

LEAD STATES TEAM SYNOPSIS

Grade Crossing Electronic Document Management System (GCEDMS) Team



LST Members

Jack Hubbard, Chair,
Pennsylvania DOT

Michael Wray,
Virginia DOT

Eric Felty,
Pennsylvania DOT

Ric Cruz,
Moffatt & Nichol
(Representing North Carolina
DOT)

Steve Laffey,
Illinois Commerce Commission

Andrew (Drew) Thomas,
North Carolina DOT

Tom Woll,
Federal Railroad
Administration (Retired)

Activity Period

2010–2012

Cost of LST Effort

\$10,100



Each year hundreds of people are either killed or injured at highway-rail crossings. The use of highway-rail-crossing-related data and document management system can assist in reducing the number of needless tragedies.

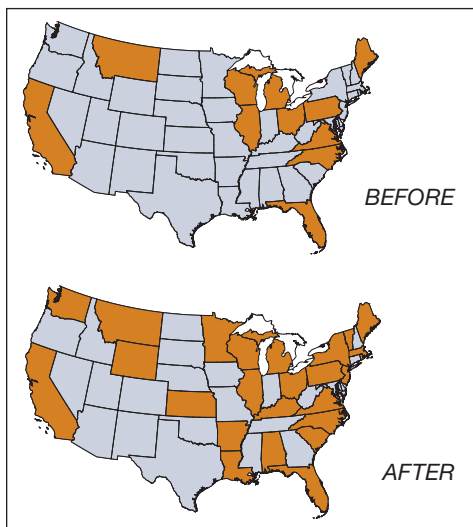
What the LST Did

The Grade Crossing Electronic Document Management System (GCEDMS) Lead States Team (LST) put together a marketing plan designed to reach out to all State Department of Transportation (DOT) highway-rail crossing inventory contacts and their industry partners within the railroad grade crossing arena. The objective of the GCEDMS LST was to inform, educate and provide available resources and information regarding the benefits of implementing a comprehensive cost-effective electronic highway-rail grade crossing inventory data information and management system.

As part of their marketing efforts, the LST members gave presentations on GCEDMS at 13 conferences and meetings and also at a pair of webinars. The team also produced a tri-fold brochure and developed articles for industry trade magazines and journals.

For more information on the available resources developed by the GCEDMS LST, please visit the AASHTO TIG website at <http://tig.transportation.org/Pages/GradeCrossingElectronicDocumentManagementSystem.aspx>.

What the LST Accomplished



The 11 orange States on the BEFORE map indicated in a 2012 survey that they had GCEDMS capabilities in place prior to LST activity.

The 24 orange States on the AFTER map indicated in a 2012 survey that they currently have GCEDMS capabilities or have plans to develop GCEDMS capabilities.

The orange States on the BEFORE and AFTER maps include the four LST States; Pennsylvania, Illinois, North Carolina, and Virginia.

Proven Benefits of GCEDMS:

Grade Crossing Electronic Document Management systems have proven to be of great benefit in facilitating internal railroad crossing communications and necessary external communications between the State DOT, the Federal Railroad Administration and railroad companies. The benefits from these systems include:

- Public safety and operational benefits.
- Facilitated compliance with new federal inventory requirements.
- Improved national inventory information.
- Improved internal management methods and tools.