Workshop Descriptions

Workshop 1: TSMO
Learn how easy it is to start collecting meaningful performance information about your traffic signal system. The presentation from FHWA will help you identify operational objectives, and then set up and use automated performance measurements to help you know how well your signals are attaining those objectives, what changes you might make so that your signals work better, and how to demonstrate the effectiveness of your program.

Workshop 2: Ladders of Opportunity
Connect with the American Dream and learn how all communities are invited to climb the ladder to a better future through transportation. This workshop will introduce the USDOT’s Ladders of Opportunity vision and emphasize the three main concepts – Work, Connect, and Revitalize. The Ladders of Opportunity vision promotes safer people and safer streets through multimodal, community-based approach. The dynamic presenter will cover current policy solutions, and lead discussions on “Funding Projects that Promote Ladders of Opportunity” and “Empowering the Public”.

Workshop 3: New Blueprint for Safety
Join us for an update on the new Blueprint for Safety – A Partnership Toward Zero Deaths. The presentation will communicate the grim statistics on traffic crashes and stress “The Focused Five” strategies to reach the ultimate goal of ZERO road deaths. Missouri’s Blueprint will be the state’s strategic plan during the next four years to save lives and reduce serious injuries. This tool will assist in planning and continuing efforts to make Missouri roadways safer for all users.

Workshop 4: Everyday Counts: Using Road Diets & STEP to Improve Safety
Enjoy this FHWA Everyday Counts presentation on Road Diets and Safe Transportation for Every Pedestrian (STEP). STEP provides cost-effective countermeasures to reduce pedestrian fatalities at uncontrolled crossing locations and un-signalized intersections. Countermeasures within STEP include crosswalk visibility enhancements, pedestrian refuge islands, pedestrian hybrid beacons, rectangular rapid flash beacons, and Road Diets. With Road Diets, the number of vehicular through lanes is reduced to provide a walking/biking/transit facility. Nineteen states have implemented Road Diets since January 2015. Statistics show a crash reduction of 70% where Road Diets have been implemented.

Workshop 5: Intelligent Compaction
Accompany FHWA speakers as they present the philosophy and equipment behind Intelligent Compaction (IC). IC is an equipment-based technology that was developed to extend pavement life. The vibratory rollers are equipped with GPS, infra-red temperature sensors, and on-board computers. The on-board computers show roller passes, asphalt surface temperatures, and stiffness. This workshop will describe the process of intelligent compaction, as well as the benefits of intelligent compaction.

Workshop 6: Roadside Safety
The Midwest Roadside Safety Facility and MoDOT’s own Ron Effland will discuss the new standards on the Midwest Guardrail System (MGS) and Manual for Assessing Safety Hardware (MASH) end treatments. The presentation will explain the process of developing the MGS rail, testing methods of the MGS rail, and testing methods of the MASH end terminals. Ron Effland will touch on MoDOT’s revised Standard Plans and new direction with guardrail.