

TRANSPORTATION DEMAND MANAGEMENT AND TRANSPORTATION SYSTEM MANAGEMENT

WHAT IS TDM?

Measures that reduce single occupant vehicles.

- Employer Trip Reduction Programs
 - Flex time
 - Compressed work week
 - Telecommuting
 - Ride sharing (car pool/van pool)
- Regional Ridesharing
 - Park & Ride
 - HOV lanes
- Regulatory Measures
 - Land use plans
 - Growth management
 - Parking fees
 - Road user fees (tolling)
 - Zoning changes/Mixed use development
 - Access management



WHAT IS TSM?

Measures to improve safety and capacity

- Intelligent Transportation Systems (ITS)
 - Motorist advisory / alternative routing & diversion
 - Advanced traveler information system
 - Incident detection and management
 - Traffic surveillance and control systems
 - Signal improvements
 - Response time improvements / clearance time improvements
- Congestion Management
 - Access control to available development sites
 - Ramp metering
 - Reversible lane control
 - Intersection turn restrictions / exit only lanes
 - Elimination of bottlenecks
 - Roadway restrictions
 - Use of shoulder lanes
 - Roadway signage
- Geometric Improvements
 - Express or collector / distributor lanes
 - Redesign of interchanges
 - Roadway realignment / widening
 - Travel lane improvements
 - Channelized turning bays
 - Modification / construction of on- and off-ramps

NON-AUTO TRANSPORTATION

- Transit Enhancements
 - Bus initiatives
 - New routes
 - Fixed routes
 - Demand responsive service
 - Flexible routes
 - Increased service frequency
 - Bus rapid transit
 - Exclusive busway
 - Rail initiatives
 - Light rail
 - Commuter rail
- Pedestrian/Bicycle Enhancements

