

Chapter IV – Additional Resources

The previous chapters have listed a number of Federal Highway Administration publications and website resources relating to traffic sign retroreflectivity. This chapter highlights the FHWA *Sign Retroreflectivity Toolkit*, along with some additional resource materials that may be helpful for implementing a sign retroreflectivity maintenance program.

FHWA Sign Retroreflectivity Toolkit

As mentioned previously, the *Sign Retroreflectivity Toolkit* website provides a wealth of information about this topic. Agencies are encouraged to review the many resource materials that are provided, which include:

- An overview of the new requirements, including a narrated explanation of the minimum retroreflectivity numbers.
- Steps to implementation, with an interactive toolkit.
- Educational resources, including a PowerPoint presentation on Inspector Training for Sign Retroreflectivity.
- A ‘More Info.’ section with descriptions of assessment and management methods.



The website address is: http://safety.fhwa.dot.gov/roadway_dept/night_visib/retrotoolkit/

CTT Sign Retroreflectivity Informational Presentation & Management Selection Tool

The Center for Technology & Training at the Michigan Tech Transportation Institute has developed a web-based informational presentation designed to help local agencies begin the discussion of sign retroreflectivity with decision-makers. The narrated presentation, which is titled “The New National Standard for Maintaining Minimum Sign Retroreflectivity,” is intended for use in council/commission meetings, public information sessions, and other public meetings. It explains the science of retroreflectivity, the new federal requirements and the MUTCD methods. The following web address includes a generalized version of the video that can be used by agencies outside of Michigan: <http://ctt.mtu.edu/SignRetroPresentations.html>

The CTT has also developed a computer-based Sign Retro Management Selection Tool, which helps agencies estimate how much it might cost to implement different Federal Highway Administration sign retroreflectivity maintenance



methods. Use of the selection tool is based on the agency's specific costs and implementation scenarios. The registration screen for using the tool is available online at:

<http://ctt.mtu.edu/ToolRegistration.html>

Maintenance of Signs and Sign Supports

The FHWA publication *Maintenance of Signs and Sign Supports: A Guide for Local Highway and Street Maintenance Personnel* is intended to help local agency maintenance workers ensure their agency's signs are maintained to meet the needs of the road user. The guide succinctly covers the following topics: a description of sign types, sign materials and sign supports; sign installation and the elements of a sign management system including inventory, inspection, preventive maintenance, repair and replacement, and recordkeeping. The January 2010 update of the guide, in PDF format, can be viewed and downloaded at:

http://safety.fhwa.dot.gov/local_rural/training/fhwasa09025/fhwasa09025.pdf



For More Information ...

Due to the number of other sign retroreflectivity resource materials that are referenced throughout, this resource package/publication from Ohio LTAP is primarily being distributed by electronic means. A webpage has been established for downloading the chapters and program templates. Additional resources relating to traffic sign retroreflectivity may also be posted over time. For more information or future updates, please visit the Ohio LTAP website at:

<http://www.dot.state.oh.us/Divisions/Quality/LTAP/>