

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



SOIL BORING LOG

Page 1 of 2

Date 8/20/09

ROUTE FAP 317 (US24/IL 9) DESCRIPTION US 24/ IL9 Over LaMarsh Creek (Hollis Road District)
SECTION 45BR-2 LOCATION 40° 34' 51.3" N 89° 41' 41.4" W, SEC. 22, TWP. 7N, RNG. 7E, 4th PM
COUNTY Peoria DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO.	DEPT	BLOW	UCS	MOIST	Surface Water Elev.	DEPT	BLOW	UCS	MOIST
Station	H	S	Qu	T	ft	H	S	Qu	T
BORING NO.	(ft)	(/6")	(tsf)	(%)		(ft)	(/6")	(tsf)	(%)
072-0228									
337+89.89									
B-8 West Abutment									
338+90									
38.40ft LT									
467.00									
Pavement surface, asphalt 12-inches thick									
466.00									
Brown and Grey LOAM (fill), trace gravel	12								
	5		10		445.50	4	2.3	15	
	6					7	B		
463.50									
Brown SILTY CLAY LOAM (fill), trace gravel	1					4			
	2		20		442.50	5	1.5		
	4					9	B		
	1				441.00	2			
	2	1.8	22			7		19	
	3	B				4			
	1					5			
	2	1.5	26			4		15	
	4	B				3			
456.00									
Brown SAND (fill), trace gravel	4								
	4		9						
	2								
	WH				433.00	4		16	
	WH		11			8		16	
	5					46			
	6								
	7		14						
	5								
	6				428.50	100/4"			
	7		10					12	
	13								
447.50									
					427.00				

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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Station	H	S	Qu	T	ft	H	S	Qu	T
BORING NO.	(ft)	(/6")	(tsf)	(%)		(ft)	(/6")	(tsf)	(%)
072-0228									
337+89.89									
B-8 West Abutment									
338+90									
38.40ft LT									
467.00									
Auger refusal encountered at 40-feet									
Suspected Bedrock									
End of Boring									

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)

DESIGNED J.A.Z.
CHECKED E.E.J.
DRAWN S.R.K.
CHECKED J.A.Z.



BORING LOGS VIII				
U.S. ROUTE 24 & IL ROUTE 9 OVER LA MARSH CREEK				
STATION 337+89.89 STRUCTURE NO. 072-0228				
SHEET NO.	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS
39 OF 39 SHEETS	317	45BR-2	PEORIA	122
CONTRACT NO. 68719			87	
10-15-10		ILLINOIS FED. AID PROJECT		

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