

# Maintenance Fleet Management

Improve the efficiency of maintenance activities and extend the lifespan of transportation infrastructure and maintenance equipment.



## TRANSPORTATION NEEDS ADDRESSED

- Safety
- Work Zones
- Reliability
- Mobility
- Special Events
- Incident Response

## COST MAGNITUDE



## HOW WILL THIS HELP?

- ✓ Improve both safety and mobility by respond quickly and efficiently to roadway issues according to a well thought-out plan for maintenance resource allocation.
- ✓ Reduce risks to safety by keeping vehicles moving over well-maintained roads.

## HOW DOES IT WORK?

- ✓ Improve the efficiency of maintenance activities and extend the lifespan of transportation infrastructure and maintenance equipment.
- ✓ Maintenance managers follow standard procedures and use technology to collect data on maintenance vehicles, such as their location and status, in order to improve the efficiency of operations.
- ✓ Real-time and historical data can be used to update maintenance policies and procedures.

## WHEN TO CONSIDER THIS STRATEGY

- ✓ CONGESTED CORRIDORS WITH HIGH CRASH RATES
- ✓ CORRIDORS WITH MANAGED LANES
- ✓ CORRIDORS CONSIDERED AS OF PRIMARY IMPORTANCE TO THE TRAVELING PUBLIC

## COMPLIMENTARY STRATEGIES

- ✓ INCIDENT MANAGEMENT
- ✓ ROADWAY WEATHER MANAGEMENT
- ✓ SMART WORK ZONE
- ✓ WORK ZONE MANAGEMENT

### CONSIDERATIONS

- + REQUIREMENTS FOR MAINTENANCE OPERATIONS.
- + ADDRESS THE NEED FOR SOFTWARE ENHANCEMENTS.