



# Install Reflective Panels on Sign Posts

*A strip of retroreflective material added to an existing sign post to enhance visibility of the sign during all lighting conditions.*



Source: Lee Engineering, LLC



Source: PennDOT

Red reflective panels on the STOP sign supports make the stop condition more conspicuous.



Source: SCDOT

Yellow reflective panels on the two sign supports call attention to the warning of the impending stop control.

## Targeted Crash Types

- Right-angle
- Rear-end (major road)
- Rear-end (minor road)
- Pedestrian
- Bicyclist

## Problems Addressed

- Inadequate visibility of intersection or intersection traffic control devices
- Non-compliance with intersection traffic control devices
- Vehicle conflicts with non-motorists
- Speeding

## Conditions Addressed

- Observed poor conspicuity of existing signs, particularly at night.
- Crash history or observed conflicts due to lack of awareness of the intersection or intersection traffic control, especially at night.
- Observations of non-compliance with intersection traffic control.

## Considerations

- Color of strip should match the color of the background color of the sign, except strip color on YIELD (R1-2) and DO NOT ENTER (R5-1) signs shall be red.
- The retroreflective strip shall be at least 2 inches wide and shall extend the entire length of the post to within 2 feet of the ground
- Remove any visual clutter that may be inhibiting driver's view of the existing sign.
- This treatment can be used in conjunction with other treatments to increase sign conspicuity.
- The reflective post coverings/inserts should be replaced at the same frequency of the sign faces.

## Industry Standard

MUTCD

[Section 2A.15: Enhanced Conspicuity for Standard Signs](#)

[Section 2A.21: Posts and Mountings](#)

## Other Resources

[South Carolina Case Study: Systematic Intersection Improvements, FHWA](#)

[Intersection Safety: A Manual for Local Rural Road Owners, FHWA](#)

## Select Examples

[Marsol Rd. & Woodhurst Ave., Mayfield Heights, OH](#)

[Bates Crossing Rd. & US 276, Travelers Rest, SC](#)

[Lake Iola Rd. & Blanton Rd., Dade City, FL](#)

