

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 328	10BR-2/B-1	WAYNE	21	21
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

Contract # 74040



SOIL BORING LOG

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ROUTE FAP 328 (US 45) DESCRIPTION Deer Creek LOGGED BY E. Sandschafer

SECTION 10BR-2/B-1 LOCATION Sec 34 - NE 1/4, Sec 35 - NW 1/4, SEC., TWP. 1 N, RNG. 7 E, 3 PM

COUNTY Wayne DRILLING METHOD Hollow stem auger & split spoon HAMMER TYPE Auto 140#

STRUCT. NO. Station	D E P T H	B L O W S	U C S	M O I S T U R E	Description	D E P T H	B L O W S	U C S	M O I S T U R E
096-0023 384+59					Surface Water Elev. 410.48 ft Stream Bed Elev. 409.59 ft				
2 383+84					Groundwater Elev.: First Encounter 400.6 ft Upon Completion Dry ft				
					After _____ Hrs. _____ ft				
					Ground Surface Elev. 422.58 ft				
					15 1/2" asphalt pavement.				
					421.28				
					Stiff, damp, gray, SANDY CLAY.				
					1				
					9 1.2 19				
					14 B				
					418.08				
					Medium, damp, gray, SANDY LOAM.				
					4				
					6 0.7 17				
					6 B				
					415.58				
					Very soft, very damp, gray, SILTY LOAM.				
					1				
					0 0.1 31				
					0 B				
					0				
					0 0.1 22				
					0 B				
					410.68				
					Very soft to medium, very damp, gray mottled red, SANDY LOAM.				
					2 0.1 19				
					2 B				
					2				
					2 0.7 19				
					6 B				
					406.08				
					Stiff damp, gray marbled red, CLAY.				
					5 1.8 22				
					5 BS				
					403.08				
					1				
					382.58				

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 T208)  
BBS, from 137 (Rev. 8-99)



SOIL BORING LOG

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COUNTY Wayne DRILLING METHOD Hollow stem auger & split spoon HAMMER TYPE Auto 140#

STRUCT. NO. Station	D E P T H	B L O W S	U C S	M O I S T U R E	Description	D E P T H	B L O W S	U C S	M O I S T U R E
096-0023 384+59					Surface Water Elev. 410.48 ft Stream Bed Elev. 409.59 ft				
2 383+84					Groundwater Elev.: First Encounter 400.6 ft Upon Completion Dry ft				
					After _____ Hrs. _____ ft				
					Ground Surface Elev. 422.58 ft				
					Very stiff, damp, gray, CLAY TILL.				
					9 3.8 16				
					13 B				
					4				
					7 1.9 16				
					9 B				
					46				
					Very dense, moist, gray to brown, CLAY SHALE, powdered and pockerchipped. (continued)				
					46				
					50/4				
					362.78				
					Extent of exploration.				
					50/3				
					50/1				
					50/1				
					8 3.6 11				
					10 B				
					5				
					7 4.6 14				
					12 B				
					8				
					10 4.6 14				
					14 B				
					363.08				
					24				

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BBS, from 137 (Rev. 8-99)

BENTON & ASSOCIATES, INC.

DESIGNED	MBH
CHECKED	NRF
DRAWN	MBH
CHECKED	NRF

SOIL BORINGS  
US 45 / DEER CREEK  
F.A.P. RT. 328  
WAYNE COUNTY  
SN. 096-0068