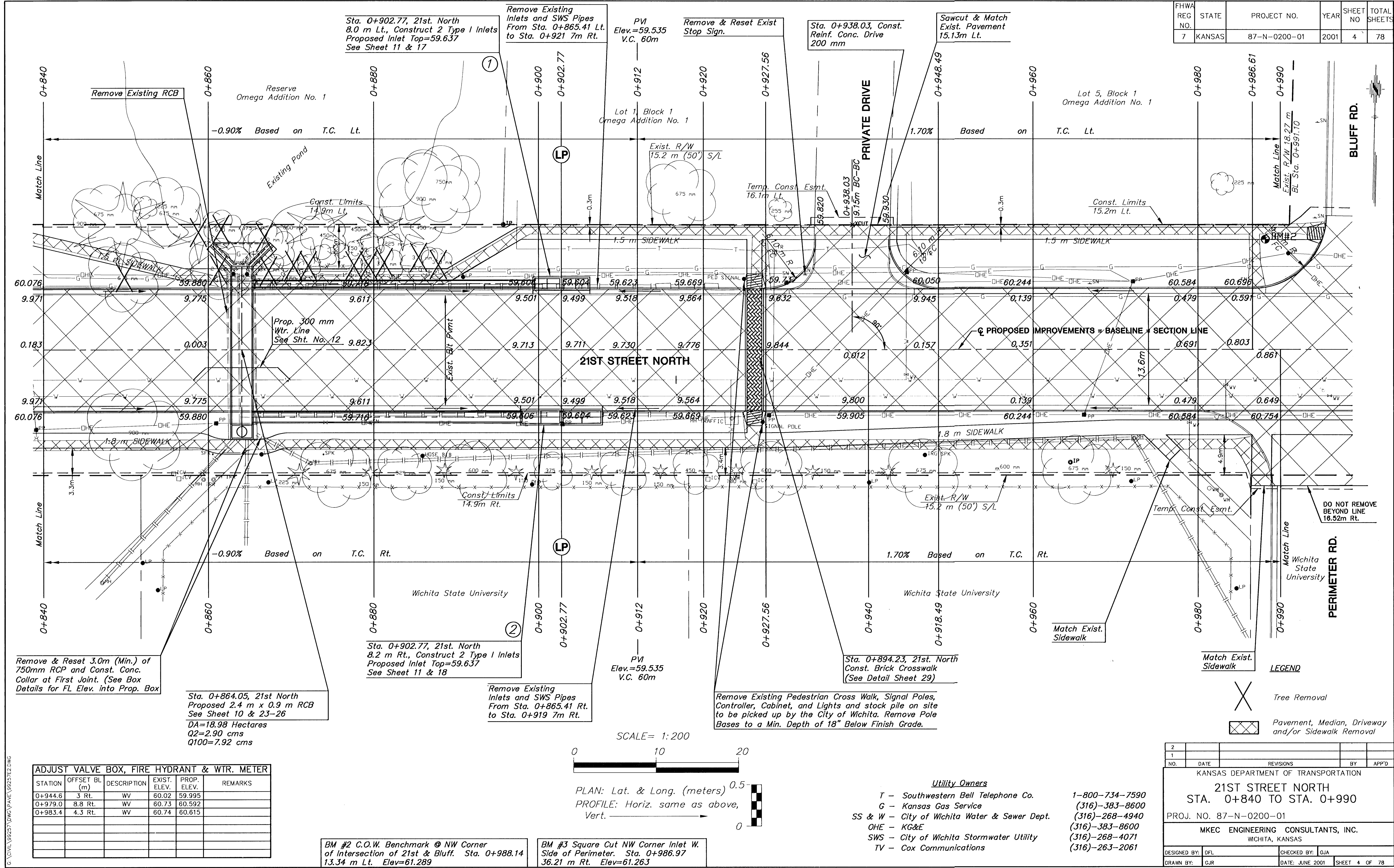


| DATE               | BY |
|--------------------|----|
|                    |    |
| REFERENCES NOTED   |    |
| REFERENCES CHECKED |    |

| FHWA<br>REG<br>NO. | STATE  | PROJECT NO.  | YEAR | SHEET<br>NO. | TOTAL<br>SHEETS |
|--------------------|--------|--------------|------|--------------|-----------------|
| 7                  | KANSAS | 87-N-0200-01 | 2001 | 4            | 78              |



Remove & Reset 3.0m (Min.) of 750mm RCP and Const. Conc. Collar at First Joint. (See Box Details for FL Elev. into Prop. Box)

Sta. 0+864.05, 21st North  
Proposed 2.4 m x 0.9 m RCB  
See Sheet 10 & 23-26  
DA=18.98 Hectares  
Q2=2.90 cms  
Q100=7.92 cms

Sta. 0+902.77, 21st North  
8.2 m Rt., Construct 2 Type I Inlets  
Proposed Inlet Top=59.637  
See Sheet 11 & 18

Remove Existing Inlets and SWS Pipes  
From Sta. 0+865.41 Rt.  
to Sta. 0+919 7m Rt.

Remove Existing Pedestrian Cross Walk, Signal Poles,  
Controller, Cabinet, and Lights and stock pile on site  
to be picked up by the City of Wichita. Remove Pole  
Bases to a Min. Depth of 18" Below Finish Grade.

| ADJUST VALVE BOX, FIRE HYDRANT & WTR. METER |               |             |              |             |         |
|---------------------------------------------|---------------|-------------|--------------|-------------|---------|
| STATION                                     | OFFSET BL (m) | DESCRIPTION | EXIST. ELEV. | PROP. ELEV. | REMARKS |
| 0+944.6                                     | 3 Rt.         | WV          | 60.02        | 59.995      |         |
| 0+979.0                                     | 8.8 Rt.       | WV          | 60.73        | 60.592      |         |
| 0+983.4                                     | 4.3 Rt.       | WV          | 60.74        | 60.615      |         |
|                                             |               |             |              |             |         |
|                                             |               |             |              |             |         |
|                                             |               |             |              |             |         |
|                                             |               |             |              |             |         |

BM #2 C.O.W. Benchmark @ NW Corner  
of Intersection of 21st & Bluff. Sta. 0+988.14  
13.34 m Lt. Elev=61.289

BM #3 Square Cut NW Corner Inlet W.  
Side of Perimeter. Sta. 0+986.97  
36.21 m Rt. Elev=61.263

**Utility Owners**  
T - Southwestern Bell Telephone Co.  
G - Kansas Gas Service  
SS & W - City of Wichita Water & Sewer Dept.  
OHE - KG&E  
SWS - City of Wichita Stormwater Utility  
TV - Cox Communications

1-800-734-7590  
(316)-383-8600  
(316)-268-4940  
(316)-383-8600  
(316)-268-4071  
(316)-263-2061

| KANSAS DEPARTMENT OF TRANSPORTATION                   |                 |  |               |  |
|-------------------------------------------------------|-----------------|--|---------------|--|
| 21ST STREET NORTH<br>STA. 0+840 TO STA. 0+990         |                 |  |               |  |
| PROJ. NO. 87-N-0200-01                                |                 |  |               |  |
| MKEC ENGINEERING CONSULTANTS, INC.<br>WICHITA, KANSAS |                 |  |               |  |
| DESIGNED BY: DFL                                      | CHECKED BY: GJA |  |               |  |
| DRAWN BY: GJR                                         | DATE: JUNE 2001 |  | SHEET 4 OF 78 |  |