F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	588	393
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

62303 * (2021-922 PT2 ETC 2324.6-1P) R-11

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-14
Station 3583+79 (SB LOCAL)
Offset 53.0ft LT. OF SB LOCAL BL
Surface Elev. -3.15 ft

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

Description	Elev.	DEPTH	BLOWS	Qu tsf	W %
ASPHALT PAVEMENT	-3.90				
CRUSHED STONE			12 5 3		
FILL Soft to Very Stiff, Gray SILTY CLAY trace - gravel	-6.15	-5	4 2 1	1.25 P	22
			1 1 1	1.25 P	22
		-10	1 1 1	0.6 B	25
			1 1 1	0.3 S	25
		-15	1 1 2	0.4 B	24
			1 4 7	2.5 B	21
Hard to Very Hard, Gray SILTY CLAY LOAM trace - gravel	-21.15	-20	4 7 9	5.0 B	15
			10 18 21	7.8 S	10
END OF BORING	-28.15	-25	12 18 22	12.0 B	11

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 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-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 5 9		5
		-5	3 5 5		6
FILL Very Soft to Stiff, Gray SILTY CLAY trace - gravel	-0.92		3 3 6	1.2 B	23
		-10	1 2 1	0.4 B	26
			1 1 1	0.4 B	25
		-15	1 1 1	0.6 B	25
			1 1 1	0.25 P	29
		-20	1 1 1	0.2 B	29
			1 1 2	0.4 B	25
END OF BORING	-20.42	-25	1 1 1	0.4 B	25

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 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-16
Station 3591+68 (SB LOCAL)
Offset 81.5ft LT. OF SB LOCAL BL
Surface Elev. 10.85 ft

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

Description	Elev.	DEPTH	BLOWS	Qu tsf	W %
TOPSOIL	10.35				
Medium Dense, Brown SANDY LOAM trace - gravel			3 6 5		15
FILL Medium Dense, Brown SANDY LOAM trace - gravel	7.85	-5	4 5 6		9
			1 1 1		
Very Loose, Gray SILT trace - gravel	2.85	-10	1 1 1		29
			1 1 2		27
Very Soft to Stiff, Gray SILTY CLAY trace - gravel	-2.15	-15	2 2 2	1.4 B	22
			1 1 2	0.7 B	21
		-20	2 2 3	0.6 B	25
			2 2 2	0.2 B	26
END OF BORING	-14.15	-25	1 1 1	0.2 B	26

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 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+61 (SB LOCAL)
Offset 74.0ft LT. OF SB LOCAL BL
Surface Elev. 12.70 ft

Surface Water Elev. ___
Groundwater Elev.:
when drilling 6.7
at Completion 0.7
after ___ Hrs. ___

Description	Elev.	DEPTH	BLOWS	Qu tsf	W %
TOPSOIL	12.37				
Medium Dense, Brown SANDY LOAM trace - gravel			5 6 6		14
FILL Loose, Brown SANDY LOAM trace to some - gravel	9.70	-5	3 4 5		9
			3 3 5		10
Loose, Brown SANDY GRAVEL	4.70	-10	1 1 3		10
			5 3 2		24
Loose, Gray SILT trace - gravel	0.70	-15	2 3 2		25
Soft to Stiff, Gray SILTY CLAY trace - gravel	-2.80		1 1 1	1.0 B	22
		-20	1 1 3	0.5 B	25
			1 2 2	0.5 B	26
END OF BORING	-12.30	-25	1 2 2	0.3 B	24

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 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-18
Station 3598+31 (SB LOCAL)
Offset 7.3ft LT. OF SB LOCAL BL
Surface Elev. 11.42 ft

Surface Water Elev. ___
Groundwater Elev.:
when drilling 2.9
at Completion ___
after ___ Hrs. ___

Description	Elev.	DEPTH	BLOWS	Qu tsf	W %
TOPSOIL	11.09				
Medium Dense, Brown SANDY LOAM trace- crushed stone and topsoil			2 5 5		17
FILL Very Loose to Loose, Gray SILT trace- gravel	5.92	-5	4 4 4		8
			3 3 3		27
		-10	1 1 1		28
			1 1 2		24
Soft to Stiff, Gray SILTY CLAY trace- gravel	-2.58	-15	1 2 2	1.7 B	20
			1 1 1	0.4 B	26
		-20	1 1 1	0.5 B	24
			1 1 1	0.6 B	22
END OF BORING	-13.58	-25	1 1 2	0.6 B	21

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 5/12/03

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. 14E

Boring No. SB-21
Station 3611+74 (SB LOCAL)
Offset 51.0ft LT. OF SB LOCAL BL
Surface Elev. 1.34 ft

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

Description	Elev.	DEPTH	BLOWS	Qu tsf	W %
ASPHALT	1.01				
CRUSHED STONE			14 12 10		4
FILL Soft to Very Stiff, Gray SILTY CLAY trace- gravel	-1.66	-5	2 2 2	2.1 B	21
			1 1 1	0.6 B	25
		-10	1 1 1	0.4 B	24
			1 1 1	0.4 B	25
		-15	1 1 1	0.7 B	22
			1 1 2	0.5 B	25
		-20	1 1 2	0.3 B	26
			1 1 2	0.5 B	25
END OF BORING	-23.66	-25	1 1 2	0.4 B	24

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Stations, Depths, Offset, and Elevations are in Feet

BL-09

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

F.A.I. 94/90 (DAN RYAN EXPRESSWAY)

GARFIELD BLVD TO 31ST STREET (SB LOCAL LANES)

SOIL BORING LOGS

SCALE: 1"=50'
DATE: 06/09/06

DRAWN BY: LAM
CHECKED BY: BLU

BOWMAN, BARRETT & ASSOCIATES INC
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