

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 698	IVBR	BUREAU	72	50
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

SHEET NO. 23

24 SHEETS

Contract No. 66361

		Illinois Department of Transportation		SOIL BORING LOG		Page 1 of 2	
Division of Highways		District 3 Materials		ILLINOIS 89 OVER C.S.X.T. RAILROAD AT SPRING VALLEY		Date 1/14/03	
ROUTE FAP 698(IL89)		DESCRIPTION		LOGGED BY LM-IDOT			
SECTION IVBR		LOCATION NW 14, SEC. 2, TWP. 15N, RING. 11E, 2 PM					
COUNTY BUREAU		DRILLING METHOD		Hollow Stem Auger		HAMMER TYPE AUTOMATIC	
STRUCT. NO. 006-010 EXISTING		Station 32+11.77		Surface Water Elev. _____ ft		Stream Bed Elev. _____ ft	
BORING NO. 1 PROP. EMBANKMENT		Station 33+92		Groundwater Elev.: _____ ft		First Encounter _____ ft	
Offset 25.00ft RT		Ground Surface Elev. 462.73 ft		Upon Completion 447.2 ft		After _____ Hrs. _____ ft	
D		B	U	M	D	B	U
E		L	C	O	E	L	C
P		O	S	I	P	O	S
T		W	S	T	T	W	S
H		S	Qu	T	H	S	Qu
(ft)		(in)	(ft)	(in)	(ft)	(in)	(ft)
461.23		9	1.5	9.1	3	0.7	30.5
459.23		11	P		4	B	
Medium Brown CLAY LOAM with GRAVEL (FILL)		Very Soft Brown SILTY LOAM		1			
456.23		5	0.8	27.2	3	0.2	28.8
456.23		13	1.0	13.5	7	0.1	26.6
454.23		3			3		
450.73		4	0.5	34.7	3	1.0	19.9
428.23		12			12		
426.73		2	0.5	35.9	103		6.6
424.23		1			75		
40		3	6.7	31	40	100ft	6.2 13.4

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)

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Division of Highways		District 3 Materials		ILLINOIS 89 OVER C.S.X.T. RAILROAD AT SPRING VALLEY		Date 1/14/03	
ROUTE FAP 698(IL89)		DESCRIPTION		LOGGED BY LM-IDOT			
SECTION IVBR		LOCATION NW 14, SEC. 2, TWP. 15N, RING. 11E, 2 PM					
COUNTY BUREAU		DRILLING METHOD		Hollow Stem Auger		HAMMER TYPE AUTOMATIC	
STRUCT. NO. 006-010 EXISTING		Station 32+11.77		Surface Water Elev. _____ ft		Stream Bed Elev. _____ ft	
BORING NO. 1 PROP. EMBANKMENT		Station 33+92		Groundwater Elev.: _____ ft		First Encounter _____ ft	
Offset 25.00ft RT		Ground Surface Elev. 462.73 ft		Upon Completion 447.2 ft		After _____ Hrs. _____ ft	
D		B	U	M	D	B	U
E		L	C	O	E	L	C
P		O	S	I	P	O	S
T		W	S	T	T	W	S
H		S	Qu	T	H	S	Qu
(ft)		(in)	(ft)	(in)	(ft)	(in)	(ft)
421.73		1504*		9.8			
421.73		74		9.7			
421.73		150					
408.23		120		5.9			
40							

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BBS, from 137 (Rev. 8-99)

		Illinois Department of Transportation		SOIL BORING LOG		Page 1 of 1	
Division of Highways		District 3 Materials		ILLINOIS 89 OVER C.S.X.T. RAILROAD AT SPRING VALLEY		Date 1/21/03	
ROUTE FAP 698(IL89)		DESCRIPTION		LOGGED BY LM-IDOT			
SECTION IVBR		LOCATION NW 14, SEC. 2, TWP. 15N, RING. 11E, 2 PM					
COUNTY BUREAU		DRILLING METHOD		Hollow Stem Auger		HAMMER TYPE AUTOMATIC	
STRUCT. NO. 006-010 EXISTING		Station 32+11.77		Surface Water Elev. _____ ft		Stream Bed Elev. _____ ft	
BORING NO. 2 SOUTH ABUT.		Station 33+37		Groundwater Elev.: _____ ft		First Encounter _____ ft	
Offset 24.00ft RT		Ground Surface Elev. 453.47 ft		Upon Completion 448.0 ft		After _____ Hrs. _____ ft	
D		B	U	M	D	B	U
E		L	C	O	E	L	C
P		O	S	I	P	O	S
T		W	S	T	T	W	S
H		S	Qu	T	H	S	Qu
(ft)		(in)	(ft)	(in)	(ft)	(in)	(ft)
461.47		10			5	1.0	24.3
461.47		8		6.9	5	P	
461.47		7			7		
461.47		8			8	2.5	20.8
461.47		4			4	P	
461.47		8			8		
461.47		7			7		10.2
461.47		23			23		
461.47		10			10		
461.47		9			9		
461.47		6			6		
461.47		5			5		
461.47		5			5	2.5	21.3
461.47		2			2		
461.47		4			4		
461.47		3			3		
461.47		3			3	1.5	27
461.47		1			1		
461.47		2			2		
461.47		4			4		

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BBS, from 137 (Rev. 8-99)

BORING LOGS
F.A.P. RTE. 698 - SECTION IVBR
BUREAU COUNTY
STATION 32+32.00
STRUCTURE NO. 006-0164