

Hamilton Community Transportation Safety Plan



City Council Meeting

April 5, 2011

Overview

- ◆ **Meeting Goal**
- ◆ **Background/Transportation Safety Plan Process**
- ◆ **Safety Oversight Committee**
- ◆ **Goal for Safety**
- ◆ **Hamilton Crash Data**
- ◆ **Hamilton Safety Emphasis Areas**
- ◆ **Gap Analysis**
- ◆ **New Strategies and Actions**
- ◆ **Implementation Suggestions/Reporting Plan**
- ◆ **Next Steps**

Goal for the City Council Meeting

Present the Final Hamilton Community Transportation Safety Plan

*"Preserve and enhance the quality of life
by improving transportation safety for all
users."*

HAMILTON COMMUNITY TRANSPORTATION SAFETY PLAN



Prepared For:
City of Hamilton

Prepared By:
Camp Dresser and McKee

**With Funding and Technical
Assistance Provided By:**
Montana Department of
Transportation

March 25, 2011

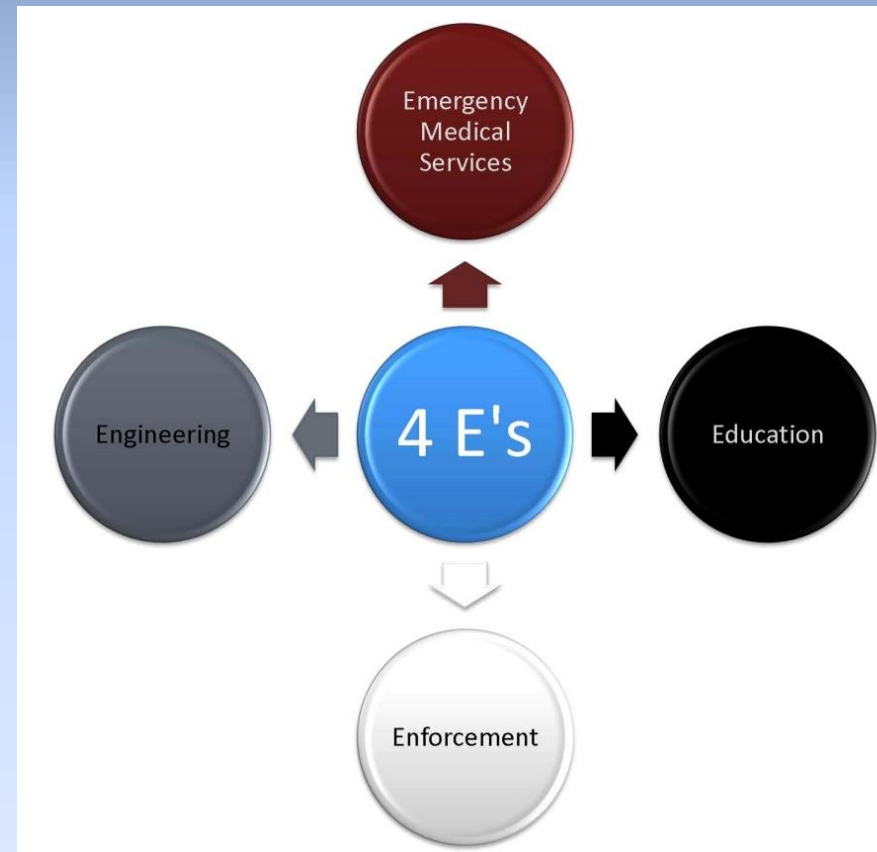


Transportation Safety Planning Background

- ◆ **Federal Transportation Legislation**
 - Requires comprehensive safety planning on both the state level and the MPO level
- ◆ **State of Montana**
 - Comprehensive Highway Safety Plan (required) - Goal to reduce fatalities and incapacitating injuries on the roadways by half by 2030
- ◆ **City of Hamilton**
 - Hamilton Area Transportation Plan (2009 Update)
 - Hamilton Community Transportation Safety Plan

Hamilton Community Transportation Safety Plan

- ◆ Support the goals and objectives of Montana's Comprehensive Highway Safety Plan
- ◆ Data driven and reflect the safety issues of the community
- ◆ Identifies strategies to address the safety problems and achieve goals and objectives
- ◆ Focuses on the Four E's of safety: Education, Enforcement, Emergency Services & Engineering



Community Transportation Safety Plan Process

- ◆ **Establish the Transportation Safety Oversight Committee (SOC)**
- ◆ **Identification of Goals for Safety**
- ◆ **Review and Analysis of Crash Data and Reports**
- ◆ **Identification of Problems and/or Areas of Concern**
- ◆ **Development of Emphasis Areas and Completion of Gap Analysis**
- ◆ **Identification of New Strategies and Actions**
- ◆ **Development of Implementation Suggestions and Reporting Plan**

Safety Oversight Committee (SOC)

- ◆ Community officials and stakeholders with expertise in the 4E's of safety.

Name	Organization
Dennis Stranger	Hamilton Community Development & Planning Department
Keith Smith	Hamilton Public Works Department
Al Mitchell	Hamilton City Council
Ryan Oster	Hamilton Police Department
Steve Snavelly	Hamilton Police Department
Brad Mohn	Hamilton Fire Department
Ken Breidenbach	Montana Highway Patrol
Becky Brough	Hamilton School District
Lance Turner	Hamilton School District
Lynette Helgeland	Hamilton City Council
Glen Cameron	Montana Department of Transportation (Missoula)
Scott Reesman	Montana Department of Transportation (Missoula)
Carol Strizich	Montana Department of Transportation (Helena)
Pam Langve-Davis	Montana Department of Transportation (Helena)

Goal for Safety

“Preserve and enhance the quality of life by improving transportation safety for all users.”

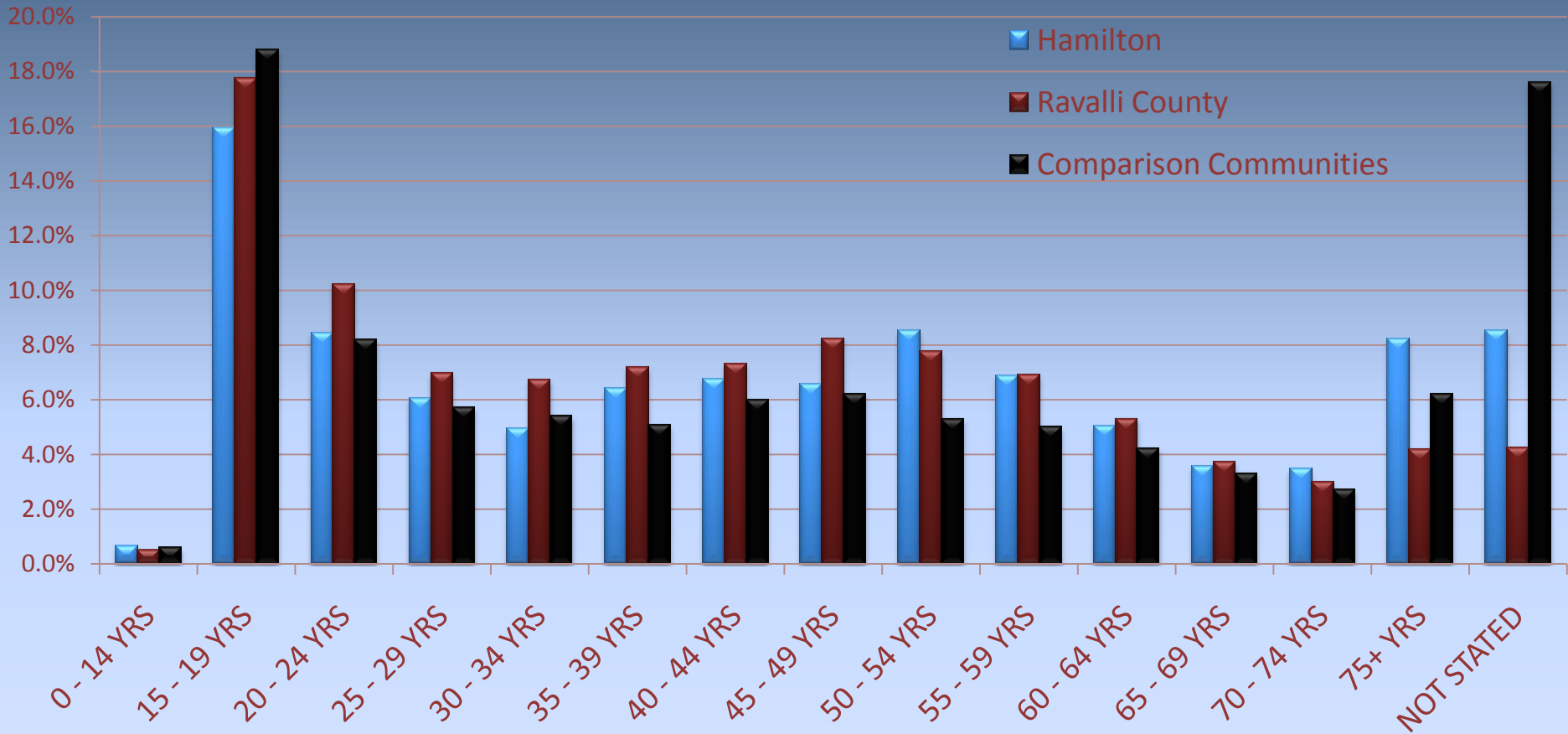
Transportation Safety Issues for Hamilton

- ◆ **Vulnerable users**
 - **Older Drivers**
 - **Young Drivers**
 - **Bicycle/Pedestrian**
- ◆ **Driver behavior**
 - **Cell phones/Texting and driving**
 - **Safety belt usage**
 - **Alcohol/drug impaired driving**
- ◆ **Problem locations**
- ◆ **Animal/Vehicle crashes**

Crash Data Analysis

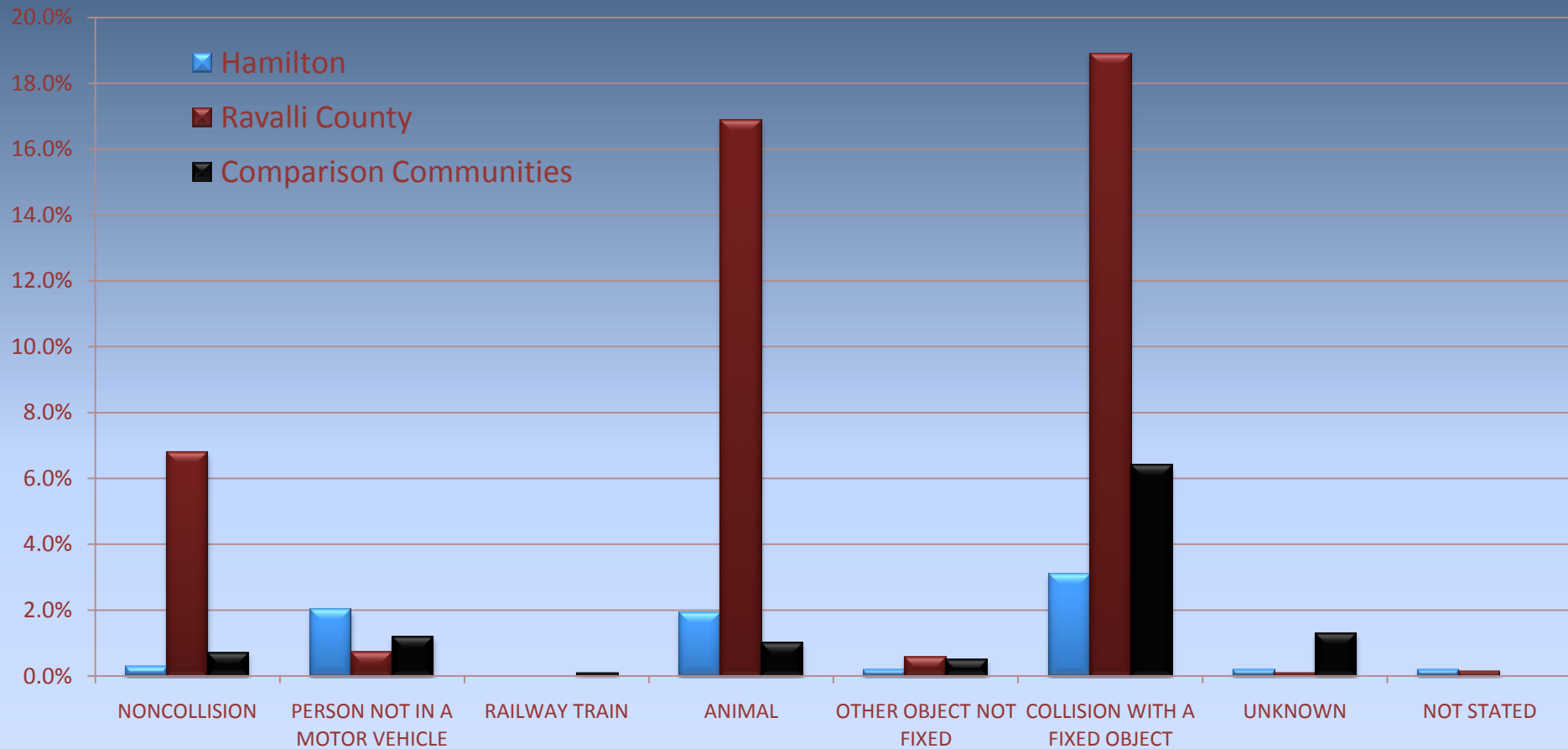
- ◆ **From law enforcement crash reports**
- ◆ **Data from 2005-2009**
- ◆ **Comparison of Hamilton vs. communities having similar populations**

Drivers By Age



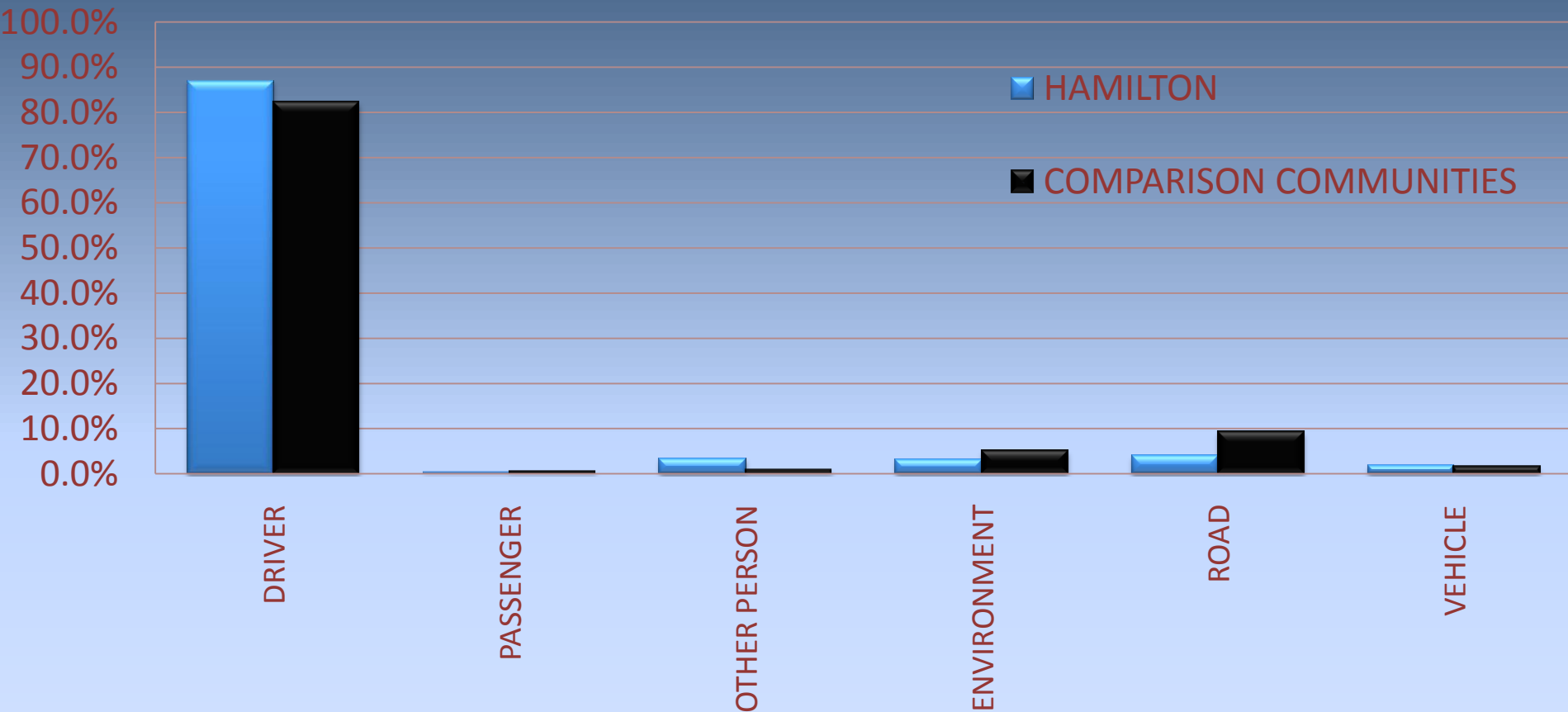
- ◆ High percentage of drivers over the age of 50 in Hamilton crashes
- ◆ Highest percent of crashes involve ages 15-19

Vehicle by First Harmful Event



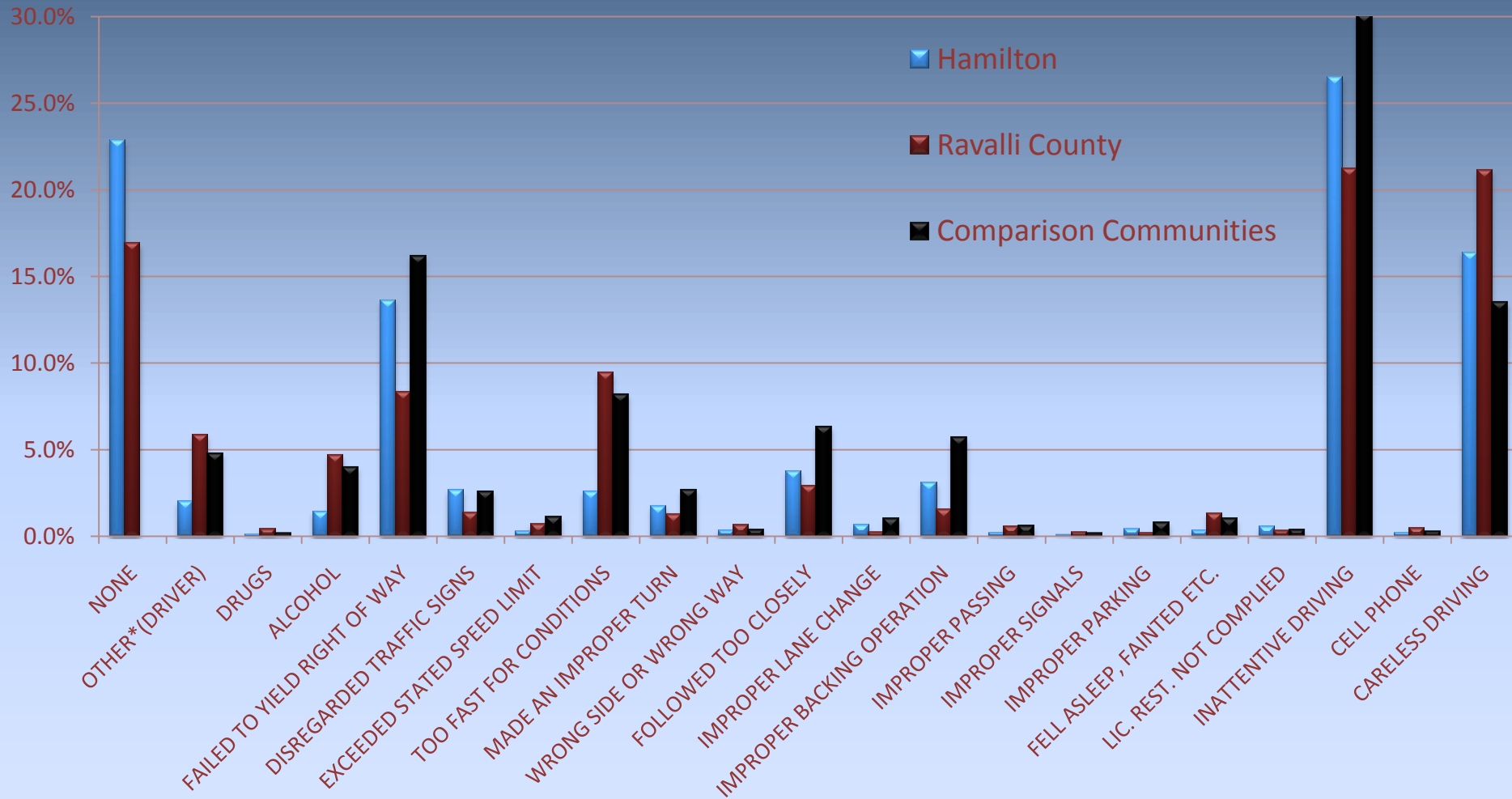
◆ **Note: the chart excludes collisions with another motor vehicle in order to show the variations in other collision types.**

Contributing Circumstances Involving Driver



- ◆ Contributing circumstances involving the driver of the motor vehicle are the most common

Contributing Circumstances Involving Driver



◆ High percentage of inattentive and careless driving

Emphasis Areas

- ◆ Identified by crash data analysis and community input
 - Vulnerable Users
 - Older Drivers
 - Young Drivers
 - Bicycle/Pedestrian
 - User Behavior
 - Distracted Driving
 - Safety Device Usage
 - Alcohol/Drug Impaired Driving
 - Problem Locations



Gap Analysis of Existing Community Safety Efforts

Existing Strategies Addressing Vulnerable Users

Existing Strategy	
Older Drivers	
Formal Courses for Older Drivers	AARP
General Communications and Education	Local
Law Enforcement Outreach	Drivers training and education of traffic laws
Younger Drivers	
Graduated Driver's Licensing (GDL)	Hamilton Driver's Education program
Bicyclists/Pedestrians	
Outreach to Varied Users	Safety fairs, seasonal bicycle officer, driver's education

Gap Analysis of Existing Community Safety Efforts

Existing Strategies Addressing User Behaviors

Existing Strategy	
Alcohol and Drug Impaired Driving	
Saturation Patrols	Hamilton Police Department, Montana Highway Patrol
Responsible Alcohol Sales & Service (RASS)	Ravalli Co DUI Task Force
Designated Drivers	Local
Zero-Tolerance Law Enforcement of Underage Drinking	Hamilton Police Department
Minimum Drinking Age Law Enforcement	Hamilton Police Department
Bar Patrols	Hamilton Police Department
School Education Programs	Driver's Education Course
DUI Task Force	Ravalli County
Law Enforcement Training	Hamilton Police Department, Montana Highway Patrol
Law Enforcement Equipment	Hamilton Police Department

Gap Analysis of Existing Community Safety Efforts

Existing Strategies Addressing User Behaviors (Continued)

Existing Strategy	
Safety Device Usage	
Short-Term, High Visibility Seat Belt Law Enforcement	Hamilton Police Department
Employer and School Programs	Driver's Education
Incentive Programs	Helmet use Coupons- Hamilton Police Department

Gap Analysis of Existing Community Safety Efforts

Existing Strategies Addressing Problem Locations	
Existing Strategy	
Infrastructure	
Implementing Transportation Projects	Hamilton Public Works
SRTS Program Development	Hamilton Public Works
Analyzing Congestion Issues	Hamilton Public Works
Completing Traffic Signal Warrant Studies	Hamilton Public Works

Identification of New Strategies and Actions

- ◆ **The steps of identifying potential strategies that may work in Hamilton included:**
 - **the identification of problems and/or areas of concern,**
 - **an inventory of existing strategies currently being used in the community,**
 - **a review of national strategies that have been used successfully in other communities and may be successful in Hamilton, and**
 - **a facilitated discussion with the SOC of what strategies could be feasible and applicable and should be selected for use in Hamilton.**

New Strategies and Actions for Vulnerable Users

The **CHAMPION** for Emphasis Area 1: Vulnerable Users is Dennis Stranger, Hamilton Community Development & Planning Department

Older Driver

◆ ID 1: Older driver education

- Improve communication efforts in relaying education opportunities and incentives to seniors, and senior providers.

◆ ID 2: Transit Service – Availability and Expansion

- Develop and implement an aggressive public awareness campaign for transit availability.

New Strategies and Actions for Vulnerable Users (cont.)

Young Drivers

◆ ID 3: School Based Education

- Enhance school-based education and incentive programs through the existing quarterly driver's education program and health education offered in the Hamilton School District.

◆ ID 4: Parental Education

- Enhance educational opportunities to include parental involvement to ensure student's successful completion of skills test and understanding of driver's responsibilities. Improve and increase parent education.

Bicycle/Pedestrians

- ◆ ID 5: Develop a Non-Motorized Transportation Plan that will build upon the initial work of non-motorized facilities assessment in the *Hamilton Area Transportation Plan, 2009 Update*.

New Strategies and Actions for User Behavior

The **CHAMPION** for Emphasis Area 2: User Behavior is the Ryan Oster, Hamilton Police Department

Impaired Driving

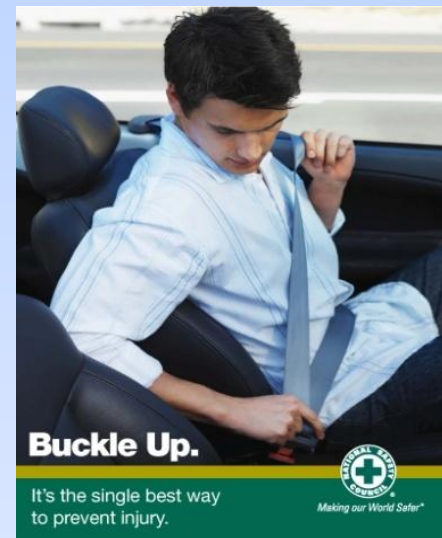
- ◆ ID 6.A: Expand Public Outreach activities to include a more robust mass media campaign addressing such things as impaired driving.

Safety Device Usage

- ◆ ID 6.B: Solicit Community Incentive Donations
- ◆ ID 6.C: Develop Top Ten Excuses Campaign

Distracted Driving

- ◆ ID 6.D: Employer Programs on the Risks of Distracted Driving



New Strategies and Actions for Problem Locations

The **CHAMPION** for Emphasis Area 3: Problem Locations is the Keith Smith,
Hamilton Public Works Department

Problem Locations

- ◆ ID 7: Implement Transportation Plan Recommendations
- ◆ ID 8: Continue to develop Safe Routes to School (SRTS) Projects
- ◆ ID 9: Review Congested Areas
- ◆ ID 10: Traffic Signal Warrant Studies

Development of Implementation Suggestions and Reporting Plan

- ◆ **Champions and SOC Convene Quarterly Meetings**
- ◆ **Identify Strategy Leaders**
- ◆ **Champions Report Progress Annually to SOC and Local Sponsor**
- ◆ **Local Sponsor Reports Progress Annually to MDT**
- ◆ **Obtain Crash Data from MDT Every Two Years to Monitor Success**

Next Steps

- ◆ **Final plan presentation to Hamilton City Council for consideration of adoption**
- ◆ **Support implementation of the Community Transportation Safety Plan (CTSP)**
- ◆ **The Plan Sponsor will update the CTSP as warranted to improve safety in Hamilton.**

Conclusion/Questions

◆ Conclusion/Questions

- See link to Hamilton Community Transportation Safety Plan
- <http://www.mdt.mt.gov/pubinvolve/hamiltonsafety/>
- See link to Montana Comprehensive Highway Safety Plan

http://www.mdt.mt.gov/publications/docs/brochures/safety/current_chsp.pdf

CDM Helena, Montana Office

50 West 14th Street, 2nd Floor

Helena, Montana 59601

Tel: 406-441-1400 Fax: 406-449-7725