

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAU 1441	00-00059-00-BR	KANE	154	122
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

Contract # 83869

Illinois Department of Transportation  
Division of Highway Professional Services

**SOIL BORING LOG** Page 1 of 1 Date 11/26/03

ROUTE FAU 1441 DESCRIPTION Wilson Street over the Fox River LOGGED BY R.G.  
SECTION 00-00059-00-BR LOCATION Wilson Street Sec. 22, Twp. 39 N, Rng. 8 E  
COUNTY Kane DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic Hammer

STRUCT. NO. 045-6050  
Station  
BORING NO. RB-1  
Station 2138  
Offset 6.00R L  
Ground Surface Elev. 673.20 ft

DEPTH (ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)
0	12	18	19	2	2	3	3	4	6
12	18	19	2	2	3	3	4	6	17
18	19	2	2	3	3	4	6	17	25
19	2	2	3	3	4	6	17	25	50/1*

SOIL DESCRIPTIONS:  
 0' ASPHALT  
 FILL: Crushed LIMESTONE base  
 SANDY LOAM A-2-S  
 Loose, brown, slightly moist  
 LOAM, A-7-6  
 Brown  
 Auger refusal at 5.75 feet  
 No groundwater was observed in the borehole during drilling  
 DOLOMITE  
 Brown, weathered  
 Auger refusal at 8.5 feet  
 No groundwater was observed in the borehole during drilling

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)  
The SPT (N value) is the sum of the last two blow values in each sampling zone (ASTM 1206) BBS, from 137 (Rev. 8-99)

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COUNTY Kane DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic Hammer

STRUCT. NO. 045-6050  
Station  
BORING NO. RB-2  
Station 1110  
Offset 8.00R L  
Ground Surface Elev. 673.00 ft

DEPTH (ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)
0	12	12	12	12	12	12	12	12	12
12	12	12	12	12	12	12	12	12	12
12	12	12	12	12	12	12	12	12	12
12	12	12	12	12	12	12	12	12	12

SOIL DESCRIPTIONS:  
 0' ASPHALT  
 5" CONCRETE  
 SAND A-1-a  
 Brown, medium dense, dry  
 LOAM, A-7-6  
 Brown  
 Auger refusal at 5.75 feet  
 No groundwater was observed in the borehole during drilling

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)  
The SPT (N value) is the sum of the last two blow values in each sampling zone (ASTM 1206) BBS, from 137 (Rev. 8-99)

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ROUTE FAU 1441 DESCRIPTION Wilson Street over the Fox River LOGGED BY R.G.  
SECTION 00-00059-00-BR LOCATION Wilson Street Sec. 22, Twp. 39 N, Rng. 8 E  
COUNTY Kane DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic Hammer

STRUCT. NO. 045-6050  
Station  
BORING NO. RB-3  
Station 4471  
Offset 10.00R R  
Ground Surface Elev. 678.61 ft

DEPTH (ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)
0	3	4	3	3	3	3	3	3	3
3	4	3	3	3	3	3	3	3	3
4	3	3	3	3	3	3	3	3	3
3	3	3	3	3	3	3	3	3	3

SOIL DESCRIPTIONS:  
 0' ASPHALT  
 SAND A-1-S  
 Brown, loose, dry  
 SANDY LOAM A-4  
 Brown, loose, slightly moist  
 SILTY CLAY LOAM A-6  
 Brown, medium stiff to stiff  
 Dolomite  
 Brown, highly weathered and fractured  
 Auger refusal at 16 feet  
 No groundwater was observed in the borehole during drilling

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)  
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COUNTY Kane DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic Hammer

STRUCT. NO. 045-6050  
Station  
BORING NO. RB-4  
Station 5159  
Offset 8.00R L  
Ground Surface Elev. 681.04 ft

DEPTH (ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)
0	4	5	5	24	24	24	24	24	24
4	5	5	24	24	24	24	24	24	24
5	5	5	24	24	24	24	24	24	24
5	5	5	24	24	24	24	24	24	24

SOIL DESCRIPTIONS:  
 0' ASPHALT  
 5" BRICK PAVERS  
 SAND A-1-S  
 Brown, medium dense  
 DOLOMITE  
 Brown, weathered  
 Auger refusal at 4 feet  
 No groundwater was observed in the borehole during drilling

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)  
The SPT (N value) is the sum of the last two blow values in each sampling zone (ASTM 1206) BBS, from 137 (Rev. 8-99)

DESIGNED	-
CHECKED	-
DRAWN	EF
CHECKED	DWH

**SOIL BORING LOG I**  
**WILSON ST OVER FOX RIVER**  
**SECTION 00-00059-00-BR**  
**KANE COUNTY**  
**STRUCTURE NO. 045-6051**

**LOCHNER**  
H.W. LOCHNER, INC., CHICAGO, ILLINOIS