



I-70 Mountain Corridor CSS

Partnerships Powered by Context

Strategies

The I-70 Mountain Corridor stakeholders provided the following list of strategies during the I-70 Mountain Corridor Context Sensitive Solutions (CSS) team workshops and public open houses. These strategies should be considered when developing and refining alternatives. This is not a comprehensive list; existing and future stakeholders may provide additional strategies for consideration.

Sustainability Strategies

- Aesthetic Guidance
- ALIVE Memorandum of Understanding (MOU)
- I-70 Mountain Corridor CSS Guidance
- County-Wide Coordination Meetings
- Consideration of cumulative impacts
- I-70 Mountain Corridor CSS Decision Process
- Emergency response and incident management plans
- Regional planning
- Heritage tourism plans
- Historic Context Report (Multiple Property Document)
- Intelligent Transportation System (ITS)/ Travel Demand Management (TDM) Plan
- Local sustainability plans
- SWEEP MOU
- Technical Teams
- Global, regional, and local trends
- Specific design strategy -- address mine waste concerns



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Safety Strategies

- ALIVE MOU
- Avalanche forecasting program
- CDOT crash rates and analysis
- CDOT Field Log of Structures and Pavement Database
- Chain station workshops and Chain Station Plan
- Consideration of cumulative impacts
- Emergency response and incident management plans
- Law enforcement involvement
- ITS/TDM Plan
- Maintenance management plans
- Specific design strategy -- address geologic hazards
- Specific design strategy -- high-speed elevated transit
- Specific design strategy -- dynamic speed control
- Specific design strategy -- tunnels and overhangs for rock fall mitigation
- Best practices and state-of-the-art barrier technology
- Best practices and state-of-the-art geotechnical design

Healthy Environment Strategies

- Aesthetic Guidance
- Advanced Guideway System (AGS) implementation
- Air quality -- studied in all Tier 2 environmental documents
- Cumulative impacts -- studied in all Tier 2 environmental documents
- I-70 Mountain Corridor CSS Decision Process
- Emergency response and incident management plans for hazardous waste
- Compatibility with local land use plans
- Sustainability indicators
- Consideration of noxious weeds
- Research of environmentally friendly de-icers
- Specific design strategy -- truck parking locations
- Specific design strategy -- bridges instead of culverts
- Specific design strategy -- minimize vertical profile grades
- Specific design strategy -- address mine waste concerns
- Consideration of storm events
- SWEEP MOU
- TDM



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Historic Context Strategies

- Aesthetic Guidance
- I-70 Mountain Corridor CSS Guidance
- I-70 Mountain Corridor CSS Decision Process
- Historic Context Report (Multiple Property Document)
- I-70 Coalition Land Use Planning Study
- Noise mitigation
- Compliance with the Section 106 Programmatic Agreement
- Specific design option -- signature interchanges
- Specific design or mitigation option -- pedestrian and bike systems

Community Strategies

- Aesthetic Guidance
- ALIVE MOU
- Alternative funding sources
- Complete bike paths
- I-70 Mountain Corridor CSS Guidance
- I-70 Mountain Corridor Planning
- Cost/benefit analysis
- I-70 Mountain Corridor CSS Decision Process
- Emergency response and incident management plans
- Historic Context Report (Multiple Property Document)
- Life cycle costs
- Longer design life for projects
- SWEEP MOU
- Local designers
- Specific design or mitigation strategy -- efficient use of construction resources
- Specific design strategy -- longer design life for projects
- Specific design or mitigation strategy -- utilize phasing to reduce construction durations
- Specific design strategy -- address mine waste concerns

Mobility and Accessibility Strategies

- I-70 Mountain Corridor CSS Decision Process
- Education of drivers on grades and interstate conditions
- Lane restriction enforcement
- Peak time restriction on heavy vehicles
- Restriction of trucks and RVs
- TSMs/TDMs
- Specific design strategy -- inter-community transit systems
- Specific design strategy -- transit connections to destinations off the corridor



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Aesthetic Strategies

- Aesthetic Guidance
- I-70 Mountain Corridor CSS Guidance
- I-70 Mountain Corridor CSS Guidance -- Lessons Learned
- Historic Context Report (Multiple Property Document)