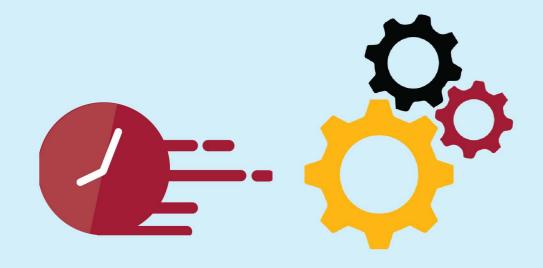
## WHAT is TSMO?

An integrated approach to planning, engineering, operating, and maintaining existing facilities to maximize their full-service potential, and ultimately improve the safety, security, and reliability of our transportation network.



## WHY TSMO?

#### **SUPPLY**



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

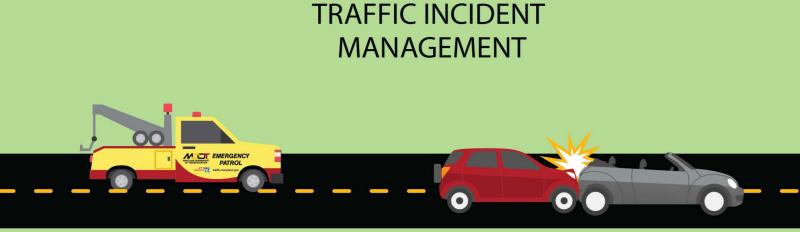
#### DEMAND



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

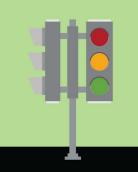






FREEWAY/ **ARTERIAL MANAGEMENT** 

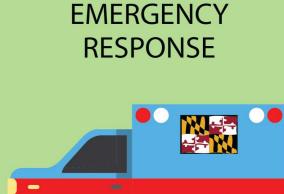














MAINTENANCE FLEET **MANAGEMENT** 

**CONNECTED AND AUTOMATED VEHICLE (CAV) TECHNOLOGY** 

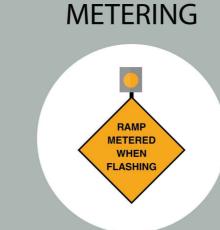








**TRANSPORTATION DEMAND MANAGEMENT** 



**RAMP** 

HARD SHOULDER **RUNNING** 



**MANAGED LANES** 



**SMART SIGNALS** 



**REVERSIBLE** LANES





**INTEGRATED** 

**CORRIDOR** 









## 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