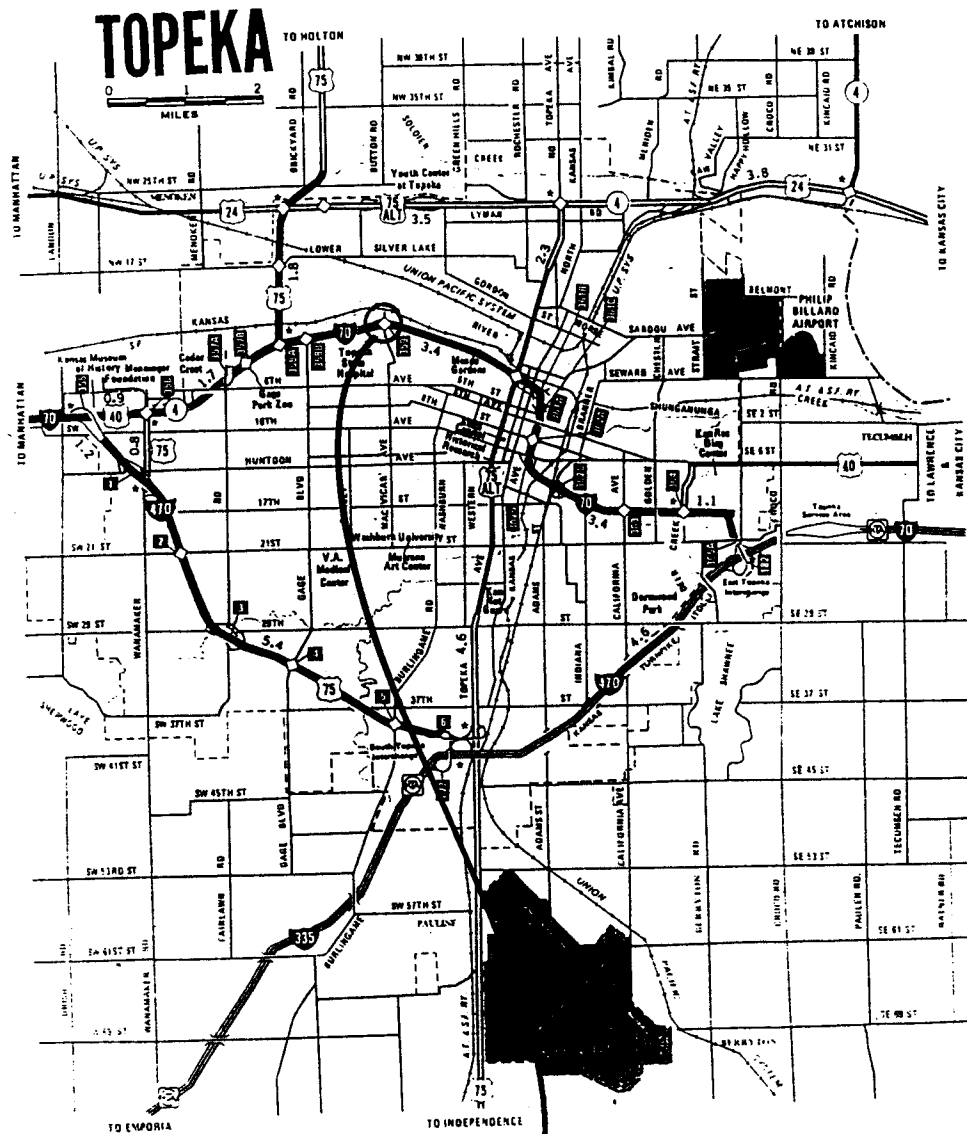


Kansas Department of Transportation

BRIDGE FOUNDATION REPORT



NE NE - 26 - 115 - 15E

0-72'

Webbunsee?

Severly shale?

No unit listed or.
distinguishable by lithology

70-89 K-2446-01
I-70 over MacVicar Ave.
Shawnee County

B# 13.38

KANSAS DEPARTMENT OF TRANSPORTATION

COUNTY *Shawnee* PROJECT NO. *70-87-K-2446-01* BRIDGE NO. *13.38*DESCRIPTION *I-70 over MacVicar Ave STA. 193+90, Rt. 10 & Proj.*GEOLOGIST *Alex Kotepantz* VERTICAL SCALE *1"=10'* DATE *6-20-1990*

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. El. 884.2			
				7 ⁰	880	Sand, fine, thin clay lenses tan.			
				11 ⁵	877.2	Silt, tan			
					872.7			15 SPT	872.7
					870	Sand, fine-medium, lt. tan.			871.2
					867.9			15 SPT	867.7
				20 ²	864.0	Sand, medium-coarse, and gravel			
					860	Sand, fine, lt. tan-gray.			
					856.2			34 SPT	862.7
					850	Sand, fine-medium, gray.			
				43 ⁰	840	841.2			
					835.7	Sand, coarse, & gravel			
				48 ⁵	834.8	sh. silty, micaceous, lt. gray.			
				51 ²	833.0	sh. silty, micaceous, lt. gray.			
				53 ⁷	830.5	siltstone, dense, hard, gray			
				57 ⁵	826.7	sh. silty, micaceous, hard, gray.			
				58.9	825.3	siltstone, micaceous, hard, gray.			
				60.1	824.7	ss., fine grained, hard, dense, gray.			
					820	sh. silty, micaceous with ss. zones dense, hard,			
				68.4	815.8				
				70 ²	814.0	siltstone, gray.			
				72 ⁵	811.7	ss. with sandy sh. break, hard, gray.			
					810				

KANSAS DEPARTMENT OF TRANSPORTATIONCOUNTY *Shawnee* PROJECT NO. *70-89-K-244-01* BRIDGE NO. *13.38*DESCRIPTION *I-70 over MacVicar Ave.* STA. *193+90, 10' E Proj.*

GEOLOGIST

VERTICAL SCALE

DATE

BIT TYPE & NO.	GEOLOGIC NAME	GEOLOGIC COLUMN	GROUNDWATER ELEVATION	DEPTH	ELEVATION	GEOLOGIC DESCRIPTION AND REMARKS	UNCONFINED COMPRESSION	STANDARD PENETRATION OR CASING DRIVE	
								BLOWS	ELEV.
						<u>Core #1, 47[±] - 53[±] (834.7 - 830.7)</u> Cut 4° Rec. 4° R.O.D. 73% Core Rec. 100%			
						<u>Core #2, 53[±] - 57[±] (830.7 - 826.7)</u> Cut 4° Rec. 4° R.O.D. 38% Core Rec. 100%			
						<u>Core #3, 57[±] - 62[±] (826.7 - 821.7)</u> Cut 5° Rec. 5° R.O.D. 75% Core Rec. 100%			
						<u>Core #4, 62[±] - 67[±] (821.7 - 816.7)</u> Cut 5° Rec. 5° R.O.D. 100% Core Rec. 100%			
						<u>Core #5, 67[±] - 72[±] (816.7 - 811.7)</u> Cut 5° Rec. 4° R.O.D. 42% Core Rec. 98%			