F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	598	354
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

62302 *11818, ETC. 2324.6-IPIR-9

Everest Engineering Company
STRUCTURE BORING LOG

Page 1 of 1
Date 5/19/03

ROUTE FAI 90/94 DESCRIPTION DAN RYAN EXPRESSWAY
SECT. 31ST STREET TO 47TH STREET STRUCT. NO. DRILLED BY PATRICK DRILLING INC.
COUNTY COOK LOCATION HIGH MAST LIGHTING TOWER S. ___, TWP. 39 N, RNG. 14 E

Boring No. SB-15
Station 3587+72 (SB LOCAL)
Offset 51.5ft LT. OF SB LOCAL BL
Surface Elev. 4.58 ft

Surface Water Elev. ___
Groundwater Elev.: ___
when drilling ___
at Completion ___
after ___ Hrs. ___

Description	Elev.	Depth	Blows	Qu tsf	W %
TOPSOIL					
CRUSHED STONE	3.08		2 3 8		5
FILL			3 5 3		6
Very Soft to Stiff, Gray SILTY CLAY trace - gravel	-0.92		3 3 6	1.2 B	23
			1 2 1	0.4 B	26
			1 1 1	0.4 B	25
			1 1 1	0.6 B	25
			1 1 1	0.25 P	25
			1 1 1	0.2 B	25
			1 1 1	0.4 B	25
			1 1 2	0.4 B	25
END OF BORING	-20.42				

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

Everest Engineering Company
STRUCTURE BORING LOG

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Date 5/13/03

ROUTE FAI 90/94 DESCRIPTION DAN RYAN EXPRESSWAY
SECT. 31ST STREET TO 47TH STREET STRUCT. NO. DRILLED BY PATRICK DRILLING INC.
COUNTY COOK LOCATION HIGH MAST LIGHTING TOWER S. ___, TWP. 39 N, RNG. 14 E

Boring No. SB-17
Station 3595+81 (SB LOCAL)
Offset 74.0ft LT. OF SB LOCAL BL
Surface Elev. 12.70 ft

Surface Water Elev. ___
Groundwater Elev.: 6.7
when drilling 6.7
at Completion ___
after ___ Hrs. ___

Description	Elev.	Depth	Blows	Qu tsf	W %
TOPSOIL	12.37				
Medium Dense, Brown SANDY LOAM trace - gravel			5 6 6		14
FILL	9.70				
Loose, Brown SANDY LOAM trace to some - gravel			3 4 5		9
			3 3 5		10
Loose, Brown SANDY GRAVEL	4.70		1 1 3		10
			5 3 2		24
Loose, Gray SILT trace - gravel	0.70		2 3 2		25
Soft to Stiff, Gray SILTY CLAY trace - gravel	-2.60		1 1 1	1.0 B	22
			1 1 2	0.5 B	25
			1 2 2	0.5 B	28
			3 2 2	0.3 B	24
END OF BORING	-12.30				

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

Everest Engineering Company
STRUCTURE BORING LOG

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Date 8/22/03

ROUTE FAI 90/94 DESCRIPTION DAN RYAN EXPRESSWAY
SECT. 31ST STREET TO 47TH STREET STRUCT. NO. DRILLED BY PATRICK DRILLING
COUNTY COOK LOCATION OVERHEAD SIGN STRUCTURE S. ___, TWP. 39 N, RNG. 14 E

Boring No. OVHSB8
Station 1600+14 (SB LOCAL)
Offset 67.4ft LT. OF SB LOCAL BL
Surface Elev. 9.40 ft

Surface Water Elev. ___
Groundwater Elev.: ___
when drilling ___
at Completion ___
after ___ Hrs. ___

Description	Elev.	Depth	Blows	Qu tsf	W %
TOPSOIL					
Medium Dense, Brown and Gray, SANDY LOAM trace - gravel and roots	8.40		4 5 10		11
			3 6 9		15
Loose, Gray SILT	3.90		2 2 2		26
			3 3 5		10
			0 1 1		27
Very Soft to Very Stiff, Gray SILTY CLAY trace - gravel	-1.10		0 1 4	1.6 B	22
			2 3 3	1.3 B	23
			0 2 2	0.5 B	26
			0 1 3	0.5 B	22
			0 1 1	0.4 B	25
			0 1 3	0.2 B	24
Hard, Gray SILTY CLAY LOAM trace - gravel	-28.60		19 13 18	4.5+ P	10
END OF BORING	-30.60				

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

Everest Engineering Company
STRUCTURE BORING LOG

Page 1 of 1
Date 8/2/03

ROUTE FAI 90/94 DESCRIPTION DAN RYAN EXPRESSWAY
SECT. 31ST STREET TO 47TH STREET STRUCT. NO. DRILLED BY PATRICK DRILLING
COUNTY COOK LOCATION OVERHEAD SIGN STRUCTURE S. ___, TWP. 39 N, RNG. 14 E

Boring No. OVHSB9
Station 3603+39 (SB LOCAL)
Offset 1.5ft RT. OF SB LOCAL BL
Surface Elev. 5.30 ft

Surface Water Elev. ___
Groundwater Elev.: ___
when drilling ___
at Completion ___
after ___ Hrs. ___

Description	Elev.	Depth	Blows	Qu tsf	W %
ASPHALT CRUSHED STONE	4.97		15 22 25		5
			7 17 23		3
FILL	-0.20		9 11 14		20
Medium Dense, Gray SILT trace to little - gravel	-2.70		2 2 2	0.5 B	23
Very Soft to Medium Stiff, Gray SILTY CLAY trace - gravel			1 1 2	0.7 B	24
			1 0 1	0.3 B	24
			0 1 1	0.2 B	25
			0 1 1	0.3 B	26
			1 1 2	0.5 B	23
			1 2 2	0.5 B	22
Very Stiff, Gray SILTY CLAY LOAM trace - gravel	-27.70		0 1 2	0.4 B	26
			0 1 1	0.5 B	21
			11 11 15	3.7 B	14
Dense, Gray SILTY LOAM trace - gravel	-32.70		10 14 18		11
END OF BORING	-34.70				

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

Everest Engineering Company
STRUCTURE BORING LOG

Page 1 of 1
Date 8/21/03

ROUTE FAI 90/94 DESCRIPTION DAN RYAN EXPRESSWAY
SECT. 31ST STREET TO 47TH STREET STRUCT. NO. DRILLED BY PATRICK DRILLING
COUNTY COOK LOCATION OVERHEAD SIGN STRUCTURE S. ___, TWP. 39 N, RNG. 14 E

Boring No. OVHSB11
Station 3616+46 (SB LOCAL)
Offset 43.6ft LT. OF SB LOCAL BL
Surface Elev. 2.10 ft

Surface Water Elev. ___
Groundwater Elev.: ___
when drilling ___
at Completion ___
after ___ Hrs. ___

Description	Elev.	Depth	Blows	Qu tsf	W %
ASPHALT CRUSHED STONE	1.52		8 13 15		4
FILL	-0.90		3 5 4		11
Loose, Gray SILTY LOAM trace - gravel			3 4 2		
Very Soft to Stiff, Gray SILTY CLAY trace - gravel	-5.90		1 1 2	0.25 P	19
			0 0 1	0.4 B	22
			1 1 2	0.4 B	24
			1 1 2	0.5 B	26
			0 0 1	0.2 B	27
			0 0 1	0.2 B	26
Very Dense, Gray SILTY LOAM trace - gravel	-35.90		0 2 2	0.2 B	27
			1 2 3	0.5 B	23
			2 4 5	1.2 B	22
			9 21 31		12
END OF BORING	-37.90				

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

BOWMAN, BARRETT & ASSOCIATES INC
CONSULTING ENGINEERS
Chicago, Illinois
312.228.0100
www.bbandainc.com

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
31ST STREET TO 71ST STREET
SB EXPRESS LANE RECONSTRUCTION
OVERHEAD SIGN STRUCTURES
SOIL BORING LOGS 2

SCALE: NTS DRAWN BY: MTR
DATE: 07/07/05 CHECKED BY: JDC

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