

Transportation System Operational Improvements



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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