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**

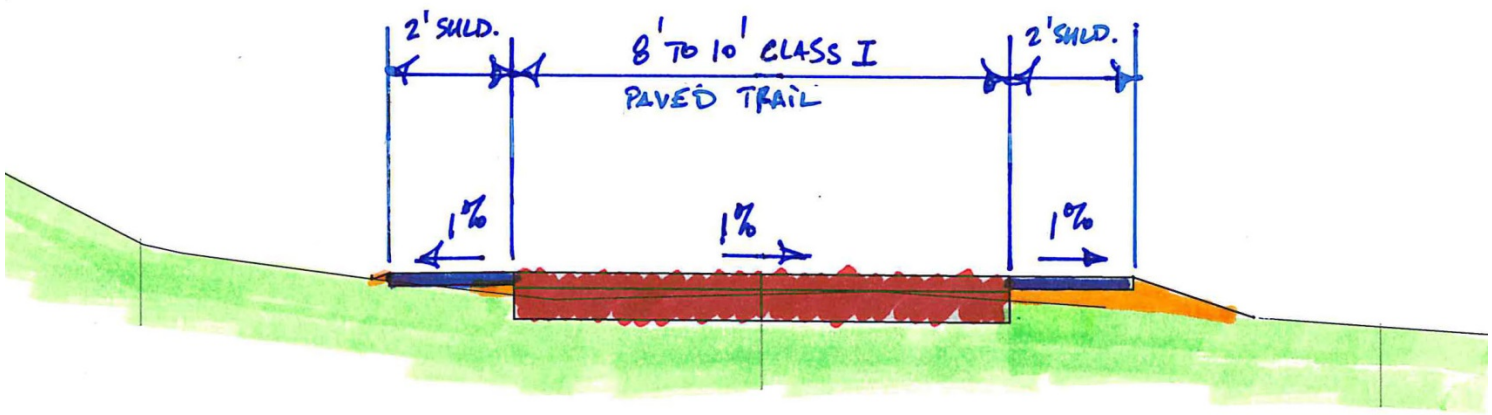
- **Construct a Pedestrian Overcrossing at Missouri Flat Road**

Project Information

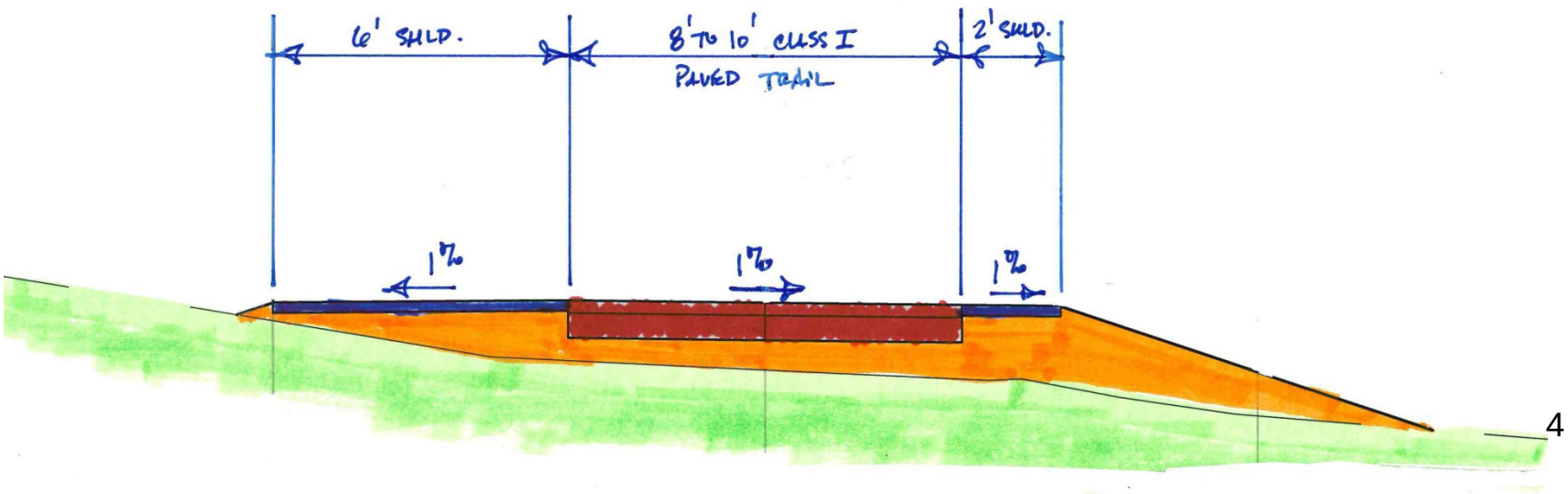
- **Bike Path: Approximately 8 to 10 feet wide (paved) with 2 to 6 foot shoulders (unpaved)**
- **Total Project Length: Approximately 2.5 miles**
- **All Improvements within SPTC JPA Corridor as part of the El Dorado Trail**
- **Funding secured for Environmental & Design work only through Congestion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

Section Views

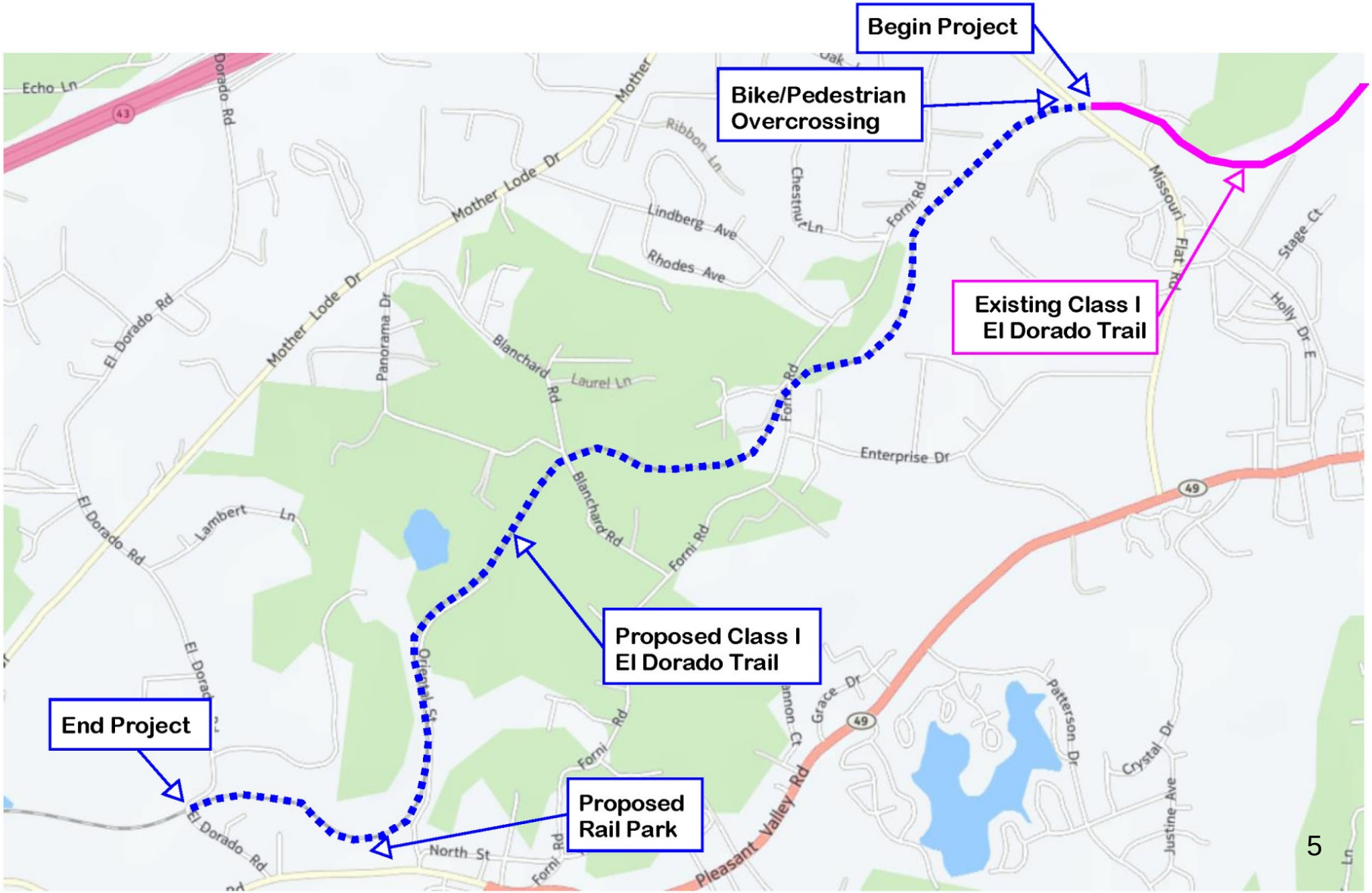
Class I Trail separate from 'Natural Trail'



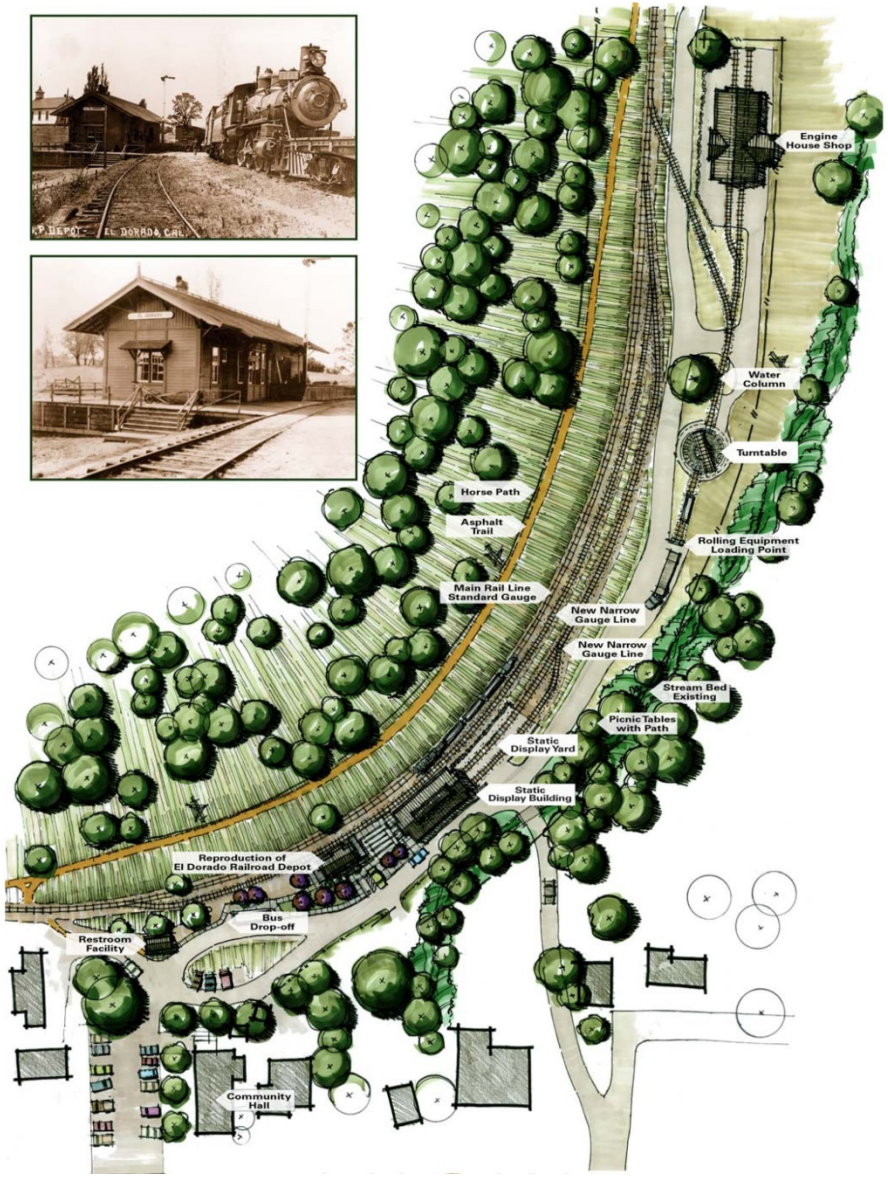
Class I Trail combined with 'Natural Trail'



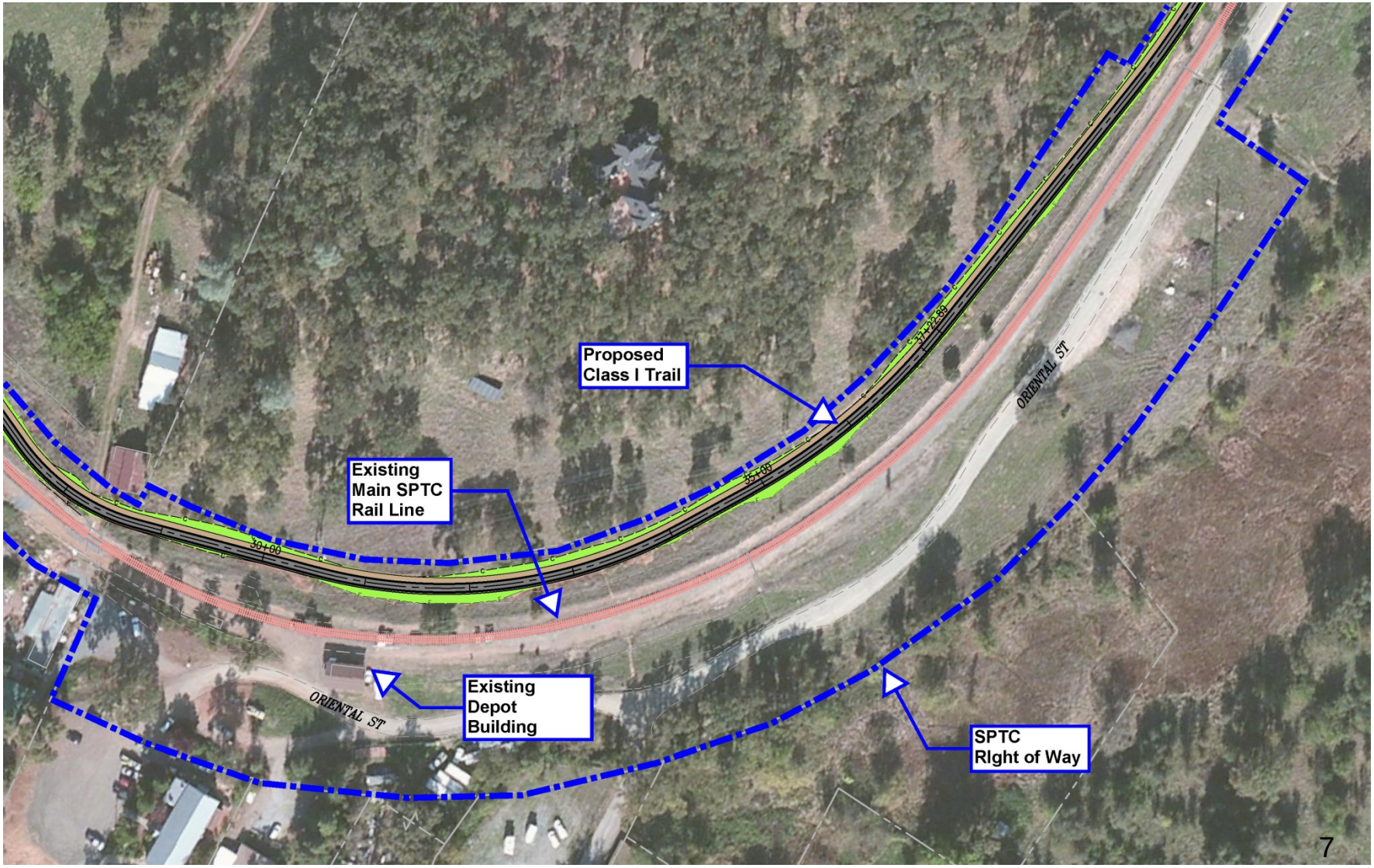
Project Map


Begin Project
Bike/Pedestrian Overcrossing
Existing Class I El Dorado Trail
Proposed Class I El Dorado Trail
Proposed Rail Park
End Project
Echo Ln
Dorado Rd
Mother Lode Dr
Ribbon Ln
Lindberg Ave
Rhodes Ave
Chestnut Ln
Forni Rd
Missouri Flat Rd
Stage Ct
Holly Dr E
El Dorado Rd
Panorama Dr
Blanchard Rd
Laurel Ln
Enterprise Dr
Lambert Ln
Oriental St
Grace Dr
Patterson Dr
Crystal Dr
Justine Ave
Pleasant Valley Rd
North St
43
49

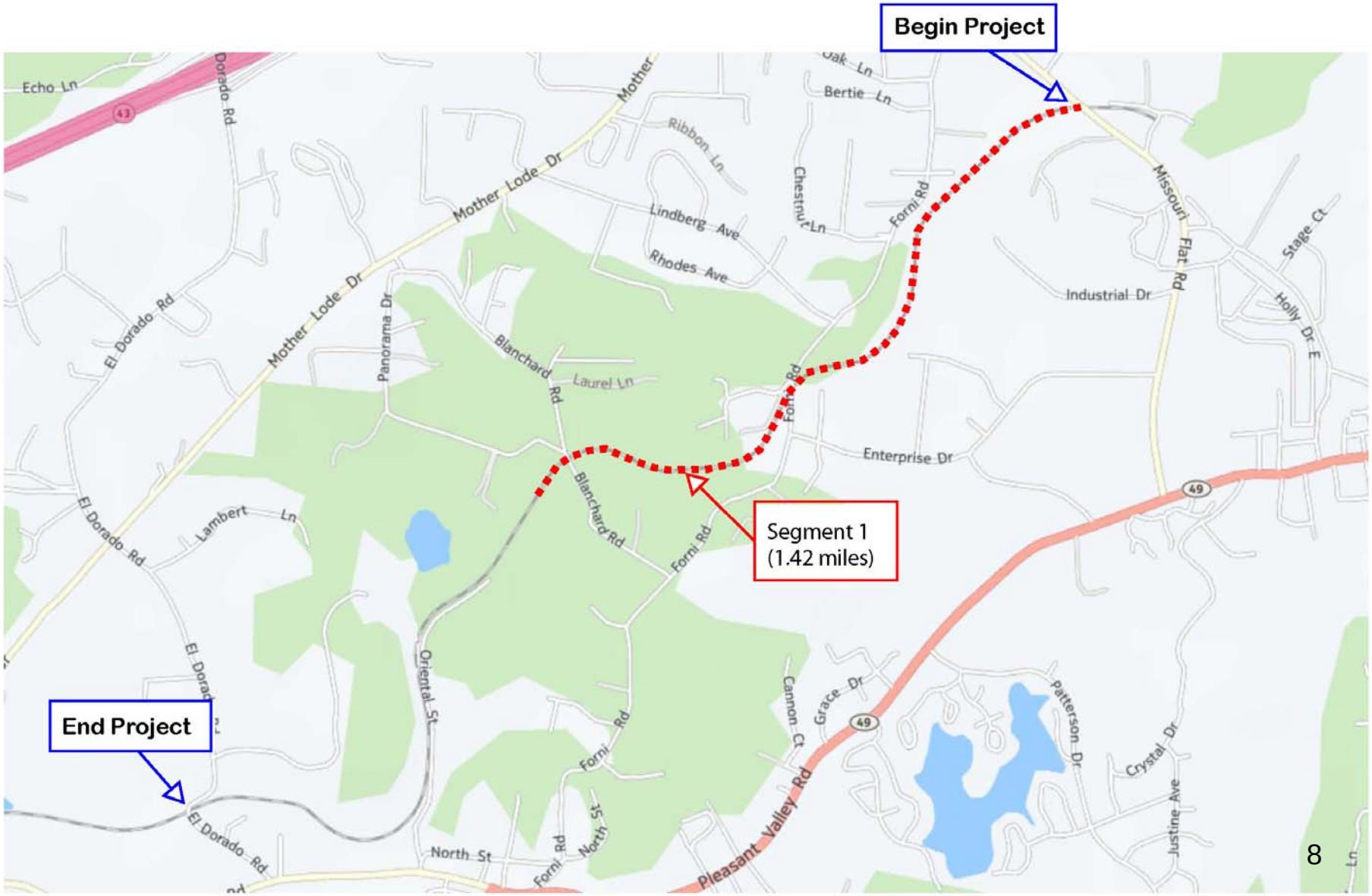
Proposed El Dorado Rail Park



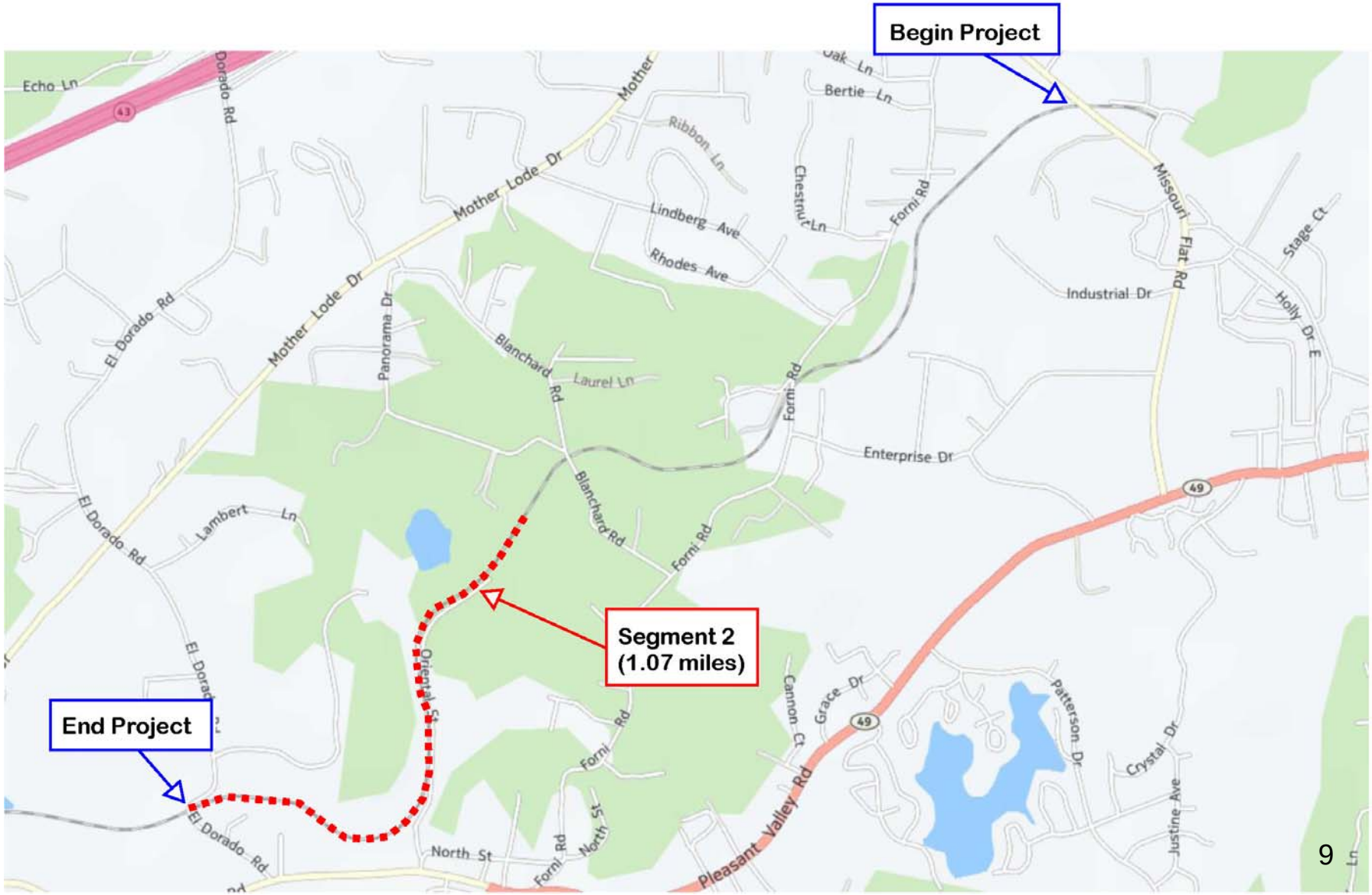
Proposed El Dorado Rail Park



Segment 1 Delineation



Segment 2 Delineation



Trail Alignment Concepts

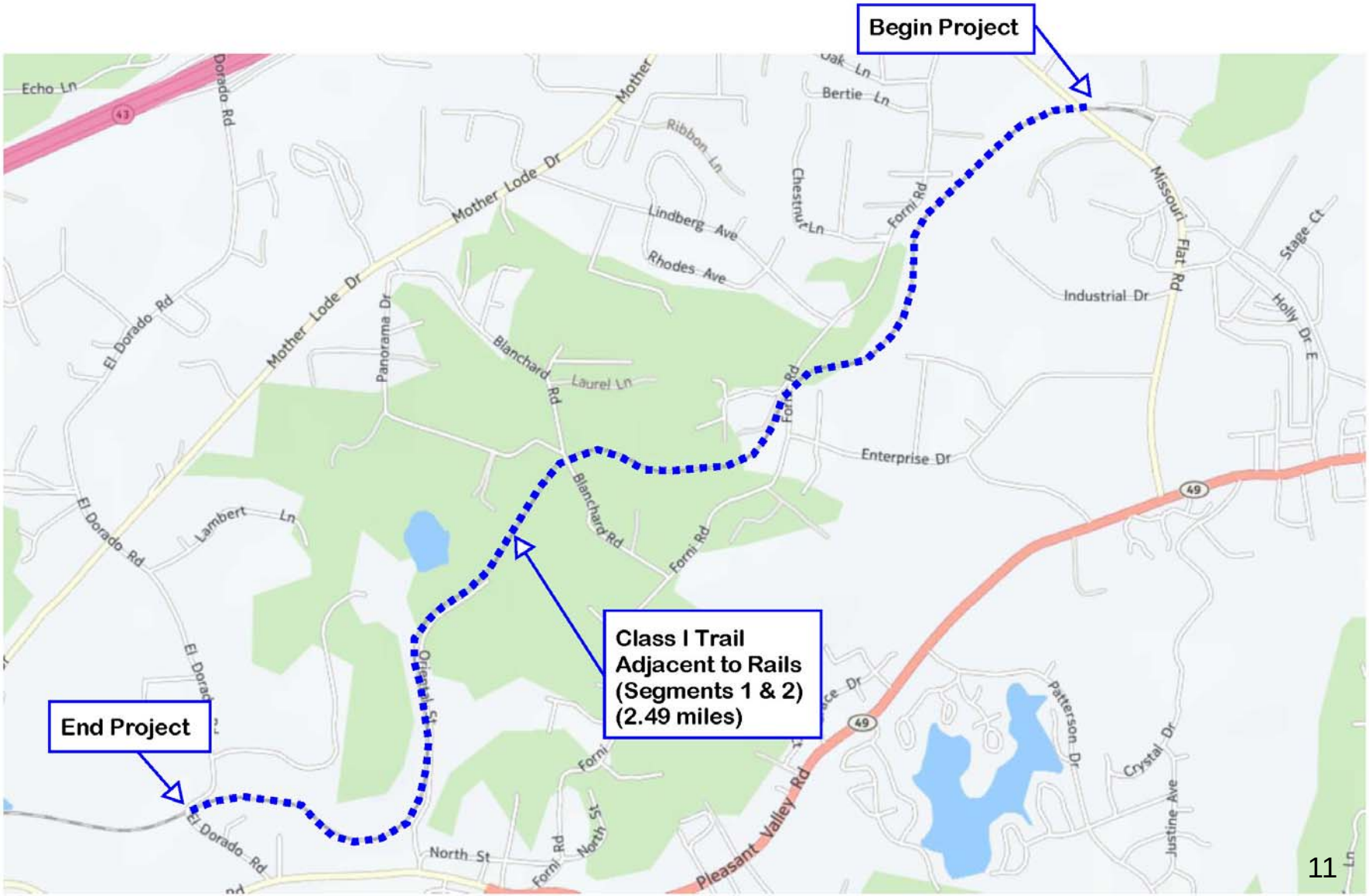
Option A

- 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

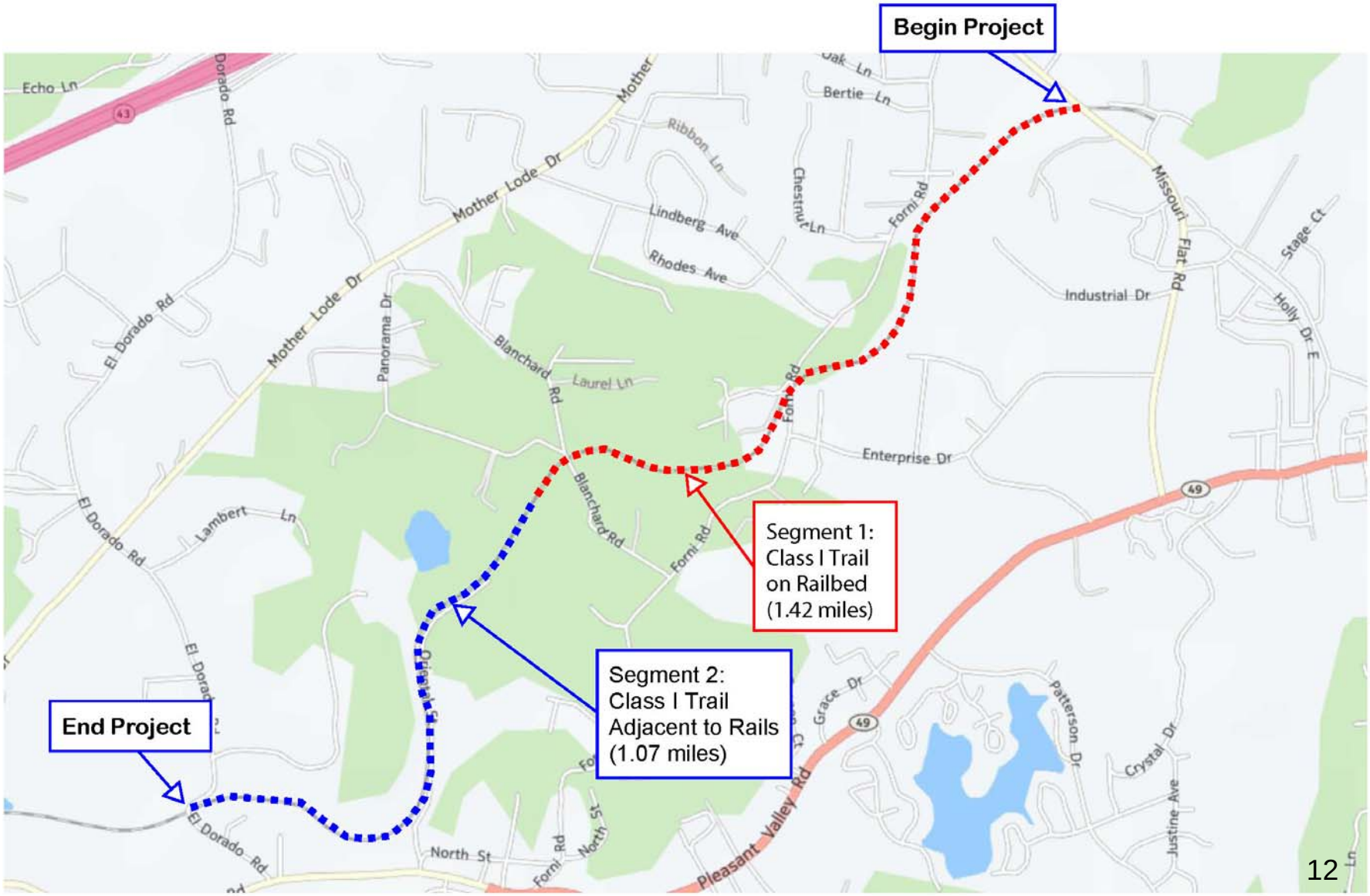
Option B

- 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



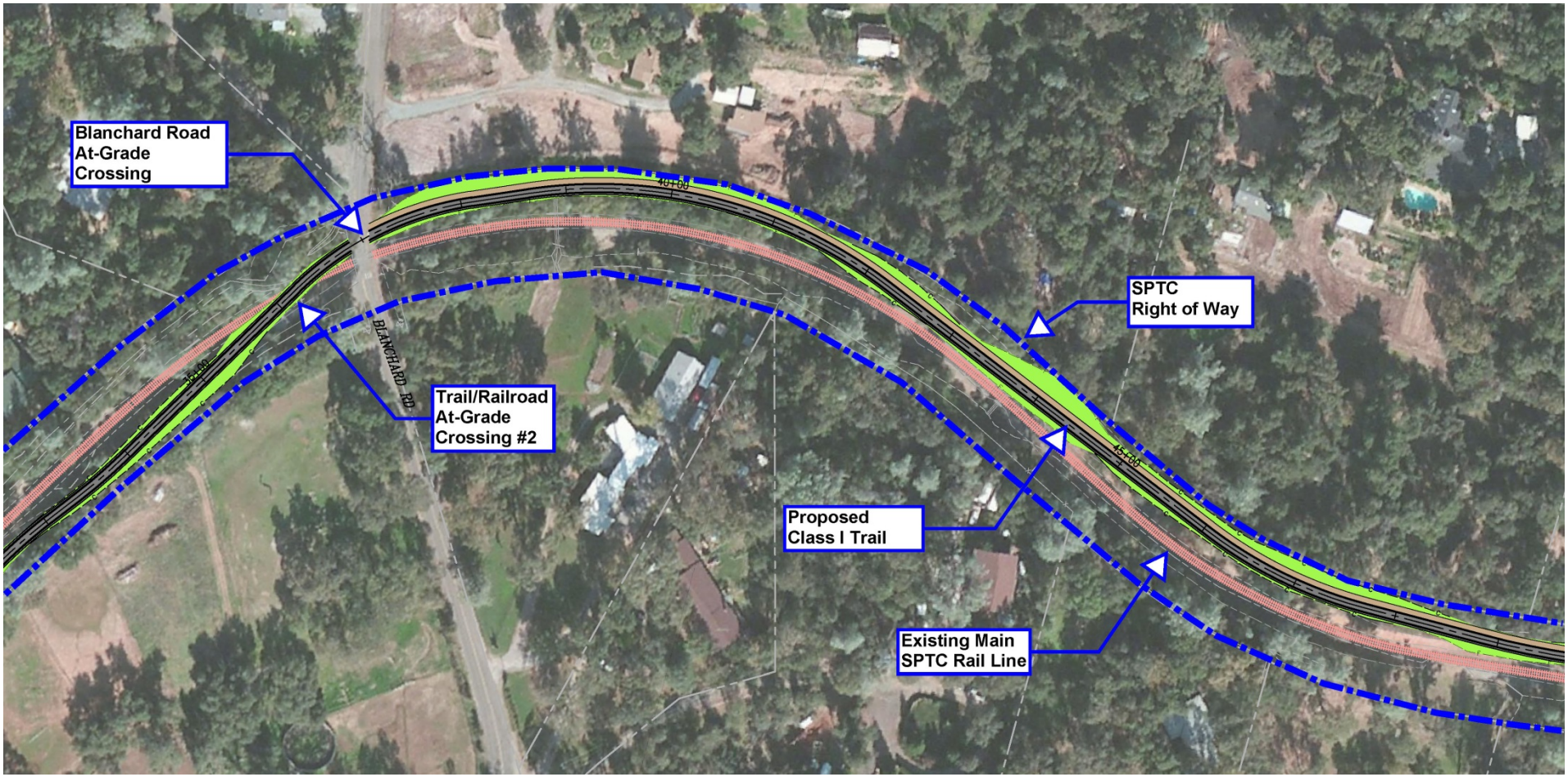
Option A Analysis

- **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)**

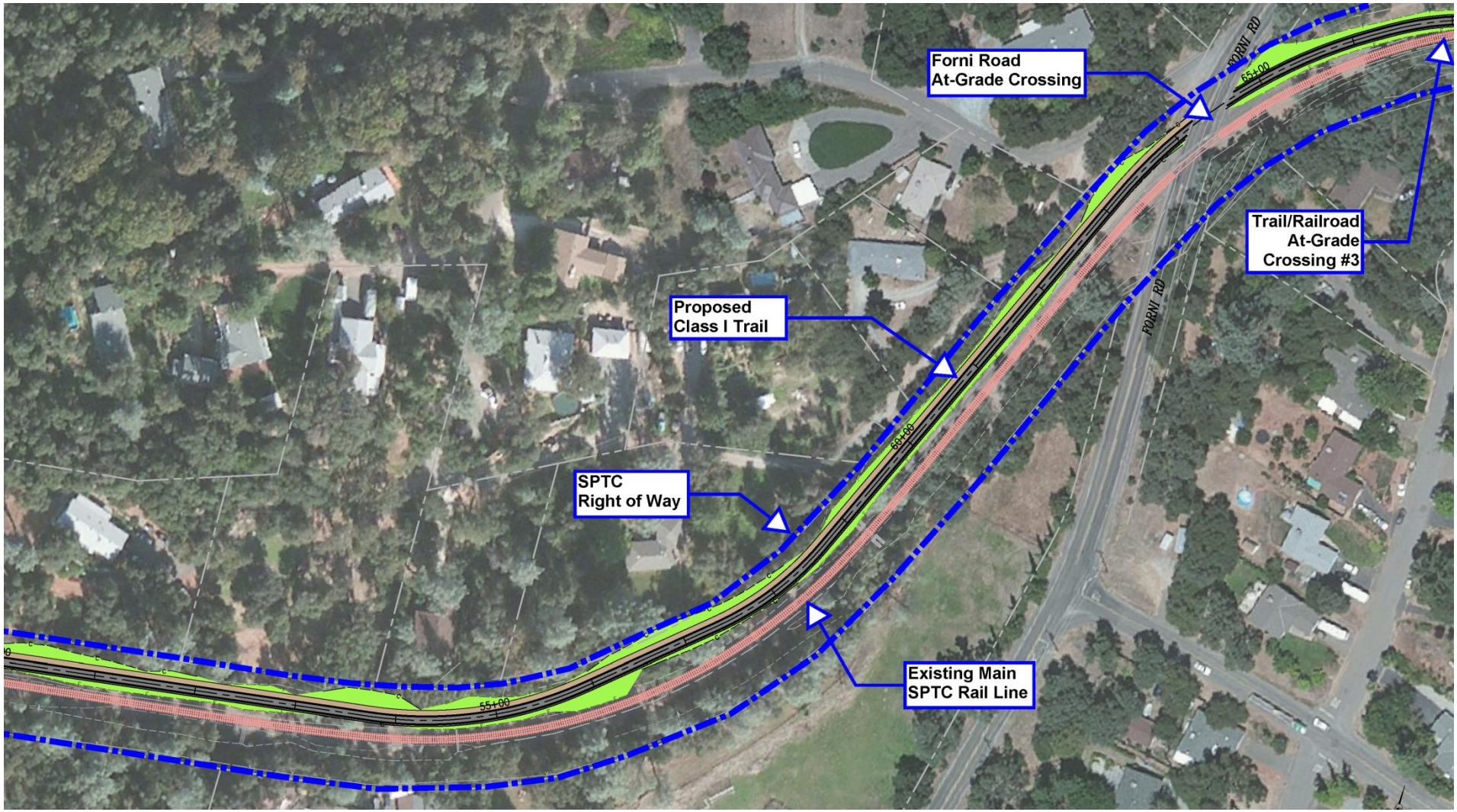
Option B Analysis

- **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**

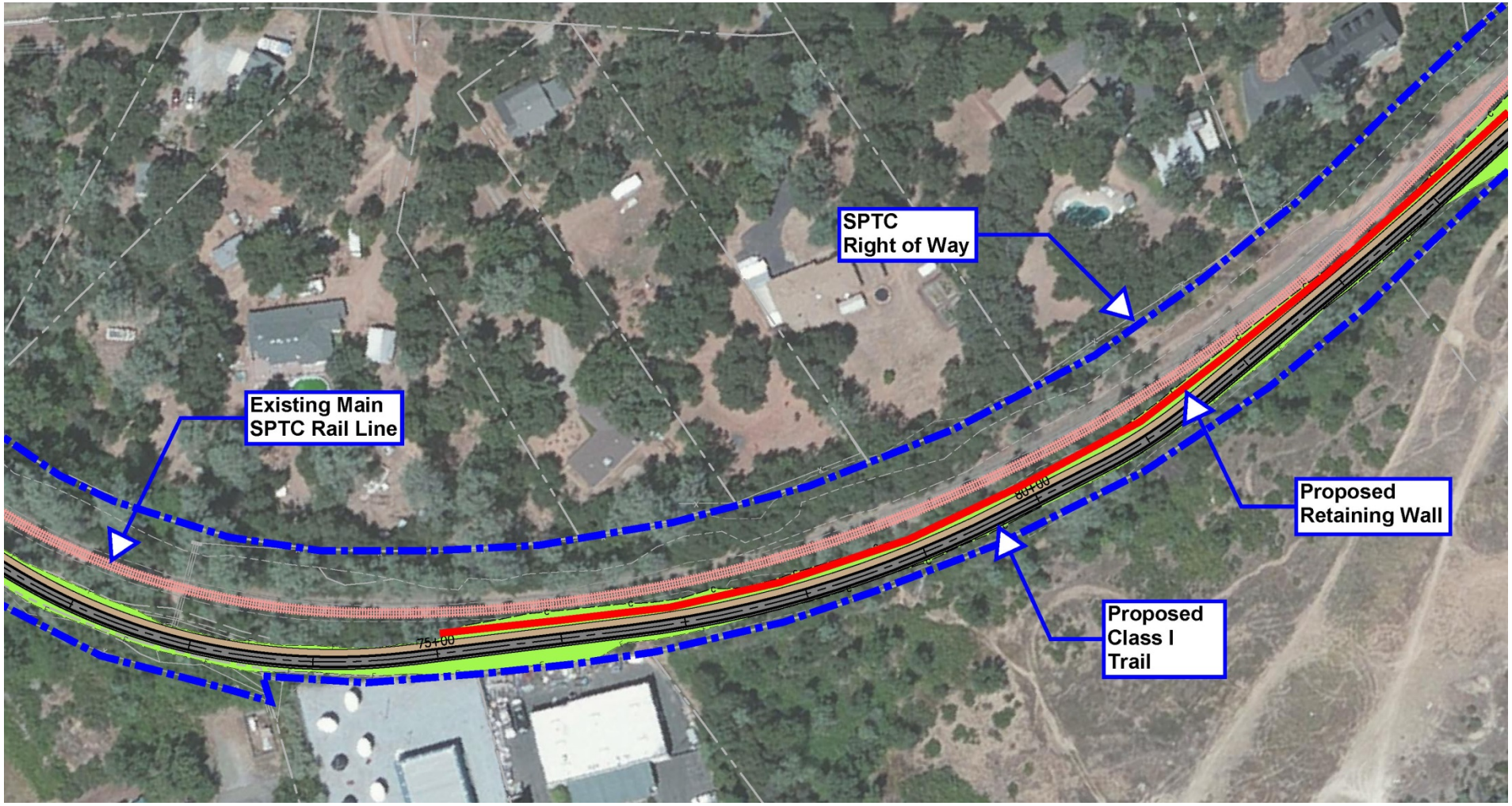
Blanchard Road Area



Forni Road Area



Merchandise Way Area



Option A Challenges

Class I / Natural Trail Combined

El Dorado Trail Extension Project

Questions?