

**2020
Comprehensive
Highway Safety
Plan Update**

Advisory
Committee
Meeting #3
June 2020



VISION ZERO ★
zero deaths · zero serious injuries

**MONTANA DEPARTMENT
OF TRANSPORTATION**

New Business



Identify Champions &
Co-Champions



Discuss Strategies



Identify Opportunities,
Partners & Resources

Schedule



CHSP 2020 Update - SCHEDULE

June 11, 2020

Task Name	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
1 Outreach										
2 SWOT										
3 Data										
4 Advisory Committee				◆	◆		◆	◆		
5 Research/Prove Safety Countermeasures										
6 Emphasis Areas										
7 Plan Development										

◆ meeting

Role of Champion/ Co-Champion



Expand safety partner network



Prepare & facilitate emphasis
area meetings



Document emphasis area
meeting



Track & report implementation
progress and status of activities



Determine

Determine if assistance is needed to implement activities.



Seek

Seek input on implementation



Communicate

Provide semi annual progress update.



Review

Annually review emphasis area opportunities



Update

Inform Team of updates

Responsibility of Champion/ Co-Champion

Current CHSP Champions



Roadway Departure & Intersection
Related Crashes- – Patricia Burke,
Safety Engineering Bureau Chief



Impaired Driving- Kevin Dusko,
Impaired Driving Program
Coordinator



Unrestrained Vehicle Occupant –
Janet Kenny, State Highway Traffic
Safety Section Supervisor/HSP



**Emergency Response –After Crash
Care - Alyssa Johnson, Trauma
System Manager, EMS & TS, DPHHS**



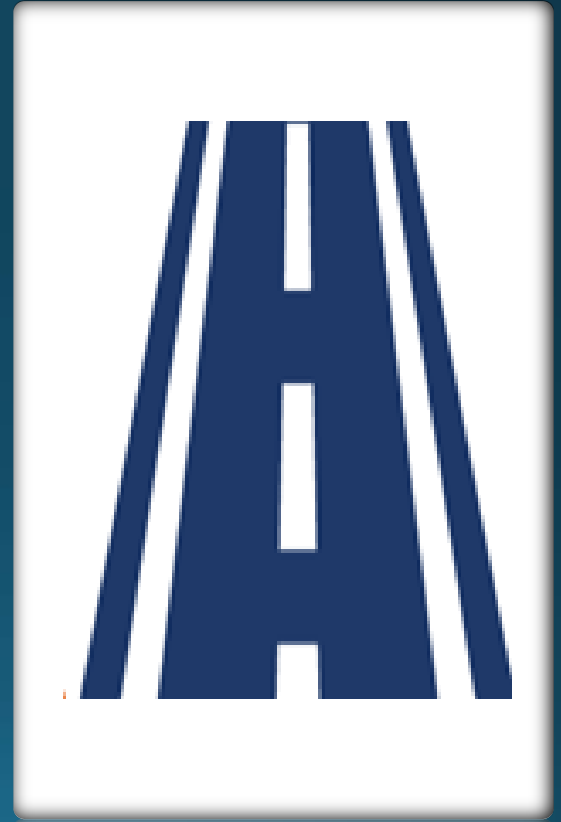
Strategies



Opportunities For Action

Roadway Departure Strategies

- Keep Vehicles on Roadway
- Provide for Safe Recovery
- Reduce Crash Severity
- Outreach, Public Information & Education
- Laws & Enforcement
- Improved data accuracy, integration and accessibility
- Pedestrian and Bicyclist



Keep Vehicles on Road Opportunities

Opportunities For Action-

- Increase Pavement Friction
- Rumble Strips
- Improve Night-Time Visibility
- Horizontal Curve Safety
- Other Opportunities as identified-

Provide for Safe Recovery Opportunities

Opportunities For Action

- Safety Edge
- Clear Zone
- Slope flattening
- Improving width of existing shoulders- recovery zone
- Other Opportunities as identified-

Reduce Crash Severity Opportunities

Opportunities For Action-

- Longitudinal Barriers & Bridge Rails
- Barriers Terminals and Crash Cushions
- Sign supports, mailboxes & delineators
- Work Zone Devices
- Other Opportunities as identified-

Outreach, Education & Public Information Opportunities

Opportunities For Action

- Support & enhance public education & awareness of driving skills training
- Promote & enhance communication & public awareness of risky driving behaviors associated with road departures
- Promote & support evidence based teen peer-to-peer education & programs to address risky driving behaviors.
- Support the enhancement of road reporting systems and public notification , including linking data systems with other entities

Law Enforcement Opportunities

Opportunities For Action-

- Speeding & Speed Management (Laws, Enforcement, Penalties /Adjudication, etc.)
- GDL Requirements for Beginner Drivers
- Support MCS Operation Safe Driver campaigns
- Cell Phone and Text Messaging Laws
- High-Visibility Cell Phone/Text Messaging Enforcement
- General Drowsiness and Distracted Laws (Policy & Legislation - P/L)
- Employer Programs (P/L)
- Other Opportunities as identified-

Intersection Related Crash Strategies

- Unsignalized Intersections
- Signalized Intersections
- Innovative Intersections
- Railroad Crossings
- Pedestrian & Bicyclist
- Education & Outreach



Intersection Related Crash Opportunities

Opportunities For Action-

- Access Management Control
- Intersection Control Evaluation (ICE)
- Turn Lanes
- Visibility & Sight Distance Improvements
- Traffic Signals & Signage & Protective Devices
- Reduce Operating Speeds
- Roundabouts & Crossovers & U-turns
- Lighting, Refuge Islands, Mid-block Crossings
- Education & Outreach on improvements and laws
- Other Opportunities as identified-

Intersection –Related Crash Opportunities

Other Opportunities For Action-

- Collaboration to identify problematic intersections and emergency routes to reduce instance of collisions with traveling public.
- Employ emergency vehicle preemption to allow emergency vehicles to disrupt a normal signal cycle to proceed through the intersection more quickly and under safer conditions.
- Enforcement sweeps of violations at intersections by motorized and unmotorized vehicle operators and pedestrians at intersections and mid-block crossings.

Impaired Driving Strategies

- Deterrence and Enforcement
- Improve data accuracy
completeness, integration,
timeliness, uniformity &
accessibility used in impaired
driving traffic analysis
- Communication,
Education/Prevention



Impaired Driving Opportunities

Opportunities For Action-

- Alcohol-Impaired Driving Law Review
- Drug-Impaired Driving Laws
- Publicized High Visibility Sobriety Checkpoints
- Conduct High Visibility Checkpoints
- Preliminary Breath Test Devices
- Minimum Drinking Age 21 Laws
- Alcohol Vendor Compliance Checks
- Enforcement of Drug-Impaired Driving
- DUI Courts, Sanctions, Court Monitoring
- Brief Intervention and Alcohol Screening
- Responsible Alcohol Sales & Service Training
- Other Opportunities as identified-

Impaired Driving Opportunities

Other Opportunities For Action-

- Promote HSP high visibility enforcement grants
- Monitor the impact of marijuana legalization on roadway crashes and countermeasures in peer states.
- Develop public education campaigns on a range of impaired driving topics
- Prevention Media Campaigns
- Alternative Transportation
- Designated Driver
- Education Regarding Medication

Unrestrained Vehicle Occupant Strategies

- Laws & Enforcement
- Improve the accuracy, completeness, integration, timeliness, uniformity, and accessibility of data used in traffic safety analysis
- Communication, Education & Injury Prevention



Unrestrained Vehicle Occupant Opportunities

Opportunities For Action

- State Primary Enforcement Seat Belt Use Laws (& increase Penalties) (P/L)
- Strengthening Child/Youth Occupant Restraint Laws (P/L)
- Support enforcement of existing secondary seat belt and primary child passenger seat laws
- Child Restraint / Booster Seats Use
- CPS Instructor Certification & Recertification
- CPS Technician Training, Certification, & Recertification Program
- Other Opportunities as identified-

Unrestrained Vehicle Occupant Opportunities

Other Opportunities for Action-

- Low-Belt-Use Groups
- Build collaborative partnerships to increase seat belt use
- Inspection Stations
- Car/Booster Seat Distribution
- Research underlying beliefs and behaviors of high-risk groups to better understand their traffic safety behaviors.
- Develop behavioral change campaigns
- Develop multiagency coordinated educational safety campaigns
- School Programs

Emergency Response/ After-Crash Care Strategies

- On Scene Care Training & Education
- Safe & Rapid Transport /Response
- Emergency Response Vehicles & Equipment
- Hospital Based Emergency Care
- Data Collection



Emergency Response- After-Crash Care Opportunities

Opportunities For Action-

- Public Education
- Workforce Training of Emergency Personnel
- Support and promote Traffic Incident Management Systems (TIMS) Training
- EMS transport and prehospital injury care
- Equip Law Enforcement vehicles with AEDs
- EMS equipment & training to properly restraint children in EMS vehicles
- Support and promote MDT EMS grant opportunities
- Trauma System Designation & Education
- EMS Patient Care Records
- Trauma Registry
- Data linkage
- Other Opportunities as identified-

Emphasis Area: Roadway Departure & Intersections

Champion/Co-Champion:

- Goals:
- Reduction of Roadway Departure fatalities
 - Reduction of Roadway Departure suspected serious injuries
 - Reduction of Intersection related fatalities
 - Reduction of Intersection related suspected serious injuries

Strategy -1 - Keep Vehicles on the Road

Objective: Reduce and mitigate roadway departure crashes through data-driven problem identification and the use of best practices. The most cost-effective solution to reduce the number of crashes, injuries, and fatalities due to roadway departure is to strategically focus efforts on implementing countermeasures that will keep the vehicles on roadway. Improving pavement friction, alerting drivers with rumble strips, enhancing delineation along horizontal curves, and improving nighttime visibility are effective practices that FHWA encourages agencies to explore to keep vehicles on the roadway.

Action	Timeline	Status	Lead/Resources	Measurement of Success
1. Increase Pavement Friction	Test Complete FFY2021	Project location identified due to significance of fatal and serious injury crashes due to crash factors mitigatable with improved pavement friction. Project programming underway.	Patria Burke, HSIP Program Manager	Before and after testing shows crash reduction.

Strategy -2 - Provide for Safe Recovery

Objective: Reduce and mitigate roadway departure crashes through data-driven problem identification and the use of best practices. Once vehicles have left the travel lane, providing an opportunity to reenter the travel way safely is a priority. Providing shoulders, safe pavement edges, and clear zones are effective means in which agencies can provide the opportunity for drivers to recover safely.

Action	Timeline	Status	Lead/Resources	Measurement of Success
1				

Next Steps

- Next Meeting –
July 9 , 2020
- Draft Plan

Montana

Comprehensive Highway Safety Plan



2020



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