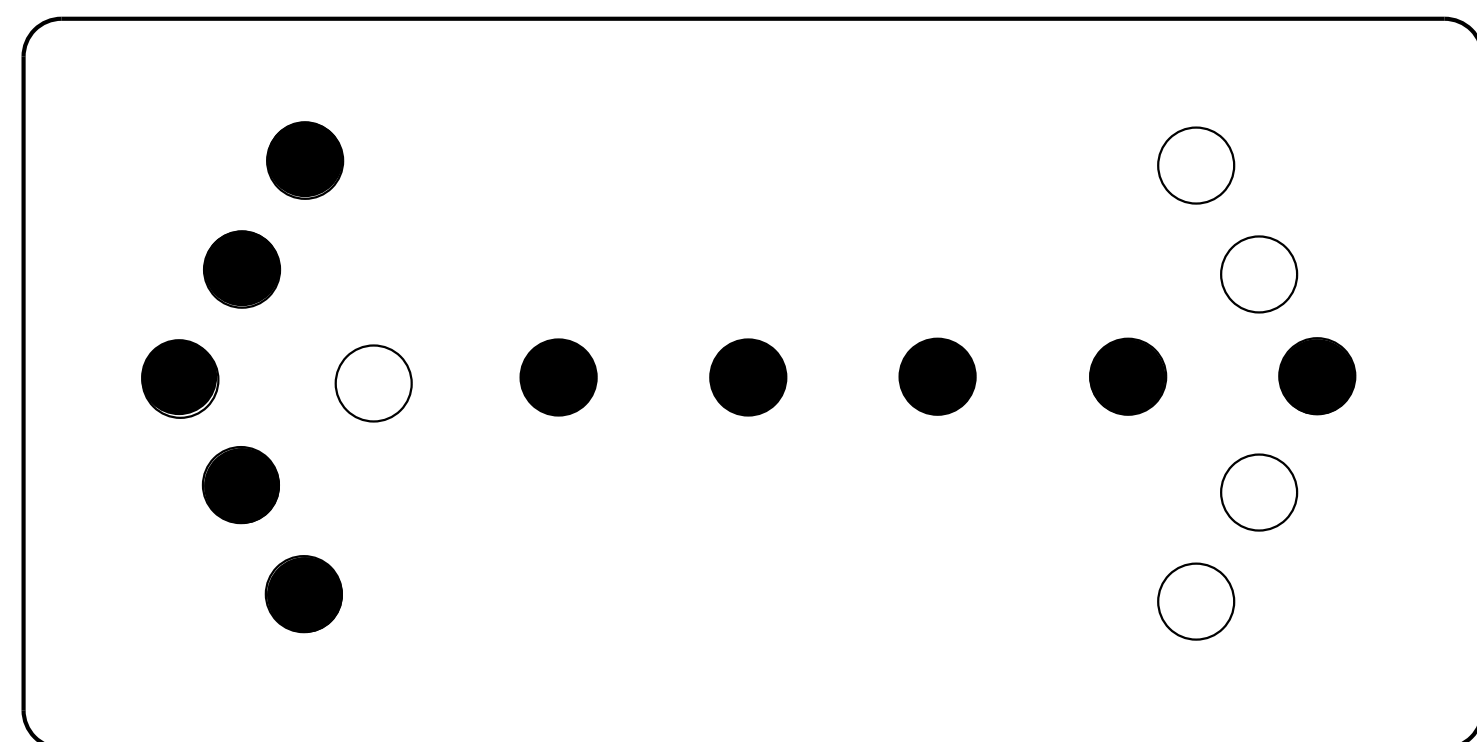
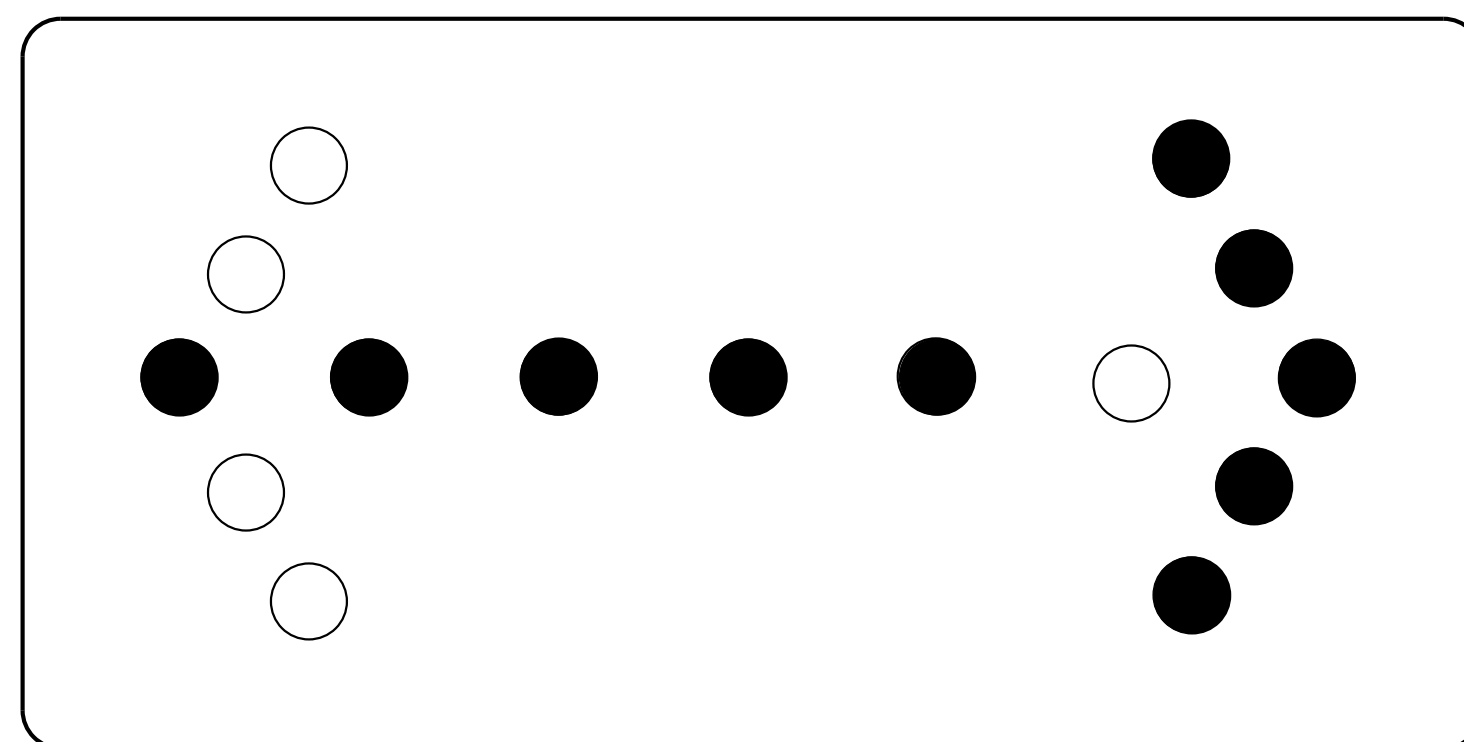


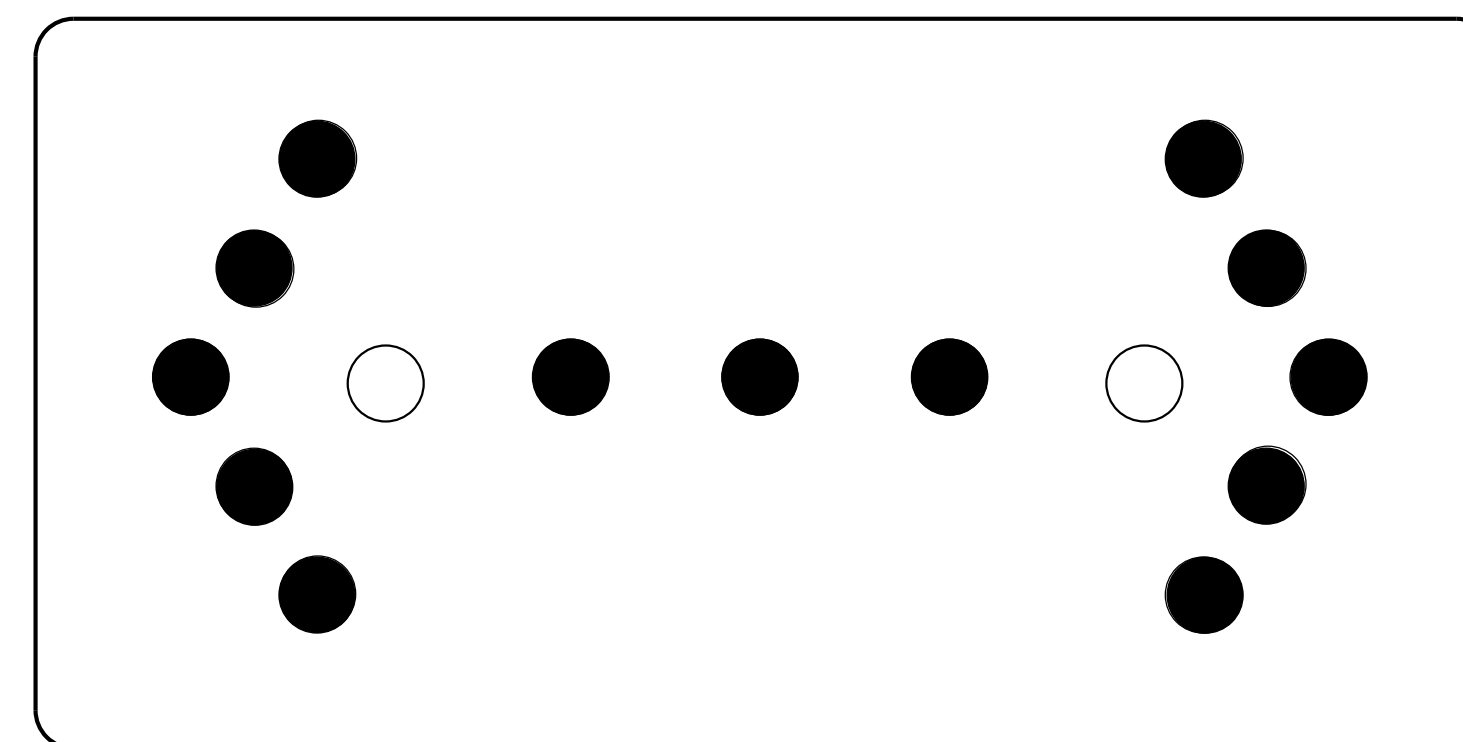
10/14/2019 7:13:33 AM P:\StandDraw\DESIGN STANDARDS\Standards Drawings Library\Standard Roadway Drawings - CURRENT\In Progress\170.00 Design - Traffic Control IP\TWFAB1-20190628.dgn



LEFT ARROW

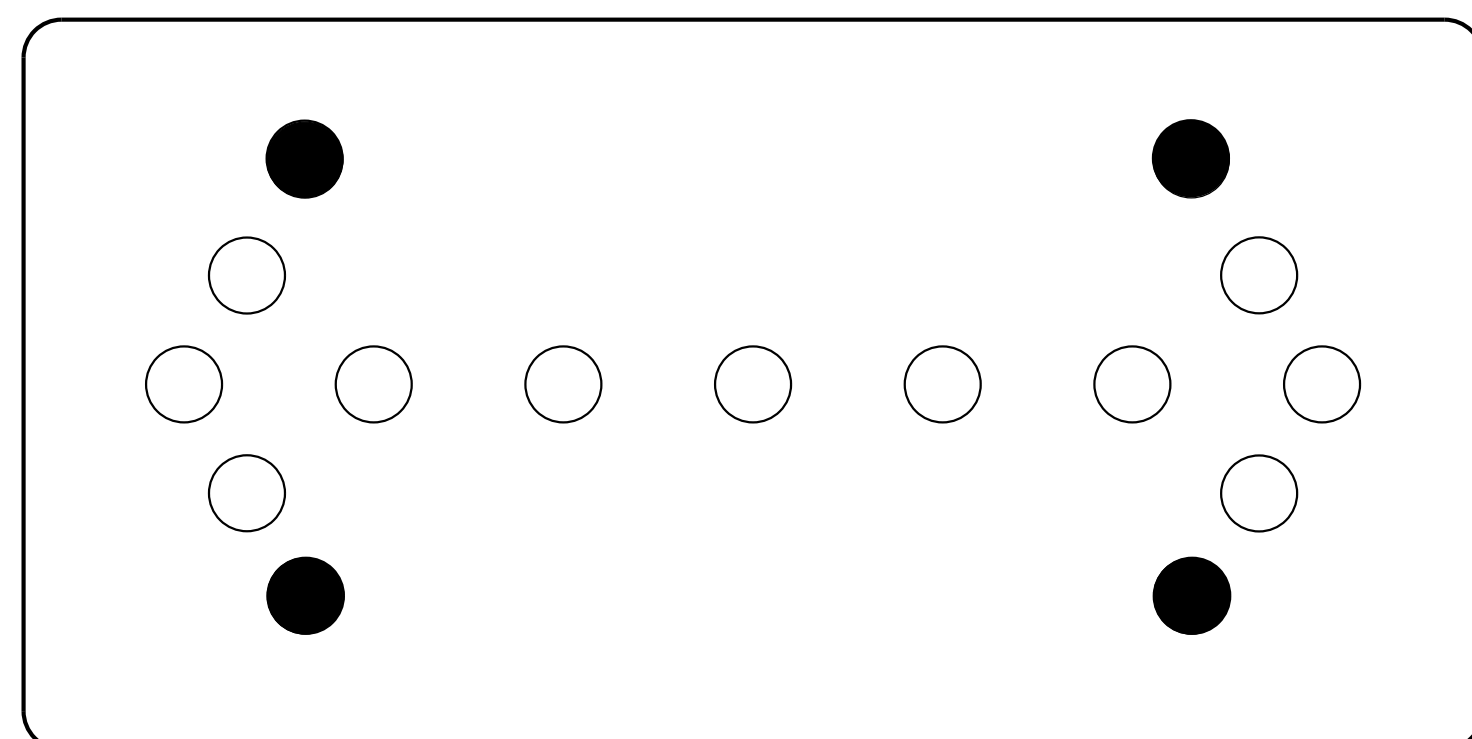


RIGHT ARROW



DOUBLE ARROW

ARROW CONFIGURATIONS



WARNING CONFIGURATION

7'-0" MINIMUM  
VERTICAL CLEARANCE  
(TYPICAL FOR ALL ARROW BOARDS)

PAVEMENT

| DESCRIPTION |   |
|-------------|---|
| (A)         | THE FLASHING YELLOW ARROW BOARD SHALL BE USED TO SIGNAL, CONTROL, AND DIRECT VEHICULAR TRAFFIC BOTH DAY AND NIGHT FOR EXTENDED PERIODS OF TIME.   |
| (B)         | THE 48" x 96" SIGN PANEL SHALL CONTAIN 15 HOODED LAMPS. THE SIGN PANEL SHALL BE CAPABLE OF DISPLAYING THE FOLLOWING ACTUATED ARROW CONFIGURATIONS: RIGHT ARROW; 10 LAMPS FLASHING IN UNISON. LEFT ARROW; 10 LAMPS FLASHING IN UNISON. DOUBLE ARROW; 5 LAMPS IN EACH ARROW HEAD AND 3 LAMPS IN A COMMON SHAFT ALL FLASHING IN UNISON. SEQUENTIAL ARROW CONFIGURATIONS AND CHEVRON ARROW CONFIGURATIONS ARE NOT ALLOWABLE DISPLAYS. |
| (C)         | ARROW CONFIGURATIONS ARE USED FOR LANE CLOSURE SITUATIONS ONLY. THE WARNING CONFIGURATION SHALL BE FOUR CORNER LAMPS FLASHING IN UNISON. A HORIZONTAL BAR CONFIGURATION IS NOT AN ALLOWABLE DISPLAY.  |

| SPECIFICATIONS        |   |
|-----------------------|---|
| <b>SIGN PANEL</b>     |   |
| (1)                   | THE SIGN PANEL SIZE SHALL BE 48" HIGH x 96" LONG.   |
| (2)                   | THE YELLOW LAMPS SHALL BE FIVE INCH.  |
| (3)                   | EACH LAMP SHALL CONTAIN A HOOD.   |
| (4)                   | THE FINISH SHALL BE NON-REFLECTIVE BLACK.   |
| <b>CONTROL SYSTEM</b> |   |
| (1)                   | THE CONTROL SYSTEM SHALL CONTAIN THREE FLASHERS, THREE VOLTAGE DROPPING RESISTORS, AND THREE MODE (BRIGHT, DIM & AUTO) SELECTOR SWITCHES. THE PHOTO-CONTROLLED TRANSFER RELAY SHALL AUTOMATICALLY DIM ALL OPERATING LAMPS A MINIMUM OF 50% FROM THEIR RATED LAMP VOLTAGE WHEN AMBIENT LIGHT LEVEL DROPS BELOW 5 FOOT CANDLES AND AUTOMATICALLY INCREASE LAMP AND BRIGHTNESS AGAIN WHEN AMBIENT LIGHT LEVEL INCREASES TO 5 FOOT CANDLES. |
| (2)                   | FLASH RATE 25 TO 40 FLASHES PER MINUTE.   |
| (3)                   | "ON" TIME - 50% OF CYCLE.   |
| <b>POWER SUPPLY</b>   |   |
| (1)                   | THE POWER SUPPLY SHALL BE SUFFICIENT TO ADEQUATELY MEET THE POWER REQUIREMENTS OF THE SYSTEM AT ALL TIMES DURING OPERATION.   |
| (2)                   | DIESEL/GENERATOR POWERED UNITS SHALL INCLUDE A DRIP PAN OR SIMILAR UTENSIL GASOLINE POWERED UNITS ARE NOT ALLOWED.  |

(Replaced Std Dwg T-FAB-1)

STATE OF TENNESSEE  
STANDARD  
DRAWING  
DEPARTMENT OF TRANSPORTATION

FLASHING  
YELLOW  
ARROW BOARD