

# 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



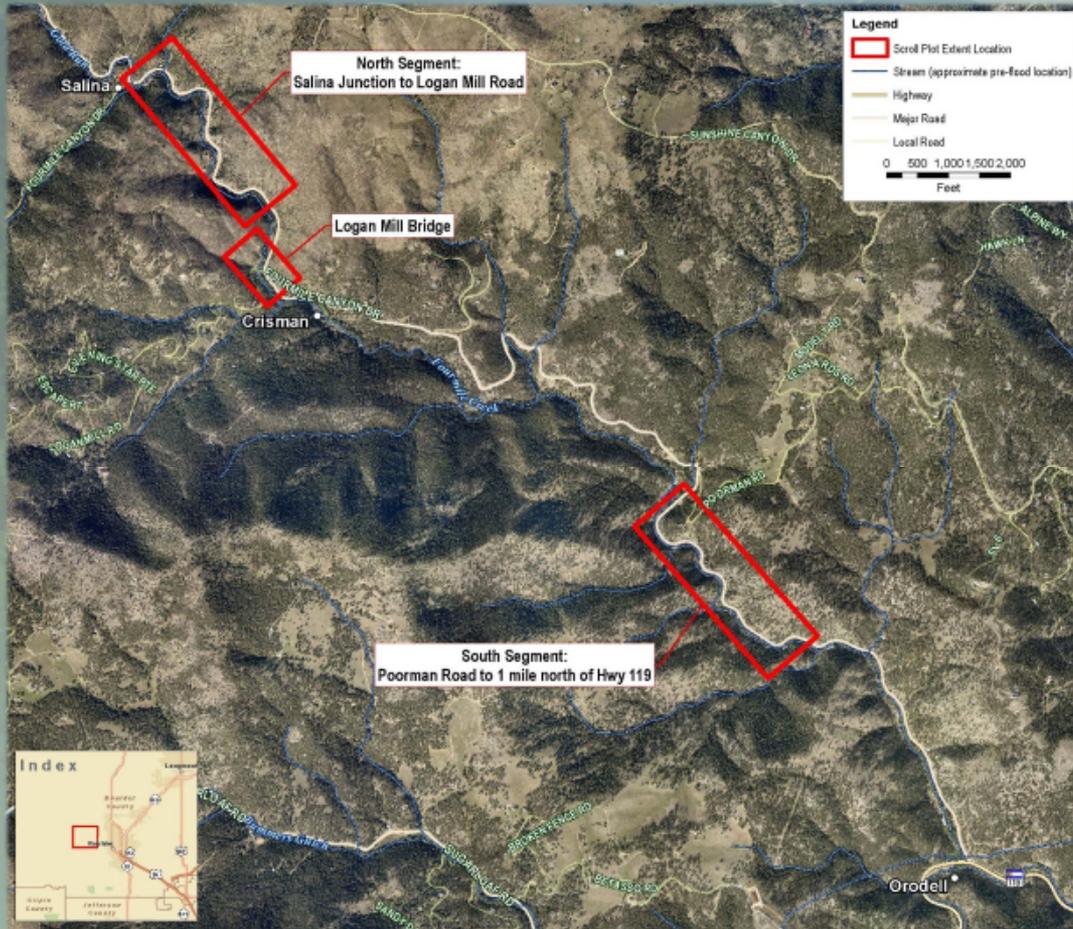
# Introduction – Purpose

*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**



# Background – Previous Meetings

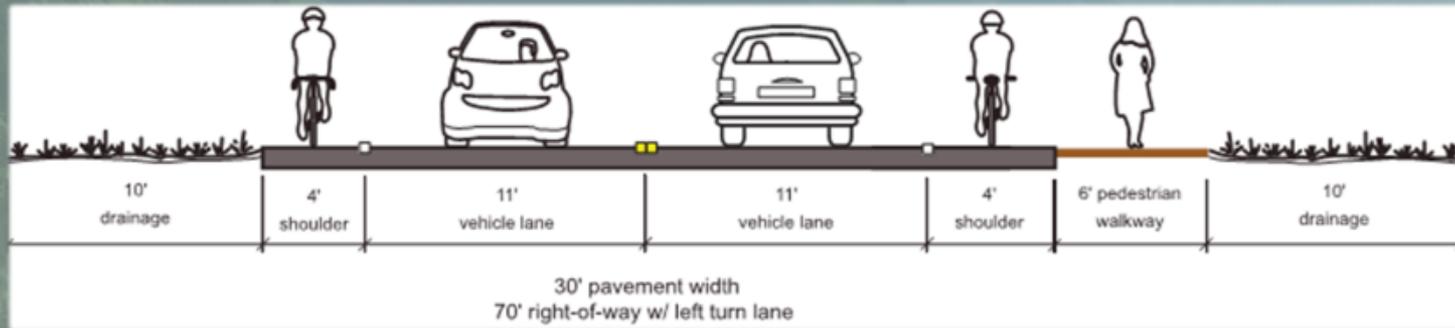
## *From earlier community meetings:*

- 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

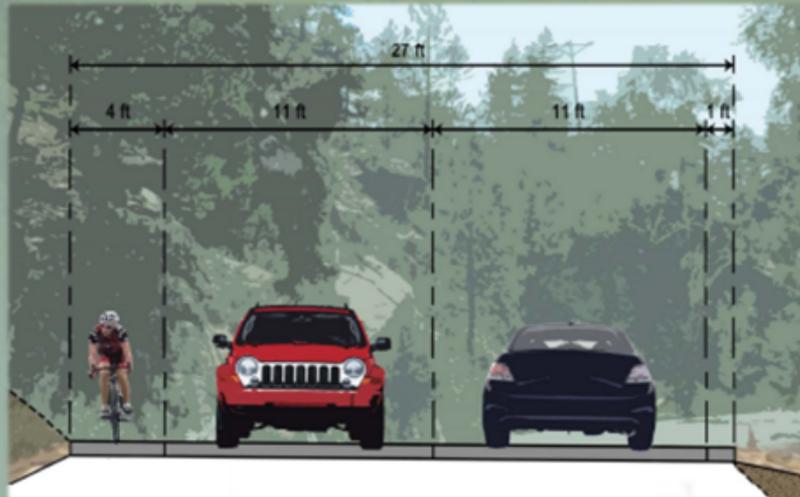


# Proposed Design – Typical Sections

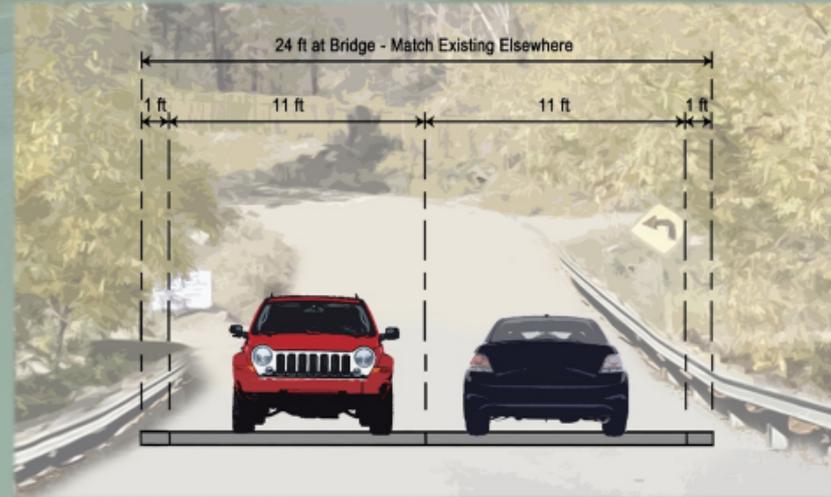
## *Boulder County Multimodal Transportation Standards*



### *Fourmile Canyon Dr*



### *Logan Mill Rd*



# 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**



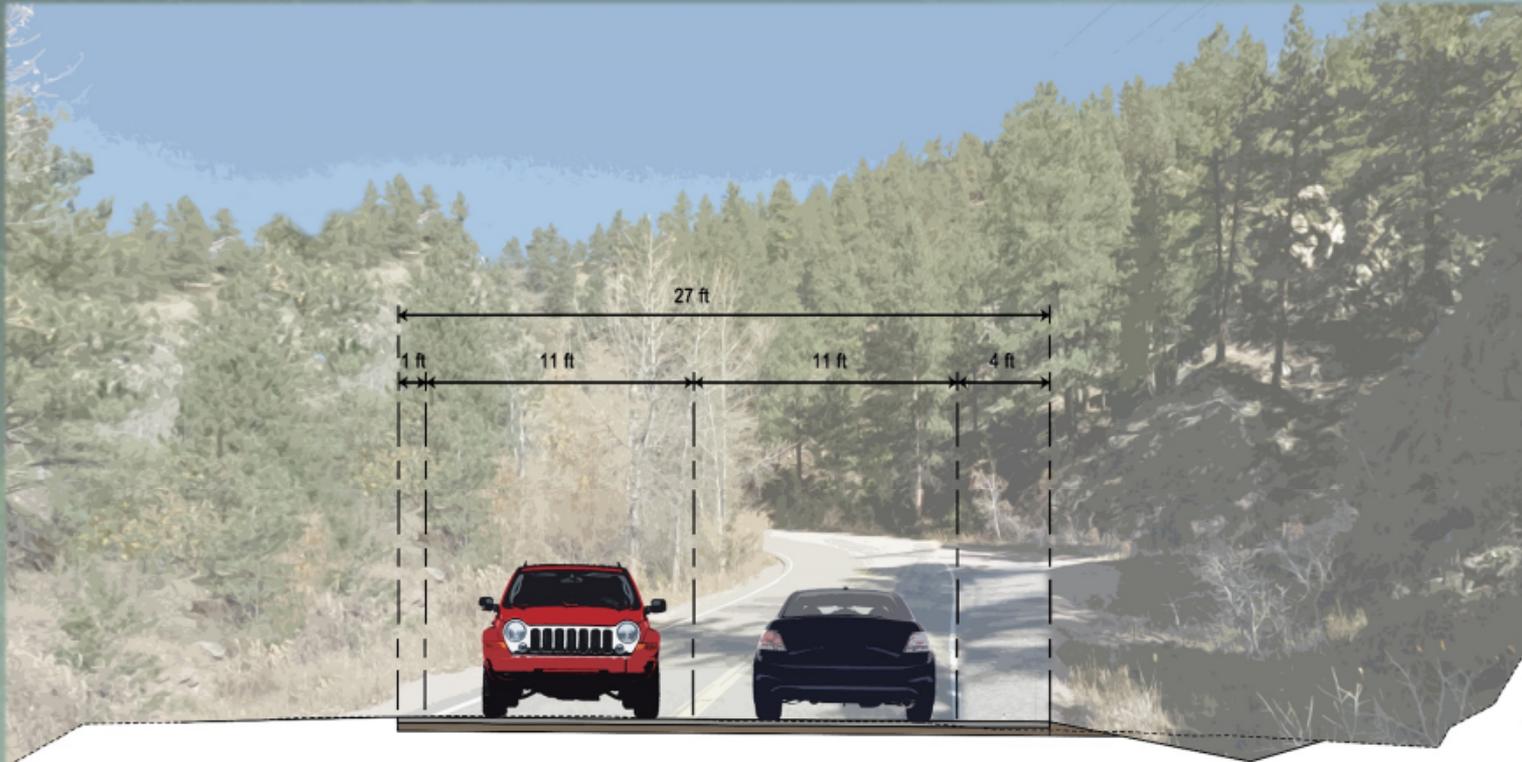
# Proposed Design – Considerations



- **Floodplains**
- **Private driveway access**
- **Emergency services**
- **Right-of-way and easements**
- **Environmental impacts**

# Proposed Design – Fourmile Examples

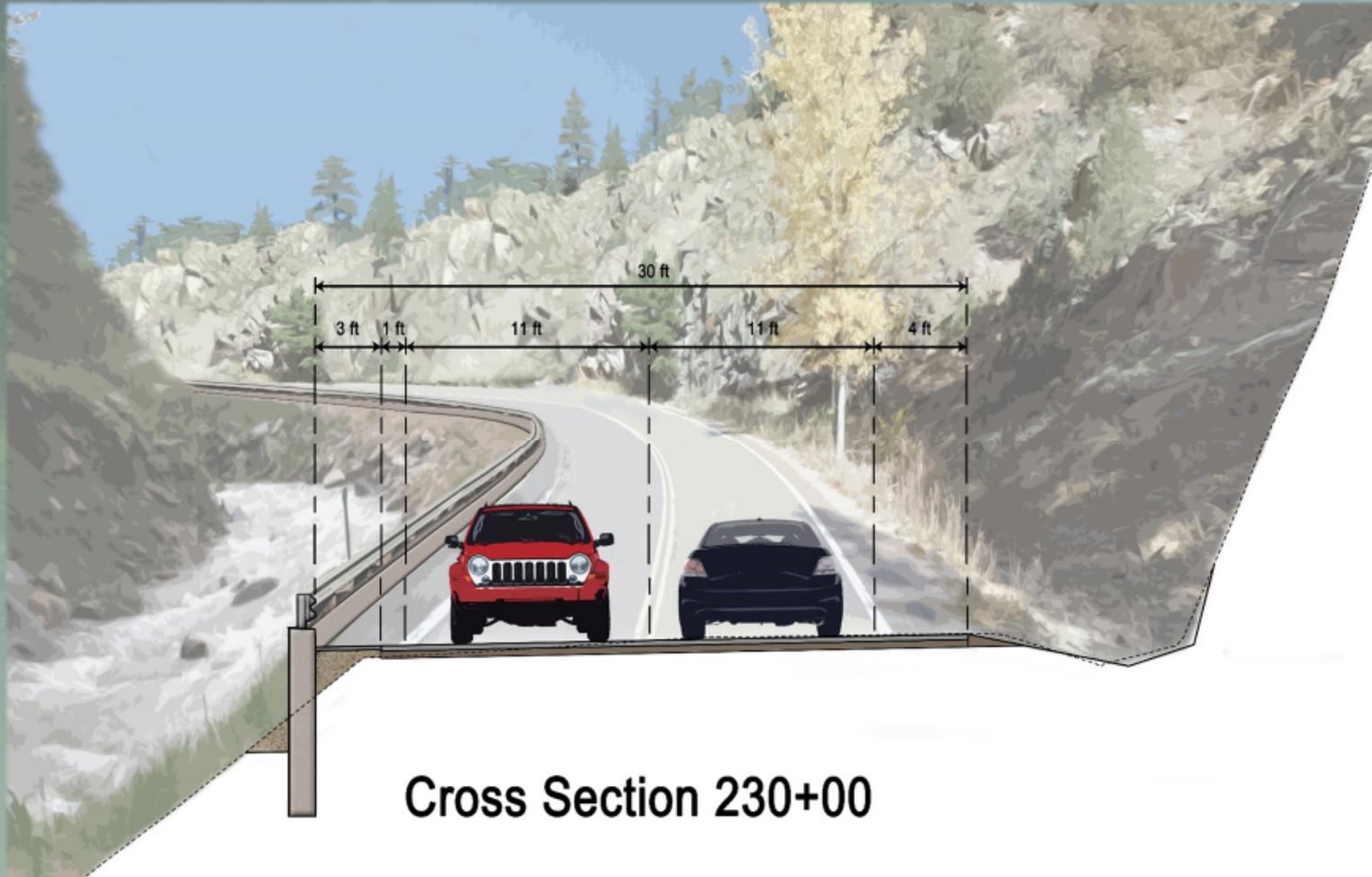
## *Minimal Impacts Example*



**Cross Section 75+75**

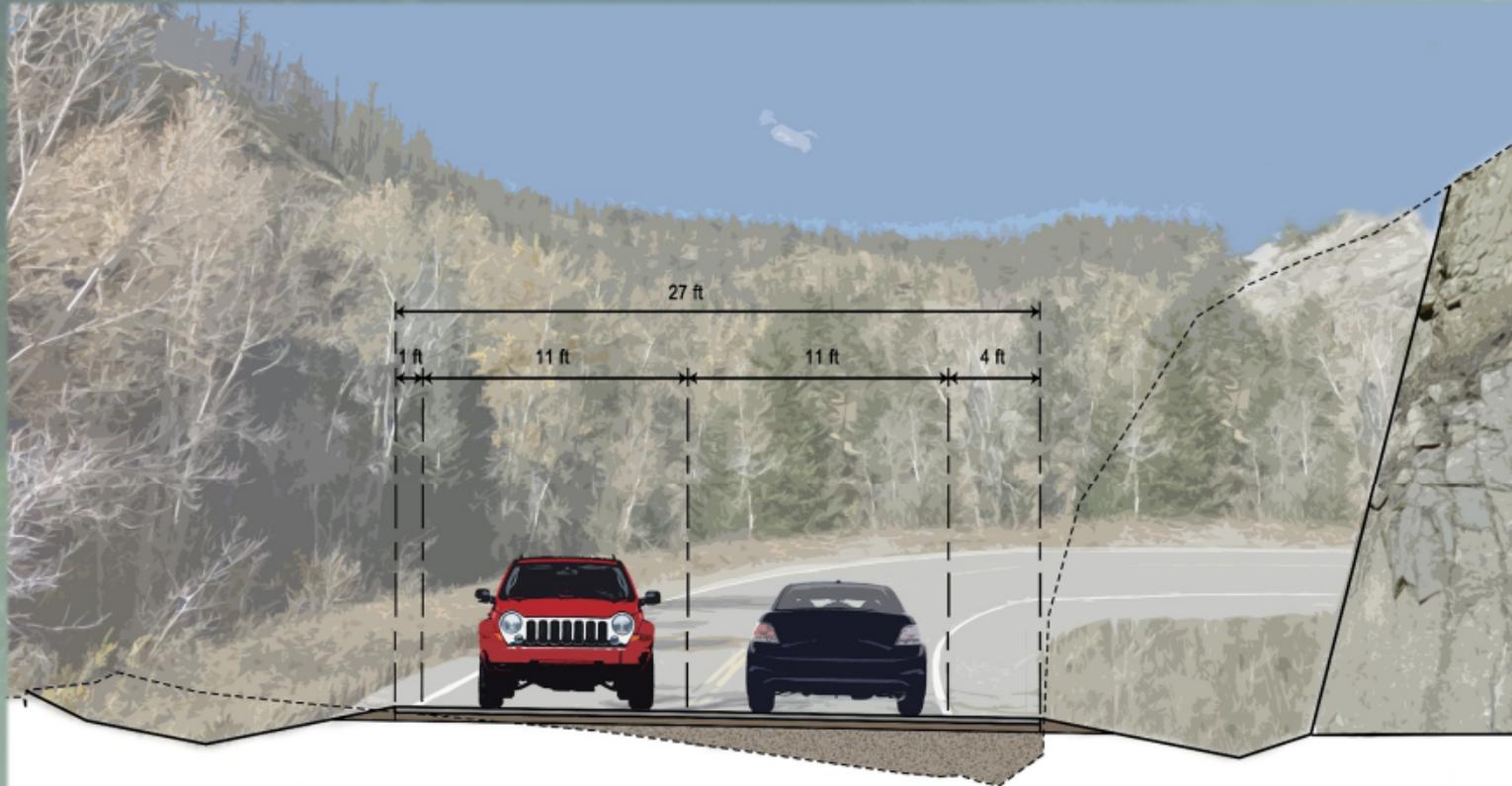
# Proposed Design – Fourmile Examples

## *Stream Impact Example*



# 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*

# 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*

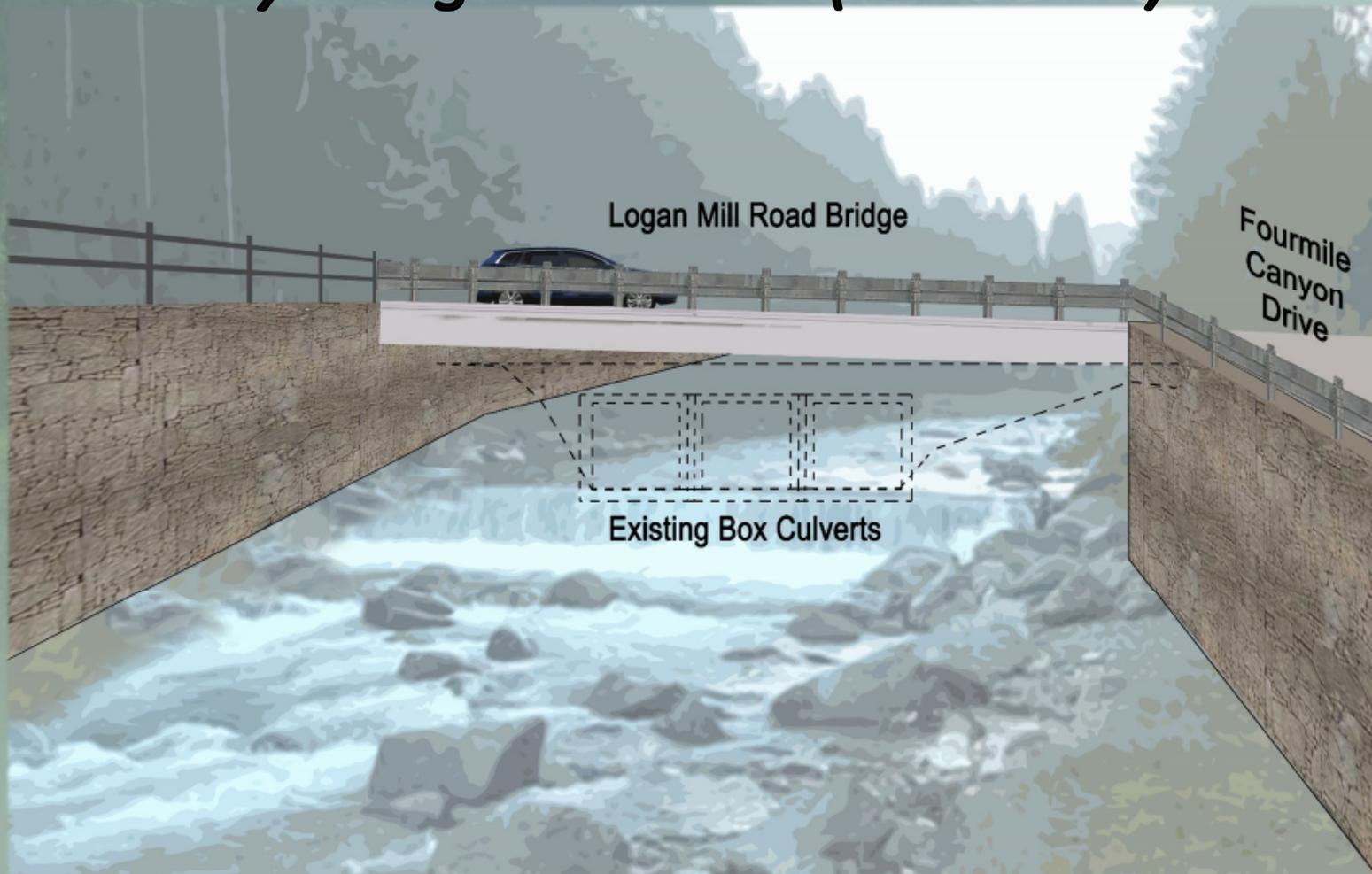
# Proposed Design – Logan Mill Bridge

## *Preliminary Project Impacts (Plan View)*



# Proposed Design – Logan Mill Bridge

## *Preliminary Bridge Elevation (Side View)*



# Anticipated Project Schedule

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

# Community Discussion

Questions?

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Introduction

Background

Proposed Design

Schedule

**Q&A**

