F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	565	286
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

62301 • ((2021-922 PT2 ETC 2324.6-1P) R-10

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Everest Engineering Company
STRUCTURE BORING LOG

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Date 8/26/03

ROUTE FAI 90/94 DESCRIPTION DAN RYAN EXPRESSWAY
SECT. 31ST STREET TO 47TH STRUCT. NO. ____ DRILLED BY PATRICK DRILLING
COUNTY COOK LOCATION OVERHEAD SIGN STRUCTURE S. ___, TWP. 38 N, RNG. 14 E

Boring No. OVHNB1
Station 4538+57 (NB LOCAL)
Offset 43 ft RT. OF NB LOCAL BL
Surface Elev. 11.30 ft

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

DEPTH	BLOWS	Qu tsf	W %
10.8 ASPHALT			
10.3 CRUSHED STONE			
Loose, Brown and Gray SANDY LOAM trace to little crushed stone	3 3 3		2
8.3 FILL			
Medium Dense, Brown Fine to Coarse SAND trace to little gravel	23 16 11		4
5.8			
Very Loose to Loose, Gray SILTY LOAM trace- gravel	3 3 4		17
	0 1 1		27
	0 0 1		20
-1.7			
Medium Stiff to Stiff, Gray SILTY CLAY trace - gravel	0 2 3	0.5 B	23
	2 2 3	0.5 B	23
	1 3 3	0.5 B	22
	1 2 3	1.0 B	15
	2 3 5	1.2 B	19

DEPTH	BLOWS	Qu tsf	W %
-16.7 Hard, Gray CLAY LOAM trace - gravel	3 4 6	1.3 B	21
	4 11 13	4.5+ P	12
-18.7 END OF BORING			

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 8/26/03

ROUTE FAI 90/94 DESCRIPTION DAN RYAN EXPRESSWAY
SECT. 31ST STREET TO 47TH STRUCT. NO. ____ DRILLED BY PATRICK DRILLING
COUNTY COOK LOCATION OVERHEAD SIGN STRUCTURE S. ___, TWP. 38 N, RNG. 14 E

Boring No. OVHNB2
Station 4545+27 (NB LOCAL)
Offset 56 ft RT. OF NB LOCAL BL
Surface Elev. 8.40 ft

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

DEPTH	BLOWS	Qu tsf	W %
7.7 ASPHALT PAVEMENT			
7.4 CRUSHED STONE			
Loose to Medium Dense, Brown SANDY LOAM trace- gravel	6 2 2		7
	8 6 6		26
2.9			
Very Loose, Gray SILTY LOAM trace- gravel	0 1 0		28
	0 1 2		27
-2.1			
Medium Stiff to Stiff, Gray SILTY CLAY trace - gravel	1 2 4	1.0 B	20
	0 3 4	1.0 B	23
	0 2 3	0.8 B	24
	6 50/2"	1.7 B	20
-11.6 END OF BORING (AUGER REFUSAL)			

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 8/27/03

ROUTE FAI 90/94 DESCRIPTION DAN RYAN EXPRESSWAY
SECT. 31ST STREET TO 47TH STRUCT. NO. ____ DRILLED BY PATRICK DRILLING
COUNTY COOK LOCATION OVERHEAD SIGN STRUCTURE S. ___, TWP. 38 N, RNG. 14 E

Boring No. OVHNB4
Station 4570+87 (NB LOCAL)
Offset 66 ft RT. OF NB LOCAL BL
Surface Elev. -2.10 ft

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

DEPTH	BLOWS	Qu tsf	W %
-2.6 ASPHALT			
CRUSHED STONE	10 21 14		
	8 20 13		3
-7.6 FILL			
Stiff, Gray SILTY CLAY trace - gravel	0 2 3	1.0 B	22
	0 2 3	1.0 B	22
-12.6			
Very Stiff, Gray SILTY CLAY LOAM trace - gravel	5 8 11	3.0 P	12
-15.1			
Very Dense to Extremely Dense, Gray SILTY LOAM trace - gravel	9 38 42		11
	36 50/2"		7
	24 50/5"		8
-22.1 END OF BORING (AUGER REFUSAL)			

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 8/27/03

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

Boring No. OVHNB7
Station 4598+81 (NB LOCAL)
Offset 50 ft RT. OF NB LOCAL BL
Surface Elev. 10.10 ft

Surface Water Elev. ____
Groundwater Elev.:
when drilling -0.9
at Completion -3.4
after ____ Hrs. ____

DEPTH	BLOWS	Qu tsf	W %
9.7 ASPHALT			
CRUSHED STONE	18 20 23		3
	14 23 14		5
4.6 FILL			
Loose to Medium Dense, Gray SILTY LOAM	2 4 6		20
	2 2 2		23
-0.4			
Very Soft to Stiff, Gray SILTY CLAY trace - gravel	1 1 1	0.4 B	25
	1 1 4	0.7 B	24
	0 0 1	0.1 B	26
	0 0 1	0.1 B	25
	0 0 1	0.1 B	25
	0 1 1	0.3 B	25

DEPTH	BLOWS	Qu tsf	W %
	0 1 3	0.4 B	25
	1 3 5	0.7 B	24
	3 7 5	1.7 B	20
-27.9 Hard, Gray SILTY CLAY LOAM trace - gravel	11 16 24	4.8 B	10
-29.9 END OF BORING			

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

SB-3

REVISIONS NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)
SOIL BORING LOGS FOR
SIGN STRUCTURE FOUNDATIONS

SCALE: NTS DRAWN BY: RA
DATE: 06/09/06 CHECKED BY: RS

6/7/2006 1:48:25 PM