STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F. A. P. 846	4-RB	WILL	87	48
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. S20
SHEETS S20

CONTRACT NO. 62269

GROUND ENGINEERING CONSULTANTS, INC.
STRUCTURE BORING LOG

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Date 7/18/02

ROUTE IL-53 (FAP846) DESCRIPTION Proposed Bridge Improvements

SECT. 4-RB4B-1-R STRUCT. NO. 099-0900 (NB) DRILLED BY GEOCON

COUNTY Will LOCATION IL-53 over Prairie Creek S. ___, TWP. 33N, RNG. 9E-10E 3rd PM

Boring No. B-1
Station 1304+31.00
Offset 18.8 ft Rt.
Surface Elev. 568.8 ft

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

DEPTH	BLOWS	Qu tsf	W %
	3		
	4	1.1	24
	5		
	3		
-5	2	1.2	23
	2	B	
563.3			
	4		
562.1	5	1.4	32
	5	B	
	3		
	3		16
-10	4		
556.5			
554.8			
-15			
-20			
544.8			
-25			

FILL, silty clay, some gravel, brown-gray, stiff

ORGANIC TOPSOIL, some clay, black, stiff

SILTY CLAY, tr. sand & gravel, brown, stiff

DOLOMITIC LIMESTONE, highly weathered, gravel size, hard, gray
Recovery = 62%
RQD = 0%

DOLOMITIC LIMESTONE, hard highly fractured, some vertical fractures, few clay seams, light gray
Recovery = 85%
RQD = 10%

DEPTH	BLOWS	Qu tsf	W %
539.8			
-30			
-35			
-40			
-45			
-50			

DOLOMITIC LIMESTONE, hard, fresh, stylolitic, some vertical fractures, light gray
Recovery = 95%
RQD = 55%

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

GROUND ENGINEERING CONSULTANTS, INC.
STRUCTURE BORING LOG

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Date 7/25/02

ROUTE IL-53 (FAP846) DESCRIPTION Proposed Bridge Improvements

SECT. 4-RB4B-1-R STRUCT. NO. 099-0900 (NB) DRILLED BY GEOCON

COUNTY Will LOCATION IL-53 over Prairie Creek S. ___, TWP. 33N, RNG. 9E-10E 3rd PM

Boring No. B-2
Station 1305+69.00
Offset 18.7 ft Rt.
Surface Elev. 567.3 ft

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

DEPTH	BLOWS	Qu tsf	W %
	3		
	3	1.1	12
	3	B	
	2		
562.8	3	1.3	16
-5	5	B	
	3		
	4		22
559.8	3		
	2		
	3		18
-10	5		
556.8			
551.8			
-15			
-20			
-25			

FILL, silty clay some gravel, brown-gray

TOPSOIL, silty clay, black, stiff

SILTY CLAY, tr. sand & gravel, brown, stiff

WEATHERED DOLOMITIC LIMESTONE, hard, highly fractured, gravel size, gray
Recovery = 55%
RQD = 0%

DOLOMITIC LIMESTONE, hard, some vertical fractures, light gray
Recovery = 85%
RQD = 24%

DEPTH	BLOWS	Qu tsf	W %
541.8			
-30			
-35			
-40			
-45			
-50			

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

DESIGNED	NDS/GMK
CHECKED	MTP/SMK/GBC
DRAWN	NDS/DCB
CHECKED	SMK/GBC

ILLINOIS DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS
FAP 846
NB IL. ROUTE 53 OVER PRAIRIE CREEK
STATION 1305+00 SECTION 4-RB
WILL COUNTY
STRUCTURE NO. 099-0090

SCALE: NONE
DATE: AUGUST 2007

DELTA ENGINEERING INC.
CONSULTING ENGINEERS, CHICAGO ILLINOIS.