

## Barricade Leg Spring



### Description

Barricades come in two pieces, the boards attached to posts and the feet that help the boards stand. It is easy to lose the feet and the pins when trying to transport barricades to a worksite. It's also difficult to line up the pin in the hole during nighttime conditions and inclement weather. The Barricade Leg Spring fixes these issues by drilling an additional hole in the legs of the barricade, putting a pin through the hole, attaching a spring to it inside the leg then attaching the other end of the spring to the barricade foot. Pins no longer have to be pulled to remove the foot from the barricade legs, simply pull up on the foot and twist to put it in the desired position.

### Benefit

Barricade Leg Spring provides for easier transport as the legs remain with the barricade and are positioned to easily hang on the barricade trailer. Materials are not lost as easily and barricades are easier set up during nighttime and inclement weather work zones. The Barricade Leg Spring improves a traffic control device that allows for quicker implementation of a work zone increasing worker and driver safety.

### Materials and Labor

Materials cost of \$2.18 and 30 minutes of staff time.

### For More Information Contact:

Robin Wright at [Robin.Wright@modot.mo.gov](mailto:Robin.Wright@modot.mo.gov) or (417) 276-3417. Additional contacts: Derek Kauffman at (417) 276-3417 and Ryan Heryford at (417) 876-4232.

Additional information, photos or videos can be seen by accessing the Innovations Challenge SharePoint page at:

<http://sharepoint/systemdelivery/TP/Documents/InnovationsChallenge.aspx>

