

ROUTE NO. I-470

SOUNDING NO. CD-2A

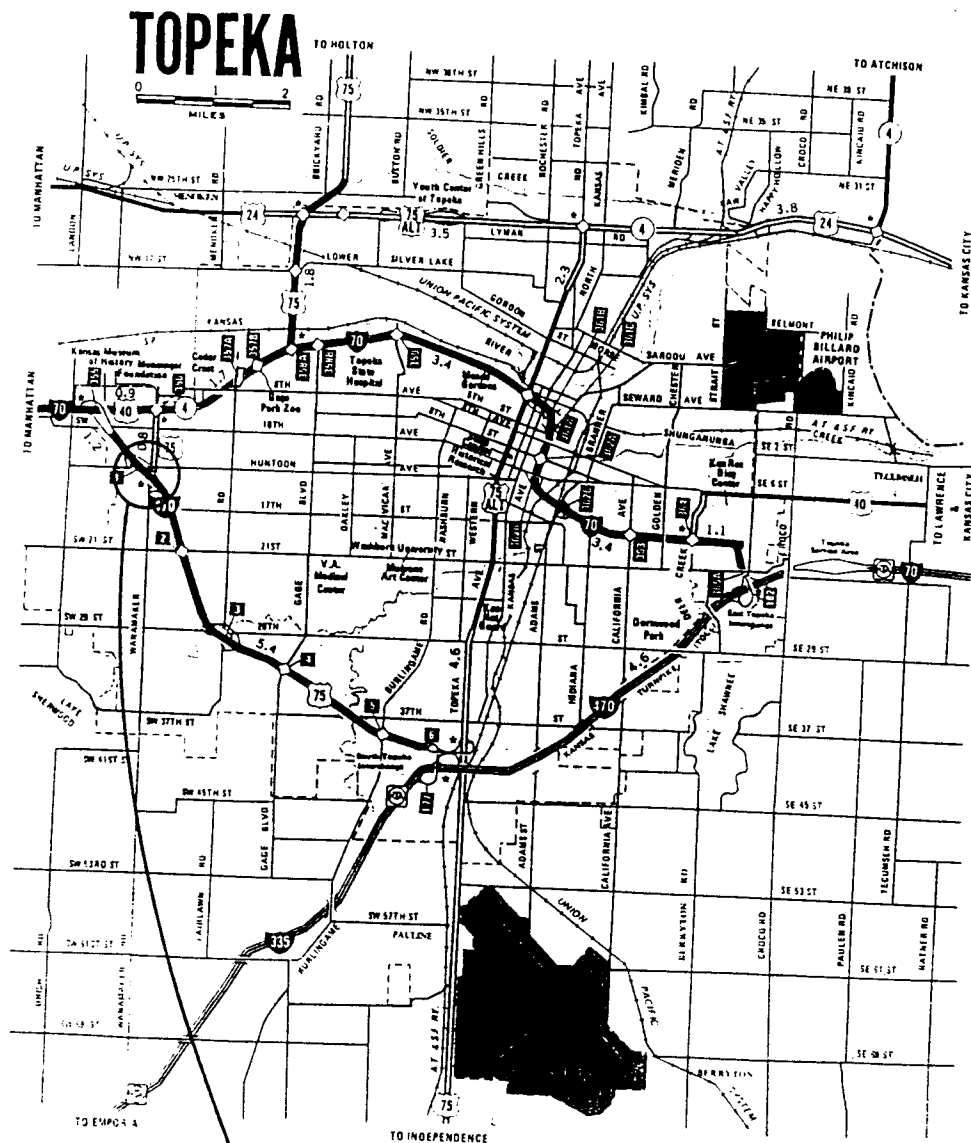
SHEET 1 OF 1

## 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<br>TYPE & NO. | GEOLOGIC<br>NAME | GEOLOGIC<br>COLUMN | GROUNDWATER<br>ELEVATION | DEPTH | ELEVATION | GEOLOGIC DESCRIPTION<br>AND REMARKS                                     | UNCONFINED<br>COMPRESSION | STANDARD<br>PENETRATION<br>OR<br>CASING DRIVE |       |
|-------------------|------------------|--------------------|--------------------------|-------|-----------|-------------------------------------------------------------------------|---------------------------|-----------------------------------------------|-------|
|                   |                  |                    |                          |       |           |                                                                         |                           | BLOWS                                         | ELEV. |
|                   |                  |                    |                          |       |           | T.H. El. 934.8                                                          |                           |                                               |       |
|                   |                  |                    |                          | 55    | 930       | silty clay, tannish gray                                                |                           |                                               |       |
|                   |                  |                    |                          |       | 929.3     |                                                                         |                           |                                               |       |
|                   |                  |                    |                          |       |           | clay, some med.-coarse gravel,<br>ss. fragments, iron staining,<br>tan. | So. #1<br>Qu 0.366        |                                               | 922.8 |
|                   |                  |                    |                          |       | 920       |                                                                         | So. #2<br>Qu 0.567        |                                               | 917.8 |
|                   |                  |                    |                          | 18°   | 916.8     |                                                                         | So. #1<br>Qu 2.271        |                                               | 916.1 |
|                   |                  |                    |                          |       |           | sh., clayey, sandy, ss. stringers<br>gray.                              | So. #2<br>Qu 13.22        |                                               | 913.6 |
|                   |                  |                    |                          | 25°   | 910       | 909.8                                                                   | So. #3<br>Qu 1.79         |                                               | 909.3 |
|                   |                  |                    |                          |       |           | sh., clayey, gray.                                                      | So. #4<br>Qu 1.89         |                                               | 905.4 |
|                   |                  |                    |                          | 30°   | 904.8     |                                                                         | So. #5<br>Qu 15.6         |                                               | 902.3 |
|                   |                  |                    |                          | 32.4  | 902.4     | ls., upper 0.3 shaly                                                    | So. #6<br>Qu 281.0        |                                               | 900.6 |
|                   |                  |                    |                          | 33.3  | 901.5     | sh., limy, dk. gray.                                                    | So. #7<br>Qu 50.64        |                                               | 899.2 |
|                   |                  |                    |                          | 34.4  | 900.4     | ls., upper 0.5 shaly, gray-<br>dk. gray.                                |                           |                                               |       |
|                   |                  |                    |                          |       |           | sh., limy, dk. gray.                                                    |                           |                                               |       |
|                   |                  |                    |                          |       |           | Core #1, 18°-22° (916.8 - 912.3)                                        |                           |                                               |       |
|                   |                  |                    |                          |       |           | Cut 4° Rec. 2°                                                          |                           |                                               |       |
|                   |                  |                    |                          |       | 890       | Core Rec. 62%                                                           |                           |                                               |       |
|                   |                  |                    |                          |       |           | 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%                                                           |                           |                                               |       |

NENE 5-12-15E



NE NE-S - 12S - 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