ILLINOIS DEPARTMENT OF TRANSPORTATION
Testing Service Corporation
STRUCTURE BORING LOG

Date 7/7/11

STRUCTURE NO. 082-0315
ROUTE IL 3
SECTION 50-1-2HVB
COUNTY St. Clair

Boring No. SPT-1 S. ABUT
Station 1656+20
Offset 37.00ft LT
Elevation 314.60 ft

	DEPTH	BLOWS	Qu tsf	W %
Medium dense to dense gray fine to medium SAND, trace coarse sand, saturated				
		15 20 19		
309.60	-105			
Dense gray fine to coarse SAND and small GRAVEL, saturated				
Possible cobbles below 109'		12 32 60/4"		
	-110			
		26 90/5"		
299.60	-115			
Boring continued with Rock Core			0.1	
	-120			
	-125			

SPT, (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test
Stations, Depths, Offset, and Elevations are in Feet

IDOT BORING 76873.GPJ IDOT.GDT 8/28/11

Testing Service Corporation
STRUCTURE ROCK CORING LOG

Date 7/7/11

ROUTE IL 3 DESCRIPTION Relocated IL 3 over TRRA Railroad
SECT. 50-1-2HVB STRUCT. NO. 082-0315 DRILLED BY Bruno Williamson
COUNTY St. Clair

Boring No. SPT-1 S. ABUT Core Type NX Diamond Bit
Station 1656+20 Core Diameter 2 in
Offset 37.00ft LT Core Length 7 ft
Surface Elev. 414.60 ft

Top Elev.	Coring Notes and Rock Description	Core Run (#)	RECOVERY (%)	R.Q.D. (%)	CORE TIME (Min/ft)	COMP. STRNGTH (psi)
299.60	Gray LIMESTONE	1	95	43		922.3
	Moisture Content = 0.1%					
	Moisture Content = 0.3%					604.8
	-120.0					
	Moisture Content = 0.1%					1193.0
292.60	End of Boring at 122'					
	-125.0					
	-130.0					
	-135.0					

Color pictures of the cores No
Cores will be stored for examination until