ITS Heartland’s TSMO University: A NEW ROADMAP TO TSMO AWARENESS

TSMO DEFINITION
TSMO encompasses a broad set of strategies that aim to optimize the safe, efficient and reliable use of existing and planned transportation infrastructure for all modes. TSMO is undertaken from a systems perspective, which means that these strategies are applied across multiple modes, jurisdictions, agencies, and scales.

REGIONAL OPERATIONS FORUMS
Regional Operations Forums, such as the Nebraska TSMO Forum, provide a platform for sharing best practices and ideas, as well as highlighting the successes and challenges faced by other states.

RESEARCH PROJECTS
The Federal Highway Administration has provided TSMO training across the country using Regional Operations Forums—generally three-day sessions with multiple departments of transportation and sub agencies to discuss the areas that require coordination. The Nebraska pilot project and an award-winning SHRP2 project have been awarded to the ITS Heartland chapter at ITSHeartland.org.

CURRENT TSMO ACTIVITIES:
- Nebraska TSMO
  - Preparing for TSMO
  - Planning and applying for a TSMO training project
- Iowa TSMO
  - Conducting a statewide TSMO Plan in 2016
  - Maintaining a TSMO Advisory Council
  - Piloting new TSMO in Live Training Sessions

RESULTS TO DATE
The Nebraska TSMO project has reached over 1,000 people in webinars, live trainings, archived session viewings and other outreach efforts. The webinars and in-person training sessions have helped advance TSMO awareness in Nebraska and beyond. The project has also been recognized with three national awards:

1. National Operations Center of Excellence - Improving Agency TSMO Capabilities Award
2. ITE Education Council - Innovation in Education Award
3. ITE TSMO Council - Best Project/Organization Award

FOCUSED TRAINING:
- Phase 1
  - TSMO Training for Varied Audiences
- Phase 2
  - TSMO Training for Varied Audiences

PROJECT AWARDS
The Nebraska TSMO project training program was recognized in 2019 with three national awards:
1. National Operations Center of Excellence - Improving Agency TSMO Capabilities Award
2. ITE Education Council - Innovation in Education Award
3. ITE TSMO Council - Best Project/Organization Award