

PROJECT NO: 3700-30-17

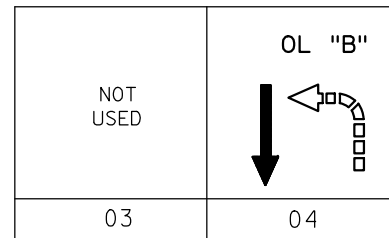
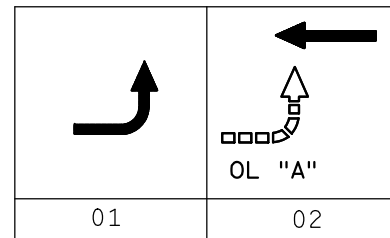
HWY: STH 15

COUNTY: OUTAGAMIE

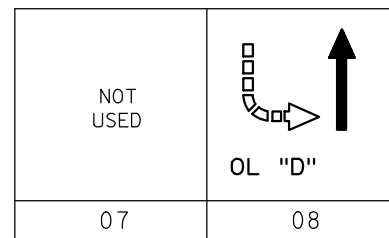
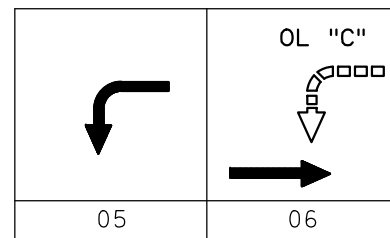
TRAFFIC CONTROL SIGNAL S44-1051

SHEET

RING 1



RING 2



BARRIER

CONTROLLER LOGIC

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

OVERLAP SPECIAL

| | Protected | Permissive |
|--------|-----------|------------|
| OL "A" | 1 | 2 |
| OL "B" | 3 | 4 |
| OL "C" | 5 | 6 |
| OL "D" | 7 | 8 |



| TYPE OF INTERCONNECT/COMMUNICATION | |
|------------------------------------|---------|
| CELL MODEM | |
| CLOSED LOOP | |
| TWISTED PAIR* | |
| FIBER OPTIC* | |
| FIBER OPTIC (ETHERNET) | |
| RADIO | |
| *LOCATION OF MASTER CONTROLLER NO: | S- ---- |
| SIGNAL SYSTEM #: | SS0000 |

TYPE OF COORDINATION

| | |
|--------------------|---|
| NONE | |
| TBC | X |
| TRAFFIC RESPONSIVE | |
| ADAPTIVE | |

TYPE OF PRE-EMPT

| | |
|-------------------|---|
| NONE | |
| RAILROAD | |
| EMERGENCY VEHICLE | |
| 3M | X |
| TOMAR | |
| HARDWIRE | |
| OTHER | |
| LIFT BRIDGE | |
| QUEUE DETECTOR | |

TYPE OF LIGHTING

| | |
|----------------------------------|---|
| BY OTHER AGENCY | |
| IN TRAFFIC SIGNAL CABINET | X |
| IN SEPARATE DOT LIGHTING CABINET | |

DETECTOR LOGIC

RACK # 1

| | | | | | | | | |
|-------------------------|-----|-----|-----|---|-----|-----|----|----|
| DETECTOR CHANNEL | 3 | 1 | 7 | 5 | 11 | 9 | 15 | 13 |
| PLAN LOOP DETECTOR *(S) | 11 | 21 | 23 | | 41 | 43 | | |
| ASSIGNED PHASE | 1 | 2 | 2 | | 4 | 4 | | |
| OPERATION MODE | Veh | Veh | Veh | | Veh | Veh | | |
| SWITCH TO PHASE | | | | | | | | |
| EXTEND | | | | | | | | |
| DELAY | | | | | YES | YES | | |
| DETECTOR CHANNEL | 4 | 2 | 8 | 6 | 12 | 10 | 16 | 14 |
| PLAN LOOP DETECTOR *(S) | 12 | 22 | | | 42 | | | |
| ASSIGNED PHASE | 1 | 2 | | | 4 | | | |
| OPERATION MODE | Veh | Veh | | | Veh | | | |
| SWITCH TO PHASE | | | | | | | | |
| EXTEND | | YES | | | | | | |
| DELAY | | | | | | | | |

RACK # 2

| | | | | | | | | |
|-------------------------|-----|-----|-----|----|-----|-----|----|----|
| DETECTOR CHANNEL | 19 | 17 | 23 | 21 | 27 | 25 | 31 | 29 |
| PLAN LOOP DETECTOR *(S) | 51 | 61 | 63 | | 81 | 83 | | |
| ASSIGNED PHASE | 5 | 6 | 6 | | 8 | 8 | | |
| OPERATION MODE | Veh | Veh | Veh | | Veh | Veh | | |
| SWITCH TO PHASE | | | | | | | | |
| EXTEND | | | | | | | | |
| DELAY | YES | YES | | | | | | |
| DETECTOR CHANNEL | 20 | 18 | 24 | 22 | 28 | 26 | 32 | 30 |
| PLAN LOOP DETECTOR *(S) | 52 | 62 | | | 82 | | | |
| ASSIGNED PHASE | 5 | 6 | | | 8 | | | |
| OPERATION MODE | Veh | Veh | | | Veh | | | |
| SWITCH TO PHASE | | | | | | | | |
| EXTEND | | YES | | | | | | |
| DELAY | | | | | | | | |

REVISION 2

STH 15 & MAYFLOWER DRIVE
TOWN OF GRAND CHUTE
OUTAGAMIE COUNTY

SIGNAL NO. 44-1051

CABINET: EPAC

CONTROLLER: TS2

DATE: 2/8/17

PAGE NO. 2 OF 2

PROJECT NO: 3700-30-17

HWY: STH 15

COUNTY: OUTAGAMIE

SEQUENCE OF OPERATIONS S44-1051

SHEET NO: