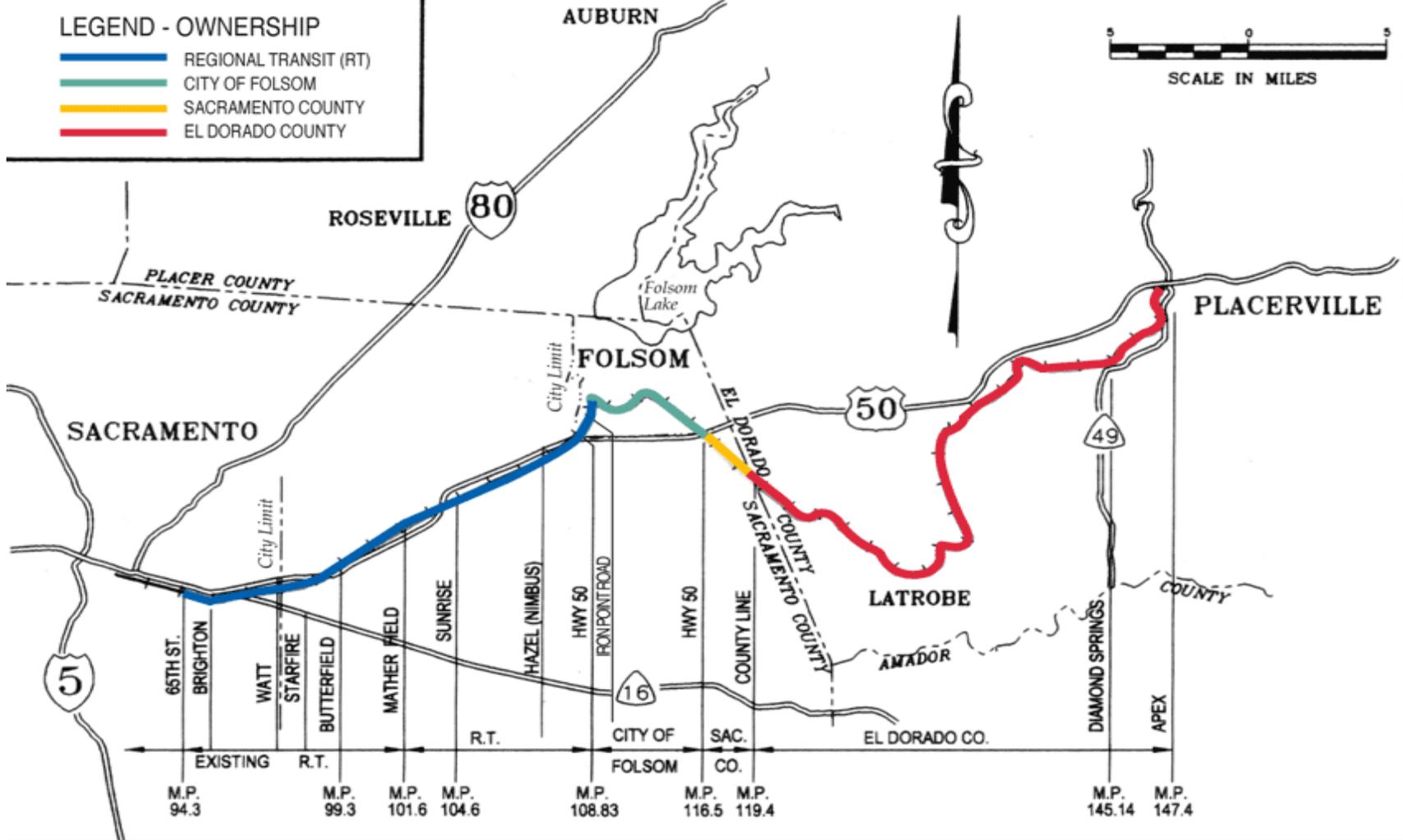

Sacramento Placerville Transportation Corridor Alternatives Analysis

EL DORADO COUNTY TRANSPORTATION COMMISSION





Sacramento Placerville Transportation Corridor

Goal of the Project

To give public officials and community members the technical analysis needed to make informed decisions about prioritizing, funding and implementing improvements to the SPTC that will provide the public with the greatest benefit.



Historic Station In El Dorado

Photo: El Dorado County Historical Museum



Maintenance of Way

Photo: Facebook El Dorado Western Railroad



Numerous active volunteers are working to improve the corridor

Transportation Modes

Reinstating Freight Rail

Mountain Biking

Light Rail

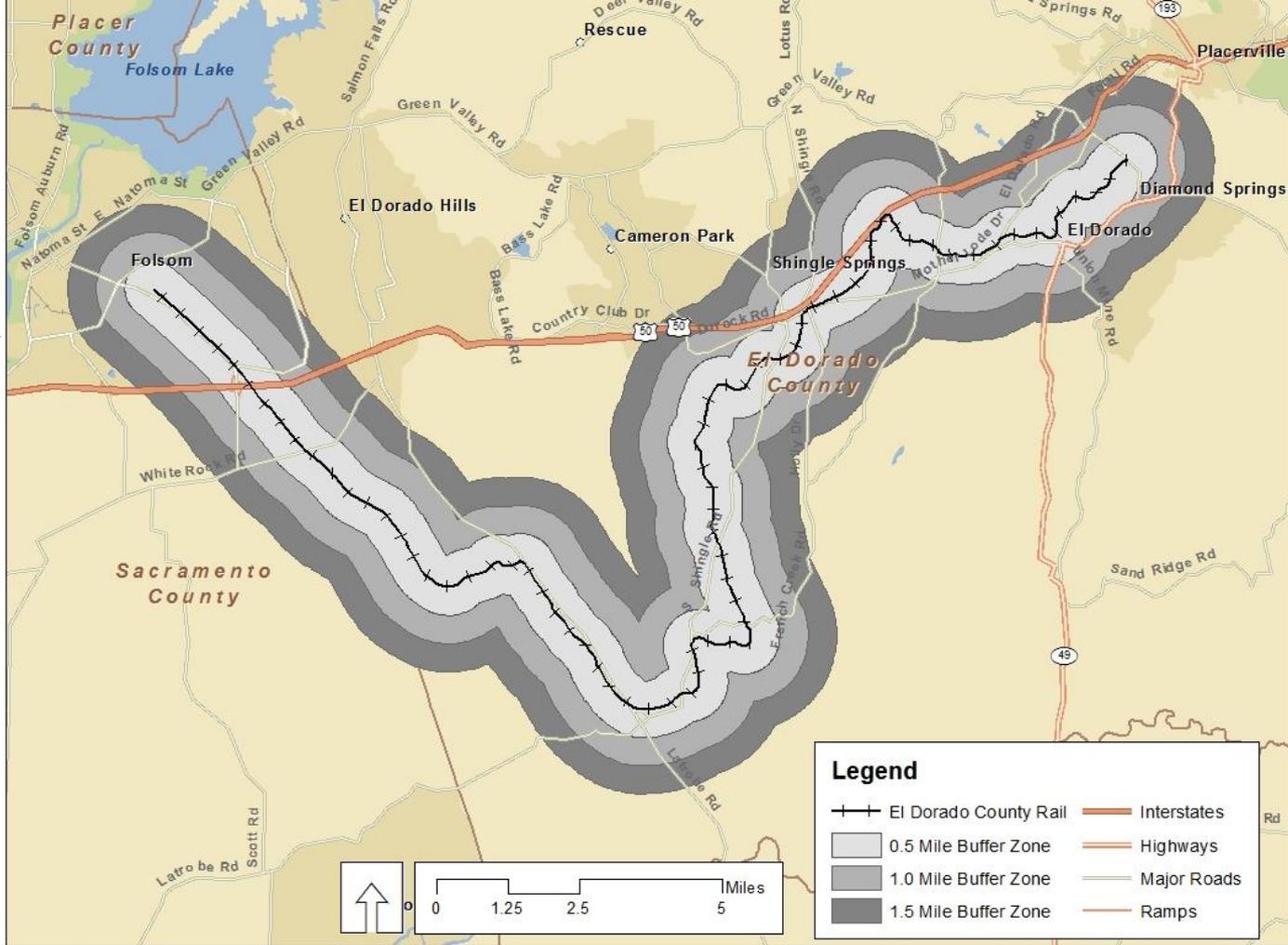
Equestrian

Excursion Train

Hiking

Road Cycling

Walking / Jogging



Characteristics of the SPTC

Sources: County of El Dorado, 2015; County of Sacramento, 2015; BAE, 2015.

Characteristics of the SPTC

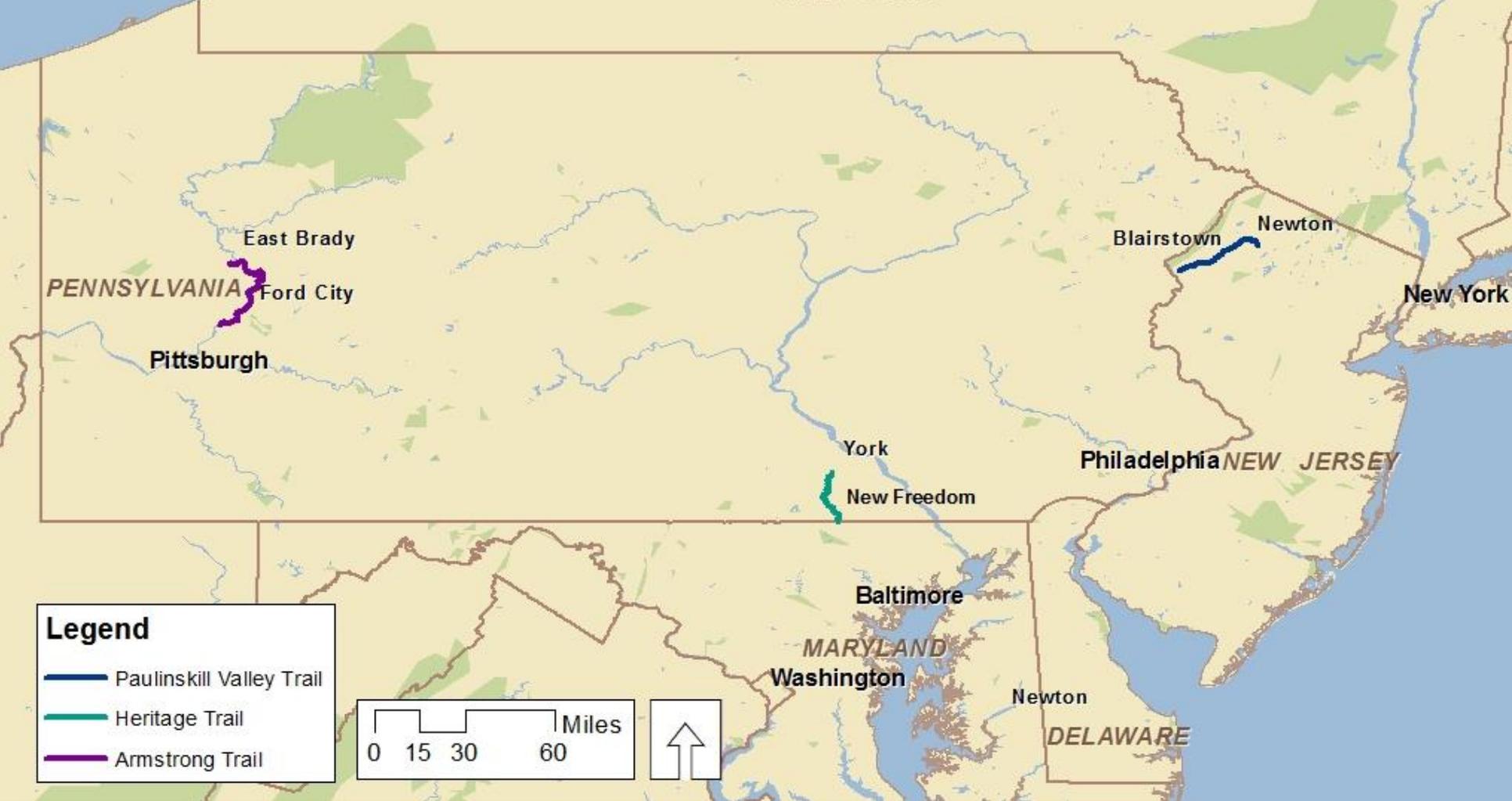
Households			
Buffer Area		2010	2035
0.5 Miles		6,200	11,900
1.0 Miles		8,000	12,200
1.5 Miles		7,700	10,400
Total, Cumulative		21,900	34,500

Jobs			
Buffer Area		2010	2035
0.5 Miles		11,600	20,400
1.0 Miles		9,900	17,400
1.5 Miles		8,700	12,500
Total, Cumulative		30,200	50,300

Sources: Fehr & Peers, El Dorado County Transportation Model, 2015; BAE, 2015.



Case Study Findings



Overview of Case Study Trails

Heritage Rail Trail

York County, Pennsylvania

User Visits: 281,145 per year

Length: 21.5 miles

Surface: Crushed Stone and Asphalt

Amenities:

- Codorus Creek
- Hanover Junction & New Freedom Train Stations

Trail Usage:

- Walking (24.8%)
- Cycling (54.9%)
- Nature Study (4.0%)

Proximity:

- York, PA (0.0 miles)
- Baltimore, MD (30 miles)
- Washington D.C. (60 miles)



2012 Survey Results

<u>Spending Type</u>	<u>Percent of Respondents</u>	<u>Average Dollars Spent</u>
Hard Goods	89%	\$356.59 (Annually)
Soft Goods	70%	\$13.28 (Person/Trip)
Lodging	6%	\$92.67 (Per Night)
Total Spending		\$7,720,760 (Annually)



Heritage Rail Trail



Heritage Rail Trail – Steam Engine

Sacramento Placerville Transportation Corridor El Dorado County, California

User Visits: 821,500 path users per year
50,000 rail riders per year

Length: 31.0 miles

Surface: Rails with Asphalt Path

Amenities:

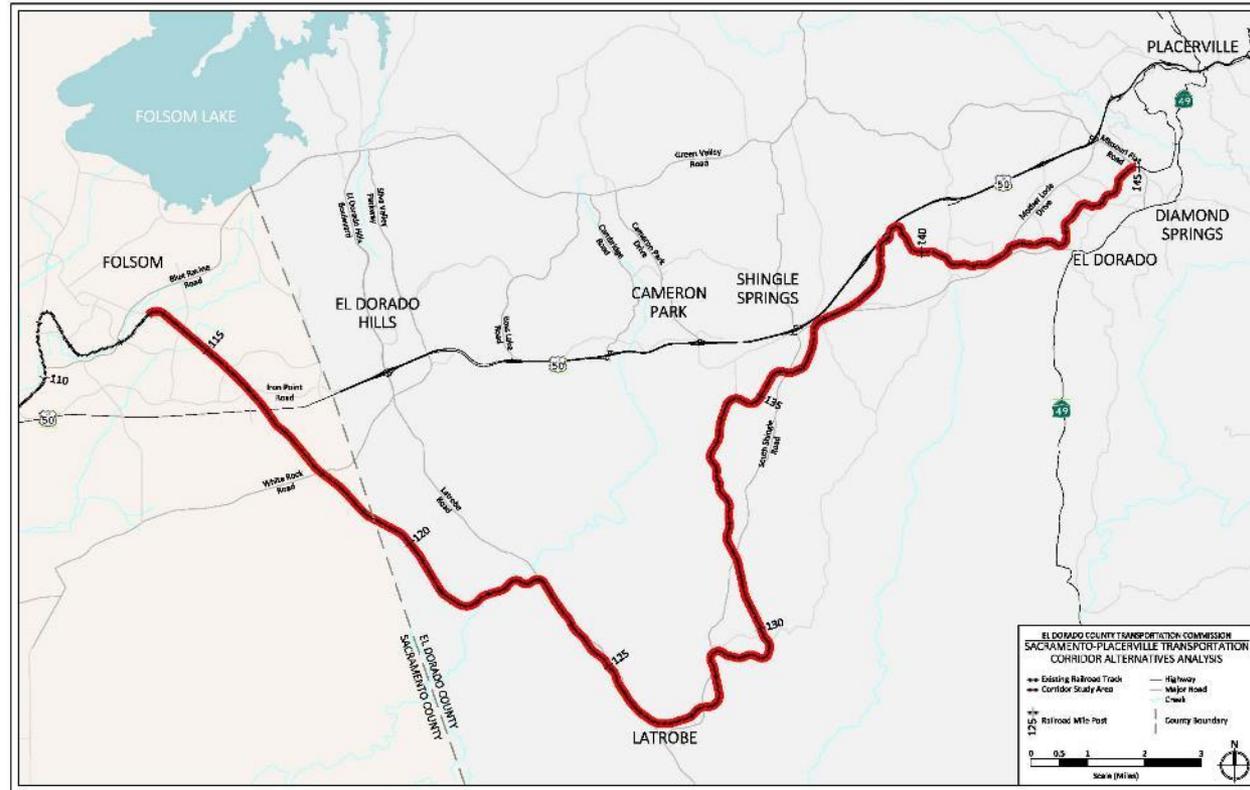
- Historic Rail Park
- Scenic vistas
- Great weather all year
- Extension of the ARP

Usage:

- Local Users (70.0%)
- Non-Local Users (30.0%)

Proximity:

- Folsom, CA (0.0 miles)
- Placerville, CA (2.0 miles)
- Sacramento, CA (25 miles)



2035 Projections	
Spending Type	Annual Average Dollars Spent
Soft Goods	\$7,877,980
Hard Goods	\$2,710,560
Lodging	\$1,933,900
Rider Fees	\$390,000
Total Spending	\$12,912,440



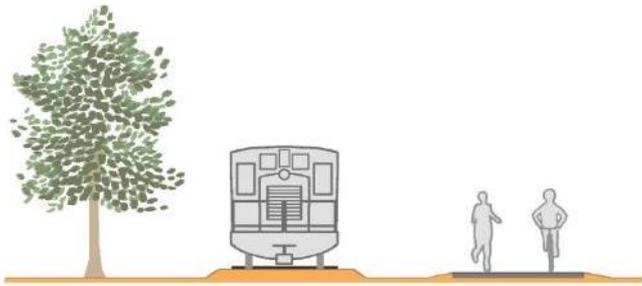
El Dorado Western Railroad



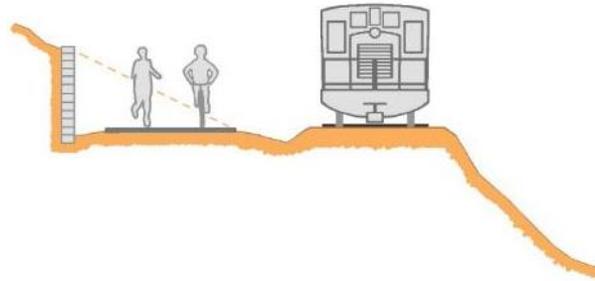
PSVRR Howard #8 debuted during RailFest 2014



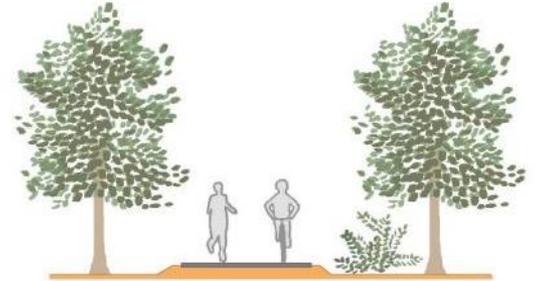
Hikers and bikers enjoy the corridor



Path off of the rail bed

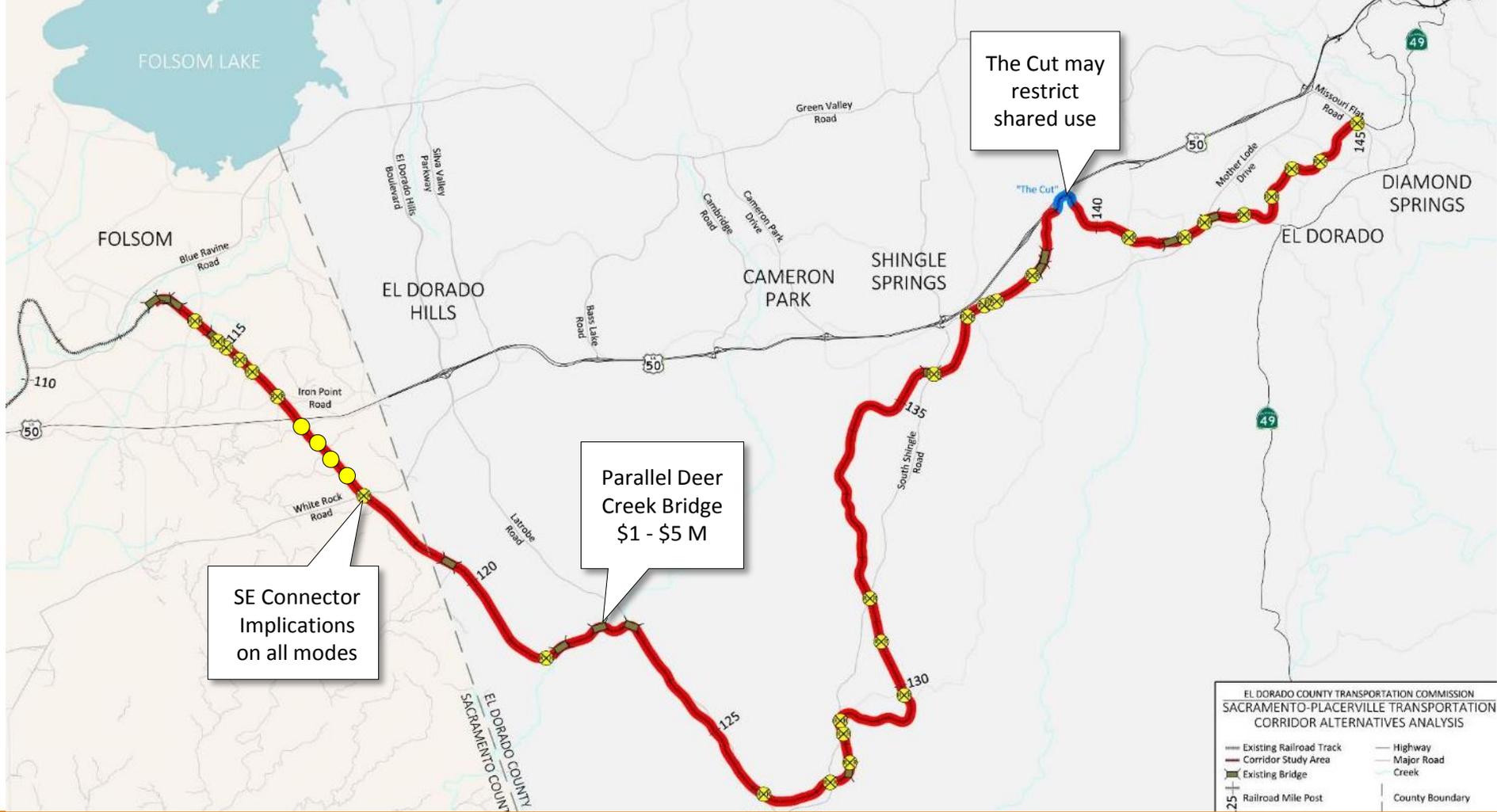


Path off of the rail bed
CONSTRAINED



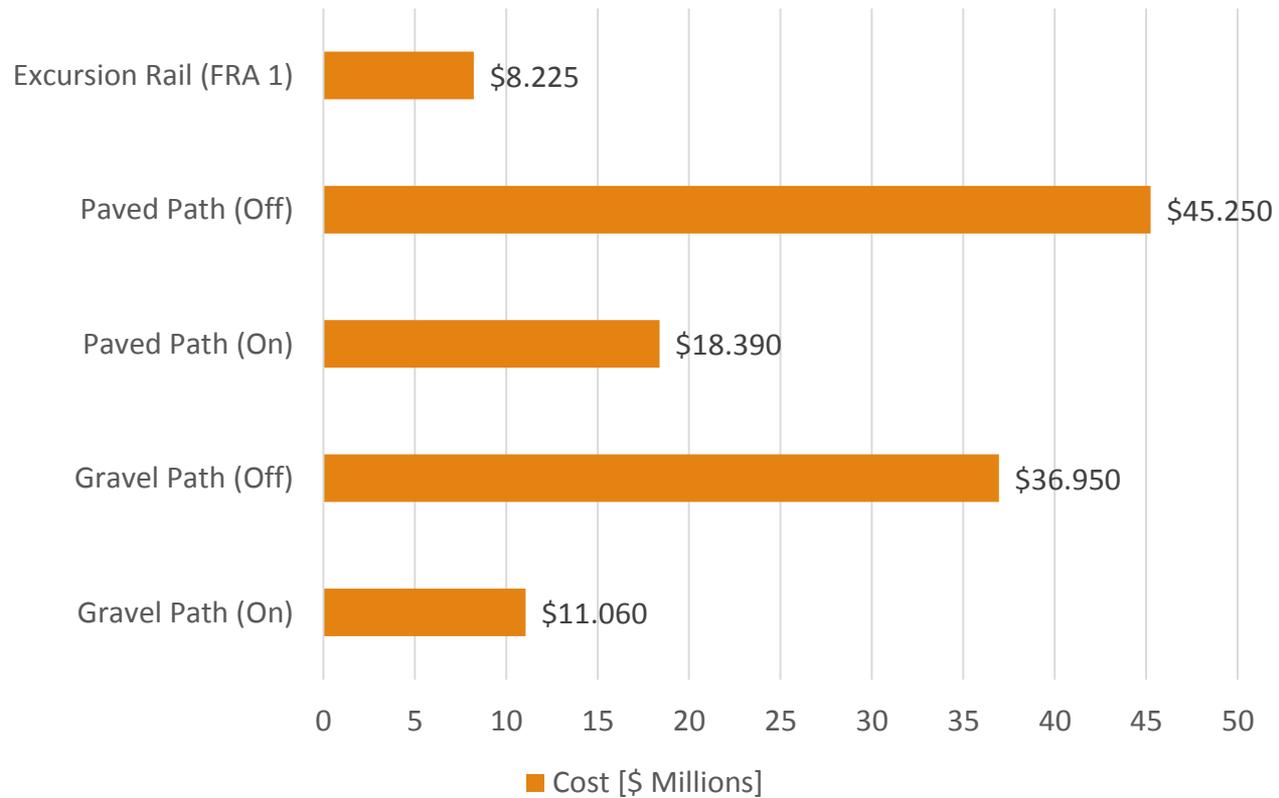
Path on the rail bed

Typical Path Sections

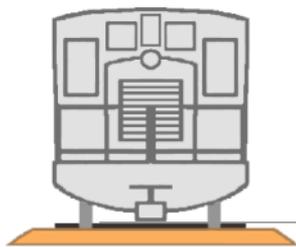


34 Roadway Crossings

Comparative Costs



EXISTING CONDITIONS



EXCURSION TRAINS (FRA I)



EXCURSION MOTORCAR



MOUNTAIN BIKE



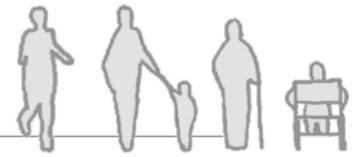
HORSES (LIMITED)



HIKING



ROAD BIKE



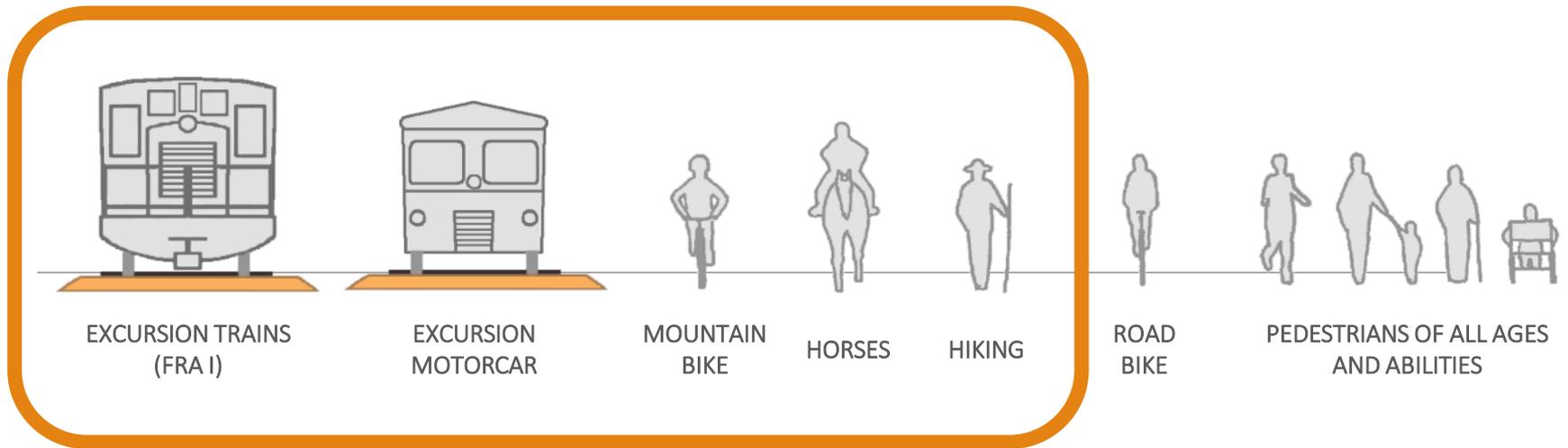
PEDESTRIANS OF ALL AGES AND ABILITIES

	Rail	Trail
Demand	EDW 2000, PSVRR 7000	10,000 ?
Improvement Cost	volunteers, donations	signs and crossings
Annual Maintenance Cost	volunteers	County Parks, volunteers
Annual Economic Benefit	\$150,000	\$150,000 ?

FRA CLASS I RAIL

AND

NATURAL TRAIL

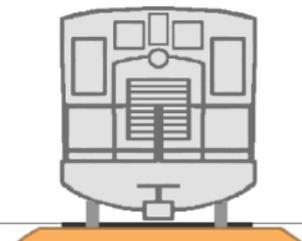


	Rail	Trail
Demand	50,000	50,000 ?
Improvement Cost	\$8,000,000	\$5,000,000
Annual Maintenance Cost	\$300,000	\$50,000
Annual Economic Benefit	\$1,000,000	\$700,000 ?

**Payback Period
10 years**

FRA CLASS I RAIL

AND PAVED PATH



EXCURSION TRAINS
(FRA I)



EXCURSION
MOTORCAR



ROAD
BIKE



PEDESTRIANS OF ALL AGES
AND ABILITIES



MOUNTAIN
BIKE



HORSES

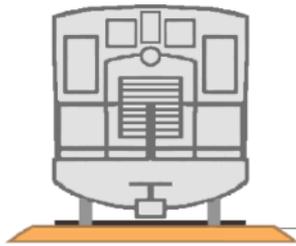


HIKING

	Rail	Path
Demand	50,000	800,000
Improvement Cost	\$8,000,000	\$45,000,000
Annual Maintenance Cost	\$300,000	\$100,000
Annual Economic Benefit	\$1,000,000	\$12,000,000

**Payback Period
4.2 years**

PAVED PATH AND NATURAL TRAIL



EXCURSION TRAINS
(FRA I)



EXCURSION
MOTORCAR



ROAD
BIKE



PEDESTRIANS OF ALL AGES
AND ABILITIES



MOUNTAIN
BIKE



HORSES



HIKING

	Rail	Path & Trail
Demand		800,000
Improvement Cost		\$18,500,000
Annual Maintenance Cost		\$100,000
Annual Economic Benefit		\$12,000,000

**Payback Period
1.5 years**



Questions?