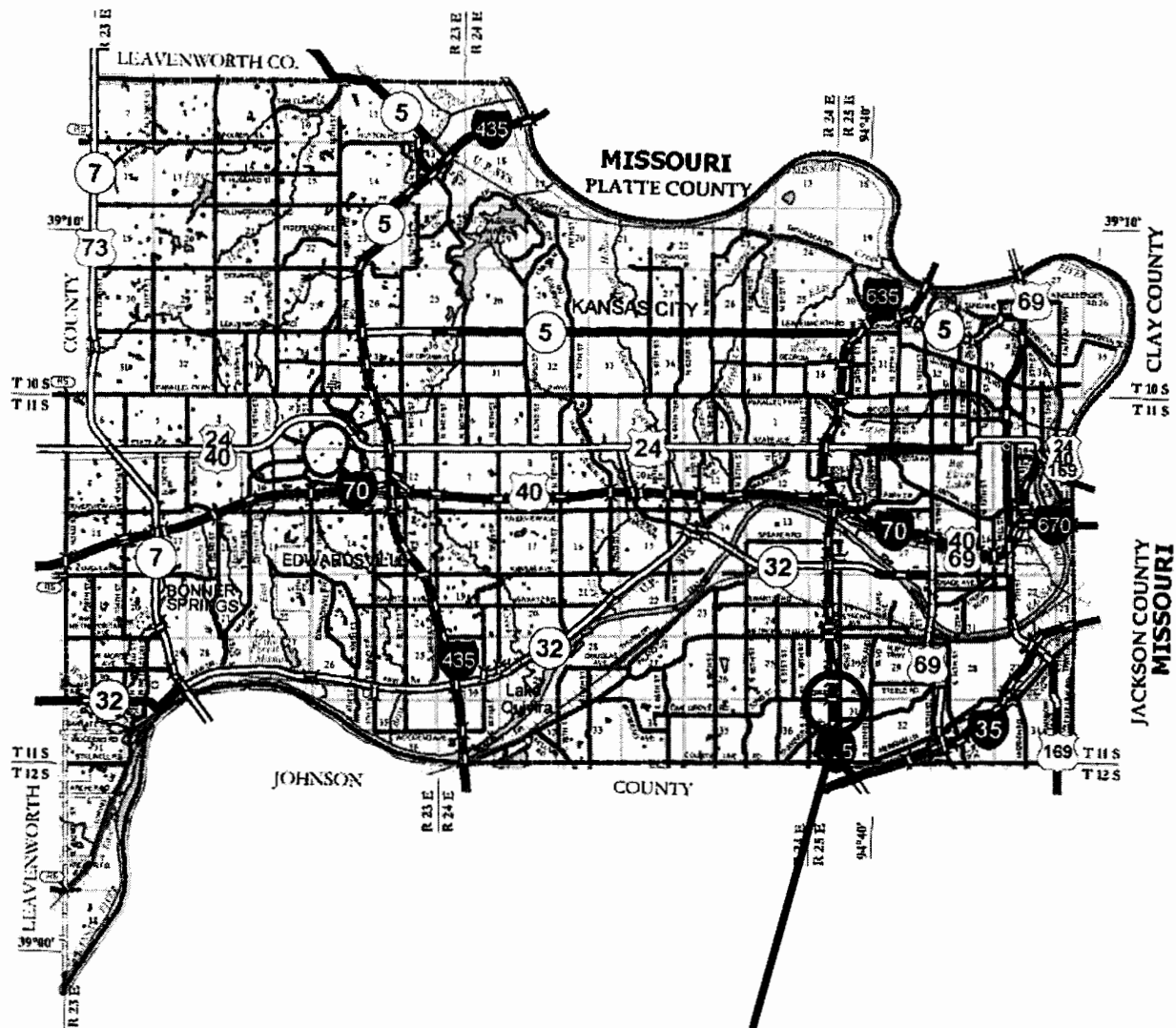




635-105 KA-2093-01 Gibbs Rd. over I-635

1.43 miles North of I-35

Wyandotte County

CD 04

N: 39.058622 E: -94.679289 (Approximate)

SE ¼, SE ¼, SW ¼, Sect 30, T11S, R25E

9/20/2012

KANSAS DEPARTMENT OF TRANSPORTATION



RTE./CO.	I-635 / Wyandotte	SOUNDING NO.	CD 04	SHEET 1 of 2		
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.	48+58, 58.0' Rt CL
GEOLOGIST	R. Crow, P.G.	SCALE 1 inch = 5.0 feet			DATE	September 20, 2012
DRILLER	R. Vervynck	RIG TYPE	CME 55	TOP HOLE ELEV.	1038.52	
GW ELEV.	N/A	TOTAL DEPTH	21.3	M/B ELEV.	1027.32	

BOREHOLE REPORT - KANSAS DOT, GDT - 10/2/12 08:31 - Q:\GEOLOGY\BRIDGE\635-105 KA-2093-01\GIBBS RD OVER 635.GPJ

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 NQ2 Diamond	Mantle			1038.5	Sandy silty clay, brown					
			6.1	1032.4	Very firm loess, reddish brown with small pebbles					
	Vilas Shale Formation		11.2	1027.3	Sandstone, shaly, tan					
			14.4	1024.1	Shale, sandy, light and dark gray varves					
			18.4	1020.1	Shale, tan, clayey	6.5	489000		1021.52	
			19.5	1019.0	Shale, gray, laminar	7.2	894000		1018.52	
			20.5	1018.0	Plattsburg Limestone Formation					
			21.3	1017.22	T.D. = 21.3					

BOREHOLE REPORT - KANSAS DOT.GDT - 10/2/12 08:31 - 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 04	SHEET 2 of 2	
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.	48+58, 58.0' Rt 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																																			
					<table><thead><tr><th>Core</th><th>Depth</th><th>Elev.</th><th>Cut</th><th>Rec</th><th>Rec %</th><th>RQD</th></tr></thead><tbody><tr><td>1</td><td>9.1</td><td>1029.42</td><td>4.3</td><td>4.0</td><td>93</td><td>0%</td></tr><tr><td>2</td><td>13.4</td><td>1025.12</td><td>5.0</td><td>4.4</td><td>88</td><td>36%</td></tr><tr><td>3</td><td>18.4</td><td>1020.12</td><td>2.9</td><td>3.4</td><td>117</td><td>55%</td></tr><tr><td>Total</td><td>21.3</td><td>1017.22</td><td>12.2</td><td>11.8</td><td>97</td><td>28%</td></tr></tbody></table>	Core	Depth	Elev.	Cut	Rec	Rec %	RQD	1	9.1	1029.42	4.3	4.0	93	0%	2	13.4	1025.12	5.0	4.4	88	36%	3	18.4	1020.12	2.9	3.4	117	55%	Total	21.3	1017.22	12.2	11.8	97	28%				
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