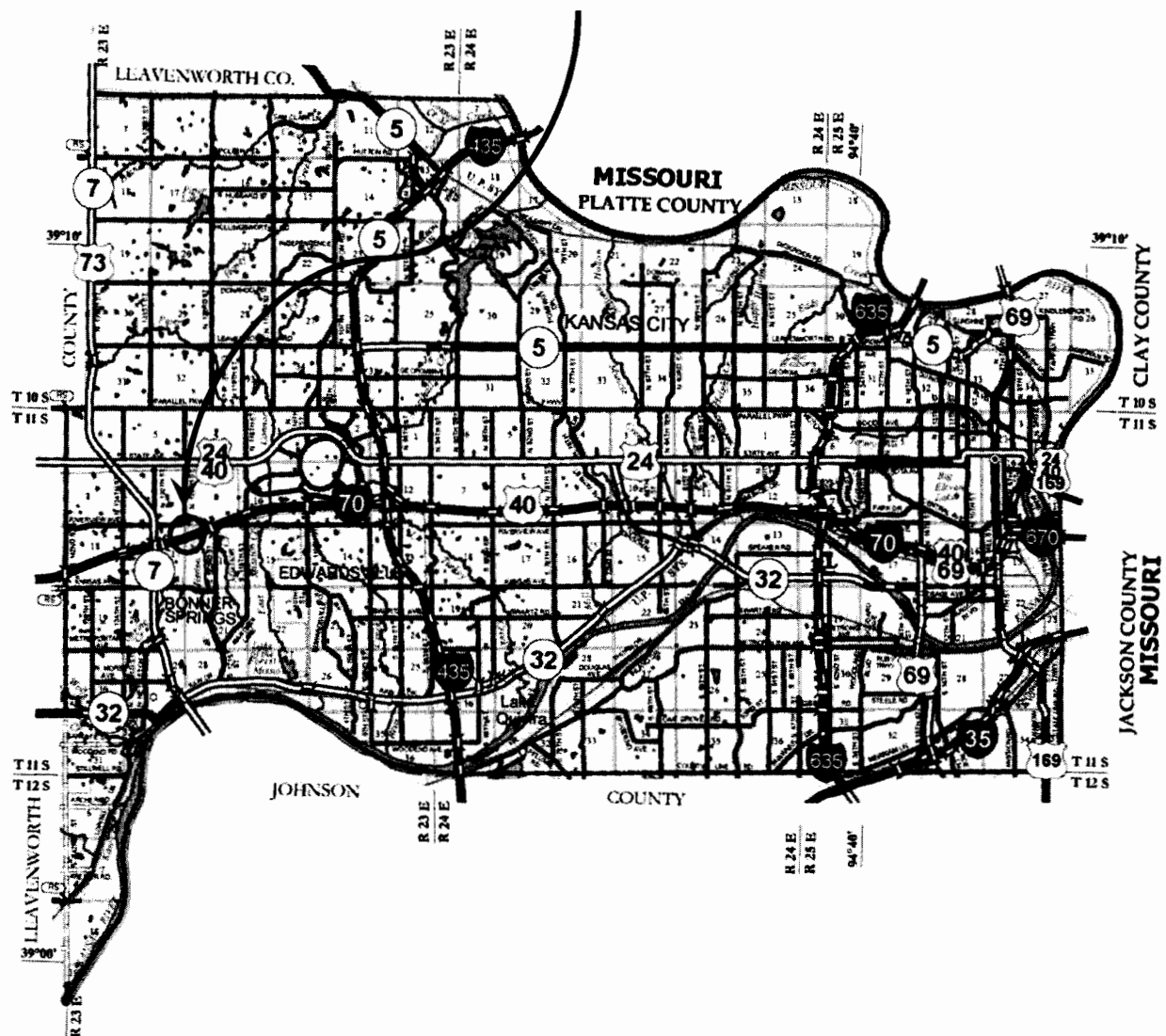




70-105 KA-1003-07 ~~118th~~ ^{118th} over I-70
River View

Br. No. 70-105-03.12(330)

Wyandotte County

CD2

N:39.100400 E:-94.863595 (Approx.)

NE ¼, NE ¼, NW ¼, S16, T11S, R23E

KANSAS DEPARTMENT OF TRANSPORTATION



RTE./CO.	70-Wyandotte	SOUNDING NO.	CH-2	SHEET 1 of 2
BRIDGE STA.	14442+64: 72.3' Rt	PROJ. NO.	KA-1003-01	BRIDGE NO.
SITE NAME	K-7 and I-70 Interchange, Riverview Ave.			HOLE STA. 49+89, 40.0' Rt CL
GEOLOGIST	K. Halverson, G.A.	SCALE	1 inch = 10.0 feet	DATE June 22, 2010
DRILLER	C. Hutchins	RIG TYPE	CME 75	TOP HOLE ELEV. 996.65
GW ELEV.	N/A	TOTAL DEPTH	44.1	M/B ELEV. 995.15

Bit Type	GEOLOGIC NAME	STRATIGRAPHIC COLUMN	DEPTH	ELEVATION	CLASSIFICATION OF MATERIALS DESCRIPTION AND REMARKS	UNCONFINED COMPRESSION (TSF)	ELASTIC MODULUS (PSF)	N60 COUNT (SPT)	ELEVATION
8" Hollow Augers	Soil Mantle		1.5	996.7	Silty Clay, dark brown, moist, medium stiff				
			3.5	995.2	Sandstone, reddish brown, medium hard, weathered				
			4.5	993.2	Sandstone, brownish red, hard "R"	240	2.63E+10		991.45
			1	992.2	Sandstone, reddish brown to brown, cross-bedded, very closely to closely fractured, non-weathered, iron stained, hard to very hard				
			2	990					
			3	985		89	2.99E+07		980.85
			4	980		95	3.13E+07		976.55
			5	975					
			6	970		194.5	8.94E+07		968.55
			7	965		269	1.27E+10		962.55
NQ2 Diamond	Tonganoxie Sandstone Mbr		19.1	977.6	Sandstone, fine grained, cross-bedded, closely to widely fractured, non-weathered, hard to very hard				
			24.0	972.7	Sandstone, fine grained, limy, iron stained, cross-bedded, very closely fractured, non-weathered, hard to very hard				
			28.4	968.3	Limestone, gray, very hard, coal seams				
			29.9	966.8	Shale, gray, non-weathered, very closely fractured, hard				
			30.6	966.1	Limestone, gray, fossiliferous, non-weathered, widely fractured, very hard	269	1.27E+10		962.55
			34.6	962.1	Shale, gray, non-weathered, closely fractured, abundant Limestone stringers, limy, hard to very hard, @ 41.3-41.6 and 42.9-43.3 Limestone layers interbedded within the Shale, very hard	38.85	5100000		958.05
			43.6	953.1	Limestone, gray, non-weathered, closely fractured, very hard	13.05	4220000		953.35
			44.1	952.55	T.D. = 44.1				
NQ2 Diamond	South Bend Limestone Mbr		28.4	968.3	Limestone, gray, very hard, coal seams				
			29.9	966.8	Shale, gray, non-weathered, very closely fractured, hard				
			30.6	966.1	Limestone, gray, fossiliferous, non-weathered, widely fractured, very hard	269	1.27E+10		962.55
			34.6	962.1	Shale, gray, non-weathered, closely fractured, abundant Limestone stringers, limy, hard to very hard, @ 41.3-41.6 and 42.9-43.3 Limestone layers interbedded within the Shale, very hard	38.85	5100000		958.05
			43.6	953.1	Limestone, gray, non-weathered, closely fractured, very hard	13.05	4220000		953.35
			44.1	952.55	T.D. = 44.1				
NQ2 Diamond	Stoner Limestone Mbr		28.4	968.3	Limestone, gray, very hard, coal seams				
			29.9	966.8	Shale, gray, non-weathered, very closely fractured, hard				
			30.6	966.1	Limestone, gray, fossiliferous, non-weathered, widely fractured, very hard	269	1.27E+10		962.55
			34.6	962.1	Shale, gray, non-weathered, closely fractured, abundant Limestone stringers, limy, hard to very hard, @ 41.3-41.6 and 42.9-43.3 Limestone layers interbedded within the Shale, very hard	38.85	5100000		958.05
			43.6	953.1	Limestone, gray, non-weathered, closely fractured, very hard	13.05	4220000		953.35
			44.1	952.55	T.D. = 44.1				

BOREHOLE REPORT - KANSAS DOT.GDT - 4/29/11 09:55 - C:\USERS\KYLE\DESKTOP\PROJECTS\KA-1003-01 K-7, I-70\K-7RIVERVERVIEW\LOGS\KA-1003-01RIVERVERVIEW.GPJ