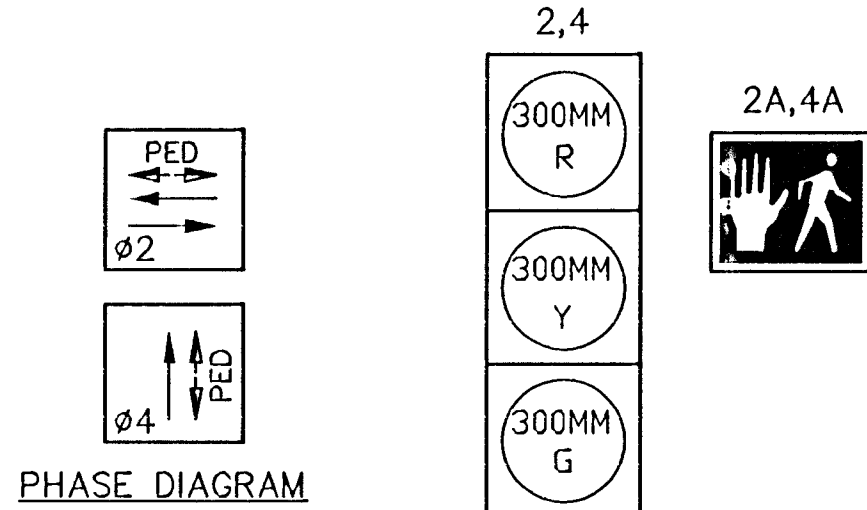


## TYPE 170 CONTROLLER SETTINGS

| "WAPITI 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     | 0   | 40  | 0   | 30  | 0   | 0   | 0   | 0          | YEAR           | VEH RECALL  | X | X |   |   |   |   |   |   |
| MAX 2            | 1     | 0   | 40  | 0   | 30  | 0   | 0   | 0   | 1          | MONTH          | PED RECALL  | X | X |   |   |   |   |   |   |
| WALK             | 2     | 0   | 19  | 0   | 7   | 0   | 0   | 0   | 2          | DAY/MONTH      | RED LOCK    |   |   |   |   |   |   |   |   |
| FL DW            | 3     | 0   | 12  | 0   | 12  | 0   | 0   | 0   | 3          | DAY/WEEK       | YEL LOCK    |   |   |   |   |   |   |   |   |
| MAX INIT.        | 4     | 0   | 31  | 0   | 19  | 0   | 0   | 0   | 4          | HOUR           | Ø PERMIT    | X | X |   |   |   |   |   |   |
| MIN GREEN        | 5     | 0   | 30  | 0   | 18  | 0   | 0   | 0   | 5          | MINUTE         | PED PHASES  | X | X |   |   |   |   |   |   |
| TBR              | 6     | 0   | 0   | 0   | 30  | 0   | 0   | 0   | 6          | SECOND         | LEAD PHASES | X | X | X | X |   |   |   |   |
| TTR              | 7     | 0   | 0   | 0   | 30  | 0   | 0   | 0   | 7          |                | DBL ENTRY   |   |   |   |   |   |   |   |   |
|                  | 8     |     |     |     |     |     |     |     | 8          |                | SEQUENTIAL  |   |   |   |   |   |   |   |   |
| PASSAGE          | 9     | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 9          |                | START UP    |   |   |   |   |   |   |   |   |
| MIN GAP          | a     | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | a          |                | OVERLAP A   |   |   |   |   |   |   |   |   |
| ADD ACT          | b     | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | b          |                | OVERLAP B   |   |   |   |   |   |   |   |   |
| YELLOW           | c     | 0.0 | 3.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | c          |                | OVERLAP C   |   |   |   |   |   |   |   |   |
| RED CLR          | d     | 0.0 | 1.0 | 0.0 | 0.0 | 0.0 | 0.0 | 1.0 | d          |                | OVERLAP D   |   |   |   |   |   |   |   |   |
| RED REV          | e     | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | e          |                | EXCLUSIVE   |   |   |   |   |   |   |   |   |
| WALK II          | f     | 0   | 0   | 0   | 0   | 0   | 0   | 0   | f          |                | SIM GAP     |   |   |   |   |   |   |   |   |



| TRAFFIC SIGNAL POLE SUMMARY |          |             |        |            |       |    |             |     |                   |       |         |
|-----------------------------|----------|-------------|--------|------------|-------|----|-------------|-----|-------------------|-------|---------|
| POLE NO.                    | STATION  | OFFSET/SIDE | TYPE ① | ARM LENGTH | X1    | X2 | ARM BRACKET |     | POLE BRACKET TYPE |       | REMARKS |
|                             |          |             |        |            |       |    | TYPE        | NO. |                   |       |         |
| 1                           | 30+008.2 | 9.77m Lt.   | C      | 8.0m       | 3.05m | —  | 1           | 2   | III/II            | ② ④   |         |
| 2                           | 30+008.9 | 9.31m Rt.   | C      | 12.0m      | 3.35m | —  | 1           | 2   | III/II            | ④     | —       |
| 3                           | 29+992.4 | 10.18m Rt.  | C      | 7.0m       | 3.05m | —  | 1           | 2   | III/II            | ② ③ ④ | —       |
| 4                           | 29+992.2 | 8.19m Lt.   | D      | —          | —     | —  | —           | —   | II                | —     | —       |
| —                           | —        | —           | —      | —          | —     | —  | —           | —   | —                 | —     | —       |

- ① A - Pedestal Pole (4.5m [15'] Aluminum)  
B - Pole (6.0m [20'] Steel with Mast Arm)  
C - Joint use Pole (9.1m [30'] Steel with Mast Arm)  
D - Joint use Pole (9.1m [30'] Steel)

- ② R6-1 Sign  
③ Meter & Controller Pole Mounted  
④ Street Name Sign

## LEGEND

| Proposed | Existing |                                    |
|----------|----------|------------------------------------|
| ☒        | ☒        | Traffic Signal Controller          |
| ➔        | ➔        | Signal Traffic Head                |
| ⊢➔       | ⊢➔       | Signal Traffic Head with Backplate |
| ⊙        | ⊙        | Pedestrian Signal Head             |
| ⊙        | ⊙        | Traffic Signal Pole                |
| ☀        | ☀        | Luminaire                          |
| Ⓢ2       | Ⓢ2       | Movement Number                    |
| Ⓢ        | Ⓢ        | Pole Number                        |
| Ⓢ        | Ⓢ        | Street Name Sign                   |
| ☐        | ☐        | Signal Service Box                 |
| ☐        | ☐        | Westar Energy Manhole              |
| •        | •        | Westar Energy Wood Pole            |
| ○        | ○        | Westar Energy Metal Pole           |
| •        | •        | SWB Wood Pole                      |
| ○        | ○        | City Metal Pole                    |
| FH       | FH       | Fire Hydrant                       |
| WV       | WV       | Water Valve                        |
|          |          | Pavement & Walk Removal            |

NOTES:  
Existing underground (U/G), overhead (O.H.) utilities and drainage structures have been plotted from available information and therefore, their locations must be considered approximate only. It is the responsibility of the individual contractors to exactly locate each utility before actual construction.

Poles to be galvanized prior to black powder coating. Joint-use poles are to be drilled for credenza fixture.

Communication Cable shall be pulled back to existing Westar Energy manhole. Contractor to install underground splice and re-route communication cable through new service box to new controller.

# Denotes #BAWG Equipment Ground  
\* For Street Lights (Wiring to be installed by Westar Energy)

## UTILITIES

|                    |                                 |
|--------------------|---------------------------------|
| Power              | KGE Electric                    |
| Telephone          | Southwestern Bell Telephone Co. |
| Cable TV           | Multimedia Cablevision          |
| Water              | City of Wichita                 |
| Sanitary Sewer     | City of Wichita                 |
| Gas                | Peoples Natural Gas             |
| Telecommunications | Wichita Public Schools          |

## CONSTRUCTION NOTES:

- ▽ Power currently supplied to existing service box. Contractor to extend conduit into proposed service box for hook-up.

- ▽ Contractor to install new screw-in base for street light pole and install 50mm PVC from base to proposed service box.

METER ADDRESS:

201 E. Lewis

|     |            |                         |     |       |
|-----|------------|-------------------------|-----|-------|
| 3   | 06/25/2002 | PER CITY/ KDOT COMMENTS | RLC | SAC   |
| 2   | 05/22/2002 | PER CITY/ KDOT COMMENTS | JDB | SAC   |
| 1   | 02/01/2002 | PER CITY/ KDOT COMMENTS | JDB | SAC   |
| NO. | DATE       | REVISIONS               | BY  | APP'D |

CITY OF WICHITA, KANSAS  
SEDGWICK COUNTY  
TRAFFIC SIGNAL PLAN  
MARKET & LEWIS

PROJECT NO. 472-83419

**GBA** GEORGE BUTLER ASSOCIATES, INC.  
Engineers - Architects

|          |     |         |     |           |               |
|----------|-----|---------|-----|-----------|---------------|
| DESIGNED | SAC | CHECKED | SAC | PROJ. NO. | 9674.00       |
| DRAWN    | JDB |         |     | DATE      | Dec. 10, 2001 |