, moist A-6	15.6	15.6
12-16	Very tough to hard gray CLAY, trace gravel, moist A-6	15.6	15.6
16-20	Very tough to hard gray CLAY, trace gravel, moist A-6	15.6	15.6
20-24	Very tough to hard gray CLAY, trace gravel, moist A-6	15.6	15.6
24-28	Very tough to hard gray CLAY, trace gravel, moist A-6	15.6	15.6
28-32	Very tough to hard gray CLAY, trace gravel, moist A-6	15.6	15.6
32-36	Very tough to hard gray CLAY, trace gravel, moist A-6	15.6	15.6
36-40	Very tough to hard gray CLAY, trace gravel, moist A-6	15.6	15.6
40-44	Very tough to hard gray CLAY, trace gravel, moist A-6	15.6	15.6
44-48	Very tough to hard gray CLAY, trace gravel, moist A-6	15.6	15.6
48-52	Very tough to hard gray CLAY, trace gravel, moist A-6	15.6	15.6
52-56	Very tough to hard gray CLAY, trace gravel, moist A-6	15.6	15.6
56-60	Very tough to hard gray CLAY, trace gravel, moist A-6	15.6	15.6
60-64	Very tough to hard gray CLAY, trace gravel, moist A-6	15.6	15.6
64-68	Very tough to hard gray CLAY, trace gravel, moist A-6	15.6	15.6
68-72	Very tough to hard gray CLAY, trace gravel, moist A-6	15.6	15.6
72-76	Very tough to hard gray CLAY, trace gravel, moist A-6	15.6	15.6
76-80	Very tough to hard gray CLAY, trace gravel, moist A-6	15.6	15.6
80-84	Very tough to hard gray CLAY, trace gravel, moist A-6	15.6	15.6
84-88	Very tough to hard gray CLAY, trace gravel, moist A-6	15.6	15.6
88-92	Very tough to hard gray CLAY, trace gravel, moist A-6	15.6	15.6
92-96	Very tough to hard gray CLAY, trace gravel, moist A-6	15.6	15.6
96-100	Very tough to hard gray CLAY, trace gravel, moist A-6	15.6	15.6

End of Boring at 70.0'

Equipment: CME 750 ATV Drill Rig (#53), CME Automatic Hammer, 3.25" (83 mm) ID HSA

SPT, (N) = Sum of last two blow values in sample. (Q) B-Bulge S-Shear P-Penetration Test
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Boring No. B-9 Station 35+00ft RT Offset 35.00ft RT Elevation 688.30 ft

DEPTH (ft)	SOIL DESCRIPTION	Penetration Test (blows/ft)	Other Data
0-4	Dense gray SILTY LOAM, occasional cobble, moist A-4	18	24
4-8	Firm gray SAND and GRAVEL, saturated A-1-a	15	15
8-12	Dense gray SAND, saturated A-3	15	15
12-16	Dense gray SANDY LOAM, saturated A-2-4	15	15
16-20	Firm gray clayey SAND and GRAVEL, moist A-2-4	15	15

End of Boring at 70.0'

Equipment: CME 750 ATV Drill Rig (#53), CME Automatic Hammer, 3.25" (83 mm) ID HSA

SPT, (N) = Sum of last two blow values in sample. (Q) B-Bulge S-Shear P-Penetration Test
Stations, Depths, Offset, and Elevations are in Feet

PREPARED FOR:
WHEATON PARK DISTRICT
666 S. MAIN STREET
WHEATON, ILLINOIS 60187



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NO.		DATE		DESCRIPTION	

INDEX OF BRIDGE SHEETS
SHEET 528 OF 529

BORINGS - SHEET 2 OF 3

PEDESTRIAN/BICYCLE PATH BRIDGE OVER UNION PACIFIC RAILROAD

FILE NAME: BORING	DSGN. BY: MMH	JOB NO.: 551,007	FLD. BK./PG.: ----	SHEET NO. 41 of 54
DISC. NUMBER: 551007	DRN. BY: MD	DATE: 04-26-04	SCALE: ----	