STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILLINOIS DEPARTMENT OF TRANSPORTATION
Testing Service Corporation
STRUCTURE BORING LOG

Date 5/29/09

ROUTE IL 164 DESCRIPTION Bridge Over Smith Creek
SECT. (116-C)BR-1 STRUCT. NO. 036-0070 DRILLED BY B. Williamson
COUNTY Henderson LOCATION Rozetta Township S. 19 , TWP. 11N , RNG. 4W

Boring No. B-2 Pier
Station 150+75
Offset 25.00ft LT
Surface Elev. 566.50 ft

Surface Water Elev. ____
Groundwater Elev.:
when drilling 534.5
at Completion 541.5
after ____ Hrs. ____

Elev.	DEPTH	BLOWS	Qu tsf	W %
Very soft dark brown SILTY CLAY LOAM, very moist		1 P 37.6 1 0.25 2		
563.50				
Loose brown fine to coarse SAND and small GRAVEL, moist		4 6 4		
	-5			
560.50				
Very stiff to stiff gray SILTY LOAM, moist		2 B 19.5 3 2.26 4		
		1 B 19.8 3 1.80 5		
	-10			
		2 B 20.2 3 1.89 6		
		3 B 22.0 5 2.50 6		
	-15			
		1 B 20.4 3 2.09 6		
		2 B 20.9 4 2.38 6		
	-20			
546.00				
Very stiff to stiff gray SILTY CLAY LOAM, moist		1 B 21.3 4 2.73 5		
		1 B 23.9 3 1.93 5		
	-25			
Stiff gray SILTY CLAY LOAM, moist		1 B 25.0 3 1.60 4		
		1 B 17.6 3 1.23 4		
	-30			
534.50				
Medium dense gray fine to coarse SAND, trace small GRAVEL, saturated		2 8 9		
	-35			
529.50				
Very stiff to stiff gray SILTY LOAM, moist		4 P 18.8 5 2.01 7		
	-40			
		2 B 21.4 4 1.95 5		
	-45			
		3 B 24.8 4 1.89 6		
	-50			

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

ILLINOIS DEPARTMENT OF TRANSPORTATION
Testing Service Corporation
STRUCTURE BORING LOG

Date 5/29/09

STRUCTURE NO. 036-0070
ROUTE IL 164
SECTION (116-C)BR-1
COUNTY Henderson

Boring No. B-2 Pier
Station 150+75
Offset 25.00ft LT
Elevation 516.50 ft

Elev.	DEPTH	BLOWS	Qu tsf	W %
Stiff gray SILTY LOAM, moist				
514.50				
Very loose gray fine SAND, saturated		0 1 1		
	-55			
510.50				
Dense gray fine to coarse SAND, saturated		10 16 21		
3' Blow-in jetted.	-60			
504.50				
Very loose gray fine SAND, saturated		2 2 2		
	-65			
7' Blow-in jetted.				
	-70			
494.50				
Dense gray fine SAND, saturated		10 13 20		
	-75			

STRUCTURE NO. 036-0070
ROUTE IL 164
SECTION (116-C)BR-1
COUNTY Henderson

Elevation 491.50 ft

Elev.	DEPTH	BLOWS	Qu tsf	W %
Medium dense to dense gray fine SAND, saturated				
		0 8 16		
	-80			
		11 13 12		
	-85			
		3 10 25		
476.50	-90			
End of Boring at 90.0'				
	-95			
	-100			

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

MAURER ▲ STUTZ, INC.
ENGINEERS SURVEYORS

DESIGNED	- BAS
CHECKED	- KEF
DRAWN	- SGM
CHECKED	- BAS

SOIL BORINGS
STRUCTURE NO. 036-0070

SHEET NO. 21	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
22 SHEETS	657	(116-C)BR-1	HENDERSON	56	38
			CONTRACT NO. 68761		
	FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		