

2019 Projects of Priority

High Friction Surface Treatment-Before and After Evaluation - MoDOT has placed several HFST locations statewide. Some have been placed using Accelerated Innovation and Deployment (AID) funds. As part of the AID award, MoDOT has agreed to perform a Before and After Study to evaluate the effectiveness of the HFST locations.

Pedestrian Safety – Includes the development of crash modification factors for pedestrian safety countermeasures. Also includes the evaluation of the performance of MoDOT pedestrian countermeasures. This would include continental crosswalk marking and Hawk signals to name a few.

Assessing infrastructure standards to interface with connected and autonomous vehicles – review and make recommendations of infrastructure standards that will be necessary to support connected and autonomous vehicles

Citizens Guide for Safety – similar to the Citizens Guide for funding, this guide will provide information to the citizens of Missouri as to the challenges of delivering safety improvements. The guide will describe the processes that MoDOT uses to provide safety improvements. Also, included will be a description of the safety data used to evaluate safety improvements. It will also provide evaluations of the value of safety improvements such as rumble strips, enlarged signing, lighting to name a few. It will also ask for an evaluation of some of the geometric improvements such as DDIs, roundabouts and other curve related countermeasures.

Resistivity - MoDOT is interested in developing a process for the inclusion of resistivity readings into Bridge deck evaluations. The research would investigate a new bridge construction and develop recommendations for the testing procedures and specifications that incorporate resistivity readings.