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Management & Operations
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COLORADO
Department of Transportation
Transportation System
Management & Operations

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Travel Details



At your finger tips!



COLORADO
Department of Transportation
Transportation System
Management & Operations



To systematically improve travel time reliability and safety on Colorado highways through technology, innovative programs, traffic management activities, and safety improvements to maximize the return on investment of transportation funds.

Our Mission



Transportation Systems Management and Operations

Technology

Uses sophisticated interconnected technology to improve traffic flow without adding capacity.



Provides real-time monitoring of traffic conditions, greatly improving roadway function and traffic flow.

Manages technology assets including Intelligent Transportation system Solutions, Adaptive traffic signals, Ramp metering, Friction sensors, Variable speed limits, Message Boards, Connected Vehicles/Autonomous Vehicles

Active Traffic Management and Operations

Provides real-time traffic monitoring, dispatches courtesy patrols, manages event related congestion, and coordinates with other emergency service providers.

Manages 511 and Weather Information.



Corridor Management and Incident Command

Keeps highways open and travel reliable.

Manages Denver Metropolitan Interstate and Highway Corridors.

Manages I-70 Mountain corridors from Joint Operations Center located at the Eisenhower-Johnson Memorial Tunnels.

Manages Courtesy Patrol and Heavy Tow Programs.

Quickly dispatches Incident Commanders to respond to distressed vehicles, crashes, debris, spills, or other natural disasters to mitigate impacts to traffic flow.

Provides extensive collaboration with EMS, local law enforcement, and Colorado State Patrol.

Coordinates with CDOT Regions to Develop Corridor Coalitions.



Traffic Safety

Uses data and engineering to reduce the annual crash related impacts of 500 fatalities, 3200 serious injuries and 100,000 crashes, which are the principal source of temporary capacity losses in urban areas, ultimately striving for zero traffic fatalities in Colorado.

Focuses on improving Bicycle/Pedestrian safety, Occupant Protection, Infrastructure, Distracted Driving, Impaired Driving, Motorcyclists, Data Needs, Young Drivers, and Aging Road Users.

Conducts operation evaluations for CDOT projects to examine where operational improvements might improve safety, mobility and return on investment.



Planning and Performance Metrics

Focuses on "Thinking Operations First".

Utilizes Performance Metrics to analyze, Big Data and Analytics, MDSS weather data, and several other sources of information to improve traffic flow to prioritize projects with high benefit-cost, quick implementation, and short and long term benefits to the existing transportation function.

Develops statewide Transportation Demand Management Plan.

Implementing TSMO initiatives can provide system benefits while demonstrating state or local governments' ability to be good stewards of taxpayer dollars.

