Transportation Systems Management & Operations

FDOT Statewide Strategic Plan
&
District 4 Master Plan

www.PalmBeachMPO.org
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Transportation Systems Management and Operations (TSM&O)

Practice involves “taking back” capacity lost to:
- Congestion
- Incidents
- Traffic control delay
- Construction
- Weather

Examples of TSM&O:
- Traffic condition monitoring
- Active traffic signal management
- Transit signal priority
- Managed lanes
Mission: Identify, prioritize, develop, implement, operate, maintain, and update TSM&O strategies and measure their effectiveness for improved safety and mobility

- 3 – 5 year time horizon
- Mobility issues can’t be fully addressed without TSM&O
- Move TSM&O towards an optimized mainstreamed program delivering system-wide safety and mobility benefits
Strategic Plan supported by the Smart Action Plan

High level document

Not project specific

The Action Plan will move FDOT closer to a fully mainstreamed outcome-based TSM&O program
Includes Palm Beach & Broward Counties

Purpose: Identify corridors and strategies to promote inclusion of TSM&O consideration in development

Timeframes:
- Short-Term (2017-2025)
- Mid-Term (2026-2035)
- Long-Term (2036-2045)

MPO Role: Critical in identify and prioritizing TSM&O projects based on regional needs
TSM&O District 4 Master Plan: Goals

Address mobility – where capacity improvements are not possible

Create a TSM&O network
  – Identify needs and strategies
  – Prioritize improvements

Encourage locally driven projects

Manage and leverage existing network and ITS infrastructure

Serve as resource for (SEFTC) 2045 RTP
TSM&O District 4 Master Plan

Next Steps:

Finalize Master Plan including corridors

Add TSM&O considerations into every project

Identify funding for construction operations and maintenance of projects