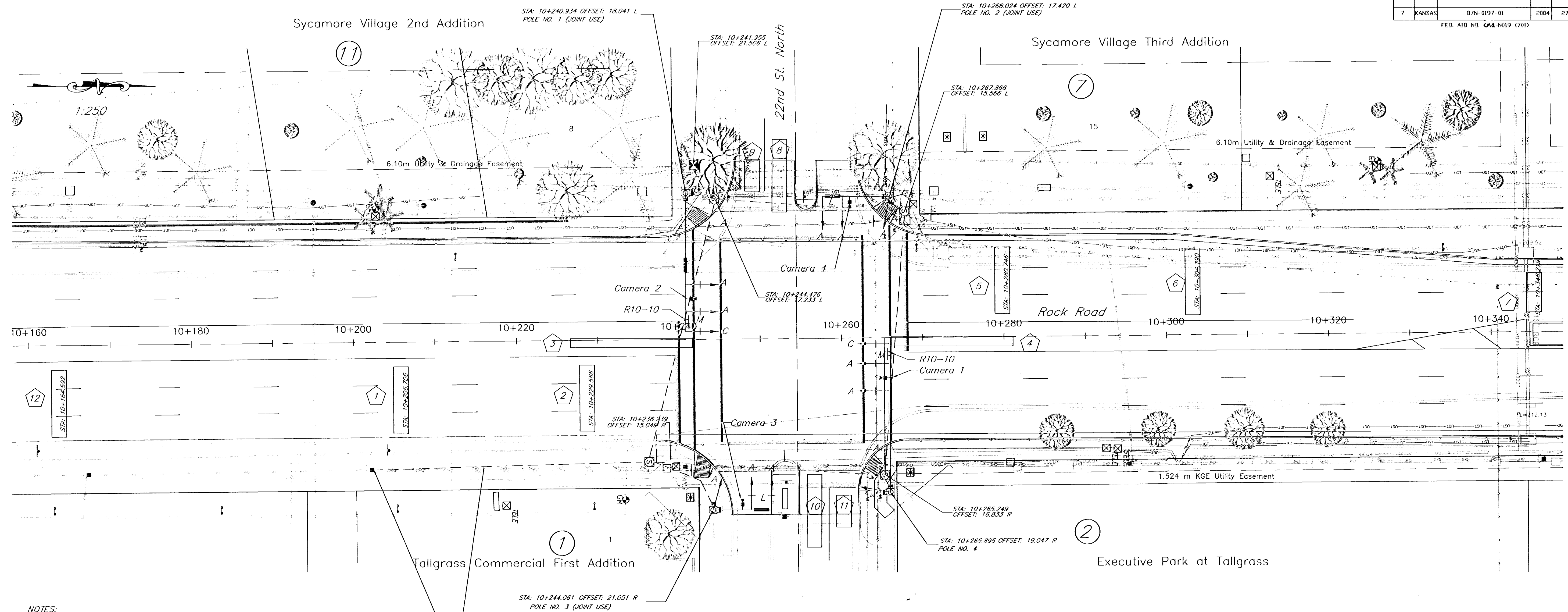


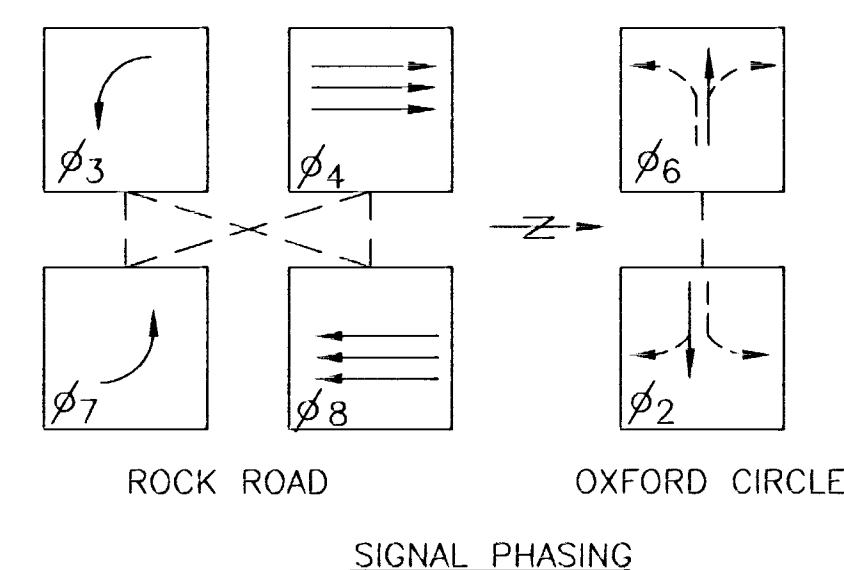
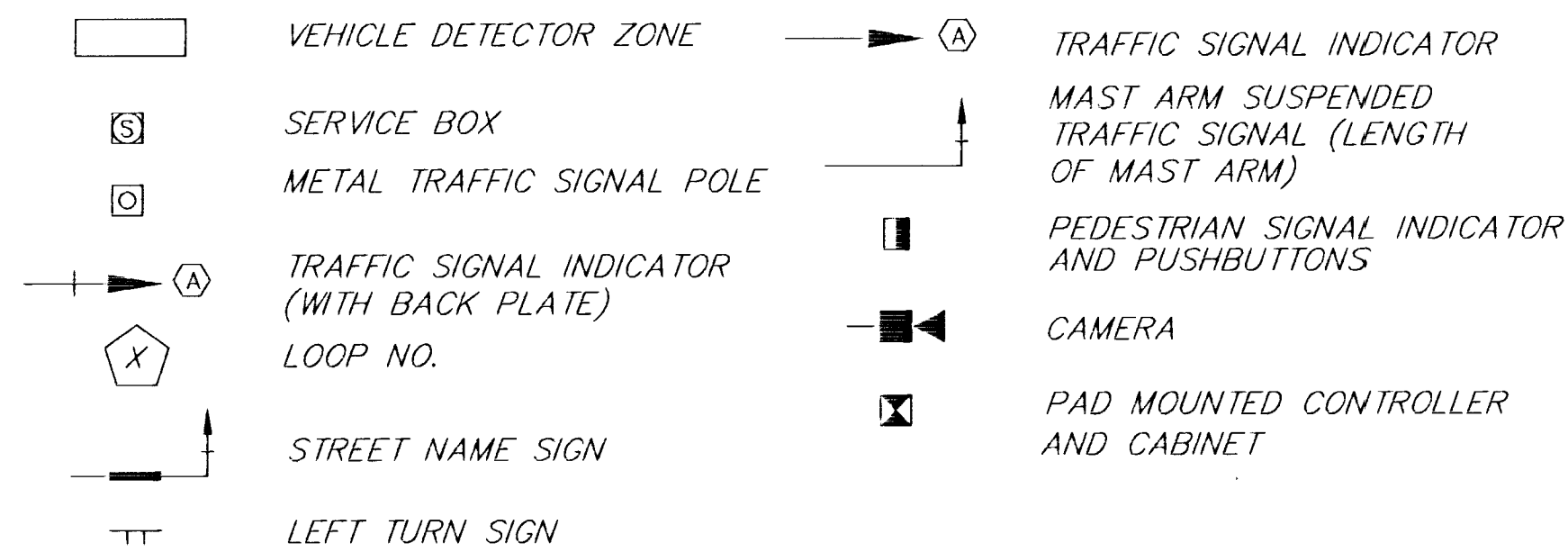


# NOTES:

- Contractor shall remove and deliver to CMF, 1801 S. McLean for City of Wichita existing signals, signal poles, controller, cabinet, and manhole covers. Contractor shall notify Traffic Engineering Department two weeks prior to start of construction. Delivery of salvageable items is non-participating.
- Traffic to be carried through construction. See Construction Traffic Control Plan.
- Contractor shall contact all utility companies which may be affected by this construction prior to beginning of construction.
- Service Box, Junction Box and conduit runs are typical only and should be adjusted during installation to clear obstructions and facilitate wiring.
- The traffic signal system shall be complete and the Contractor shall furnish and install all equipment necessary for the satisfactory operation of electrical apparatus and for the complete operation of traffic signal system whether specifically mentioned or not.

Contractor to install 50 mm conduit to power pole at southeast corner of 22nd St. N and Rock Rd, Sta 10+202.140 15.72 m RT. Install riser at pole and OH splice kit.

# LEGEND:



# DETECTORS/ZONES

| LOOP NO. | SIZE          | CAMERA | MOVEMENT CALLED |
|----------|---------------|--------|-----------------|
| 1        | 1.8 m x 8.2 m | 1      | 4               |
| 2        | 1.8 m x 8.2 m | 1      | 4               |
| 3        | 1.8 m x 15 m  | 1      | 7               |
| 4        | 1.8 m x 15 m  | 2      | 3               |
| 5        | 1.8 m x 8.2 m | 2      | 8               |
| 6        | 1.8 m x 8.2 m | 2      | 8               |
| 7        | 1.8 m x 5 m   | 2      | 8               |
| 8        | 1.8 m x 9 m   | 3      | 2               |
| 9        | 1.8 m x 9 m   | 3      | 2               |
| 10       | 1.8 m x 4 m   | 4      | 6               |
| 11       | 1.8 m x 4 m   | 4      | 6               |
| 12       | 1.8 m x 8.2 m | 1      | 4               |

| "MAPIT PROGRAM" |   |       |    |    |     |   |    |    |     |            | NORMAL DISPLAY |             |   |   |   |   |   |   |   |   |   |
|-----------------|---|-------|----|----|-----|---|----|----|-----|------------|----------------|-------------|---|---|---|---|---|---|---|---|---|
| INTERVAL        |   | PHASE |    |    |     |   |    |    |     | TIME CLOCK |                | FEATURES    |   |   |   |   |   |   |   |   |   |
|                 |   | 1     | 2  | 3  | 4   | 5 | 6  | 7  | 8   |            |                | C           | F | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| MAX             | 0 |       | 30 | 30 | 80  |   | 30 | 30 | 80  | 0          | YEAR           | VEH. RECALL |   |   |   |   |   |   |   |   |   |
| MAX 2           | 1 |       | 30 | 30 | 80  |   | 30 | 30 | 80  | 1          | MONTH          | PED. RECALL |   |   |   |   |   |   |   |   |   |
| WALK            | 2 |       | 5  | 5  | 5   |   | 5  | 5  | 5   | 2          | DAY / MONTH    | RED LOCK    |   |   |   |   |   |   |   |   |   |
| FL. DW.         | 3 |       | 15 |    | 20  |   | 15 |    | 20  | 3          | DAY / WEEK     | YELLOW LOCK |   |   |   |   |   |   |   |   |   |
| MAX. INTL.      | 4 | 6     | 6  | 6  | 10  |   | 6  | 6  | 10  | 4          | HOUR           | PERMIT      |   |   |   |   |   |   |   |   |   |
| MIN. GREEN      | 5 |       | 5  | 5  | 8   |   | 5  | 5  | 8   | 5          | MINUTE         | PED. PHASES |   |   |   |   |   |   |   |   |   |
| TBR             | 6 |       | 1  | 1  | 15  |   | 1  | 1  | 15  | 6          | SECOND         | LEAD PHASES |   |   |   |   |   |   |   |   |   |
| YTR             | 7 |       | 1  | 1  | 25  |   | 1  | 1  | 25  | 7          |                | DBL. ENTRY  |   |   |   |   |   |   |   |   |   |
|                 | 8 |       |    |    |     |   |    |    |     | 8          |                | SEQUENTIAL  |   |   |   |   |   |   |   |   |   |
| PASSAGE         | 9 |       | 1  | 1  | 2.0 |   | 1  | 1  | 2.0 | 9          |                | STARTUP     |   |   |   |   |   |   |   |   |   |
| MIN. GAP        | A |       | 1  | 1  | 2.0 |   | 1  | 1  | 2.0 | A          |                | OVERLAP A   |   |   |   |   |   |   |   |   |   |
| ADD ACT         | B |       | 1  | 1  | 2.0 |   | 1  | 1  | 2.0 | B          |                | OVERLAP B   |   |   |   |   |   |   |   |   |   |
| YELLOW          | C |       | 3  | 3  | 4.0 |   | 3  | 3  | 4.0 | C          |                | OVERLAP C   |   |   |   |   |   |   |   |   |   |
| RED CLR.        | D |       | 1  | 1  | 1.5 |   | 1  | 1  | 1.5 | D          |                | OVERLAP D   |   |   |   |   |   |   |   |   |   |
| RED REV.        | E |       |    |    |     |   |    |    |     | E          |                | EXCLUSIVE   |   |   |   |   |   |   |   |   |   |
| WALK II         | F |       |    |    |     |   |    |    |     | F          |                | SIM GAP     |   |   |   |   |   |   |   |   |   |

\*10 SEC. DELAY ON RIGHT TURN LOOPS

INTERSECTION 10 #

# Rock Road-21st Street North to 29th Street North Rock Road & 22nd St. N. Signal Plan City of Wichita

**kemiller**  
engineering

516 S. Market,  
Wichita, KS 67202

316/264-0242

PROJECT NUMBER  
472-83889

| DESIGN        | DRAWN        | DATE    | SHEET |
|---------------|--------------|---------|-------|
| KEM NO. 02042 | FILE signal1 | 08/2002 | 27    |
|               |              | 12/2003 | OF 51 |