WHAT is TSMO?

An integrated approach to programmatic optimization of planning, engineering, operations, and maintenance to effectively manage and operate existing facilities and systems and maximize their full service potential.



WHY TSMO?



System operating at/over capacity Multiple priorities (SOGR, Safety, Mobility, Capacity, Economy)

DEMAND



MD VMT and congestion levels at all time high one of the most congested regions in US **Technology** is playing a huge role for travel decisions (commute, shop, other)

HOW is TSMO implemented?

Through the consideration and addition of any or a combination of the following as a transportation solution



WORK ZONE MANAGEMENT



FREEWAY/ ARTERIAL MANAGEMENT

TRAFFIC SIGNAL COORDINATION







HOMELAND SECURITY PREPAREDNESS



EMERGENCY RESPONSE







MAINTENANCE FLEET MANAGEMENT

CONNECTED AND AUTOMATED VEHICLE (CAV) TECHNOLOGY





TRAVELER INFORMATION

INTEGRATED CORRIDOR MANAGEMENT **TRANSPORTATION DEMAND** MANAGEMENT

RAMP METERING HARD SHOULDER RUNNING





REVERSIBLE LANES















SMART



TSMO makes sense.

Compared to capacity expansion, TSMO strategies:

- Address all sources of congestion recurring + non-recurring
- · Are inexpensive and cost-effective
- · Take little or no extra right-of-way
- · Can be deployed in months rather than years