



### SOIL BORING LOG

Date 7/14/10

ROUTE I-270 DESCRIPTION Bridge over Chain of Rocks Canal LOGGED BY ASC  
 SECTION 60-1B-1 LOCATION SEC.30, TWP. 4N, RNG. 9W, PM  
 COUNTY Madison DRILLING METHOD HSA/Casing HAMMER TYPE Automatic

STRUCT. NO. 060-0345  
 Station \_\_\_\_\_  
 BORING NO. B-18  
 Station 1203+85.45  
 Offset 29.59ft LT  
 Ground Surface Elev. 394.5 ft (ft) (16") (tsf) (%)

DEPTH (ft)	SOIL DESCRIPTION	DEPTH (ft)	SOIL DESCRIPTION
0	Gray Fine to Medium SAND, Trace Silt, Gravel (continued)	0	Gray-brown Fine to Medium SAND, Trace Gravel (continued)
351.00	Gray Fine to Coarse SAND, Trace Silt	7	
		9	
		10	
346.00	Gray Medium SAND, Trace Gravel	5	
		5	
		5	
		15	
		15	
		16	
		324.50	Boring Terminated Due to Casing Failure
		-70	
		-75	
		-80	
336.00	Gray-brown Fine to Medium SAND, Trace Gravel	7	
		10	
		13	
		-80	

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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Date 7/16/10

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 COUNTY Madison DRILLING METHOD HSA/Casing HAMMER TYPE Automatic

STRUCT. NO. 060-0345  
 Station \_\_\_\_\_  
 BORING NO. B-18A  
 Station 1203+86.65  
 Offset 48.96ft LT  
 Ground Surface Elev. 392.6 ft (ft) (16") (tsf) (%)

DEPTH (ft)	SOIL DESCRIPTION	DEPTH (ft)	SOIL DESCRIPTION
0	Casing advanced to Elevation 314.1 prior to SPT sampling.	0	Casing advanced to Elevation 314.1 prior to SPT sampling. (continued)
		-5	
		-25	
		-45	
		-50	
		-55	
		-30	
		-50	
		-55	
		-80	
		-10	
		-15	
		-35	
		-55	
		-80	
		-20	

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 BORING NO. B-18A  
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 Ground Surface Elev. 392.6 ft (ft) (16") (tsf) (%)

DEPTH (ft)	SOIL DESCRIPTION	DEPTH (ft)	SOIL DESCRIPTION
0	Casing advanced to Elevation 314.1 prior to SPT sampling. (continued)	0	Casing advanced to Elevation 314.1 prior to SPT sampling. (continued)
		-15	
		-45	
		-85	
		-70	
		-75	
		-80	
		314.60	
		17	
		32	
		18	
		-80	
		-80	

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 BBS, from 137 (Rev. 8-99)

c:\pwworking\om\054904\0600345-76A91-1320-SBL.dgn  
 jmlgus

3/15/2011  
 7:26:17 PM



USER NAME = jmlgus	DESIGNED - BWC	REVISED -
FILE NAME = 0600345-76A91-1320-SBL.dgn	CHECKED - LGP	REVISED -
PLOT SCALE = NONE	DRAWN - JM	REVISED -
PLOT DATE = 3/18/2011	CHECKED - BSK	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS  
 STRUCTURE NO. 060-0345  
 BRIDGE SHEET NO. 1320 OF 133 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
270	60-1B-1	MADISON	712	511D
				CONTRACT NO. 76A91
ILLINOIS FED. AID PROJECT				