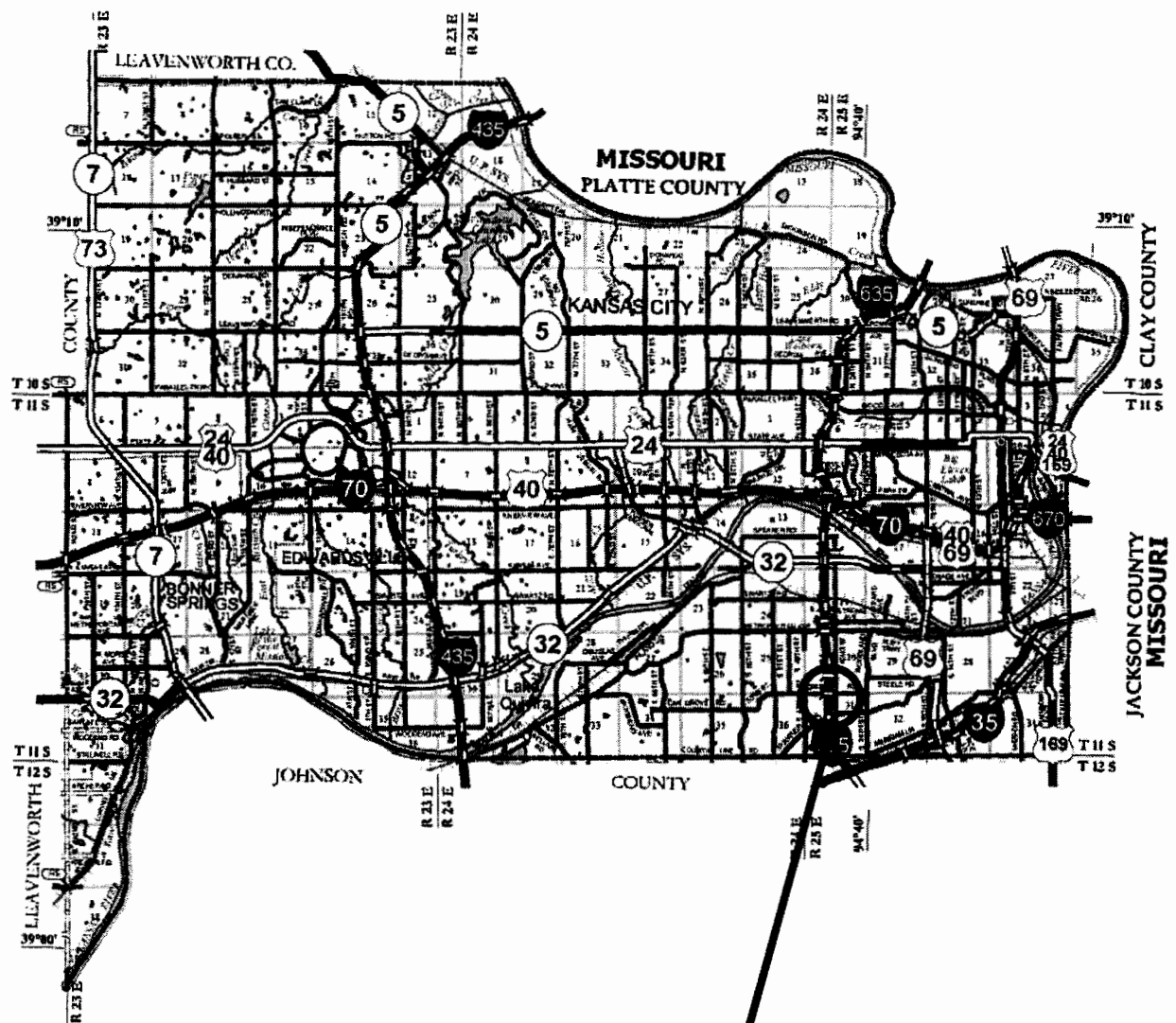




635-105 KA-2093-01 Gibbs Rd. over I-635

1.43 miles North of I-35

Wyandotte County

CD 06

N: 39.058622 E: -94.679289 (Approximate)

SE ¼, SE ¼, SW ¼, Sect 30, T11S, R25E

10/9/2012

KANSAS DEPARTMENT OF TRANSPORTATION



RTE./CO.	I-635 / Wyandotte	SOUNDING NO.	CD 06	SHEET 1 of 3		
BRIDGE STA.	154+97.14	PROJ. NO.	635-105 KA-2093-01	BRIDGE NO.	1.05(326)	
SITE NAME				Gibbs Rd over I-635	HOLE STA.	51+98, 40.0' Lt CL
GEOLOGIST	R. Crow, P.G.	SCALE 1 inch = 5.0 feet			DATE	October 9, 2012
DRILLER	R. Vervynck	RIG TYPE	CME 55	TOP HOLE ELEV.	1025.9	
GW ELEV.	N/A	TOTAL DEPTH	53.0	M/B ELEV.	1016.9	

8" Hollow Augers		NQ2 Diamond									
Bit Type	GEOLOGIC NAME	STRATIGRAPHIC COLUMN	DEPTH	ELEVATION	CLASSIFICATION OF MATERIALS DESCRIPTION AND REMARKS	UNCONFINED COMPRESSION (TSF)	ELASTIC MODULUS (PSF)	N60 COUNT (SPT)	ELEVATION		
	Mantle			1025	1025.9	Silty clay, dark brown, moist		1.4	53900		1019.9
	Vilas		9.0		1016.9	Shale, weathered, tan					
	Plattsburg Limestone Formation		10.7	1015	1015.2	Limestone, hard, dense, gray with rust stain, fossiliferous	210	1.45E+08		1013.3	
			22.0		1003.9	Shale, gray					
			22.4		1003.5	Limestone, hard, gray, dense, fossiliferous					
			23.4		1002.5	Shale, gray					
			23.7		1002.3	Limestone, hard, gray, fossiliferous, basal conglomerate					
			24.5		1001.4	Shale, gray					
			25.5	1000	1000.4	Shale, greenish gray, limy, clayey	22	4510000		998.8	

BOREHOLE REPORT - KANSAS DOT.GDT - 1/23/13 15:37 - Q:\GEOLOGY\BRIDGE\635-105 KA-2093-01\GIBBS RD OVER 635 GPJ



KANSAS DEPARTMENT OF TRANSPORTATION

RTE./CO.	I-635 / Wyandotte	SOUNDING NO.	CD 06	SHEET 2 of 3	
BRIDGE STA.	154+97.14	PROJ. NO.	635-105 KA-2093-01	BRIDGE NO.	1.05(326)
SITE NAME	Gibbs Rd over I-635			HOLE STA.	51+98, 40.0' Lt CL

Bit Type	GEOLOGIC NAME	STRATIGRAPHIC COLUMN	DEPTH	ELEVATION	CLASSIFICATION OF MATERIALS DESCRIPTION AND REMARKS	UNCONFINED COMPRESSION (TSF)	ELASTIC MODULUS (PSF)	N60 COUNT (SPT)	ELEVATION
NQ2 Diamond	Bonner Springs Formation		29.8	996.1	Shale, gray, laminar, limy	59	8170000		995.0
			31.1	994.8	Shale, dark greenish gray, weak				
			32.9	993.1	Sandstone, gray, lime cement				
			33.5	992.4	Sandstone, gray, micro cross beds	82	1.21E+07		991.3
			36.0	989.9	Shale, gray, sandy				
			38.0	987.9	Sandstone, shaly, gray				
			40.3	985.6	Shale, sandy, light and dark gray varves	31	2490000		985.0
			53.0	972.9	T.D. = 53				



KANSAS DEPARTMENT OF TRANSPORTATION

RTE./CO.	I-635 / Wyandotte	SOUNDING NO.	CD 06	SHEET 3 of 3	
BRIDGE STA.	154+97.14	PROJ. NO.	635-105 KA-2093-01	BRIDGE NO.	1.05(326)
SITE NAME	Gibbs Rd over I-635			HOLE STA.	51+98, 40.0' Lt CL

Bit Type									
GEOLOGIC NAME									
STRATIGRAPHIC COLUMN									
DEPTH									
ELEVATION									
CLASSIFICATION OF MATERIALS DESCRIPTION AND REMARKS									
UNCONFINED COMPRESSION (TSF)									
ELASTIC MODULUS (PSF)									
N60 COUNT (SPT)									
ELEVATION									
