

SWARCO

# McCain BACKPLATE WITH REFLECTIVE BORDERS



The McCain Backplate with Reflective Borders provides visual contrast between signal heads and enhance signal visibility for the driver. The reflective borders, through the use of retroreflective tape, provide an aesthetically pleasing and functional look while increasing traffic safety at intersections. The Federal Highway Administration approved the use of retroreflective tape after a seven-year safety study showed that the use of retroreflective backplate borders reduced total crashes at intersections by 15% to 24%.



3-Section louvered backplate

## KEY FEATURES AND BENEFITS

- Enhance signal visibility
- Boost driver awareness
- Command attention with retroreflective tape border
- Compatible with most standard signals

## PRODUCT DESCRIPTION

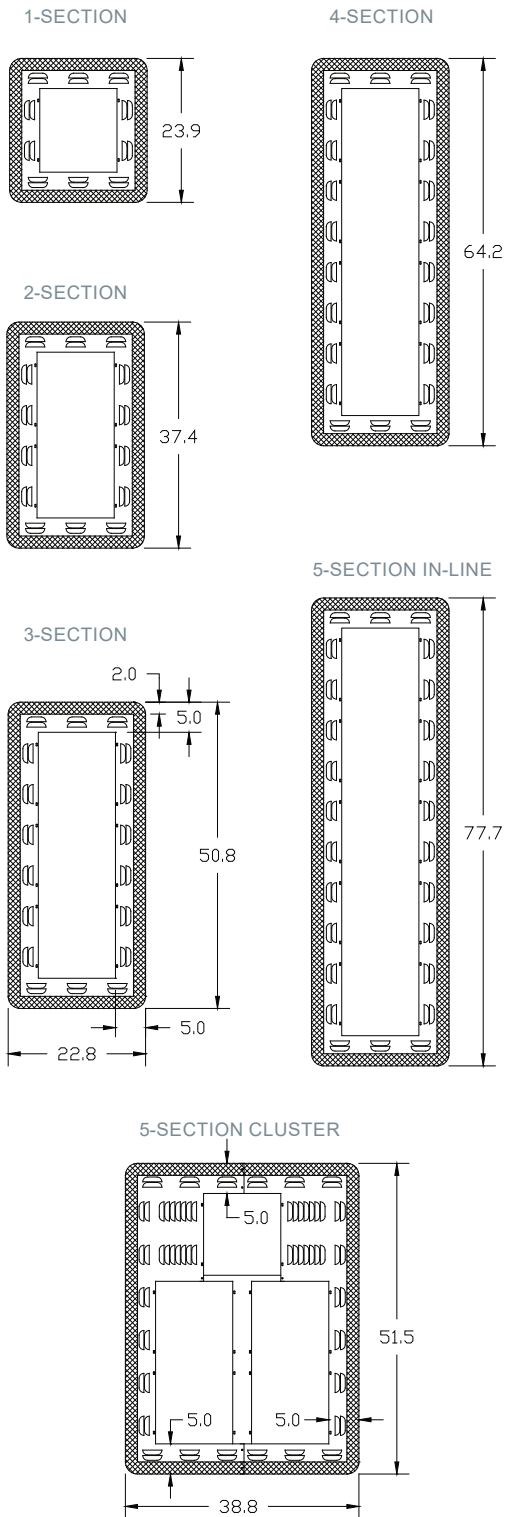
The McCain Backplate with Reflective Borders is designed for standard traffic signals and fit both 8" and 12" signal heads. The backplate is fabricated from aluminum or polycarbonate, and have five-inch borders. The backplate accommodates retroreflective tape widths of one, two, or three inches.

The McCain Backplate with Reflective Borders can be configured for one-section to five-section in-line, or five-section cluster signals. All in-line backplates are fabricated from one solid piece of aluminum or polycarbonate. The five-section cluster backplate is a three-piece design.

The retroreflective tape is designed by 3M for vertical mounting and is available in multiple options.

# McCAIN BACKPLATE WITH REFLECTIVE BORDERS

## BACKPLATES WITH 2" TAPE<sup>1</sup>



## STANDARD FEATURES

- 1", 2", or 3" reflective tape border
- 1-section through 5-section in-line, and 5-section cluster configurations
- Aluminum: louvered, non-louvered; Polycarbonate: non-louvered
- Fits 8" and 12" signals
- 5" overall width

## GENERAL SPECIFICATIONS

Dimensions:	Varies based on signal configuration
Material:	Aluminum: 0.05" or 0.063" thick Polycarbonate: 0.10" thick
Finishes:	Aluminum: Powder coated Polycarbonate: Colored resin integral to housing
Colors:	Face: Flat black
Construction and Attachment:	Depends on style
Signal Mounting:	Elevator Plumbizer (MAS) and standard
Shipping Weight:	Varies based on signal configuration

## RETROREFLECTIVE TAPE SPECIFICATIONS

Type:	Prismatic, Series 3930, 3990, 4081
Colors:	Yellow or white
Width:	1", 2", or 3"
Manufacturer:	3M
Options:	3930 Series: High Intensity Prismatic Reflective Sheeting 3990 Series: Diamond Grade VIP Reflective Sheeting 4081 Series: Diamond Grade VIP Reflective Sheeting



Reflective tape,  
with louvers

<sup>1</sup>Drawing dimensions rounded to the nearest 0.1"