

KANSAS DEPARTMENT OF TRANSPORTATION

COUNTY Shownee PROJECT NO. 70-89-K-2446-01 BRIDGE NO. 12.36DESCRIPTION I-70 over Gage Blvd. STA. 139+96.5, Lt. 88th Proj.GEOLOGIST Alex Kotovantz VERTICAL SCALE 1"=10' DATE 6-18-1990

BIT TYPE & NO.	GEOLOGIC NAME	GEOLOGIC COLUMN	GROUNDWATER ELEVATION	DEPTH	ELEVATION	GEOLOGIC DESCRIPTION AND REMARKS	UNCONFINED COMPRESSION	STANDARD PENETRATION OR CASING DRIVE	
								BLOWS	ELEV.
						T.H. E. 910.9			
				27	908.2	silty clay, clay, tan brown-yellowish			908.2
				54	905.5	Wld. sh, silty, sandy, ss. stringers yellowish tan, orange tan.			
				95	901.4	Wld. sh, silty, ss. stringers, tan brown-yellowish brown-H. gray.		65	902.6
				125	898.4	sh, silty, clayey, gray.	Sa #1	B.P.T.	900.0
						sh, clayey, gray.	QU 14.379		
				196	891.3		Sa #2		894.9
						sh, silty, limy, limy cemented	QU 8.666		
				237	887.2	ss. bands, gray	Sa #3		891.3
				265	884.4	sh, silty, clayey, dense, gray.	QU 15.768		
							Sa #4		884.6
						sh, clayey, silty, hard, dense, foss.iferous, dk. gray.	QU 26.105		881.1
				364	874.5		Sa #5		
				390	871.9	ls., hard, dense, gray.	QU 30.086		876.9
				7.D.	870		Sa #6		
						Core #1, 85-12° (902.4-898.9)	QU 18.118		873.0
						Cut 35 Rec. 31	Sa #7		
						R.O.D. 46%	QU 92.516		
						Core Rec. 88%			
						Core #2, 12°-17° (898.9-893.9)			
						Cut 5° Rec. 5°			
						R.O.D. 85%			
						Core Rec. 100%			
						Core #3, 17°-21° (893.9-889.4)			
						Cut 45 Rec. 45			
						R.O.D. 100%			
						Core Rec. 100%			

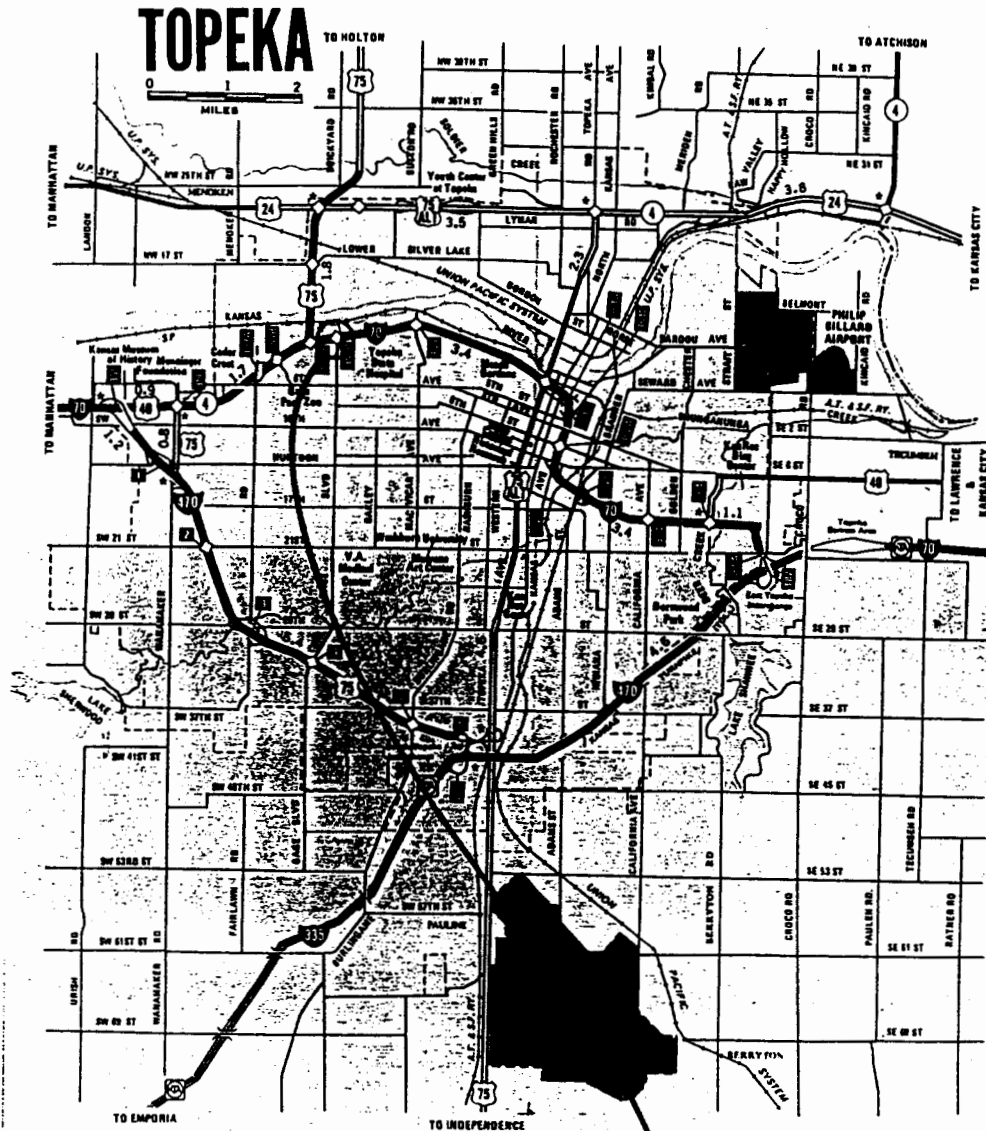
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COUNTY *Shawnee* PROJECT NO. *70-89-K-2446-01* BRIDGE NO. *12.36*DESCRIPTION *I-70 over Gage Blvd.* STA. *139+98.5, Lt. 88'E Proj.*GEOLOGIST *Alex Kotyantz* VERTICAL SCALE *1"=10'* DATE *6-18-1990*

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						Core #4, 21 ⁵ -26 ⁵ (889.4-884.4) Cut 5° Rec. 5° R.O.D. 100 % Core Rec. 100 %																																
						Core #5, 26 ⁵ -31 ⁵ (884.4-879.4) Cut 5° Rec. 4 ³ R.O.D. 74 % Core Rec. 86 %																																
						Core #6, 31 ⁵ -34 ⁰ (879.4-876.9) Cut 2 ⁵ Rec. 2 ⁵ R.O.D. 100 % Core Rec. 100 %																																
						Core #7, 34 ⁰ -39 ⁰ (876.9-871.9) Cut 5° Rec. 5° R.O.D. 100 % Core Rec. 100 %																																
						Casing Drive Data																																
						<table><tr><th>Elevation</th><th>Depth</th><th>BLOWS</th></tr><tr><td>906⁹-905⁹</td><td>4⁰-5⁰</td><td>112 / ft.</td></tr><tr><td>905⁵-905⁴</td><td>5⁴-5⁵</td><td>20 / 0.1 ft.</td></tr><tr><td>905⁰-904⁹</td><td>5⁹-6⁰</td><td>30 / "</td></tr><tr><td>904¹-904⁰</td><td>6⁸-6⁹</td><td>46 / "</td></tr><tr><td>904⁰-903⁹</td><td>6⁹-7⁰</td><td>43 / "</td></tr><tr><td>903⁸-903⁷</td><td>7¹-7²</td><td>45 / "</td></tr><tr><td>903⁶-903⁵</td><td>7³-7⁴</td><td>53 / "</td></tr><tr><td>902⁷-902⁶</td><td>8²-8³</td><td>65 / "</td></tr><tr><td>902⁶</td><td>8³</td><td>Refused</td></tr></table>	Elevation	Depth	BLOWS	906 ⁹ -905 ⁹	4 ⁰ -5 ⁰	112 / ft.	905 ⁵ -905 ⁴	5 ⁴ -5 ⁵	20 / 0.1 ft.	905 ⁰ -904 ⁹	5 ⁹ -6 ⁰	30 / "	904 ¹ -904 ⁰	6 ⁸ -6 ⁹	46 / "	904 ⁰ -903 ⁹	6 ⁹ -7 ⁰	43 / "	903 ⁸ -903 ⁷	7 ¹ -7 ²	45 / "	903 ⁶ -903 ⁵	7 ³ -7 ⁴	53 / "	902 ⁷ -902 ⁶	8 ² -8 ³	65 / "	902 ⁶	8 ³	Refused		
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Kansas Department of Transportation

BRIDGE FOUNDATION REPORT



C-27-115-15E

0-39

Webbavnee

70-89 K-2446-01
I-70 over Gage Boulevard
Shawnee County

Br# 12.35 + 12.36

Severly shale to
top Coal Creek limestone