Road Safety Audits and Locals in Tennessee

Jessica G. Rich
Safety Engineer
Tennessee Division
Federal Highway Administration

History

- ► August 2005
 - Road Safety Audits and Low Cost Safety Improvements for Locals
 - Road Safety Audits
 - Disciplines
- November 2005
 - First RSA in Tennessee
 - Statewide Implementation

More History

- >2006
 - Kentucky's Safety Circuit Rider Program
 - Tennessee begins development of SCRP
- **>**2007
 - Began implementation of Safety Circuit Rider Program

Tennessee Safety Circuit Rider Program

▶ Goals

- Assist local officials with the identification of safety hot spots
- Implement low-cost safety improvements to reduce the frequency and severity of future crashes at these locations
- Provide an educational experience

Tennessee Safety Circuit Rider Program

Tennessee Transportation Assistance Program (TTAP)

- Training
- Road Safety Audit
 - Review of Crash Records
 - ► Site Visit
 - ► Interviews with area residents

Road Safety Audit



- Lawrenceburg, TN
- Population of approximately 14K
- County RoadSuperintendent

The RSA

- ▶ 3 Locations
- Deficiencies
 - Curvature
 - Guardrail
 - Adequate Signage
 - Adequate Pavement Markings



Issues by "Project Owner"

- Speeding
- Vandalism of Signs
- Striping
- Limited funding



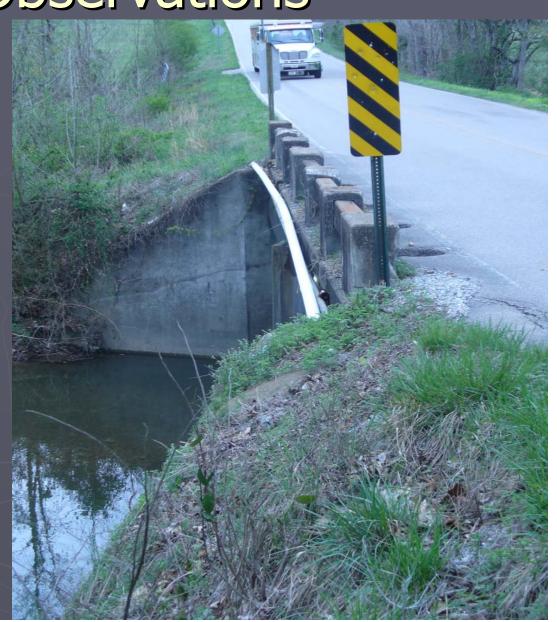
General Observations

- Signage
 - Height
 - Placement
 - Appropriate Shape
 - Appropriate Sign
 - Delineation
 - Multiple Messages



More Observations

- Pavement Markings
 - Worn
 - Proper Delineation
- ► Guardrail Needs
 - Bridges
 - Ditches
 - Culverts



New Practices

Manual on Uniform Traffic Control Devices

Collecting Crash Data

FHWA "Little White Crosses" video for HS Students

Tips

► Host an RSA class

► Make it FREE

► Managers + Students = Implementation

► Implementation ≤ The Situation

Final Thought

"In 37 years of state service and at least 5-6 classes per year, this was one of the most enjoyable of classes in a long while. The instructor was funny, informative, friendly, and very good at getting his subject across. I would look forward to being a student in his class again many times."

~ Ian Vanhook, Sr., Tennessee Department of Transportation

Special Thanks

Craig Allred
Steve Allen
Gary Ogletree
Mike Tugwell
Matt Cate
Dr. John Tidwell

Contact Information

Jessica G. Rich
Tennessee Division Safety Engineer
Federal Highway Administration
Jessica.Rich@fhwa.dot.gov