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Division of Highways IDOT - Region 9/Dist 5				Date <u>7/26/06</u>	
ROUTE <u>FAI 57 & 74</u>		DESCRIPTION <u>Proposed HTCB on I-57SB Just South of Tuscola</u>		LOGGED BY <u>CNA</u>	
SECTION <u>D5 Cable Guard 2007-2</u>		LOCATION <u>, SEC., TWP., RNG.</u>			
COUNTY <u>Dewitt, Champaign, Douglas</u>		DRILLING METHOD <u>Hollow Stem Auger</u>		HAMMER TYPE <u>Automatic</u>	
STRUCT. NO. _____ Station _____		D E P T H (ft)	B L O W S (6")	U C S (tsf)	M O I S T U R E (%)
BORING NO. <u>7 HTCB Farmer City</u>					
Station <u>712+25</u>					
Offset <u>19.8 ft Lt. of E.O.P.</u>					
Ground Surface Elev. <u>738.1</u> ft					
Surface Water Elev. _____ ft					
Stream Bed Elev. _____ ft					
Groundwater Elev.: _____					
First Encounter <u>725.1</u> ft ▼					
Upon Completion _____ ft					
After _____ Hrs. _____ ft					
Brown to Gray Mottled Silty Clay Loam to Sandy Clay Loam (Fill)					
3					
4		2.2			
5		S			
3					
6		5.2			
9		S			
732.6					
Dark Gray Mottled Clay					
2					
2		1.2			
2		B			
729.6					
Gray Mottled Silt to Silty Clay					
2					
1		0.9			
2		B			
-10					
1					
726.1					
Brown Oxidized Sand Loam with Gravel					
725.1 ▼					
Gray Sandy Clay Loam Till					
1					
2		1.3			
6		B			
723.1					
End of Boring					
-20					

An assumed centerline elevation of 100.00 and station of 10+00 is used when this information is not available.

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)

The SPT (N Value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57&74	*	**	151	38

* D5 CABLE GUARD 2007-2
** CHAMPAIGN, DEWITT & DOUGLAS

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Date 7/26/06

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Division of Highways IDOT - Region 9/Dist 5				Date <u>7/26/06</u>	
ROUTE <u>FAI 57 & 74</u>		DESCRIPTION <u>Proposed HTCB on I-74 EB Just East of Rest Area</u>		LOGGED BY <u>CNA</u>	
SECTION <u>D5 Cable Guard 2007-2</u>		LOCATION <u>, SEC., TWP., RNG.</u>			
COUNTY <u>Dewitt, Champaign, Douglas</u>		DRILLING METHOD <u>Hollow Stem Auger</u>		HAMMER TYPE <u>Automatic</u>	
STRUCT. NO. _____ Station _____		D E P T H (ft)	B L O W S (6")	U C S (tsf)	M O I S T U R E (%)
BORING NO. <u>8 HTCB Farmer City</u>					
Station <u>725+50</u>					
Offset <u>16.0 ft Lt. of E.O.P.</u>					
Ground Surface Elev. <u>736.6</u> ft					
Surface Water Elev. _____ ft					
Stream Bed Elev. _____ ft					
Groundwater Elev.: _____					
First Encounter _____					
Upon Completion <u>728.6</u> ft ▼					
After _____ Hrs. _____ ft					
Black Silty Clay (Topsoil)					
735.6					
Gray Mottled Sandy Clay Loam (Fill)					
2					
3		16			
4					
732.6					
Brown Mottled Clay to Silty Clay					
2		2.1			
5		B			
-5					
730.6					
Brown/Gray Mottled Silt to Silty Clay					
2					
1		0.7			
3		B			
728.6 ▼					
Brown Dirty loose Coarse Sand with Trace of Free Water					
0					
1					
1					
-10					
726.1					
Gray Sand Loam Till					
0					
1		0.5			
2		B			
1					
722.1					
Gray Moderately Sorted Coarse Sand					
721.6		13			
-15					
End of Boring					
-20					

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An assumed centerline elevation of 100.00 and station of 10+00 is used when this information is not available.

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)

The SPT (N Value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)

SOIL BORINGS LOCATION #3 FARMER CITY