

Ø6

Ø7 Ø8 1 or 2

DETECTOR LOGIC

| DETECTOR NUMBER | DETECTOR RACK CHANNEL | DETECTOR OPERATION | | | | | | | | | |
|--------------------|-----------------------------|-------------------------|---------------|-----------------|-----------------|-------------------|---------------------------------|------------------|----------------------|----------------|--------------------|
| | | CALLS AND EXTENDS | CALLS ONLY | EXTENDS ONLY | PHASE CALLED | PHASE EXTENDED | DETECTOR DISCONNECT PHASE | CALLING DELAY | EXTENSION STRETCH | SIZE (feet) | NUMBER OF TURNS |
| 11 | 3 | х | | | 1 | 1 | | | | 6×30 | 2 |
| 12 | 4 | × | | | 1 | 1 | | | | 6×20 | 2 |
| 21 | 1 | × | | | 2 | 2 | | | | 6X10 | 5 |
| 41 | 7 | × | | | 4 | 4 | | | | 5×30 | 2 |
| 42 | 8 | × | | | 4 | 4 | | | | 5×30 | 3 |
| 61 | 5 | х | | | 6 | 6 | | | | 6×10 | 4 |
| | | | | | | | | | | | |

CONTROLLER LOGIC

| PHASE NUMBER | PHASE LOCKING | DUAL ENTRY W / Ø | PHASE RECALL | PHASE ACTIVE |
|-----------------|------------------|------------------------|-----------------|-----------------|
| 1 | | | | YES |
| 2 | | | MIN. | YES |
| 3 | | | | |
| 4 | | | | YES |
| 5 | | | | |
| 6 | | | MIN. | YES |
| 7 | | | | |
| 8 | | | | |



| TYPE OF INTERCONNECT COMMUNICA | ATION |
|--------------------------------|-------|
| NONE | |
| TBC | Х |
| CLOSED LOOP TWISTED PAIR* | |
| CLOSED LOOP FIBER OPTIC* | |
| RADIO | |
| *LOCATION OF MASTER | |
| CONTROLLER NO: S- | |
| SIGNAL SYSTEM #: SS- | |

| TYPE OF COORDINATION | |
|----------------------|---|
| | |
| NONE | |
| TBC | X |
| | |
| TRAFFIC RESPONSIVE | |
| ADAPTIVE | |
| | |

| × | |
|---|---|
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | |
| | X |

| TYPE OF LIGHTING | |
|----------------------------------|---|
| BY OTHER AGENCY | |
| IN TRAFFIC SIGNAL CABINET | × |
| IN SEPARATE DOT LIGHTING CABINET | |
| | |

GENERAL NOTES:

- 1. ANY ACTUATED PHASE FOR WHICH THERE IS NO CALL SHALL BE SKIPPED.
- 2. WHEN ONE PHASE IS ON ALONE, ANY NON-CONFLICTING PHASE MAY START TIMING CONCURRENTLY WITHOUT A CLEARANCE INTERVAL. (SEE CHART 1)
- 3. IF ANY OPPOSING THRU PHASES ARE TIMING CONCURRENTLY, THEY SHALL TERMINATE TOGETHER DUE TO PERMISSIVE LEFT TURN CONFLICT.
- 4. PROVIDE FOR HAND CONTROL.

Updated 10-8-2013

TRAFFIC CONTROL SIGNALS

IH 43 & CTH JJ (west)
VILLAGE OF BELLEVUE
BROWN COUNTY

SIGNAL NO. 760

CONTOLLER TYPE: EPAC TS2

DATE: 12-29-2009

PAGE NO. 2 OF 2

PROJECT NO: 0083-03-01 HWY: IH 43 COUNTY: BROWN SEQUENCE OF OPERATIONS S-760 SHEET NO: