SR-4 Wagon Trail Realignment Project
Community Workshop Meeting

November 19, 2009
6:00 pm - 8:00 pm
Tonight’s Agenda

• Welcome and Introductions

• Overview of the Approval Process

• Community Outreach Process

• Overview of the State Route 4 Wagon Trail Realignment Project

• Questions and Answers
Project Team

- Project Team Members
  - Calaveras Council of Governments (CCOG)
  - Caltrans
  - RBF Consulting Team
  - Community Members – Please sign in
Why are we here tonight?

• **Community Workshop #1:**
  - Discuss Potential Corridors
  - Identify Project Issues
  - Explore Opportunities
  - Document Community Values
  - Discuss Project Constraints
The Environmental Approval Process

- **Phase 1**: Opportunities and Issues Identification
- **Phase 2**: Development of Project Alternatives
- **Phase 3**: Preparation of the Draft Environmental Document
- **Phase 4**: Approval of the Environmental Document
Phase 1: Opportunities and Issues Identification

- Review existing information
  - Topography maps and County records
  - Site visits and field observations
  - Concept drainage assessment
  - Identify utility locations
  - Assess existing access points
  - Review available record information
Phase 2: Development of Project Alternatives

- Develop potential highway corridors to accommodate the best alignment
- Quantm Design Software will analyze alternatives
Phase 3: Preparation of the Draft Environmental Document

- Detailed analysis of the preferred corridors and alignments
- Technical studies to analyze and support the probable alignments
- Public Hearing
- Selection of the preferred alternative
Phase 4: Approval of Environmental Document

- Prepare Final Reports
- Formal approval of the Environmental Document by Caltrans
Community Outreach Process
Community Involvement Principles

- Meaningful
- Inclusive & Accessible
- Transparent
- Educational
- Diverse
- Active Listening
- Encourages Dialogue
- Fun
Workshop Overview

• Community Workshop #1:
  ✓ Discuss Potential Corridors
  ✓ Identify Project Issues
  ✓ Explore Opportunities
  ✓ Document Community Values
  ✓ Discuss Project Constraints

During this workshop, participants will have the opportunity to review and discuss the preliminary project alternatives or corridors through a number of fun, interactive exercises.
Workshop Overview

- **Community Workshop #2:**
  - Review Refined Project Alternatives
  - Back Check with Community Values
  - Discuss new Community Concerns

During this workshop, the Design Team will present refined alignments within the corridors discussed at Community Workshop #1. Participants will work in small groups to evaluate each of the proposed alternatives.
Workshop Overview

• **Community Workshop #3:**
  - Review Draft Project Alternatives
  - Back Check Community Values
  - Discuss alignments that will be carried forward through the environmental approval process

During this workshop, the refined alignments will be shared with the community. Participants will have the opportunity to comment on each of the alignments before they are carried forward into the environmental review process.
Workshop Overview

- **Community Workshop #4:**
  - Presentation of Final Roadway Alignments

During this workshop, the final proposed roadway alignments will be shared with the community.
Public Hearing

• Approval of the Environmental Document and Project Report by Caltrans
Community Workshop #1

• Review Compiled Project Information

• Review Design Criteria to Evaluate Alternatives
  ✓ Quantm design tool
  ✓ Design criteria (engineering design standards)
  ✓ Design criteria (environmentally based)
  ✓ Design criteria (community input)
Project Information and Design Criteria

**Engineering**
- Steep Terrain
- Design Standards
- Geological Conditions
- Road Connections

**Environment**
- Environmental Laws
- Endangered Species
- Environmental Preservation
- Cultural Resources

**Community**
- Community Perspectives
- Community Values
- Property Owner Impacts
Project Information and Design Criteria

**Engineering**
- Steep Terrain
- Design Standards
- Geological Conditions
- Road Connections

**Environment**
- Environmental Laws
- Endangered Species
- Environmental Preservation
- Cultural Resources

**Community**
- Community Perspectives
- Community Values
- Property Owner Impacts
Project Information and Design Criteria

**Engineering**
- Steep Terrain
- Design Standards
- Geological Conditions
- Road Connections

**Environment**
- Environmental Laws
- Endangered Species
- Environmental Preservation
- Cultural Resources

**Community**
- Community Perspectives
- Community Values
- Property Owner Impacts
Community Workshop #1

• Document Community Design Criteria
  ✓ Gateway into the community
  ✓ Preservation of community character
  ✓ New roadway alignment along existing alignment
  ✓ Design speed
  ✓ Bridges vs. culverts
  ✓ Roadway cross section (how wide is the roadway?)
Overview of the State Route - 4 Wagon Trail Realignment Project
Project Introduction

• State Route - 4 Improvements - Copperopolis to Angels Camp
  ➢ Operational and Safety Improvements
  ➢ Evaluation of Existing Alignment
  ➢ Evaluation of Possible Alignments
Initial Project Study Area
Current Project Study Area
Existing Study Area
Unconstrained Alignments
All Alignments
Alignments Generally Confined to the Project Study Area
The Three most Economical Alignments within the Study Area
The Three most Economical Alignments Using the Unconstrained Condition
Alignments Forced to the North Around an Environmental Resource
The Three most Economical Alignments Forced to the North
Northern, Middle, and Southern Corridors
Corridor A

KEY FEATURES:
- Generally follows existing State Route 4

ADVANTAGES:
- Minimize right of way acquisitions
- Construction cost estimates are reasonable
- Minimize impacts to adjacent private property owners

DISADVANTAGES:
- Challenging stage construction
- Several known environmentally protected resources

PREFERENCE SURVEY
Place a dot sticker along the survey scale below to share your opinion on this concept

LIKE          NEUTRAL          DISLIKE
Corridor B

**KEY FEATURES:**
- Unconstrained alignment – easiest to construct

**ADVANTAGES:**
- Shortest alignment between the join points
- Construction cost estimates are reasonable
- Constructing in previously impacted areas

**DISADVANTAGES:**
- Alignments cross through the existing residential neighborhood
- Right of way costs will be more than a northerly alignment

**PREFERENCE SURVEY**
Place a dot sticker along the survey scale below to share your opinion on this concept.
Corridor C

KEY FEATURES:
- Alignment forced to the north away from residential neighborhood

ADVANTAGES:
- Minimize impacts to private property owners
- Avoids a challenging resource area

DISADVANTAGES:
- Longest alignment between the join points
- Construction cost estimates are generally higher

PREFERENCE SURVEY
Place a dot sticker along the survey scale below to share your opinion on this concept

LIKE                   NEUTRAL                   DISLIKE
Questions?
Thank You!

Remember to visit http://www.calacog.org/wagon.shtml for project updates and upcoming meetings!