

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



SOIL BORING LOG

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ROUTE FAP 561 DESCRIPTION P92-067-05 IL 2 WB over Little Creek, .2 m. W. of Sauk Valley College Entrance LOGGED BY W. Garza
SECTION 31-1BR-2 (& 1) LOCATION Palmyra Twp. - 8NE, SEC. , TWP. 21N, RNG. 8E
COUNTY Lee DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diedrich Automatic

STRUCT. NO. / Station	BORING NO. / Station	Offset	Ground Surface Elev.	DEPTWHS				Surface Water Elev. / Stream Bed Elev.	Groundwater Elev. / First Encounter / Upon Completion / After Hrs.	DEPTWHS									
				(ft)	(/6")	(tsf)	(%)			(ft)	(/6")	(tsf)	(%)						
Existing 052-0014 / 66+53	B-1b / 67+15	44.00ft Rt CL WB	663.08																
MEDIUM dark brown LOAM																			
STIFF gray/brown SILTY CLAY LOAM																			
STIFF brown LOAM																			
STIFF tan/gray SILTY CLAY LOAM																			
STIFF tan/gray SILTY LOAM with SAND lens																			
LOOSE tan fine SAND																			
LOOSE tan fine SAND																			
LOOSE tan/brown fine SAND																			

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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				(ft)	(/6")	(tsf)	(%)			(ft)	(/6")	(tsf)	(%)						
Existing 052-0014 / 66+53	B-1b / 67+15	44.00ft Rt CL WB	663.08																
SOFT gray SILT with SAND lens																			
LOOSE gray fine SAND																			
Wash MEDIUM gray fine SAND with LIMESTONE fragmentss																			
Wash VERY DENSE gray SILTY CLAY TILL																			
Auger Refusal at 49.5'																			
Attempted core - problems with coring SILTY CLAY in core barrel																			
VERY DENSE gray SILTY CLAY TILL																			
End of Boring																			

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DESIGNED - BAS
CHECKED - KEF
DRAWN - SGM
CHECKED - RJA/KEF

SOIL BORINGS
IL RTE. 2 WB OVER LITTLE CREEK
STATION 66+52.00

SHEET NO. 19	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	561	31-1BR-1	LEE	92	52
20 SHEETS	STRUCTURE NO. 052-0078		CONTRACT NO. 64B05		
	FED. ROAD DIST. NO. _ ILLINOIS FED. AID PROJECT				