


Management and Operations Strategy Paper

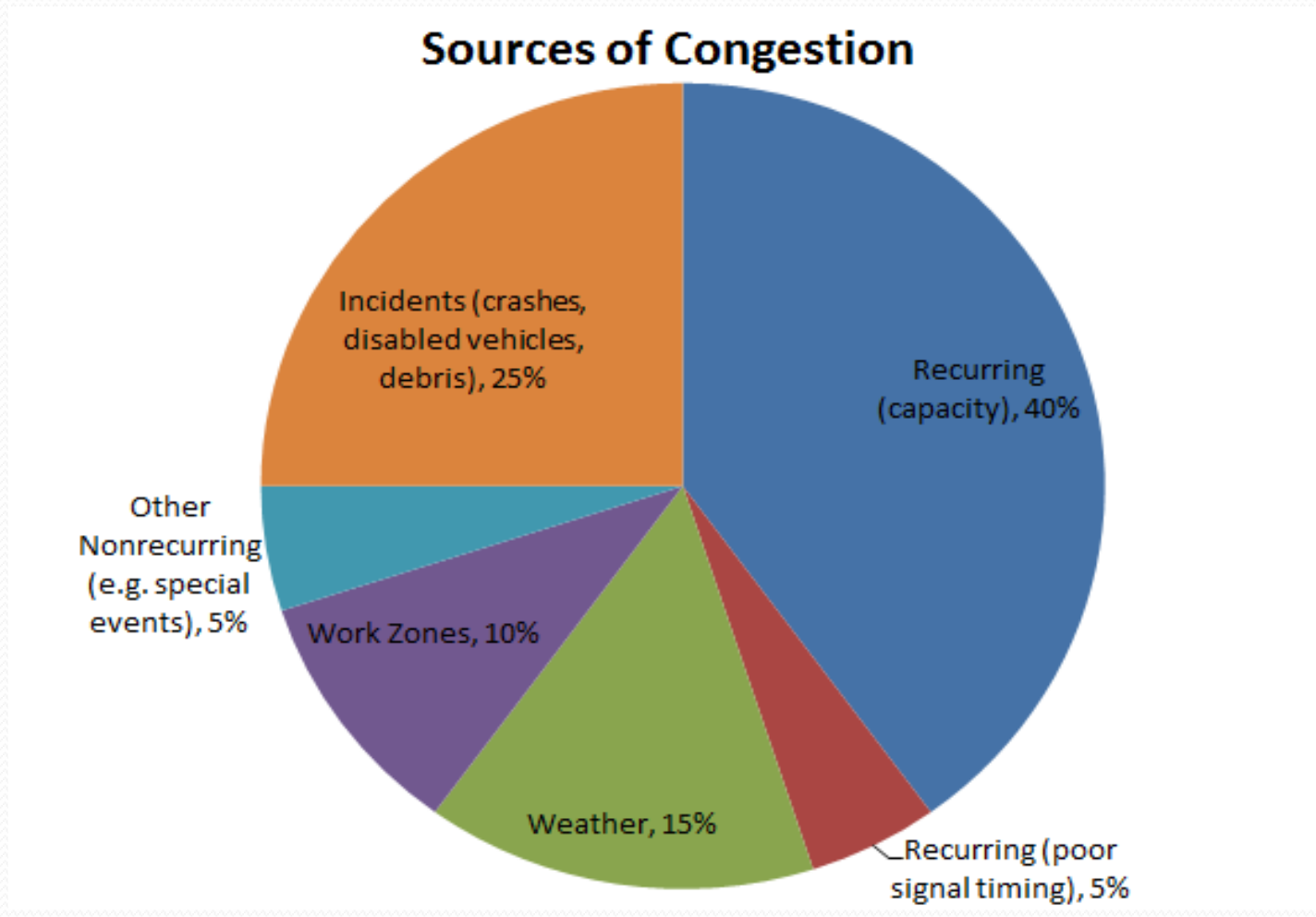
October 29, 2015



The regional vision developed in 2008 describes a future transportation system that:


- Reduces delays
- Improves reliability
- Improves safety

Sources of Congestion: National Summary



Source: FHWA Office of Operations

http://www.ops.fhwa.dot.gov/congestion_report/executive_summary.htm#overview



“GO TO 2040 recommends that the region prioritize investments towards strategic enhancements and modernization of the transportation system.”
(GO TO 2040)

Tasks

- Research other MPOs and FHWA recommendations
- Identify operations strategies
- Work with agencies
- Prioritize strategies, locations and implementation activities
- Generate recommendations for the 2018 comprehensive plan

Timeline

- Implementer meetings November 2015
- MPO Role Description December 2015
- Strategy inventory and prioritization
November 2015-January 2016
- Location prioritization December 2015-
March 2016
- Draft paper March 2016

Three Big Ideas

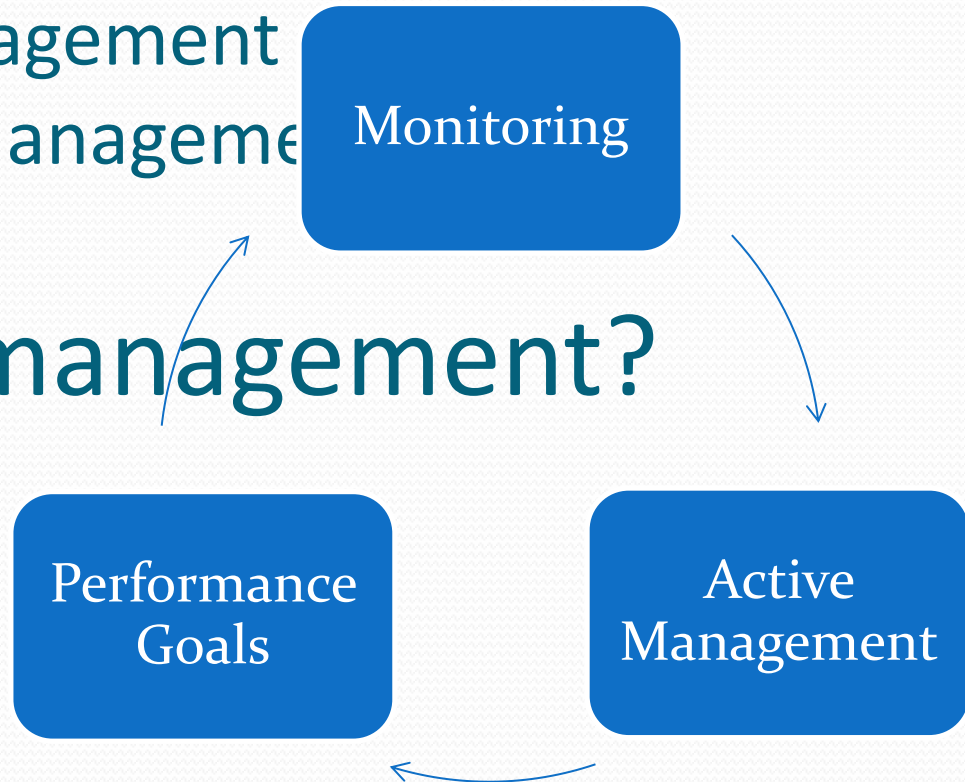
- Modern Expressway Management
- Modern Arterial Management
- Integrated Corridor Management

Monitoring

What is modern management?

Performance
Goals

Active
Management



Modern Highway Operations Includes

Expressways	Arterials
Monitoring	Monitoring
Incident Management	Incident Management
Construction Management	Construction Management
Freight Improvements	Freight Improvements
Automated Enforcement	Automated Enforcement
Weather Management?	Weather Management?
Lane and Junction Control	Signals
	Geometric Treatments
	Transit Environment
	Parking Management

Integrated Corridor Management

- Load balancing
- Dynamic traffic control or special signal controls to accommodate changing conditions
- Includes transit
- High degree of interagency coordination

ITS Supports Management & Operations

- Complete real time data
- Well-informed system operators
- Well-informed travelers
- Cooperative vehicles and roadside technologies

Traffic Management Centers and Communications

- Traffic management centers
- Communications infrastructure -current state, gaps, anticipated needs
- Center to center integration

Feedback

- Do you agree with the three big ideas? Modern Expressway Operations, Modern Arterial Operations, and Integrated Corridor Management?
- How should we address communications infrastructure?
- How do you feel about an incident management forum?