

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION



F.A.P. ROUTE NO.	SECTION	COUNTY	SHEET NO.	SHEET NO.
786	109 BR	La Salle	351	283
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

Contract # 66607



SOIL BORING LOG

Page 1 of 1

Date 10/15/02

ROUTE IL 170 DESCRIPTION PRELIMINARY BORING FOR NEW BRIDGE OVER THE ILLINOIS RIVER AT SENECA LOGGED BY LM:DDT  
SECTION BRIDGE OVER ILLINOIS RIVER LOCATION NW 1/4, SW 1/4, SEC. 25, TWP. 33N, RNG. 5E, 3<sup>rd</sup> PM  
COUNTY LASALLE DRILLING METHOD Hollow Stem Auger HAMMER TYPE AUTOMATIC

STRUCT. NO.	DEPT	BL	UC	MO	Surface Water Elev.	DEPT	BL	UC	MO
Station	H	S	Q	T	ft	H	S	Q	T
050-0070 EXISTING 79+05					483.41				
BORING NO. 1 NORTH SIDE Station 72+95 Offset 18.00 FT Ground Surface Elev. 500.05 ft					483.41				
ADGURED Brown SANDY LOAM with GRAVEL Pieces (FILL)					488.05				
Loose Brown Loamy Fine to Medium GRAVEL	11				488.05				
	7								
	8								
	4								
	2								
	2								
Loose Brown Fine SAND	2				482.35				
Very Stiff Brown SANDY CLAY LOAM	5				492.08				
Very Loose to Loose Brown Medium Fairly Well-Graded SAND	2				491.08				
	2								
	2								
	3								
	1								
	2								
	2								
	3								
	2								
	1								
	2								
	2								
	3								
	2								
	1								
	1								

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 T208) BBS, from 137 (Rev. 8-99)



SOIL BORING LOG

Page 1 of 2

Date 10/15/02

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SECTION BRIDGE OVER ILLINOIS RIVER LOCATION NW 1/4, SW 1/4, SEC. 25, TWP. 33N, RNG. 5E, 3<sup>rd</sup> PM  
COUNTY LASALLE DRILLING METHOD Hollow Stem Auger HAMMER TYPE AUTOMATIC

STRUCT. NO.	DEPT	BL	UC	MO	Surface Water Elev.	DEPT	BL	UC	MO
Station	H	S	Q	T	ft	H	S	Q	T
050-0070 EXISTING 79+05					483.41				
BORING NO. 2 NORTH SIDE Station 74+42 Offset 16.00 FT Ground Surface Elev. 501.81 ft					483.41				
ADGURED Brown SANDY LOAM with GRAVEL Pieces Up to 3" Size					489.31				
Hard Brown LOAMY Fine GRAVEL	20				489.31				
Brown Medium to Coarse SAND	17				498.81				
Medium Brown Well-Graded Medium SAND	14				497.81				
	5								
	2								
	7								
	11								
	7								
Medium Brown SAND & Fine to Coarse GRAVEL	9				484.31				
	7								
	3								
	7								
	15								
	27								
	8								
	6								
	5								
	8								
	8								
	8								
	8								
	8								
	8								
	10								
	11								
	4								
	8								
	9								
	5								

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STRUCT. NO.	DEPT	BL	UC	MO	Surface Water Elev.	DEPT	BL	UC	MO
Station	H	S	Q	T	ft	H	S	Q	T
050-0070 EXISTING 79+05					483.41				
BORING NO. 2 NORTH SIDE Station 74+42 Offset 16.00 FT Ground Surface Elev. 501.81 ft					483.41				
TOP OF ROCK					469.51				
Dense Gray to Dark Gray Weathered SHALE	34				469.51				
	10072								
Dense Greenish Gray SHALE	457.81				457.81				
	10074								
End of Boring	456.81				456.81				

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DESIGNED	- DEV
CHECKED	- RJC
DRAWN	- JHR
CHECKED	- RJC

SOIL BORINGS LOG #1 & #2  
IL 170 F.A.P. 786 OVER  
ILLINOIS RIVER AT SENECA  
PUBLIC WATERS  
LA SALLE COUNTY, SECTION 109 BR  
STATION 79+04.42  
STRUCTURE NO. 050-0246