Communications Resources

**Communicating TSMO — Webpage and Outreach Materials**
Outreach materials that transportation systems management and operations (TSMO) champions and staff can use to explain TSMO and its value and highlight the importance of advancing and mainstreaming TSMO to improve system operations and safety. Materials include presentations, links to videos from FHWA and States, peer exchange reports, testimonials, brochures, factsheets, and case studies. Some material is specifically targeted to speak to CEOs.

Available at: [https://ops.fhwa.dot.gov/plan4ops/focus_areas/communicating_tsmo.htm](https://ops.fhwa.dot.gov/plan4ops/focus_areas/communicating_tsmo.htm)

**Integrated Corridor Management: Making the Case to Executive Leadership**
Nine-minute video that provides a high-level overview of the Integrated Corridor Management (ICM) approach to transportation management. This video can help agencies explain to partners and other stakeholders how developing a regional ICM strategy can improve response to events and demand fluctuations that have an impact on the transportation system.

Available at: [https://www.youtube.com/watch?v=xWPyzgFlf7w&feature=youtu.be](https://www.youtube.com/watch?v=xWPyzgFlf7w&feature=youtu.be)

**Communicating TSMO to Other Programs**
Factsheet series discussing how TSMO supports, impacts, and otherwise relates to other transportation agency functions. Nine factsheets focus on how TSMO relates to: Asset Management, Construction, Design, Environment, Human Resources, Maintenance, Performance Management, Planning, and Safety. Also, five factsheets and other resources to strengthen the linkage between TSMO and Information Technology are in various stages of development. Currently, one factsheet and two recorded webinars are available.

Available at: [https://ops.fhwa.dot.gov/plan4ops/focus_areas/integrating/tsmo_factsheets.htm](https://ops.fhwa.dot.gov/plan4ops/focus_areas/integrating/tsmo_factsheets.htm)

Technical Reports, Training, Websites, and Tools

**Asset Management for Operations**
Updated webpage that provides resources to help practitioners apply the principles of asset management to maintain a state of good repair for the technology they deploy. Resources include:

- Connecting TSMO and Asset Management
- Tools for Operations Benefit Cost Analysis (TOPS-BC)
- Handbook for Including Ancillary Assets Transportation Asset Management Programs
- NCHRP 08-36/Task 114 Transportation Asset Management for Ancillary Structures
- Identification of Operation Assets

Available at: [https://ops.fhwa.dot.gov/program_areas/ops-asset-mgmt.htm](https://ops.fhwa.dot.gov/program_areas/ops-asset-mgmt.htm)
Making the Business Case for Institutional, Organizational, and Procedural changes for TSMO
One-hour modular web-based training course building off the material in “Advancing TSMO: Making the Business Case for Institutional, Organizational, and Procedural Changes.” This course (FHWA-NHI-133128), offered through FHWA’s National Highway Institute (NHI), and the earlier guide help agencies advance their capabilities for TSMO.
Available at: https://www.nhi.fhwa.dot.gov/course-search?tab=0&typ=3&cat=5&sf=0&course_no=133128

2020 Urban Congestion Trends: Leveraging Data to Improve Operations Performance
Report on congestion trends, showing large improvements in 2020 versus 2019, due primarily to effects of the pandemic. Three measures—Travel Time Index (Peak Hour Travel), Planning Time Index (Reliability), and Hours Under Congested Conditions—are reported as national aggregate measures based on results in the 52 urbanized areas with the largest populations in the United States. The report includes case study examples of operational strategy evaluations.
Available at: https://ops.fhwa.dot.gov/publications/fhwahop22010/index.htm

Specialty Lanes in the United States
Compendium of specialty-lane facilities in the United States and Puerto Rico as of the end of 2019. A specialty lane is any lane or facility that is not a general-purpose highway. The report and summary aggregates nearly 500 facilities across 10 classes of use, such as high-occupancy vehicle (HOV), express lanes, toll roads, truck lanes, bus lanes, and part-time shoulder, and covers information such as how many miles of each type and in what States they exist. It is a “snapshot in time” and not continually updated.
Available at: https://ops.fhwa.dot.gov/freewaymgmt/mngd_lns_hov.htm

Analysis of Travel Choices and Scenarios for Sharing Rides
Report on the results of a study done to gain a deeper understanding of the factors influencing traveler decisions about driving or taking a shared ride. The study examined trade-offs among features of different travel options and trip price and whether mode-shifting incentives and disincentives could be applied to encourage sharing and active mode trips that reduce vehicle miles traveled and congestion. The study analyzed scenarios of varying cost and time differentials that may influence the likelihood of sharing rides.
Available at: https://ops.fhwa.dot.gov/publications/fhwahop21011/index.htm

2020 Organizing for TSMO Peer Exchange
Report on an FHWA-hosted peer exchange with a group of TSMO leaders to share their agencies’ experiences in advancing TSMO programs. Representatives from 15 organizations participated in the peer exchange, including from State departments of transportation, metropolitan planning organizations, and a regional transportation commission. The event included four main sessions: organizational improvements; collaboration and partnerships; making the business case and branding for TSMO; and priority issues for further exploration.
Available at: https://ops.fhwa.dot.gov/publications/fhwahop20046/execsum.htm

Resources Coming Soon
• Applying Asset Management to Traffic Signals
• Applying Asset Management to Intelligent Transportation Systems
• Health Index and Performance Measures for ITS Assets
• How to Leverage IT Resources to Improve TSMO
• Infographics on Mainstreaming TSMO and TSMO Benefits