

**CHSP Roadway Departure & Intersection Related  
Crashes Emphasis Area  
April 26, 2023  
Strategy Progress Updates**



Progress updates were provided to and compiled by Pam Langve-Davis.

**S3.1 AARP Driver Skills Training refresher course covers** current rules of the road and defensive driving techniques. As part of the shared responsibility for safety, road users are expected to comply with the rules of the road. Including paying attention, adapting to changing conditions, not driving impaired, and driving without distraction. Education and enforcement components are important in enabling and encouraging road users to behave safely. (SSA E1:SRU)

- ✓ In progress: 2022 training was 100% completed with 45 classes with 425 participants; and 610 participants completing on-line course. 2023 training is in progress and 2 % complete.

**S3.2 Sustain and continue to provide Share the Road and No-Zone training focusing on operating around large vehicles.** As part of the shared responsibility for safety, road users are expected to comply with the rules of the road. Including paying attention, adapting to changing conditions, not driving impaired, and driving without distraction. Education and enforcement components are important in enabling and encouraging road users to behave safely. (SSA E1:SRU)

- ✓ In progress: 1<sup>st</sup> quarter planning phase activities. Percentage completed= 10%. No status updates provided by Motor Carrier Services (MC-MDT), Montana Trucking Association (MTA), and Traffic Education- OPI in April.

**S3.3 Continue to sustain and support the implementation of MT D.R.I.V.E skills training**

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- ✓ New program in progress: OPI's new Traffic Education program: Montana DRIVE CDL, to train and test new school bus route drivers for school districts. This program would allow Class B drivers holding a Learner's Permit to take the new workshop and in 10 days of training, and passing the tests, be ready to drive students and be CPR trained. Montana DRIVE CDL & Montana D.R.I.V.E. 2022-2023 SY, Planning Phase. Percentage completed= 50%

**S3.4 Continue to sustain and support implementation of the OPI Teen Drivers Education.**

Expand awareness and importance of driver's education for novice drivers and requirement for parental participation. As part of the shared responsibility for safety, road users are expected to comply with the rules of the road. Including paying attention, adapting to changing conditions, not driving impaired, and driving without distraction. Education and enforcement components are important in enabling and encouraging road users to behave safely. (SSA E1:SRU)

- ✓ In progress: 2022-2023 SY, Percentage completed= 75%. April 2023 MTEA Conference in Billings.

**S3.5 Montana Motorcycle Rider Safety (MMRS) Training**

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without distraction. Education and enforcement components are important in enabling and encouraging road users to behave safely. (SSA E1:SRU)

- ✓ Percentage of completion= 58% 2023 Basic Class (BC) training schedule is online.  
Billings: 12 of 12 classes sold out (nothing available until September)  
Bozeman: 9 of 9 classes sold out.  
Great Falls: 5 of 5 classes sold out.  
Havre: 1 of 1 class sold out.

### **S3.6 Continue to promote Montana Operation Lifesaver (MTOL)- RR safety program**

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No progress reports. Percentage of completion=00%

### **S3.7 Continue to provide, promote, and encourage traffic safety education and information for vulnerable road users** (pedestrians and bicyclists) and other non-motorized transportation system users.

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- ✓ Percentage of completion= 58% FFY. Ongoing. Distribution of bicycle touring maps upon request and to local visitor centers. Provided bicycle safety education, information, and learning incentives to Billings elementary school teachers in promoting bicycle safety. Updating website information to include current bicycle shops. Planning to attend upcoming events including Jefferson Co Fair on July 14, 2023, and the 2023 Governor's Health Fair.

### **S4.1 Implement the Railway-Highway Crossings (Section 130) Program.** Section 130 program funds are eligible for projects at all public crossings including roadways, bicycle, and pedestrian paths.

The required Highway Rail Grade Safety Action plan was submitted before the due date. FRA needs to formally approve and post. No updates provided to the program manager.

No progress report on activities.

### **S4.2 Continue to implement and enhance proven countermeasures** Design features and safety countermeasures can contribute to safe roads by separating users in space and time. Separation can be designed as traffic signals to mitigate conflicts between road users and reduce the risk of crashes. Safe roads include clear zones, roadway appurtenances designed to mitigate the severity of roadway departure, and roundabouts to reduce speeds at intersections. (SSA E4: SR)

- ✓ Percentage of completion= 60%. Safety projects are ongoing. MDT/FHWA provided training on rural roadway departure & countermeasures for local and state transportation staff, April 11-14, 2023.

### **S5.1 Continue to support and enhance upgrades to the MDT's Safety Management System (SMS) crash database.** Continue to identify, analyze and track HSIP projects that reduce the number of fatal and serious injuries.

- ✓ Ongoing updates to MDT's Safety Management System(SMS) crash database. No status or percentage of completion provided.

**S6.1 Continue to conduct and implement Operation Safe Driver campaigns.**

As part of the shared responsibility for safety, road users are expected to comply with rules of the road, including paying attention, adapting to changing conditions, not driving impaired, and driving without distraction. Education and enforcement components are important in enabling and encouraging road users to behave safely. (SSA E1:SRU)

✓ FFY 2023, Planning Phase. Percentage of completion= 58%.

**S6.2 Continue to support the Montana Highway Patrol (MHP) high visibility enforcement (HVE) to reduce roadway departure and intersection related crashes due to risky driving behaviors.** As part of the shared responsibility for safety, road users are expected to comply with the rules of the road. Including paying attention, adapting to changing conditions, not driving impaired, and driving without distraction. Education and enforcement components are important in enabling and encouraging road users to behave safely. (SSA E1:SRU)

Opportunity: Crash maps to assist enforcement in identifying enforcement corridor or crash clusters to focus on risky driving behaviors to reduce roadway departures.

No activity report.

**S7.1 Research effectiveness of highway safety public education at Montana Motor Vehicle Division and Vehicle Registration Stations by streaming safety videos.**

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✓ The final report is being reviewed and finalized. Percentage of completion= 100%

**S7.2 Research safety evaluation of sinusoidal centerline rumble strips.** Centerline rumble strips (CLRS) are a proven safety feature to reduce high severity cross-over type crashes on rural and suburban roadways. Although the primary crash types reduced are head-on and sideswipe opposite direction crashes, studies have shown a reduction for all crash types. When traversed, conventional CLRS create significant additional traffic noise which can travel several hundred feet and create a nuisance to nearby residents. Previous studies show a quieter CLRS option is the sinusoidal centerline rumble strip (SCLRS).

✓ Percentage of completion= 42% complete. The existing crash and roadway data is being finalized and we are awaiting “after” crash data as time moves forward.

**S7.3 Continue to track and consider implementation of advances in automated vehicle and roadway technologies.** As automated vehicle technology advances and is deployed, transportation policy and planning will be critical. Approaches to fully address the needs of the traveling public, businesses, and freight operators will need to be adapted. Safe vehicles should also account for the safety of other road users through elements of size, design, and materials. Elements such as pedestrian and bicyclists’ detection on connected vehicles(CV) and autonomous vehicles (AV) will be necessary so that vehicles are safe for all road users in the future. (SSA E2: SV)

Percentage of completion= No current updates.