



SOIL BORING LOG

Date 10/28/04

ROUTE I-57 (FAI 57) DESCRIPTION I-57 Dual Structures over Langan Creek, 2.2 miles South of Chebanse LOGGED BY Larry Myers

SECTION 141 BR (SB) & 38-1 BR (NB) LOCATION NW 1/4, SEC. 26, TWP. 29N, RNG. 14W, 2nd PM

COUNTY Iroquois DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.	Station	BORING NO.	Station	Offset	Ground Surface Elev.	D	B	U	M	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.:	First Encounter	Upon Completion	After	Hrs.	D	B	U	M	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.:	First Encounter	Upon Completion	After	Hrs.
038-0015 (Exist.)	843+70	4 (SB, S. Abut.)	844+99	22.50ft Rt.	641.16	(ft)	(/6")	(tsf)	(%)	ft	ft	ft	ft	ft	ft		(ft)	(/6")	(tsf)	(%)	ft	ft	ft	ft	ft	ft	
Cored Bituminous and Concrete. Augured Gray Sandy Clay Loam. Approx. 4" Void Under Approach Slab																											
Stiff Gray/Brown Sandy Clay Loam/Silty Clay Loam Fill						636.66																					
Very Stiff Dark Gray Sandy Clay Loam						631.66																					
Stiff to Medium Gray Sandy Loam/Sandy Clay Loam						628.16																					
Stiff Gray/Brown Silty Clay Loam						624.66																					
Stiff Gray Silty Clay						622.16																					

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, form 137 (Rev. 8-99)



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038-0015 (Exist.)	843+70	4 (SB, S. Abut.)	844+99	22.50ft Rt.	641.16	(ft)	(/6")	(tsf)	(%)	ft	ft	ft	ft	ft	ft		(ft)	(/6")	(tsf)	(%)	ft	ft	ft	ft	ft	ft	
Hard Gray Loam Till with Layers of Silt, Sand and Fine Gravel (continued)						594.66																					
Very Stiff Gray Silt						594.66																					
Hard Gray Silty Loam with Silt and Sand Layers (Qp >4.5/High Blows, Low Qu)						589.66																					
Hard Gray Silty Loam with Silt and Sand Layers (Qp >4.5/High Blows, Low Qu)						575.16																					
End of Boring						575.16																					

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
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BBS, form 137 (Rev. 8-99)

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DESIGNED	MAS	REVISED	
CHECKED	BJM	REVISED	
DRAWN	MWS	REVISED	
CHECKED	BJM	REVISED	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS
STRUCTURE NO. 038-0215 (S.B.) & 038-0216 (N.B.)

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	141 BR(SB) & 38-1 BR(NB)	IROQUOIS	138	76
CONTRACT NO. 66944				
ILLINOIS FED. AID PROJECT				