## Transportation System Operational Improvements

### Freeway System Operations

**Operational Improvements on I-5 and I-405:**
- Enhanced technology to monitor traffic and improve response to traffic incidents
- Improved Motorist Information Systems
- Freeway Chokepoint & Minor Interchange Improvements
- Results in increased efficiency of the freeway system overall, with improved traffic flow at chokepoints and congestion hotspots

### Arterial Roadway System Operations

**Operational Improvements on Major Arterials:**
- Safety and operational improvements such as improved traffic signals and additional turn lanes at intersections
- “Smart Street” elements such as signal coordination, bus turnouts, and intersection improvements along arterial roadway corridors
- Results in improved traffic flow and reduced delay on the arterial system

### Advanced Traffic Management Systems (ATMS)

**Monitors and controls both freeway and arterial traffic systems:**
- Video Detection System to provide automated monitoring of traffic conditions
- Closed Circuit Television Traffic Surveillance
- Data links between City and Caltrans Traffic Management Centers
- Additional traffic signal coordination and smarter traffic signals
- Provides ability to quickly adjust traffic control systems to respond to varying traffic conditions and traffic incidents to minimize delay

### Advanced Traveler Information Systems (ATIS)

**Provides reliable, accurate, and timely information on current traffic conditions to travelers:**
- Continuously distributes real time information on traffic conditions via Changeable Message Signs (CMS), internet, and in-vehicle systems
- Improves travelers’ ability to choose quickest routes, potentially reducing travel times