

ROUTE FAL 90/94 DESCRIPTION DAN RYAN EXPRESSWAY
SECT. 31ST STREET TO 41TH STREET NO. _____ DRILLED BY PATRICK DRILLING
COUNTY COOK LOCATION HIGH MAST LIGHTING TOWER S. _____ TWP. 38 N. RING. 14 E.

Boring No.	Station	Offset	Surface Elev.	D	B	W	Q _u	W	Surface Water Elev.	Groundwater Elev. when drilling or Completion	Other	Hrs.
NR-7	4555+28 (NB LOCAL)	43.75 FT. OF NB LOCAL BL	-4.26	3	0	0	0	0				
ASPHALT PAVEMENT -5.01												
Loose, Brown SANDY LOAM some gravel												
FILL -7.26												
Very Soft to Medium STIFF, Gray SILTY CLAY trace-gravel												
Hard to Very Hard, Gray SILTY CLAY LOAM trace-gravel -19.76												
END OF BORING -29.26												

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

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NR-10	4567+34 (NB LOCAL)	56.5 FT. OF NB LOCAL BL	-4.49	6	0	0	0	0				
ASPHALT PAVEMENT -5.24												
Medium Dense, Brown SANDY LOAM some gravel												
FILL -7.49												
STIFF to Very STIFF, Gray SILTY CLAY trace-gravel												
For Rock Cores See Page 2 -12.49												
END OF BORING -20.92												

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Top Elev. ft.	Coring Notes and Rock Description	Core Run (#)	R C O V E R Y (%)	R O Q T I M E (min)	CORE LENGTH (ft)	CONF. S T R U C T U R E I H (feet)
-12.49	DOLOMITE: Dark gray, fine grained, massive, thin to medium bedded, moderately weathered, moderately fractured trace - vugs and pyrite	1	83	69	3	
-10.0						
-15.0		2	94	76	3.5	
-22.49	END OF BORING					
-20.0						
-25.0						

Color pictures of the cores YES
Cores will be stored for examination until September 30, 2003

F.A.I.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/90	*	COOK	565	369

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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Boring No.	Station	Offset	Surface Elev.	D	B	W	Q _u	W	Surface Water Elev.	Groundwater Elev. when drilling or Completion	Other	Hrs.
NR-11	4571+27 (NB LOCAL)	52.4 FT. OF NB LOCAL BL	0.55	3	0	0	0	0				
TOPSOIL 0.27												
Medium Dense, Brown and Gray SANDY LOAM trace-gravel												
FILL -2.31												
Very Soft to Very STIFF, Gray SILTY CLAY trace-gravel												
Hard to Very Hard, Gray SILTY CLAY LOAM trace-gravel -14.81												
Very Dense, Gray SILTY LOAM trace-gravel												
Hard to Very Hard, Gray SILTY CLAY LOAM trace-gravel -17.31												
END OF BORING -24.31												

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Boring No.	Station	Offset	Surface Elev.	D	B	W	Q _u	W	Surface Water Elev.	Groundwater Elev. when drilling or Completion	Other	Hrs.
NR-12	4575+25 (NB LOCAL)	41.5 FT. OF NB LOCAL BL	2.08	1	0	0	0	0				
TOPSOIL 1.58												
Medium Dense, Brown SANDY LOAM trace-hopsell and gravel												
CRUSHED STONE 0.08												
FILL -1.92												
Medium Dense, Brown SANDY LOAM some gravel												
Medium STIFF to Very STIFF, Gray SILTY CLAY trace-gravel -3.42												
END OF BORING -22.92												

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NR-13	4579+38 (NB LOCAL)	45.1 FT. OF NB LOCAL BL	-5.17	3	0	0	0	0				
ASPHALT PAVEMENT -5.84												
CRUSHED STONE												
FILL -7.67												
Medium STIFF to Very STIFF, Gray SILTY CLAY trace-gravel												
Hard, Gray SILTY CLAY LOAM trace-gravel -23.17												
END OF BORING -30.17												

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

REVISIONS	NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
F.A.I. 94/90 (DAN RYAN EXPRESSWAY)
GARFIELD BLVD TO 31ST STREET (NB LOCAL LANES)

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

DRAWN BY: RR
CHECKED BY: RS

BL-08
6/7/2006 7:07:38 PM