



Illinois Department of Transportation
Division of Highways
Terracon

SOIL BORING LOG

Page 1 of 1

Date 12/14/12

ROUTE Schmidt Road DESCRIPTION Lily Cache Creek Culvert LOGGED BY ZR

SECTION _____ LOCATION SEC. TWP. RNG.

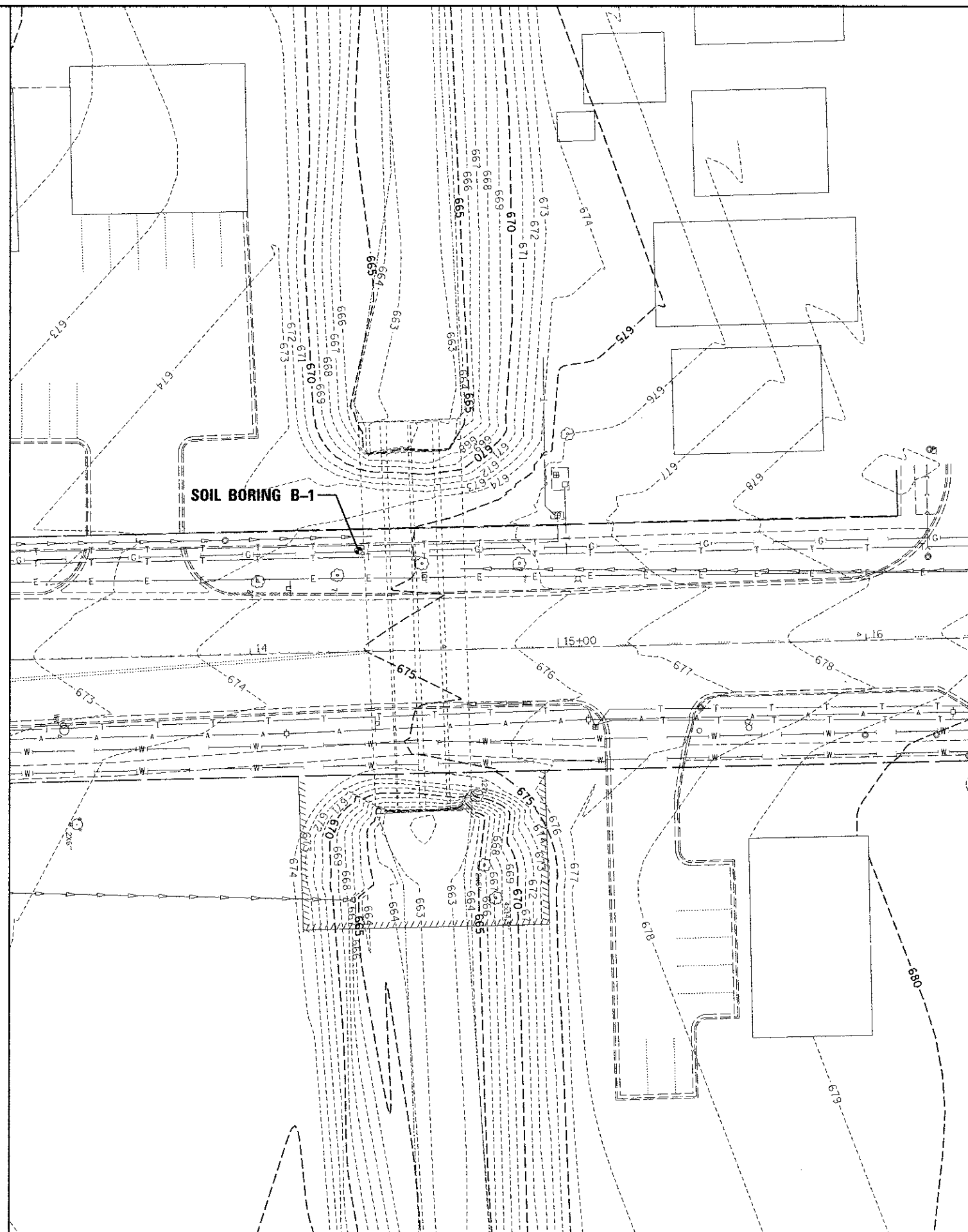
COUNTY Will DRILLING METHOD HSA HAMMER TYPE AUTO

STRUCT. NO.	DEPTH	BLOW	UCS	MOIST	Surface Water Elev.	DEPTH	BLOW	UCS	MOIST
Station	(ft)	(/6")	(tsf)	(%)	ft	(ft)	(/6")	(tsf)	(%)
BORING NO. <u>1</u>					Stream Bed Elev.				
Station <u>14+40</u>					Groundwater Elev.:				
Offset _____					First Encounter _____				
Ground Surface Elev. <u>675.00</u>					Upon Completion _____				
					After Hrs. _____				

FILL: TOPSOIL , approximately 5"	674.60				CLAY , brown, stiff to very stiff (continued)				
FILL: CLAY , brown		8							
Split-spoon sampler encountered apparent coarse gravel/cobble.		10		12					
		11			gray				
	671.00	50		11			7		
CLAY , brown, stiff to very stiff							9	2.5	18
							11	P	
		12				649.00			
		16	3.5	16	SANDY LOAM , brown, very dense, occasional clay lenses				
		17	P						
		4				646.30	50		8
		7	3.0	17	Split-spoon refusal at 28.7 feet				
		9	P		End of Boring				
turning gray									
Sample at 13.5' to 15': with silt seams		6							
		8	2.0	20					
		8	P						
brown		5							
		6	1.0	17					
		5	P						

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)



PRINTED DATE: 2/1/2013
FILE NAME: K:\Projects\Beltingbrook\Schmidt_Road_Culvert\Schmidt_Rd_Over_Lily_Cache_Ph_2\CD00\Drawings\Sheets\18 SOIL BORING.dgn



USER NAME = #USER#	DESIGNED - JC	REVISED -
PLOT SCALE = 20,000 / IN.	DRAWN - DN	REVISED -
PLOT DATE = 2/1/2013	CHECKED - MR	REVISED -
	DATE - 2/1/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING PLAN

F.A.U. RTE 2571	SECTION 09-00053-00-BR	COUNTY WILL	TOTAL SHEETS 25	SHEET NO 18
CONTRACT NO.: 63797				
ILLINOIS FEDERAL AID PROJECT				