



**Summarized list of strategies from the 32 studies
(Summarized into categories based on their descriptions)
April 12, 2016**

Strategy	Implemented	Category
Geometry/Design	Yes	Bridge
Shuttle	No	Bus
Transit	No	Bus
Express Ski Bus	Yes	Bus
Park and Ride	Yes	Bus
Rental Car Options	No	Bus
Bus on Shoulder	No	Bus
Bus Guideway/Other	No	Bus
Bus Queue Jump	No	Bus
TDM	n/a	Bus
Chain Law	Yes	Chains
Chain Stations	Yes	Chains
Chain Assistance	Yes	Chains
Alternate traction devices	Yes	Chains
Chain Station enhancements	Yes	Chains
Traction Law	Yes	Chains
Chain Station Separation	Yes	Chains
TDM	n/a	Chains
Motorist Assist	Yes	Courtesy Patrol
Heavy Tow	Yes	Courtesy Patrol
User Assist Fees	No	Courtesy Patrol
Travel Time	Yes	Courtesy Patrol
Weather Data	No	Courtesy Patrol
Increase Enforcement	No	Enforcement
Dummy CCTV	No	Enforcement
Air Patrol	No	Enforcement
Electronic Enforcement	No	Enforcement
TDM	n/a	Enforcement
TDM	n/a	Freight
Truck Parking	Yes	Freight
Truck Restrictions	No	Freight
Allow Longer Combo Vehicles	No	Freight
Truck Climb Lanes	No	Freight
Truck Stops	No	Freight
Dumont Port Improvements	No	Freight



Strategy	Implemented	Category
Downieville Port Improvements	No	Freight
Brake Check Areas	No	Freight
Run Away Truck Ramps	No	Freight
Slow Moving Vehicle Lanes	No	Freight
Truck Operations	No	Freight
Speed Harmonization	No	Freight
Acceleration Deceleration Lanes	No	Geometric Design
Interchange Improvements	No	Geometric Design
Emergency Turn Arounds and Pullouts	No	Geometric Design
Additional Capacity/Safety and Frontage Roads	No	Geometric Design
Alternate Route Improvements	No	Geometric Design
Bike Path	No	Geometric Design
Noise	No	Geometric Design
TDM	n/a	ITS
Tolling and Tolling Equipment	Yes	ITS
Variable Speed Limits	Yes	ITS
Active Traffic Management	Yes	ITS
Peal Period Shoulder Lane	Yes	ITS
ITS Infrastructure	Yes	ITS
Connected Vehicle Technology	No	ITS
Queue and Warning Systems	Yes	ITS
Messaging to the Public	Yes	ITS
Ramp Meters	Yes	ITS
ITS Software Systems	Yes	ITS
TIM	Yes	ITS
TMC Operations/Joint Operations Center	Yes	ITS
Predictive Traveler Information	No	ITS
Increase Maintenance Snow and Ice Removal	Yes	Maintenance
Snow Slide Mitigation	Yes	Maintenance
Bridge De-icing	No	Maintenance
Weather Information and Equipment	Yes	Maintenance
Paving and Pavement Repairs	No	Maintenance
Increased Snow Storage	Yes	Maintenance
Loveland Pass Maintenance	No	Maintenance
Maintenance Mechanics	Yes	Maintenance
Reversible Lane	No	Managed Lane
Peak Period Shoulder Lane/Hard Shoulder/Managed Lane	Yes	Managed Lane
TDM	n/a	Management Agreement
Generate Revenue	Yes	Management Agreement



Strategy	Implemented	Category
Equipment Replacement Strategy	Yes	Management Agreement
Training and Manuals	Yes	Management Agreement
Retention and Resource Sharing	Yes	Management Agreement
Maintenance Fleet Replacement	Yes	Management Agreement
Privatize Operations or Public Private Partnerships	No	Management Agreement
Dedicated Staffing to I-70 only	No	Management Agreement
Communications Liaison With Communities	No	Management Agreement
Study	No	Management Agreement
Wildlife Improvements	No	Management Agreement
CMCA Coordination	No	Management Agreement
Alternate Guideway	No	Management Agreement
Communications	No	Management Agreement
Continuous Flow Metering	Yes	Metering
Ramp Meters	Yes	Metering
Tunnel Metering	Yes	Metering
TDM	Yes	Public Information/Education
Advanced Guideway/Fixed Guideway	No	Rail
Closure Traveler Information	Yes	Road Closures
Pre-Emptive and/or staged closures and openings	Yes	Road Closures
TDM	n/a	Road Closures
Detours	Yes	Road Closures
Closure Guidelines	Yes	Road Closures
Shelters	Yes	Road Closures
Close Ports	Yes	Road Closures
Close/Open Loveland Pass (protocols)	Yes	Road Closures
TDM	Yes	Safety
Rest Areas	Yes	Safety
Rock Fall	Yes	Safety
Signing and Striping (improved/enhanced)	Yes	Signing and Striping
Signing	Yes	Signing and Striping
Lighting	Yes	Signing and Striping
Special Events	Yes	Special Events
TDM	n/a	TDM
Traffic Incident Management Strategies	Yes	TIM
Accident Investigation Survey Equipment	Yes	TIM
Reporting Requirements	Yes	TIM
Hazardous Materials Management	Yes	TIM
Communications and Communications Devices	Yes	TIM
Media, Reporting and Social Media	Yes	TIM



Strategy	Implemented	Category
TIM Safety and Protocols (Flagging, Landing Zones, Warning Light, etc.)	Yes	TIM
Avalanche Protocols	Yes	TIM
Emergency Work	Yes	TIM
Emergency Parking	Yes	TIM
TDM	n/a	TIM
Speed Harmonization	No	Traffic Management
Traffic Escorts	No	Traffic Management
Access Management	No	Traffic Management
Traffic Control	No	Traffic Management
Parking (non emergency)	No	Traffic Management
Adjacent Corridor Improvements	No	Traffic Management
Fast Pass	No	Traffic Management
EJMT Fire Suppression System	Yes	Tunnels
Tunnel Lighting	Yes	Tunnels
Overheight Detection	Yes	Tunnels
Tunnel Widening	Yes	Tunnels
Hazardous Materials Protocols	Yes	Tunnels
Tunnel ITS	Yes	Tunnels
Tunnel Congestion Pricing	No	Tunnels
Traffic Control	No	Work Zones
Portable Message Boards	Yes	Work Zones