



A few years ago, the Wyoming T² /LTAP Center developed and implemented the Wyoming Rural Road Safety Program (WRRSP). The main objective of the WRRSP is to help counties in developing a strategy for improving safety on high risk rural roads. That strategy would include implementing low cost safety improvements which have proved to be effective in reducing crashes and fatalities.

The Wyoming Department of Transportation (WYDOT) and the Federal Highway Administration (FHWA) made safety funding available for counties interested in implementing the WRRSP. The WRRSP funds 90.49% of the project cost up to a maximum of \$100,000 of federal funds and will require a 9.51% local match. The T²/LTAP Center can help you with the implementation of the program and preparing your proposal. So far, the program has been implemented in 17 counties in the state. It is our intention to reach out to all counties interested in implementing the program so that local roads are safer around the state a five-step procedure was developed for the WRRSP. These five steps are:

1. Crash data analysis
2. Level I field evaluation
3. Combined ranking to identify potentials high risk locations based on steps 1 and 2
4. Level II field evaluation to identify countermeasures
5. Benefit/cost analysis

This program utilizes the combination of historical crash records and field safety evaluations in identifying high risk locations. A benefit/cost analysis can then be applied to determine the most cost effective countermeasures at the high risk locations.

Enclosed is a spreadsheet showing all crashes for a ten year period, in your county. This crash data starts on January 1, 2007 to the first quarter of 2017. The crash data was attained through WYDOT. There are 13 columns on the spreadsheet , column 1 is the County, 2 is if it is a rural or urban county road, 3 is the WYDOT road number, 4 is the road name, 5 is road number, 6 is the beginning mile post of the one mile section, 7 is the end mile post of the one mile section, 8 is the total crashes for the one mile section, 9 is the critical crashes which are a combination of fatal and suspected serious, 10 is severe crashes that are a combination of suspected minor and possible, 11 is damage which is a combination of property damage only and unknown, 12 is how many were killed, 13 is the total of injuries.

Some of the low cost safety improvements implemented so far are:

- Installation of advance warning signs, delineators and guard railing
- Pavement striping
- Widening of the road shoulders
- Relocation of mail boxes
- Culvert extensions
- Cattleguard extensions
- Improving horizontal and vertical alignment
- Relocations of fences

To implement the Wyoming Rural Road Safety Program in your County, or have questions on the crash data spread sheet, contact Bart Evans or Khaled Ksaibati at the Wyoming T²/LTAP Center.

(800) 231-2815 or (307) 321-1705 or mevans2@uwyo.edu or khaled@uwyo.edu