

I-70 Mountain Corridor Workshop for Visual and Aesthetic Guidance



Aesthetic Guidance

I-70 Mountain Corridor, CSS Process

WELCOME

Please review the regional maps and
provide any additional comments
we may have missed

- Review of previous workshop (May 29)
- What is the Consensus Recommendation?
- Aesthetic Guidance Framework
- Focus of Today's Workshop and Expected Results
- Next Steps after this Workshop

***Aesthetics**, inspired by the surroundings, will protect scenic integrity and incorporate the context of place. Timeless design continues the corridor's legacy.*

- Planning for aesthetic quality applies to the entire I-70 mountain corridor.
- Planning efforts must unify the corridor and consistently manage design implementation to avoid piece meal efforts over the next thirty years.
- Highlight the special and unique aesthetic character of the various segments within the corridor.

Aesthetic Design Principles

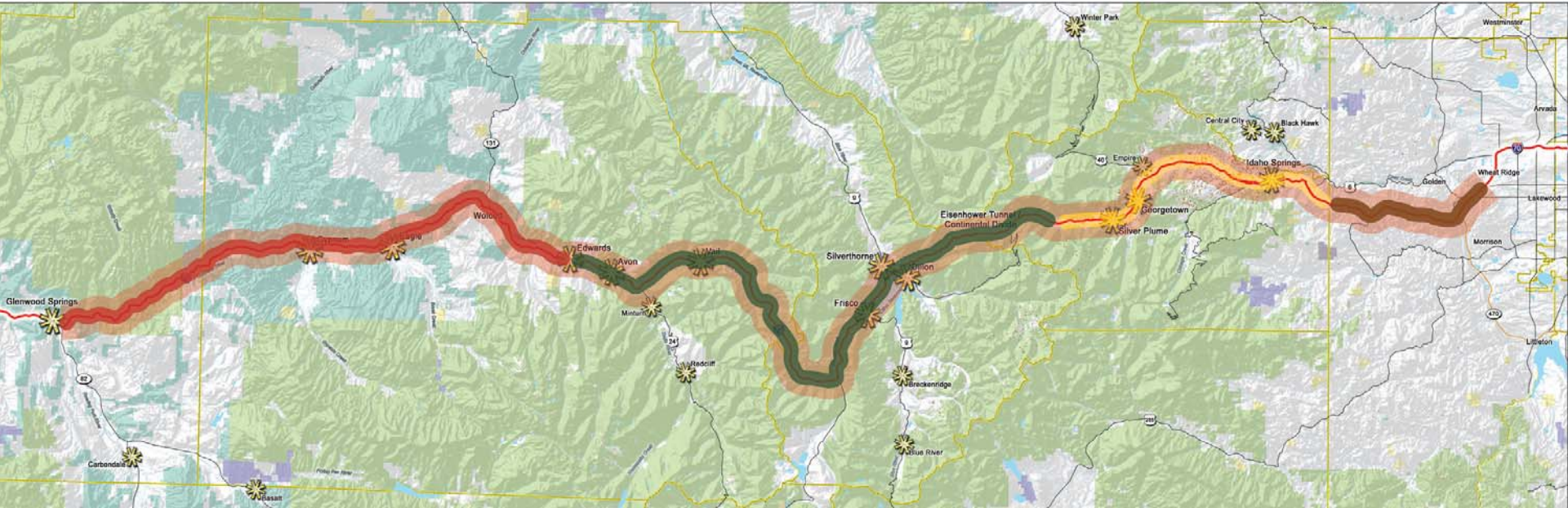
- Connect to the setting, harmonize with the surroundings and be a light touch on the land, subservient to the landscape.
- Reflect I-70 as a major regional and national transportation corridor. Celebrate crossing the Rocky Mountains with a high country experience.
- Respect urban, rural and natural settings.
- Draw upon and regenerate the context of place.

- **Aesthetic treatments shall:**
 - Support safety and mobility. “Enjoy the journey without unexpected design.”
 - Support communities and regional destinations by providing direct and subliminal messaging for gateways, connections, access and identification.
 - Maintain a sense of the greater whole.
 - Respect the current time and place.
 - Integrate with functional elements.
 - Borrow materials from the landscape.
 - Showcase key views while buffering inconsistent views.

I-70 Mountain Corridor Design Segments

Western Slope Canyons and Valleys

Mountain Mineral Belt



Crest of the Rockies

Front Range
Foothills

Aesthetic Guidance

I-70 Mountain Corridor, CSS Process




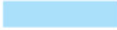




I-70 Mountain Corridor CSS
Partnerships Powered by Context

August 20, 2009

- Discussed Design Segment characteristics and adjusted boundaries to better relate to topography, vegetation, and communities.
- Identified various functions of the corridor in each Design Segment
- Located key locations and specific issues within each Design Segment. See Maps along the wall.

- **Multi-Modal System Solution**
 - Travel Demand Management and Traffic Management System Improvements
 - Specific Areas of Safety and Interchange Improvements
 - Advance Guideway System
 - Specific Areas of Highway Widening

Consensus Recommendation

-  Potential Interchange Modification Locations
-  Eastbound Auxiliary Lane Locations
-  Westbound Auxiliary Lane Locations
-  Curve Safety Modifications
-  6-Lane Highway Widening
-  Advanced Guideway System (AGS)



Aesthetic Guidance

I-70 Mountain Corridor, CSS Process



Consensus Recommendation

Exceptional Corridor with Low Speed Limit Waiver and Award-Winning Environmentally Sensitive Design



Aesthetic Guidance

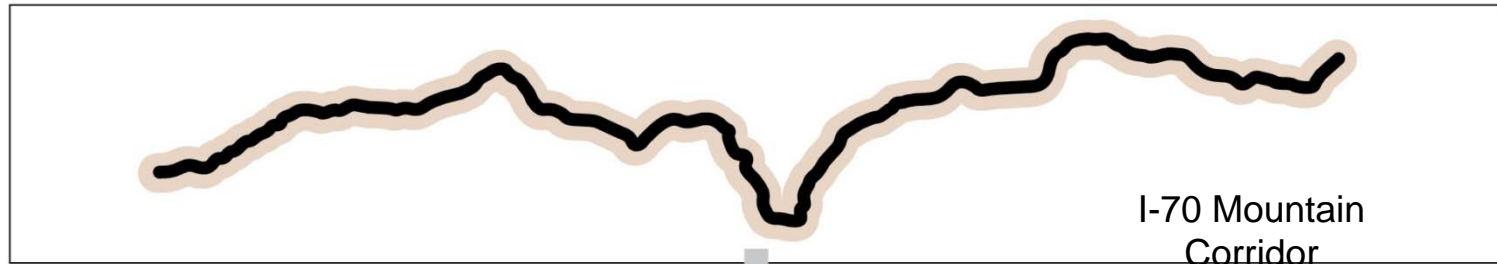
Advanced Guideway System (AGS)



Aesthetic Guidance

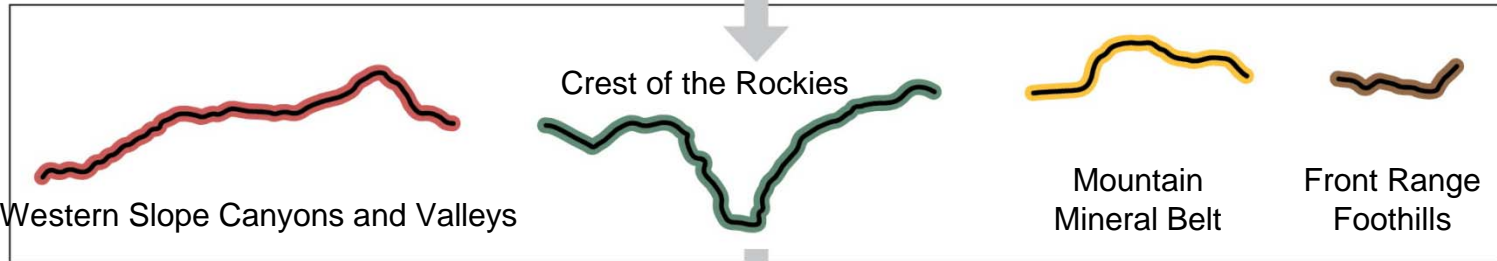
I-70 Mountain Corridor, CSS Process

Aesthetic Guidance Framework



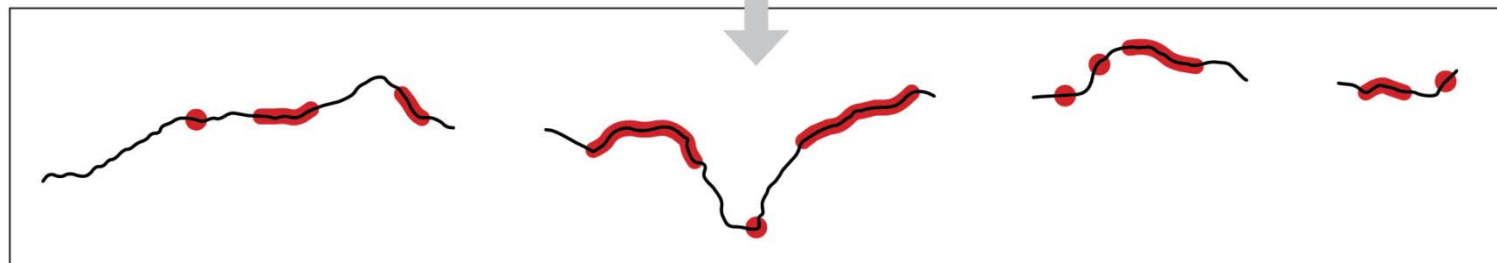
Overall Corridor Guidance

Completed Under CSS Guidance



Segment Specific Guidance

Completed Under CSS Guidance



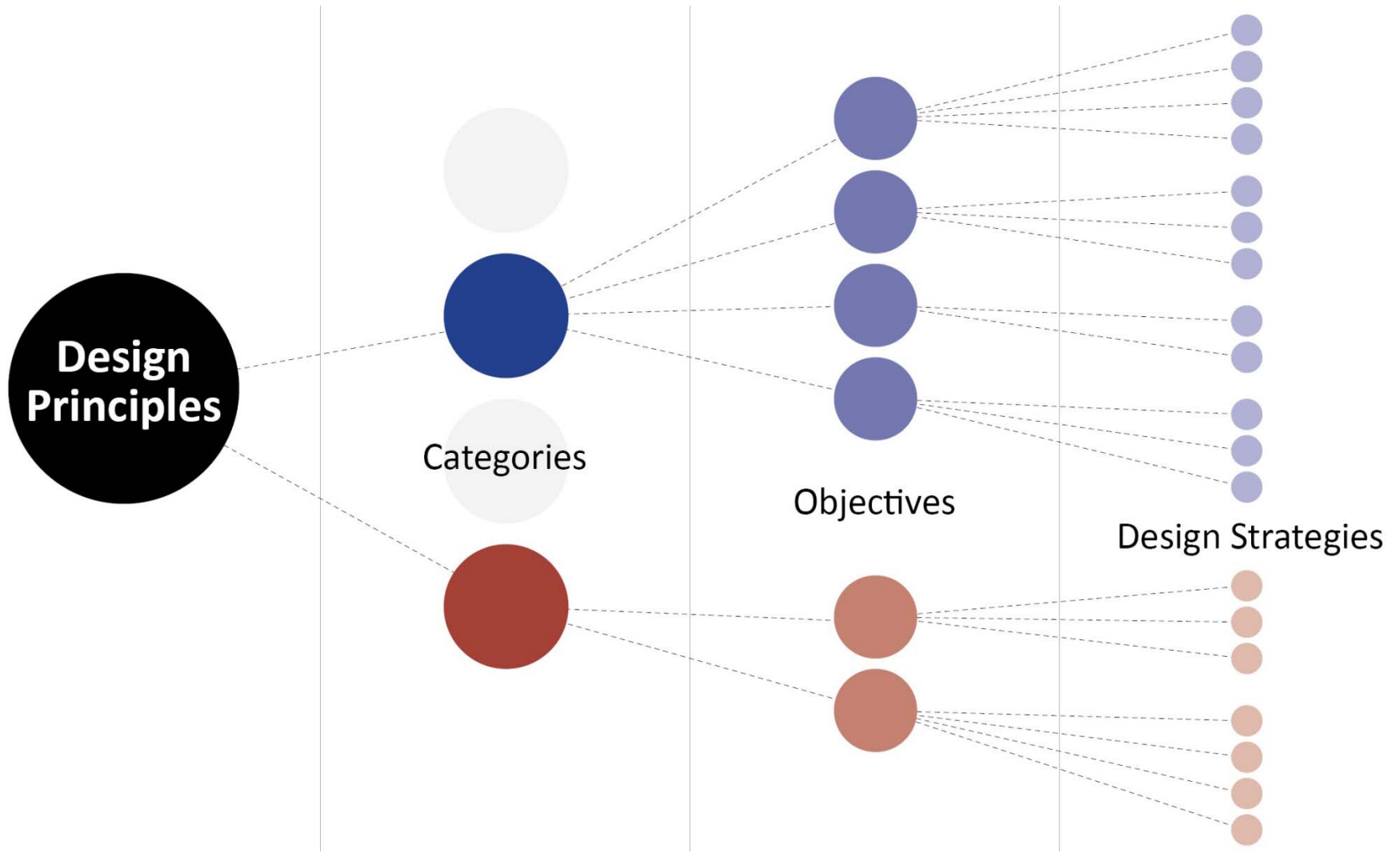
Areas of Special Attention

Completed in Future Steps

Aesthetic Guidance

I-70 Mountain Corridor, CSS Process

Aesthetic Guidance Framework



Aesthetic Guidance Framework

Design Principles → Categories → Objectives → Design Strategies

“Light on the Land”

Structures

Land and Highway Relationship

Color

Vail Pass as a precedent:
The ideals and implementation of transportation design utilized in the Vail Pass area will serve as a precedent and influence design throughout the Crest of the Rockies Design Segment.

Naturalized appearance:
Projects along this segment will create a naturalized appearance between the road and landscape and restore disturbed land areas.

Earthwork:
Earthwork will emulate the naturally occurring land forms and be constructed to appear natural.

Existing limits of disturbance:
Construction of new road and/or transit improvements along the corridor will occur within the existing limits of disturbance except where compelling and significant benefits will result.

Rock cuts and slope modification:
Rock cuts within the design segment will reflect the natural terrain patterns and accent naturally occurring geology, shapes, layers, and fracture lines in the rock.

Adapting road to topography:
Corridor design will utilize split elevations for east and west bound travel lanes, rather than a singular road platform, in areas of steep topography in order to minimize the level of disturbance.



Variable Slope



Blended Toe of Embankment



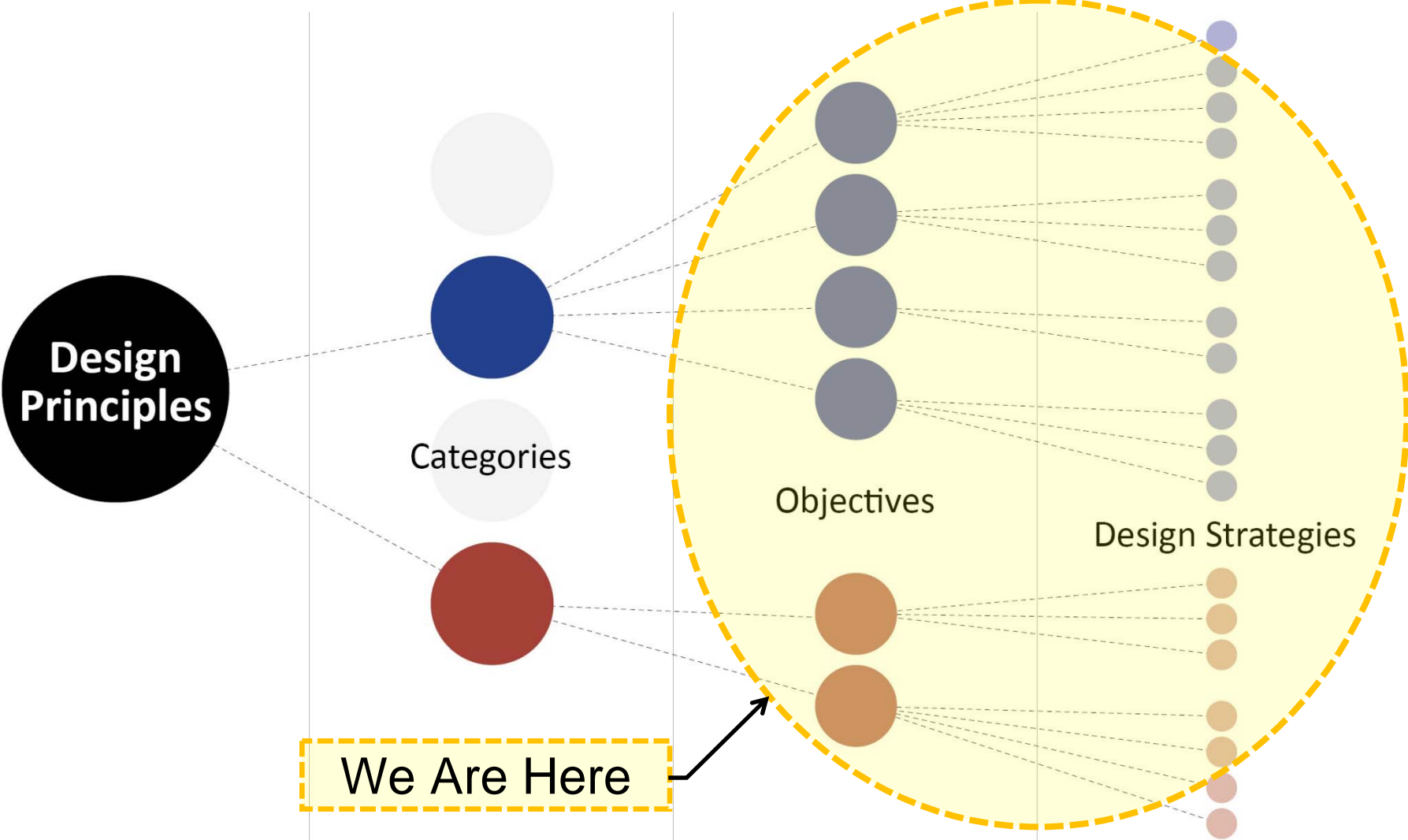
Rock and Earthwork Combined

Aesthetic Guidance

I-70 Mountain Corridor, CSS Process

Aesthetic Guidance Categories

- **Land and Transportation Relationship**
- **Community Interface**
- **Alignment**
- **Structures**
- **Color**
- **Recreational Resource Access and Interface**
- Road Services
- Lighting
- Pedestrian Linkages and Connections
- Transit Facilities
- Streams and Hydrology
- Wildlife



- Refine Local Maps
- Review and Comment on Aesthetic Categories
 - Overall Corridor
 - Segment Specific
- Begin to Develop and Discuss Design Objectives and Strategies

Small Group Work Session Agenda

Working group will participate in small groups to provide input:

- Discuss Local Maps
- Discuss Objectives and Strategies for the I-70 Mountain Corridor
- Discuss Segment Specific Objectives and Strategies
 - Western Slope Canyons and Valleys
 - Crest of the Rockies
 - Mountain Mineral Belt
 - Front Range Foothills
- One Hour 15 Minutes of Small Group Session

Aesthetic Guidance

- Distill and organize aesthetic design objectives and strategies
- Apply concepts and ideas to specific locations along I-70 Mountain Corridor
- Refine objectives and strategies