Fourmile Canyon Community Meeting

Permanent Repairs for Fourmile Canyon Rd and Logan Mill Bridge

Meeting Format:

- Welcome & Introductions
- Short Presentation with Design update
- Fourmile Creek Coalition Update
- Group forum Q&A session
- Open House
Introduction – Discussion Agenda

Transportation Project Discussion Agenda:

• Introduction
• Project Background
• Proposed Design
• Project Schedule
• Q&A
**Introduction – Purpose**

*Why are we here today?*

→ *To Share the Current Design Progress*

- Fourmile Canyon Dr. – Boulder Canyon Dr to Salina Junction
- Logan Mill bridge replacement
- Design status: 30%
Background – Project Limits

- 1.5 miles along Fourmile Canyon Dr.
- North Segment (Salina Junction to approx. 0.3 miles north of Logan Mill Road)
- South Segment (Approx. 0.16 miles south of Poorman Road to approx. 1 mile north of Highway 119)
- Logan Mill Bridge
Background – Project Goals

- Permanent reconstruction of damaged roadway
- Implement updated design standards where possible
- Increase safety and resiliency
- Minimize environmental impacts through balanced design
- Minimize and manage impacts to the community
From earlier community meetings:

- Don’t urbanize the corridor
- Fix roadside drainage
- Make walls and barriers visually appealing
- Concerns about tree and vegetation impacts
- Concerns about impacts to private property
- Mixed opinions about bike accommodations – settled on 4’ uphill shoulder
Proposed Design – Typical Sections

Boulder County Multimodal Transportation Standards

Fourmile Canyon Dr

Logan Mill Rd

Schedule Q&A
Proposed Design – Features

- Adjustments to vertical grade
- Adjustments to horizontal alignment
- Widening the roadway and reconstructing base and pavement
- Improved surface drainage
- Rock cuts and retaining walls
- Logan Mill Bridge replacement
Proposed Design – Considerations

- Floodplains
- Private driveway access
- Emergency services
- Right-of-way and easements
- Environmental impacts
Proposed Design – Fourmile Examples

Minimal Impacts Example

Cross Section 75+75
Proposed Design – Fourmile Examples

Stream Impact Example

Cross Section 230+00
Proposed Design – Fourmile Examples

Rock Cut Impact Example

Cross Section 224+50
Proposed Design – Rock Cut

Example Rock Cut Photos

Example showing mesh with minimal catchment area, preservation of hillside above, and vegetation regrowth in the mesh.

Example showing mesh and rock cut exposure.

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Introduction  Background  Proposed Design  Schedule  Q&A
Proposed Design – Rock Cut

Example Rock Cut Photos

Example showing mesh and rock bolts

Example showing mesh with special posts at top to catch rocks from above

Introduction  Background  Proposed Design  Schedule  Q&A
Proposed Design – Logan Mill Bridge

Preliminary Project Impacts (Plan View)
Proposed Design – Logan Mill Bridge

Preliminary Bridge Elevation (Side View)

- Logan Mill Road Bridge
- Fourmile Canyon Drive
- Existing Box Culverts
Anticipated Project Schedule

- Final Design – December 2015
- Environmental, ROW, and FEMA Clearances – Early 2016
- Begin Construction – Spring 2016
- Logan Mill Bridge Replacement – Fall 2016
Questions?