

ROUTE NO. I-470

SOUNDING NO. CD-2A

SHEET 1 OF 1

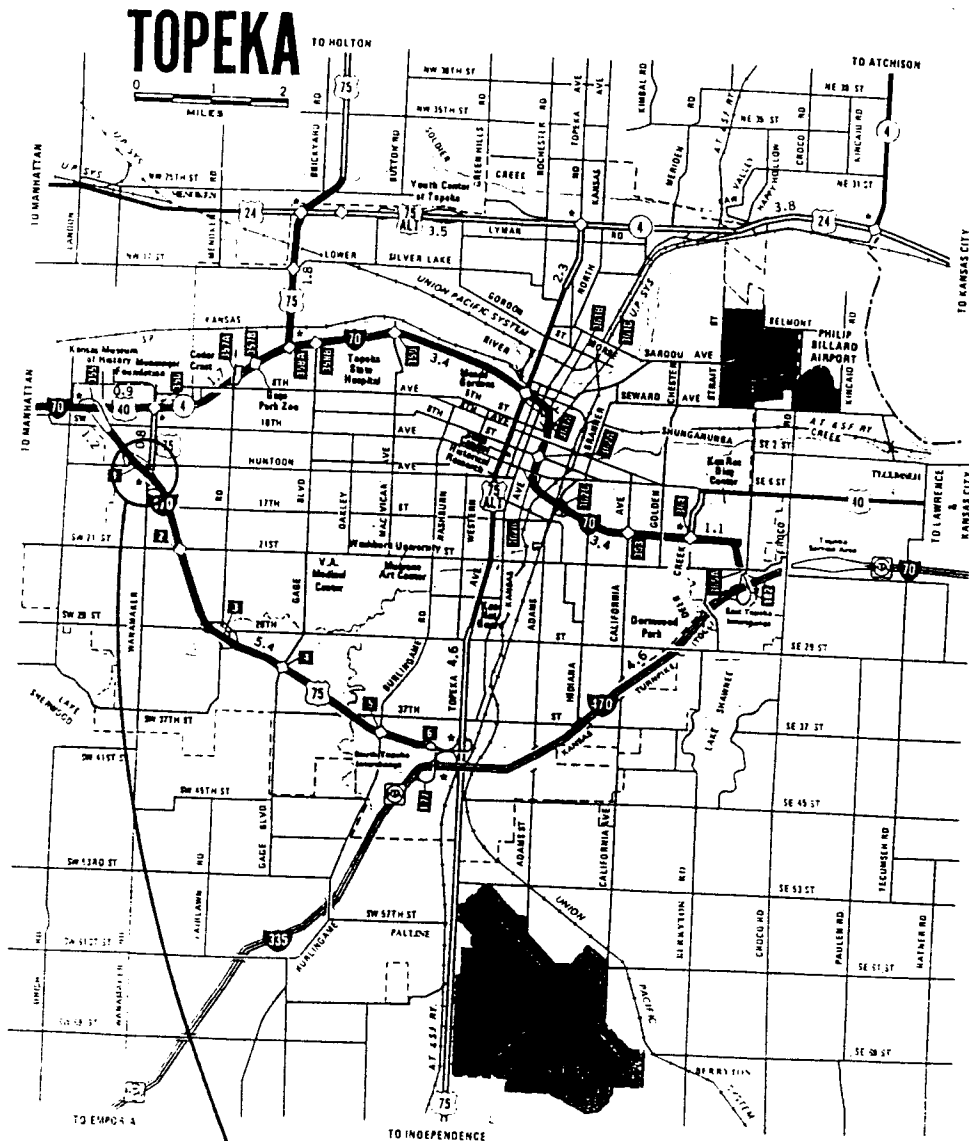
KANSAS DEPARTMENT OF TRANSPORTATION

COUNTY *Shownee* PROJECT NO. *470-89-K-3831-01* BRIDGE NO. *1.20*DESCRIPTION *I-470 over Wanamaker Road* STA. *121+35, 1+64 & Point*GEOLOGIST *John Jimenez*VERTICAL SCALE *1"=10'*DATE *4-2-1990*

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. 934.8			
				55	930	silty clay, tannish gray			
					929.3				
						clay, some med.-coarse gravel, ss. fragments, iron staining, tan.	So. #1 Qu 0.366		922.8
					920		So. #2 Qu 0.567		917.8
				18°	916.8		So. #1 Qu 2.271		916.1
						sh., clayey, sandy, ss. stringers gray.	So. #2 Qu 13.22		913.6
				25°	910	909.8	So. #3 Qu 1.79		909.3
						sh., clayey, gray.	So. #4 Qu 1.89		905.4
				30°	904.8		So. #5 Qu 15.6		902.3
				32°	902.4	ls., upper 0.3 shaly	So. #6 Qu 281.0		900.6
				33°	901.5	sh., limy, dk. gray.	So. #7 Qu 50.64		899.2
				34°	900.4	ls., upper 0.5 shaly, gray- dk. gray.			
						sh., limy, dk. gray.			
						Core #1, 18°-22° (916.8 - 912.3)			
						Cut 4° Rec. 2°			
						Core Rec. 62%			
					890	Core #2, 22°-27° (912.3 - 907.8)			
						Cut 3° Rec. 3°			
						Core Rec. 100%			
						Core #3, 27°-30° (907.8 - 904.8)			
						Cut 3° Rec. 3°			
						Core Rec. 100%			
						Core #4, 30°-33° (904.8 - 901.1)			
						Cut 3° Rec. 3°			
						Core Rec. 100%			
						Core #5, 33°-38° (901.1 - 896.1)			
						Cut 5° Rec. 4°			
						Core Rec. 82%			

NE NE S-12-15E

BRIDGE FOUNDATION GEOLOGY REPORT



NE NE-5 - 125 - 15E

0-52'

Wabawnee

White cloud to Severly

470-89 K-3831-01
I-470-over Wanamaker Road
Bridge No. 01.20 & 01.21 Sta. 120+99.61
Shawnee County