

El Dorado Trail Extension Project

June 18, 2015

Presented to:

**El Dorado County
Parks & Recreation
Commission**



County of El Dorado
Community Development Agency
Transportation Division

Project Information

- **Construct a Class I Bike Path from Missouri Flat Road to El Dorado Road**
- **Construct a Pedestrian Overcrossing at Missouri Flat Road**

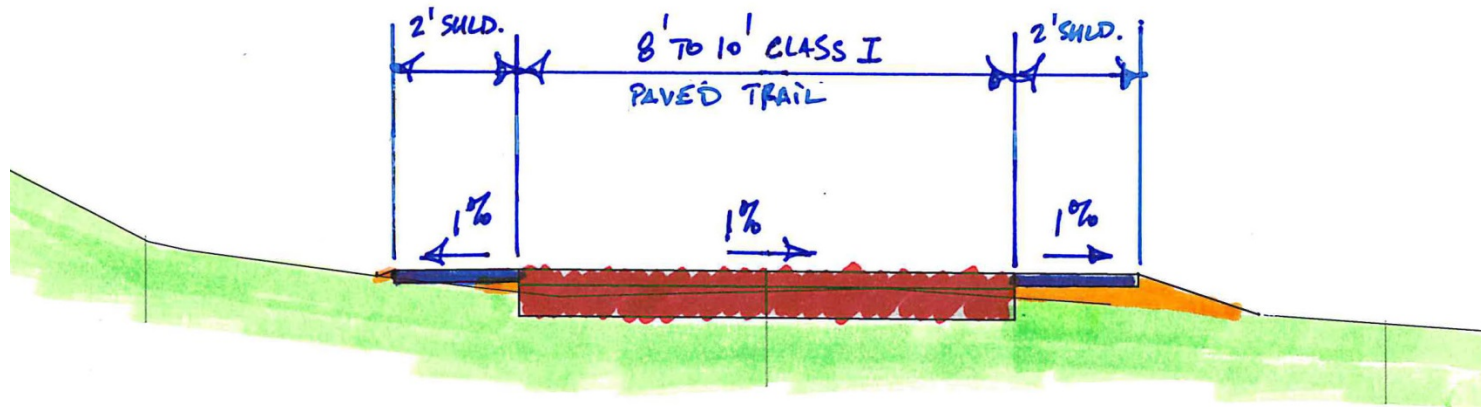


Project Information

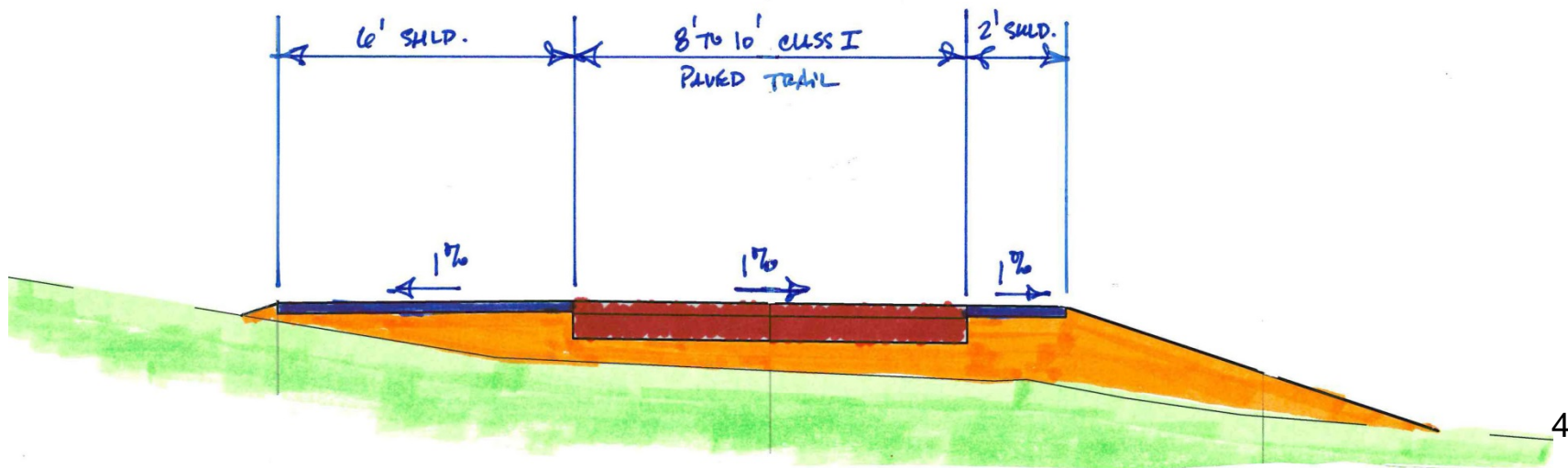
- **Bike Path: Approximately 8 to 10 feet wide (paved) with 2 to 6 foot shoulders (unpaved)**
- **Total Project Length: Approximately 2.5 miles**
- **All Improvements within SPTC JPA Corridor as part of the El Dorado Trail**
- **Funding secured for Environmental & Design work only through Congestion Mitigation and Air Quality (CMAQ) grants**
- **Separate Grants for Trail and Bike/Pedestrian Overcrossing Projects**

Section Views

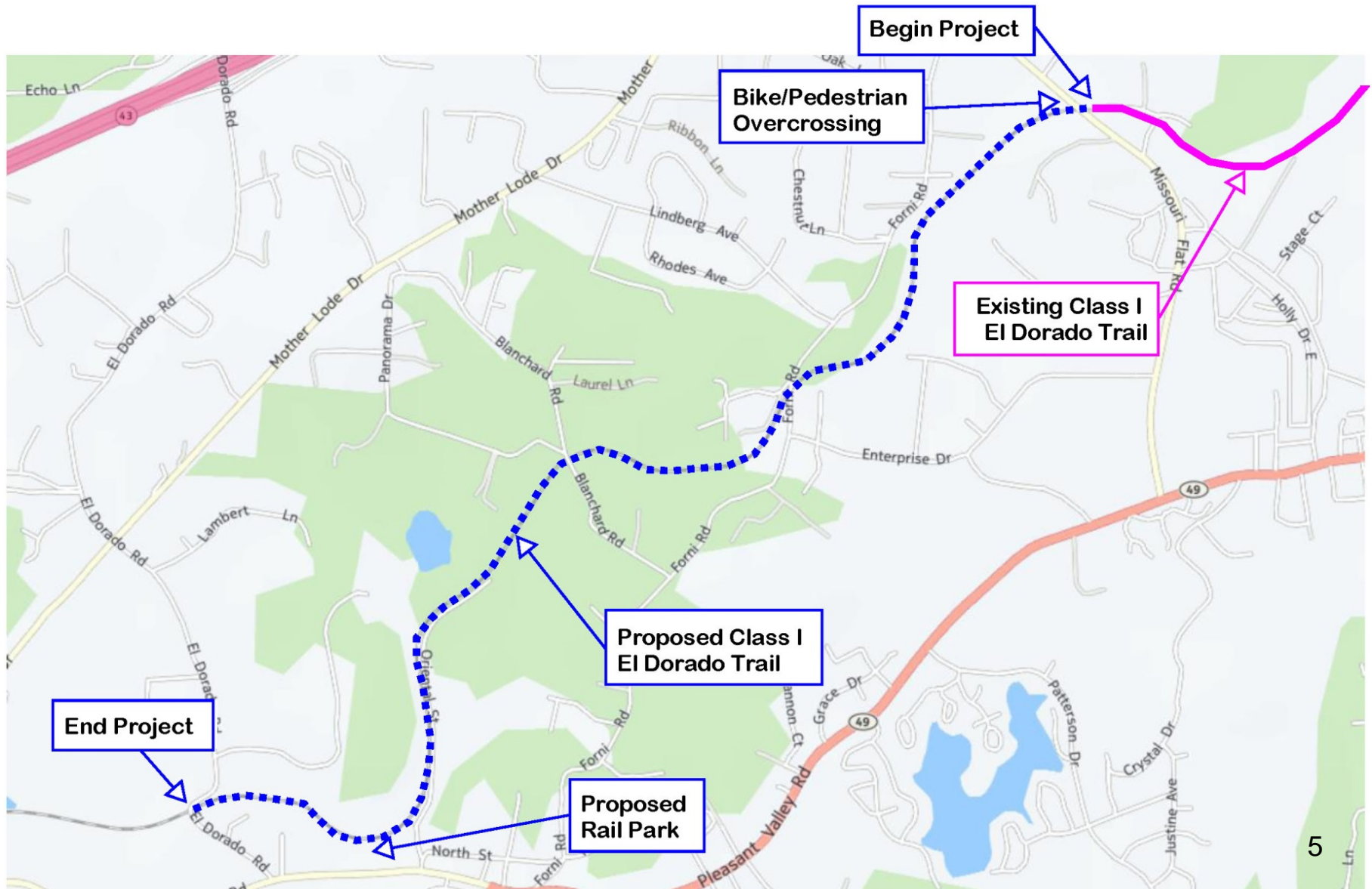
Class I Trail separate from 'Natural Trail'



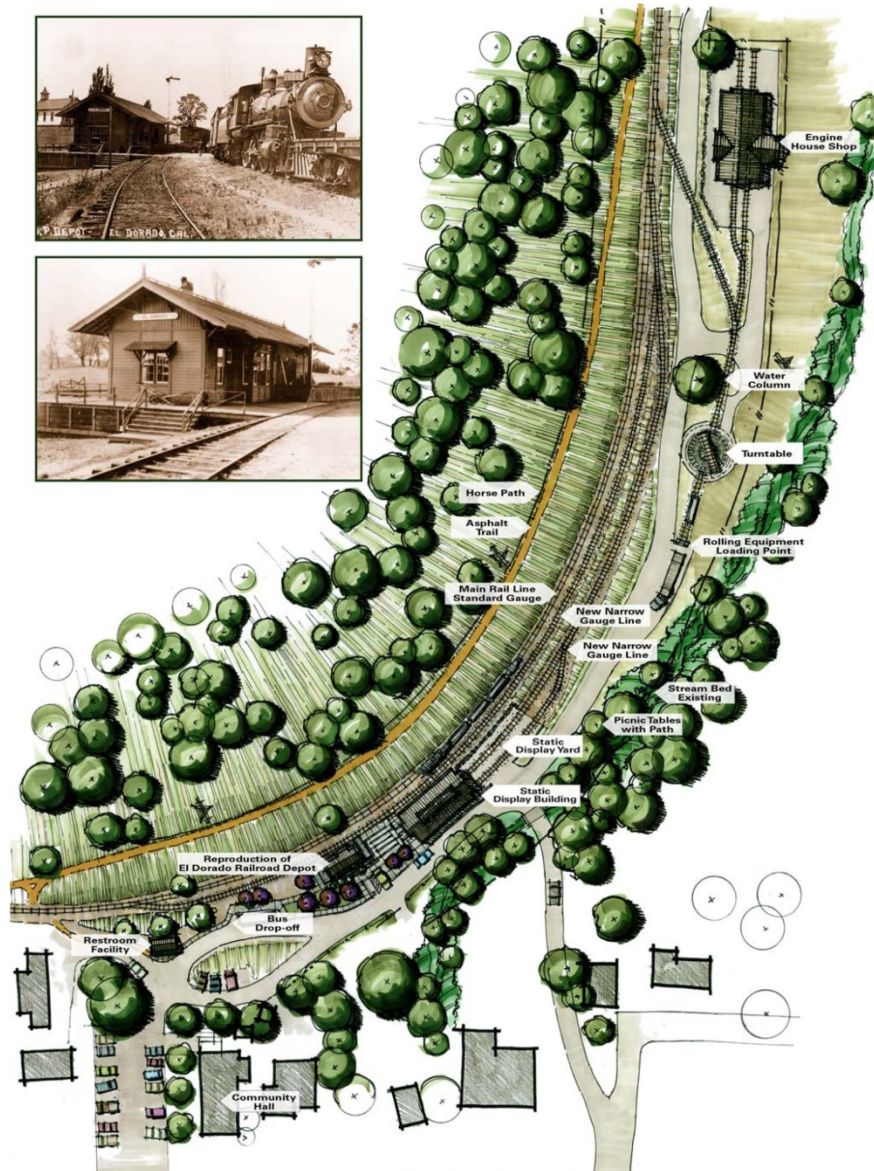
Class I Trail combined with 'Natural Trail'



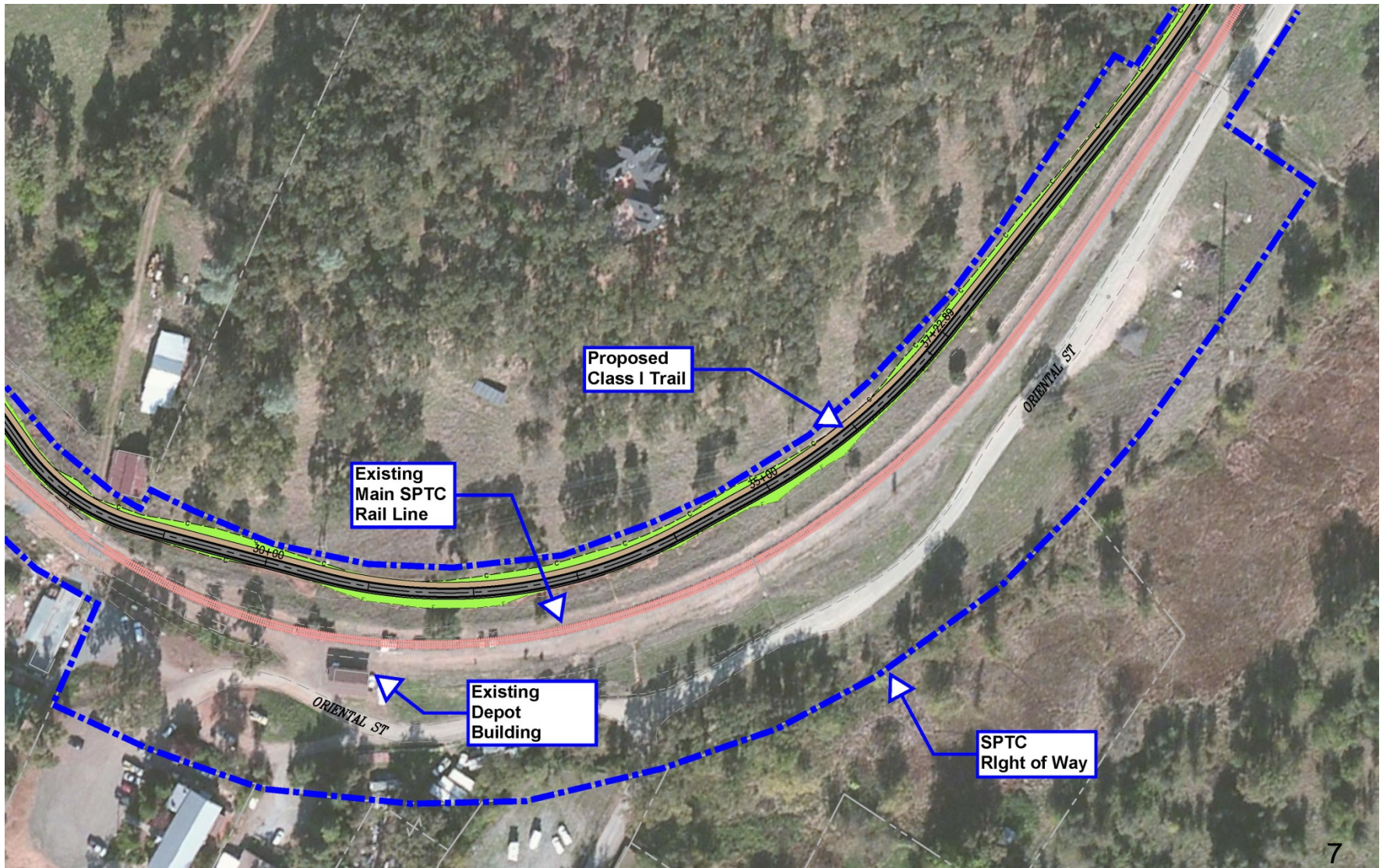
Project Map



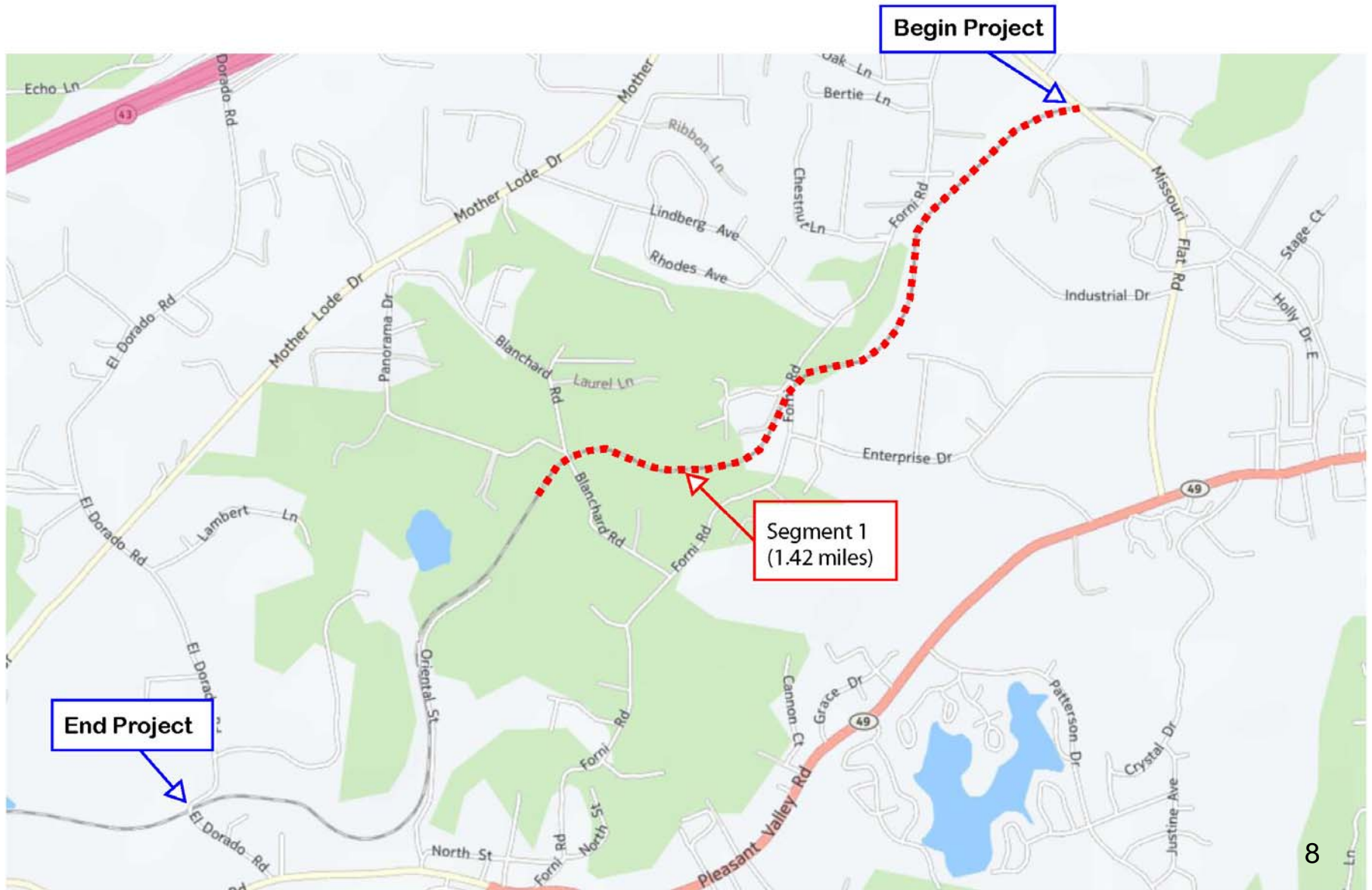
Proposed El Dorado Rail Park



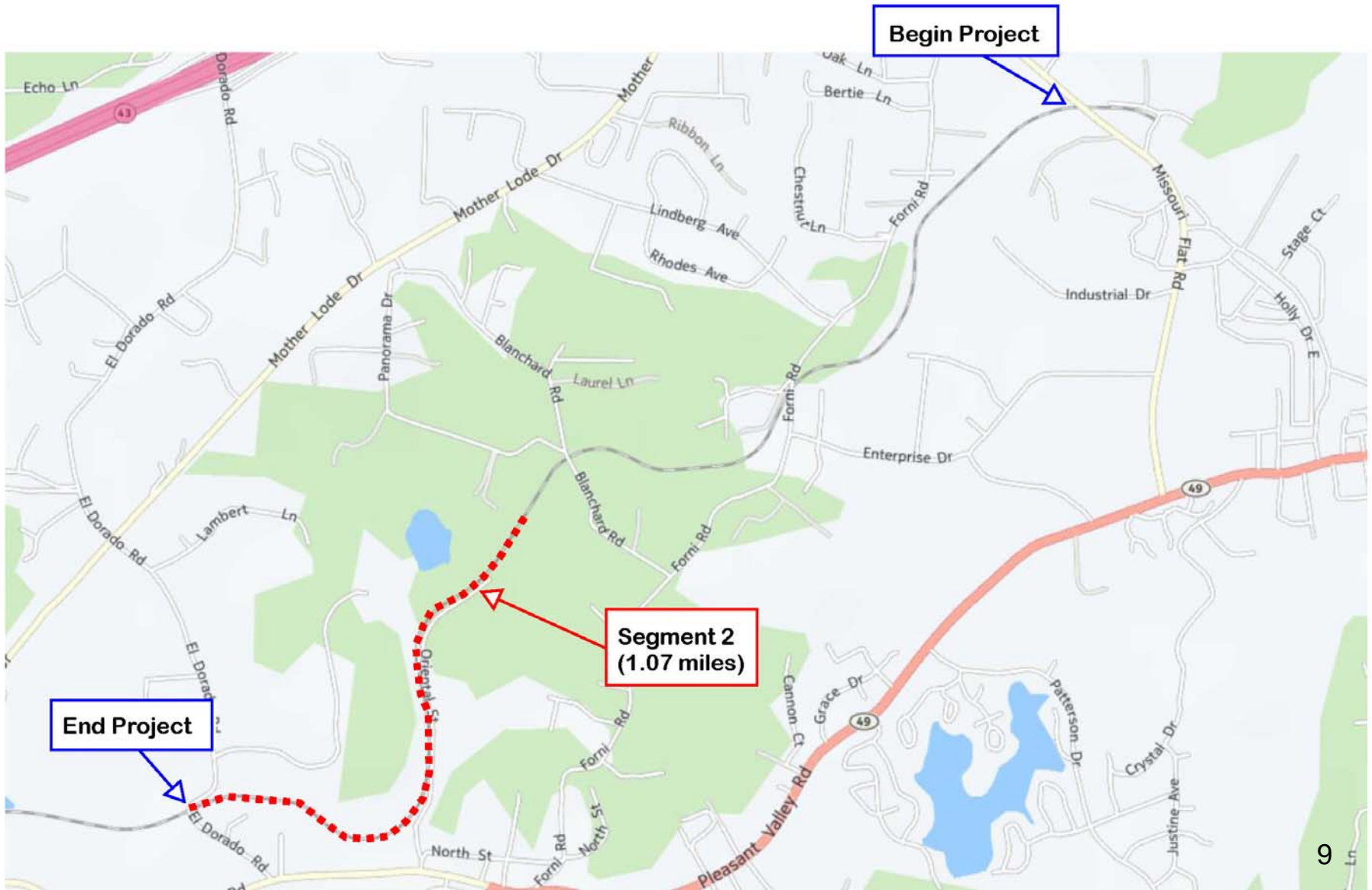
Proposed El Dorado Rail Park



Segment 1 Delineation



Segment 2 Delineation



Trail Alignment Concepts

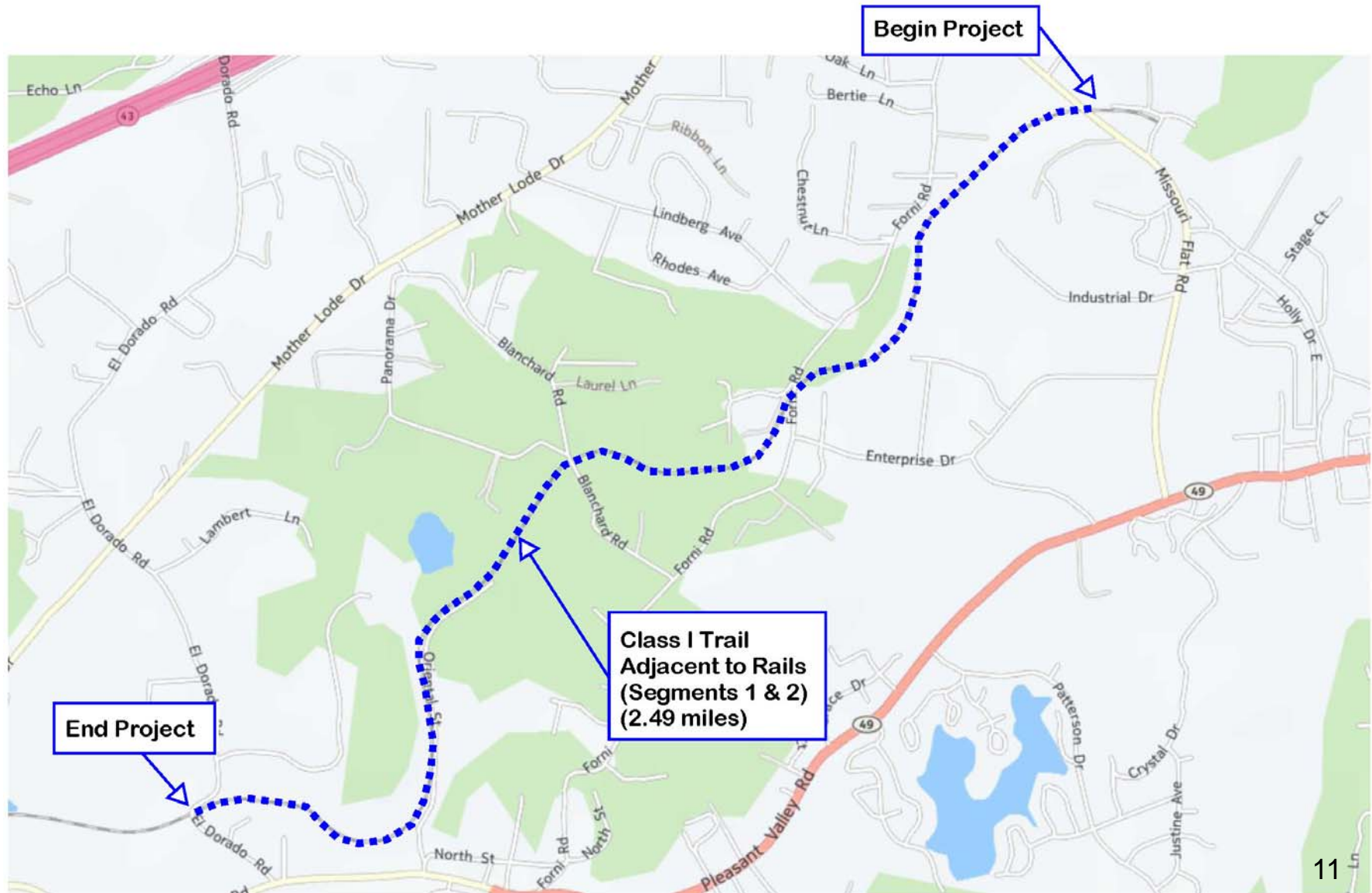
Option A

- Construct Class I Trail adjacent to rails entire length (Segments 1 & 2)
- Approximately 7 acres (cumulative) of undisturbed land impacted
- Estimated Construction Cost: \$3.8M

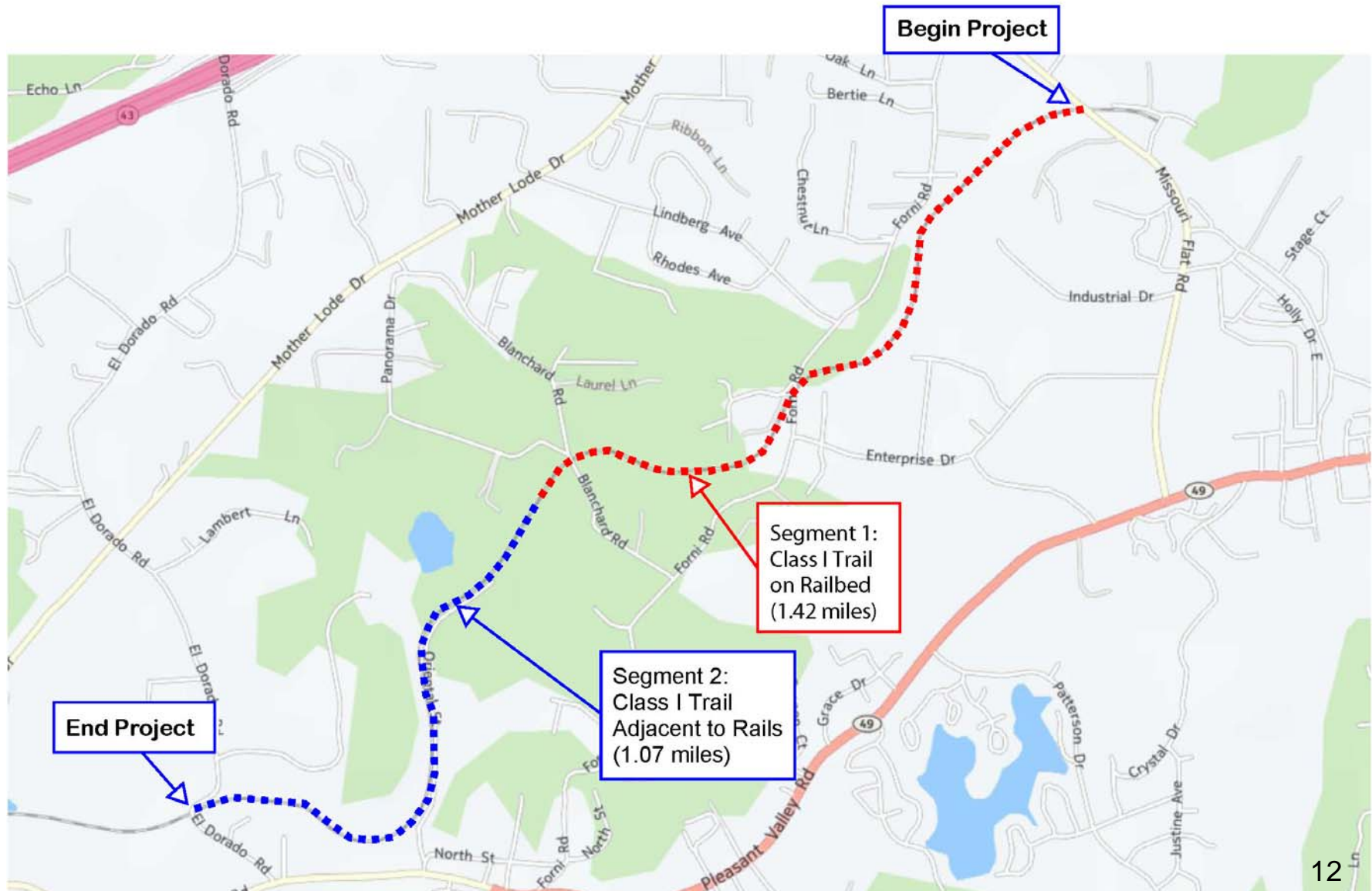
Option B

- Construct a Class I Bike Path on existing railbed for Segment 1 only, and adjacent to rails for Segment 2
- Approximately 2.5 acres (cumulative) of undisturbed land impacted
- Estimated Construction Cost: \$1.6M

Alignment Option A



Alignment Option B



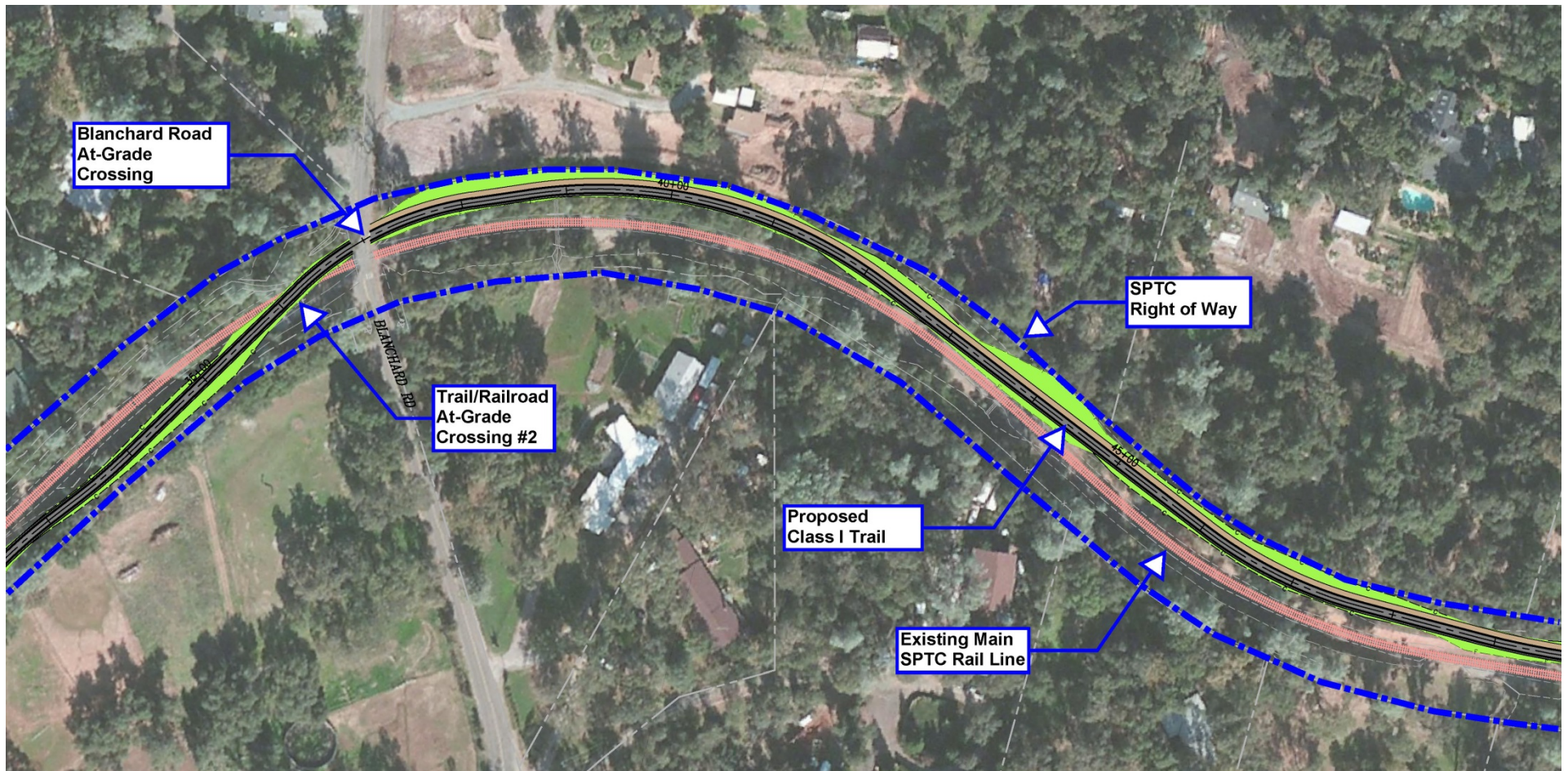
Option A Analysis

- **Preserves all 2.49 miles of rail**
- **Total of 3 Trail/Rail at-grade crossings proposed**
- **Results in larger environmental impacts (wetlands, trees)**
- **Would require additional drainage system improvements (culverts, inlets, rip rap, headwall improvements)**
- **Would combine with 'natural trail' for ~75% of Project length using widened unpaved shoulders (where overlapping with Class I Trail)**
- **Additional oak tree mitigation costs will apply (not included in estimate)**

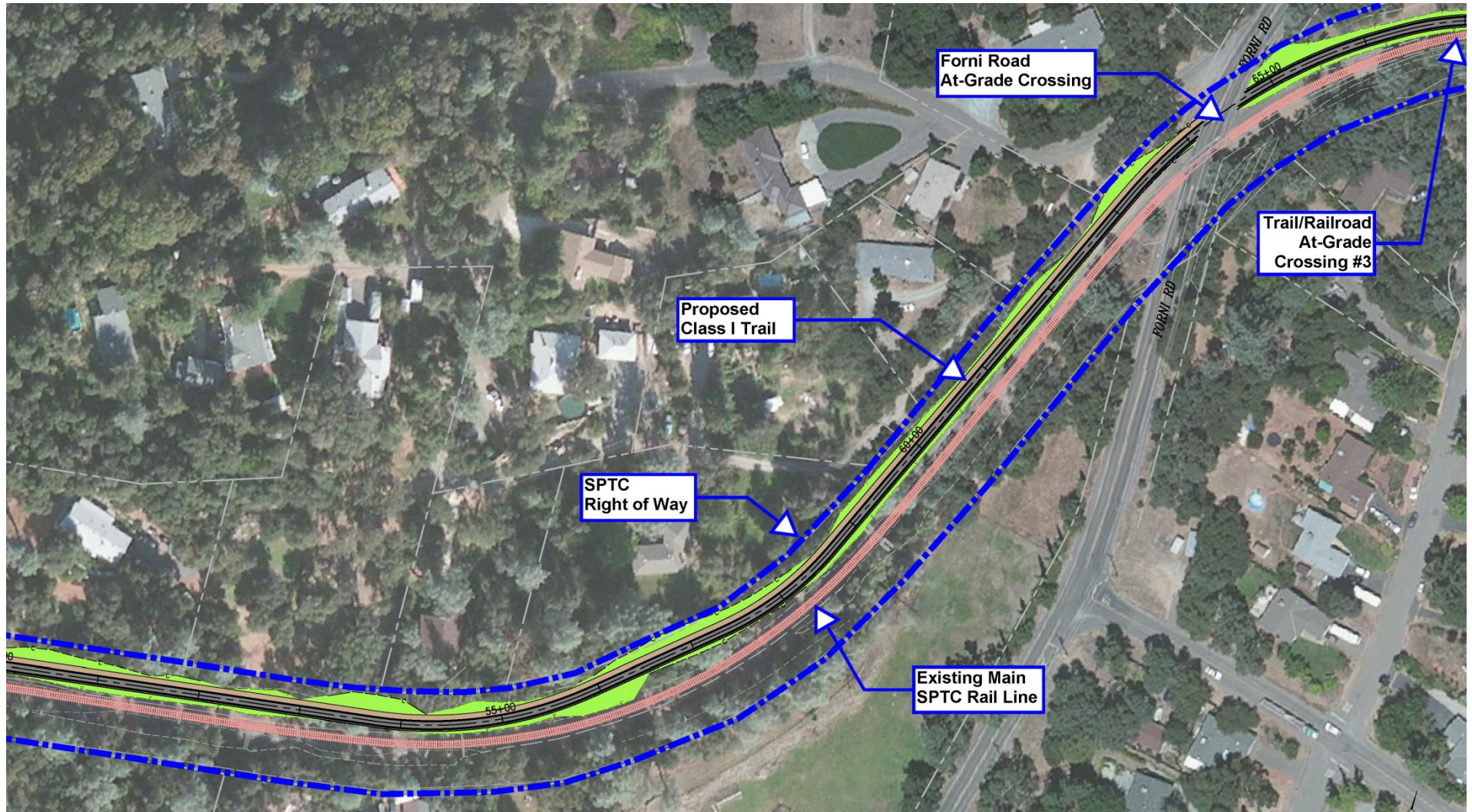
Option B Analysis

- **Removes 1.42 (of 2.49 miles) of rail**
- **Total of 1 Trail/Rail at-grade crossing proposed**
- **Results in smaller project footprint and environmental impacts**
- **Reduced need for drainage system improvements**
- **Would preserve ~70% of the existing 'natural trail' within Project area, separated from proposed Class I Trail**
- **Reduced oak tree mitigation costs**
- **Estimated cost savings of \$2.2M over Option A**

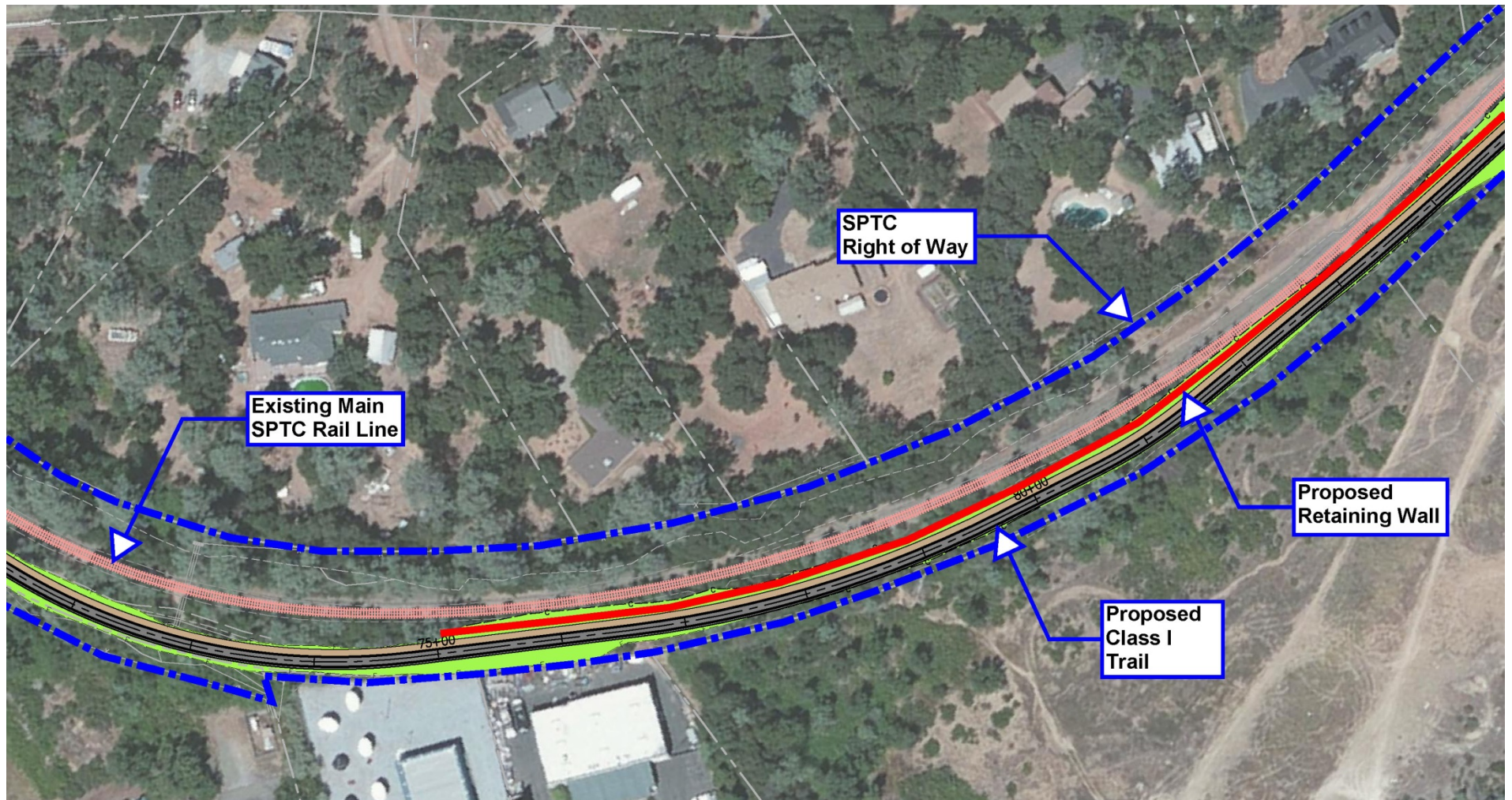
Blanchard Road Area



Forni Road Area



Merchandise Way Area



Option A Challenges



Class I / Natural Trail Combined



El Dorado Trail Extension Project

Questions?

