STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 322	24BR-1	FAYETTE	57	42
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

SHEET NO. 22
22 SHEETS

Contract # 94770

Illinois Department of Transportation
Division of Highways
Ill. Dept. of Trans. 3-7

ROCK CORE LOG

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Date 9/20/06

ROUTE FAP 322 (US 51) DESCRIPTION Richland Creek LOGGED BY E. Sandschafer

SECTION 24BR-1 LOCATION Sec 3 - SW 1/4, Sec 4 - SE 1/4, SEC., TWP. 5 N, RNG. 1 E. 3 PM

COUNTY Fayette CORING METHOD Rotary, surf set diamond bit

STRUCT. NO. 026-0038 CORING BARREL TYPE & SIZE NW, conv dbl bbl, split inner
Station 228+67.4

Core Diameter 2.06 in
Top of Rock Elev. 380.17 ft
Begin Core Elev. 379.37 ft

BORING NO. 2
Station 229+35
Offset 14.50ft Lt
Ground Surface Elev. 477.67 ft

		DEPTH (ft)	CORE (#)	RECOVERY (%)	R.Q.D. (%)	CORE TIME (min/ft)	STRENGTH (tsf)
Gray, slightly weathered, SANDY CLAY SHALE.	379.37		1	90	82	0.7	
Rock core unconfined compressive strength from 100.0' to 100.4' = 97 tsf		-105					
			2	87	87	0.7	
Rock core unconfined compressive strength from 107.9' to 108.3' = 150 tsf		-105					
Extent of exploration.	389.37						
Benchmark: BM 203 Chiseled square on SE corner of existing bridge, Sta 228+67 = 478.21'. Provided by Program Development.		-115					
		-115					

Color pictures of the cores _____
Cores will be stored for examination until_____
The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938)
BBS, form 138 (Rev. 8-99)

BENTON & ASSOCIATES, INC.

DESIGNED	MBH
CHECKED	NRF
DRAWN	MBH
CHECKED	NRF

SOIL BORINGS
US 51 / RICHLAND CREEK
F.A.P. RT. 322
FAYETTE COUNTY
SN. 026-0104