

# James Canyon Permanent Repairs

## Overview:

- CR-94, Lefthand Canyon to Milepost 4.9
- Approximately 32 separate repair areas
- Traffic Delays will be minimized

Goal: Keep 1-lane open



# James Canyon Permanent Repairs

Goal: Minimize project footprint & impacts

- Building roadway back to pre-flood geometry
- Re-establish pre-flood paved width, no widening
- Road staying on existing alignment
- No blasting
- Minimal tree removal



# James Canyon Permanent Repairs

## Flood Damage Repairs:

- Embankment or rockery fill
- Remove and replace road base & asphalt
- Upgrade culverts where needed
- Five retaining walls
  - Considering aesthetic treatment



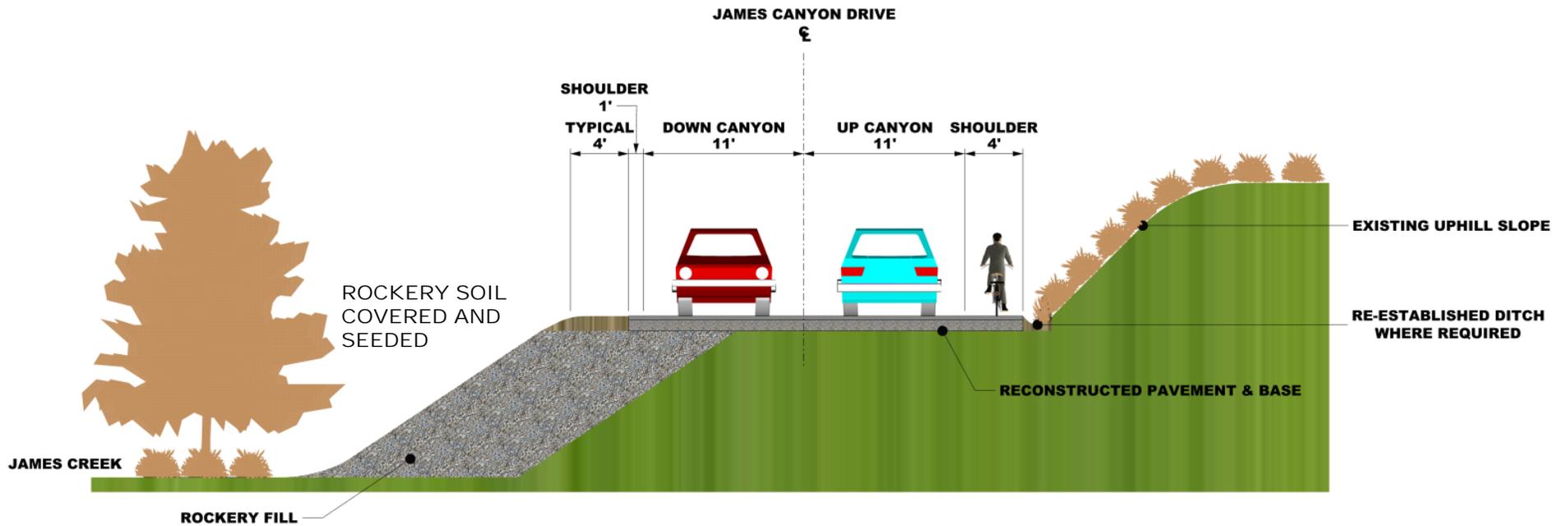
# James Canyon Permanent Repairs

## Stream Restoration Design Underway:

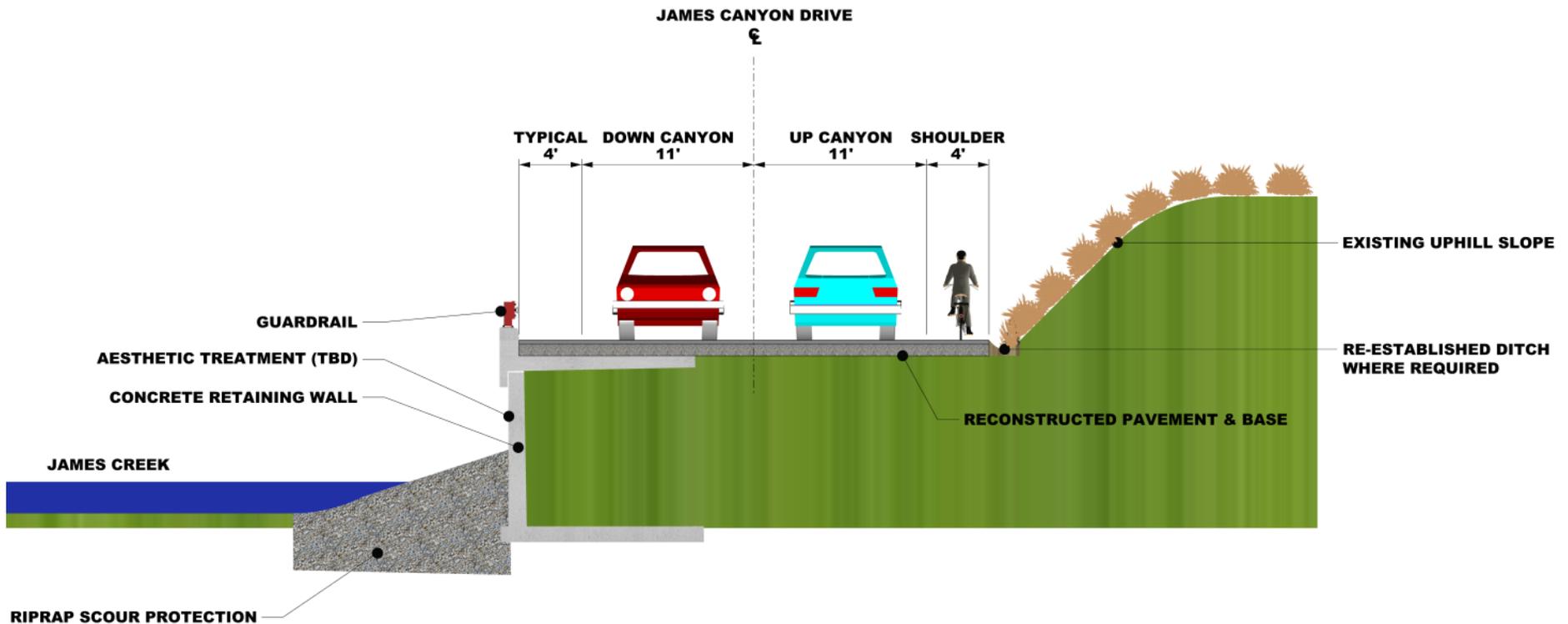
- Lefthand Canyon to Balarat
- Stream Restoration will be completed in conjunction with roadway construction
- Working with Lefthand Watershed Oversight Group (LWOG)
- Public Meeting



# Repair Area Typical Section – Below Jamestown



# Repair Area Typical Section – With Retaining Wall



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## Cost:

- FEMA Reimbursement 87.5%
- Current Estimate:
  - Jamestown \$3.5 M
  - James Canyon \$11.8 M
- Non-Reimbursable:
  - May resurface roadway from Lefthand Canyon through Jamestown to Balarat Road; dependent on funding
  - Aesthetic Treatment



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## Next Steps:

- Beginning final design (detailed layout of pipes, walls, etc.)
- Right-of-way research to determine if new road easements are needed
- Stream Restoration Public Meeting



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## Schedule:

- Spring/Summer 2016: Finish design and permitting
- Construction:
  - Begin after Lefthand complete
  - Approximately 1-year duration



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Visit: [JamesCanyon.com](http://JamesCanyon.com)

- Design Overview
- Reports
- Schedule
- Project Updates

