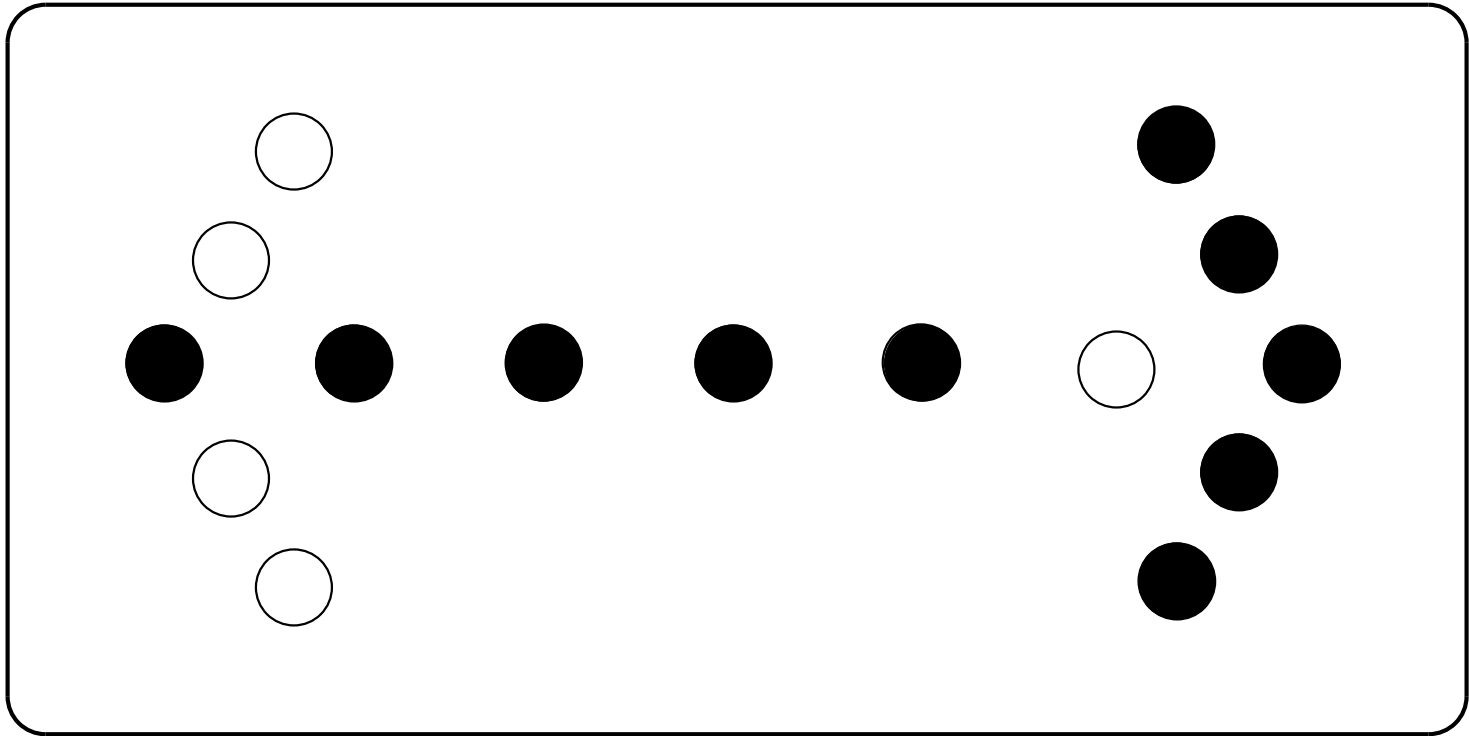
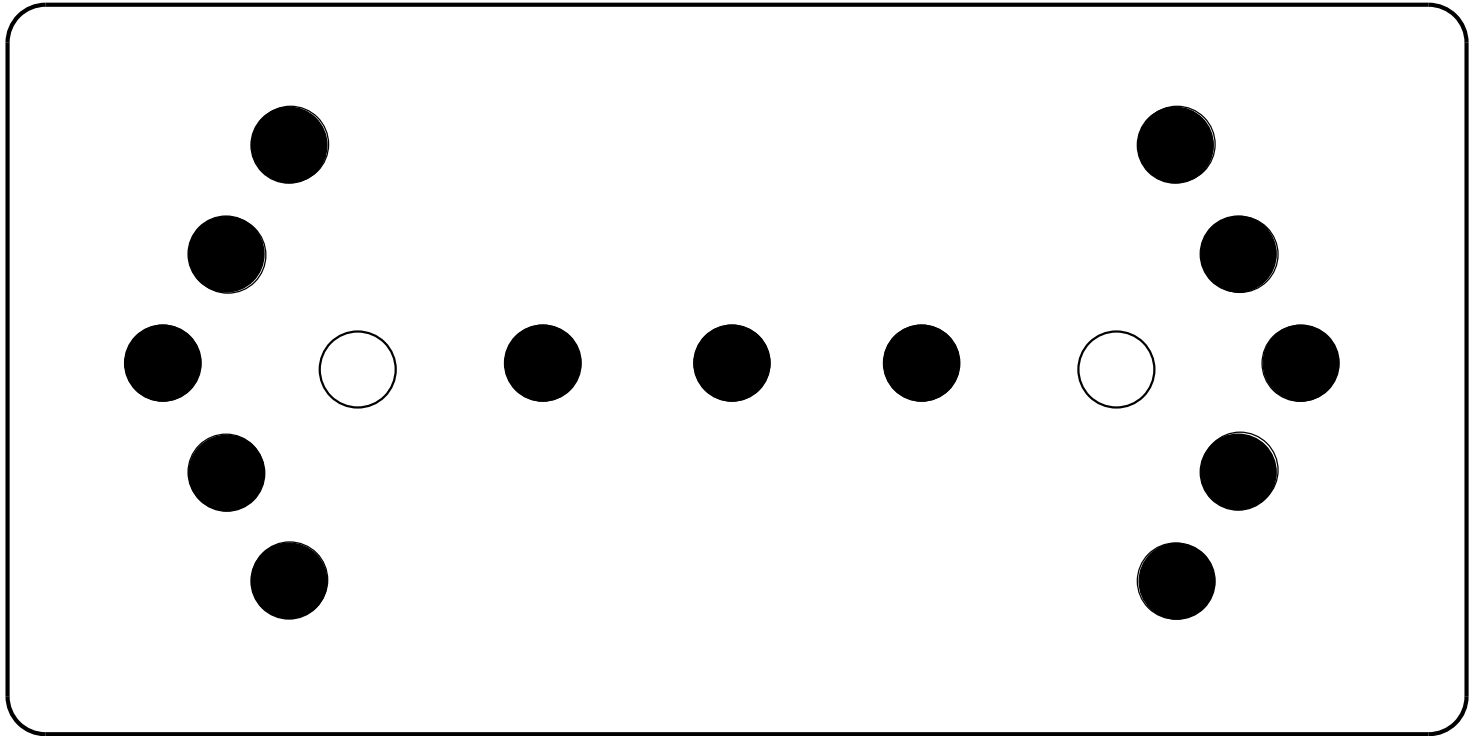


LEFT ARROW

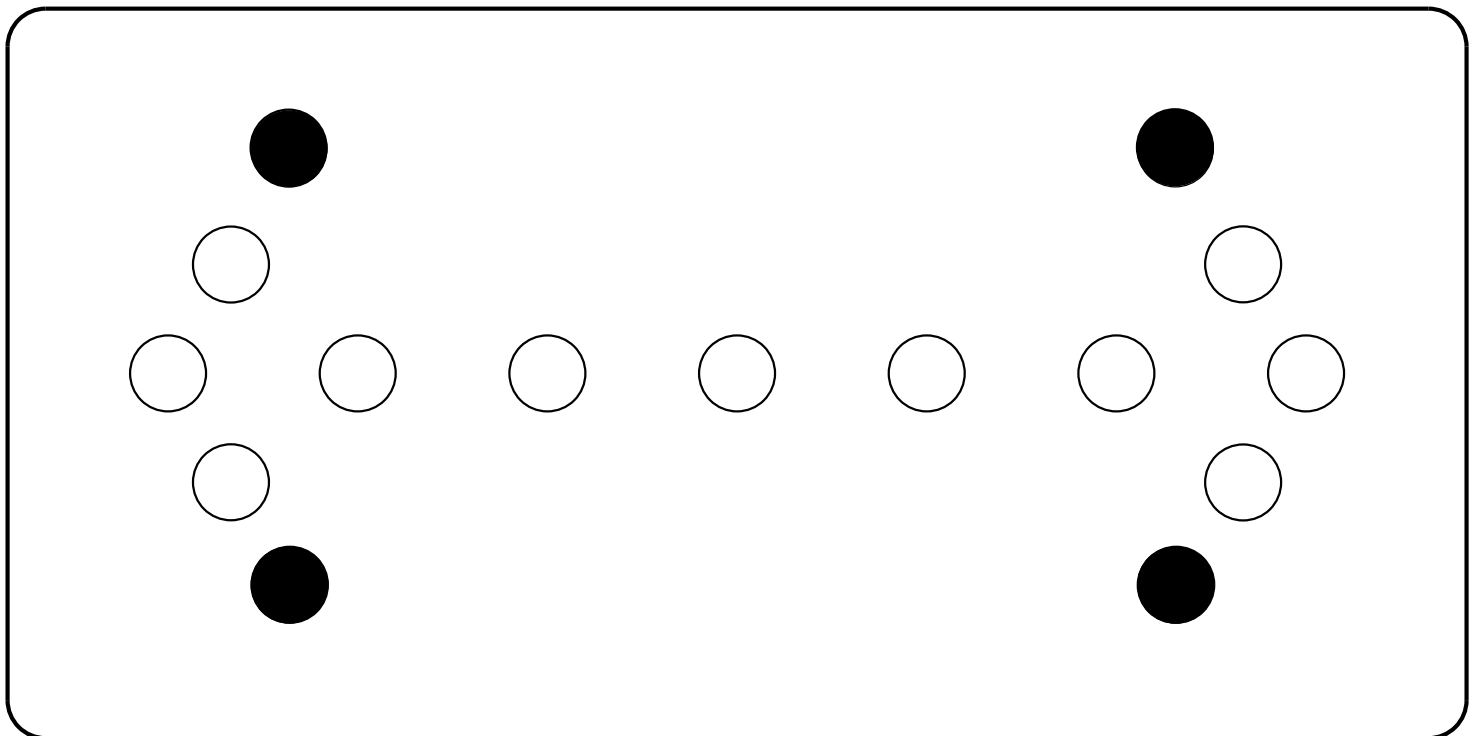


RIGHT ARROW



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	
SIGN PANEL	
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.
CONTROL SYSTEM	
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.
POWER SUPPLY	
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

06-28-2019T-WZ-FAB1