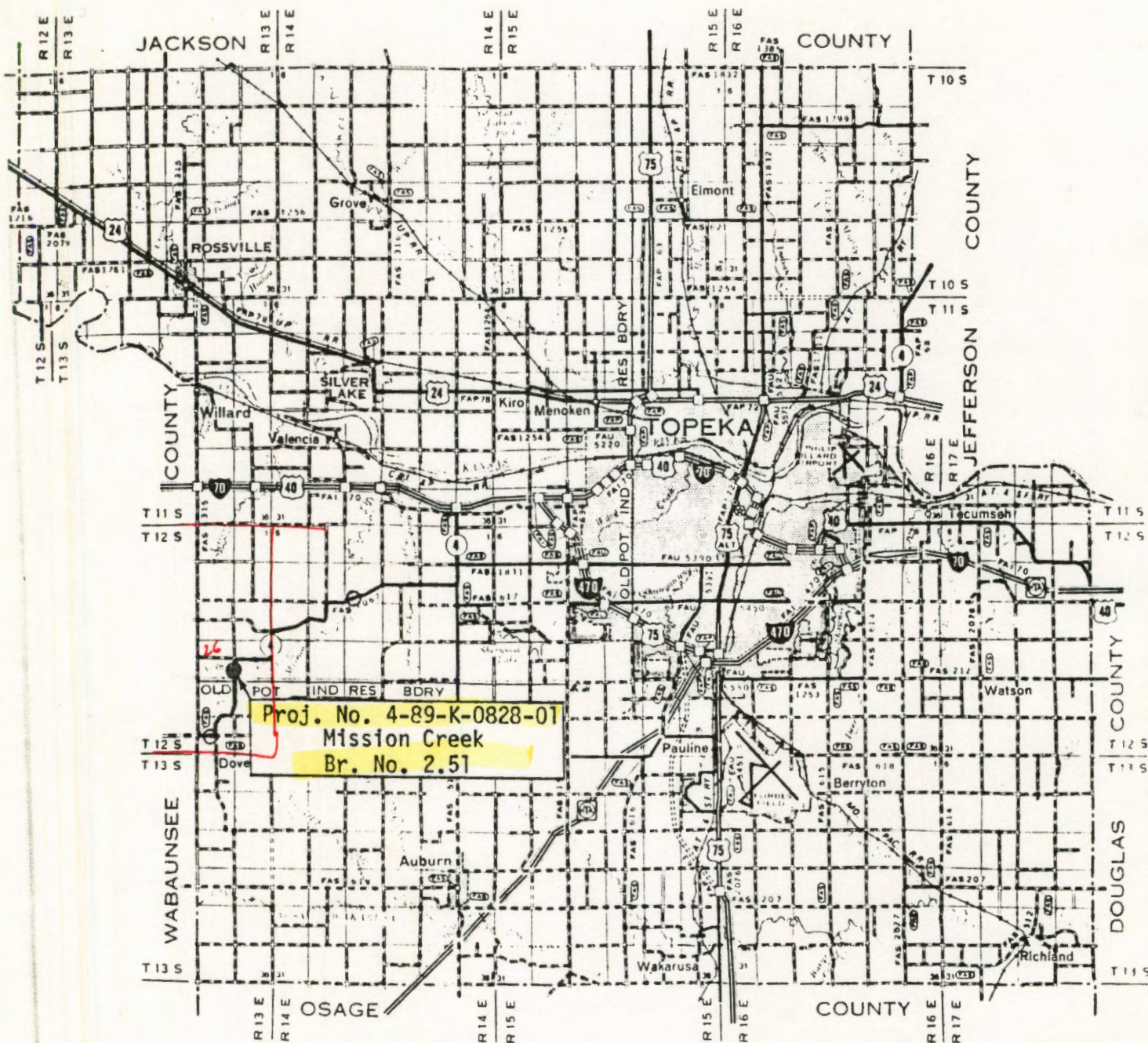


## KANSAS DEPARTMENT OF TRANSPORTATION

COUNTY *Shownee* PROJECT NO. 4-89-K-0828-01 BRIDGE NO. 02.51DESCRIPTION *Mission Creek* STA. 108+19, Lt. 17' (Abut. #1)GEOLOGIST *Kotlyantz* VERTICAL SCALE 1" = 10' DATE 7-6-1983

| 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. |
|                   |                  |                    |                          |        |           | TH. 987.7                                       |                           |                                               |       |
| 5 1/2" bit        |                  |                    |                          | 6" 13  | 980       | Fill (silty clay, ls. blocks, rip rap material) |                           | 983.2                                         |       |
|                   |                  |                    |                          |        | 981.4     |                                                 |                           | 981.4                                         |       |
|                   |                  |                    |                          |        | 990       | Silty clay, brown.                              |                           |                                               |       |
|                   |                  |                    |                          | 23" 20 | 964.7     |                                                 |                           |                                               |       |
|                   |                  |                    |                          | 25" 6  | 962.1     | silty clay & ls. gravel                         |                           |                                               |       |
|                   |                  |                    |                          |        | 960       | Sh., limy, dk. gray.                            | So. # 960.2<br>Qu. 255.6  |                                               | 960.2 |
|                   |                  |                    |                          | 32" 5  | 955.2     |                                                 | So. # 955.4<br>Qu. 344.8  |                                               |       |
|                   |                  |                    |                          | 35" 8  | 951.9     | ls., fossiliferous, hard, gray (3 1/2)          | So. # 954.3<br>Qu. 390.7  |                                               |       |
|                   |                  |                    |                          | 37" 7  | 950       | sh., limy, dk. gray (1 1/2)                     |                           |                                               |       |
|                   |                  |                    |                          | 38" 2  | 949.5     | ls., shaly, dk. gray (10 1/2)                   |                           |                                               |       |
|                   |                  |                    |                          | 41" 8  | 945.9     | sh., limy, dk. gray (3 1/2)                     |                           |                                               |       |
|                   |                  |                    |                          | 42" 9  | 944.8     | ls., fossiliferous, hard, dk. gray (1 1/2)      |                           |                                               |       |
|                   |                  |                    |                          | 46" 2  | 941.7     | sh., limy, dk. gray (3 1/2)                     |                           |                                               |       |
|                   |                  |                    |                          | 50" 2  | 940       | ls., dense, hard, lt. gray (4 1/2)              |                           |                                               |       |
|                   |                  |                    |                          | 55" 2  | 937.7     | sh., limy, with limy nodules, grayish green.    |                           |                                               |       |
|                   |                  |                    |                          |        | 932.7     |                                                 |                           |                                               |       |
|                   |                  |                    |                          |        | 930       | Core #1, 27" - 31 1/2", 960? - 956 1/2          |                           |                                               |       |
|                   |                  |                    |                          |        |           | Core #2, 31 1/2" - 36", 956 1/2 - 951 1/2       |                           |                                               |       |
|                   |                  |                    |                          |        |           | Core #3, 36" - 41", 951 1/2 - 946 1/2           |                           |                                               |       |
|                   |                  |                    |                          |        |           | Core #4, 41" - 45", 946 1/2 - 942 1/2           |                           |                                               |       |
|                   |                  |                    |                          |        |           | Core #5, 45" - 50", 942 1/2 - 937 1/2           |                           |                                               |       |
|                   |                  |                    |                          |        |           | Core #6, 50" - 55", 937 1/2 - 932 1/2           |                           |                                               |       |

SE 1/4 123E

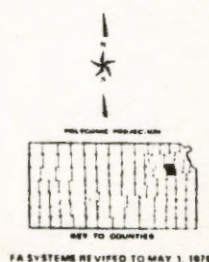


SE SE-26-125-13E

0-55'

Wabausee

Harveyville to Soldier Creek



FA SYSTEMS REVISED TO MAY 1, 1979

# GENERAL HIGHWAY MAP SHAWNEE COUNTY KANSAS

