Lake Tahoe Toolbox for Biking, Walking, and Mountain Biking

California Trails and Greenways Conference
May 2013

Outline

- Vision for Biking and Walking in Lake Tahoe
- Toolbox for Building the Network
- Bike Advocacy
- Volunteer Trail Maintenance and Building Program

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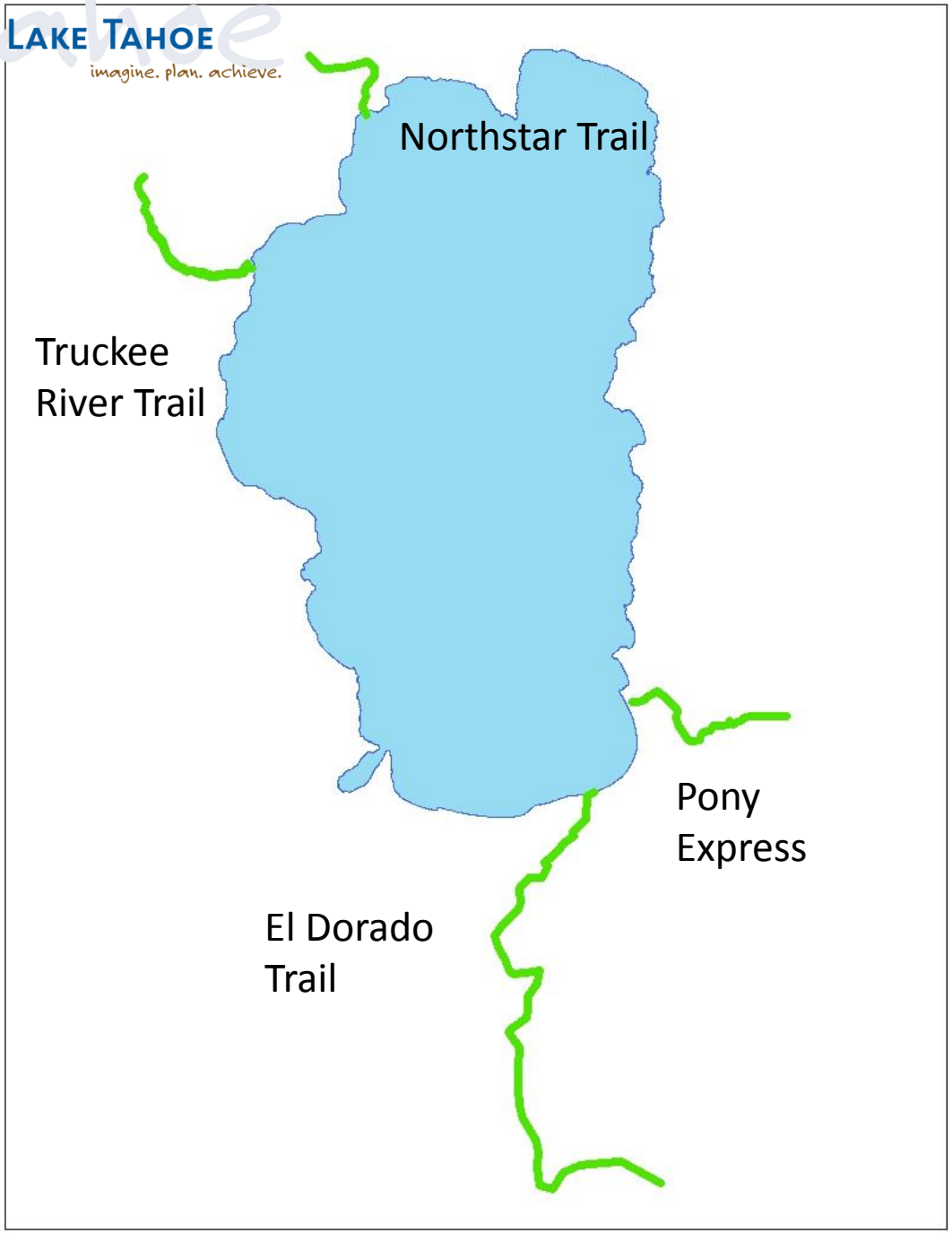
Vision: Lake Tahoe Bikeway

Future Nevada Stateline to Stateline Bike Path

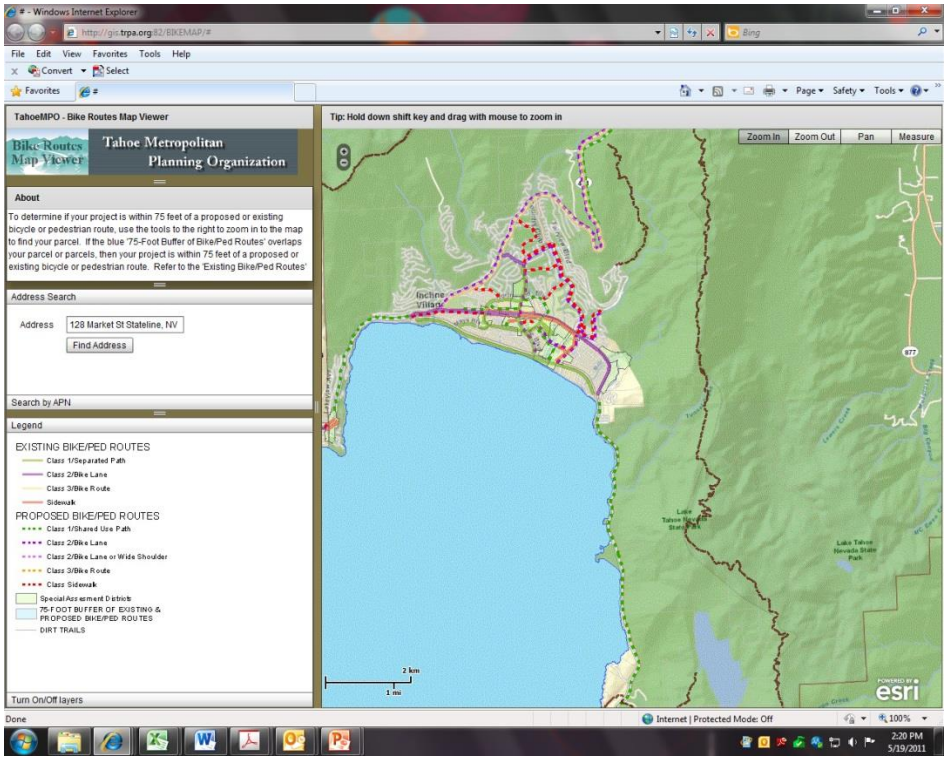
Lakeside Bike Path

West Shore Bike Trail



Inter-Regional Bicycle Connections

Tools



- Relationships
- Data
- Bike/Ped Model
- Trail Benefits
- Interactive Maps
- Policies

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Relationships

Data

Bike and Walk Usage Estimates

TABLE A: Tahoe Region Bicycle and Pedestrian Corridor Use Model

At Location of Peak Demand in Corridor

Location	
Scenario	
Analyst	

Corridor	Maximum Feasible Demand		Use Factor -- Reduction from Maximum (5)							Daily Use Estimate
			Class	Grade	Continuity	Maint-enance	Recre-ational Value	Conges-tion	Multi-plicative Total	
BICYCLISTS										
Resident Bike to Facility	0	Note 1	0%	0%	0%	0%	0%	0%	0%	0
Visitor Bike to Facility	0	Note 1	0%	0%	0%	0%	0%	0%	0%	0
Bicyclists Drive to Facility	0	Note 2	0%	0%	0%	0%	0%	0%	0%	0
Total -- Best Estimate										0
High End of Estimate Range										*0*
Low End of Estimate Range										*0*
PEDESTRIANS										
Resident Walk to Facility	0	Note 3	--	0%	0%	0%	0%	0%	0%	0
Visitor Walk to Facility	0	Note 3	--	0%	0%	0%	0%	0%	0%	0
Pedestrians Drive to Facility	0	Note 4	--	0%	0%	0%	0%	0%	0%	0
Total -- Best Estimate										0
High End of Estimate Range										*0*
Low End of Estimate Range										*0*

Table A Model Form | Table B Potential Bike Demand | Table C Potential Walk Demand | Table D Factors

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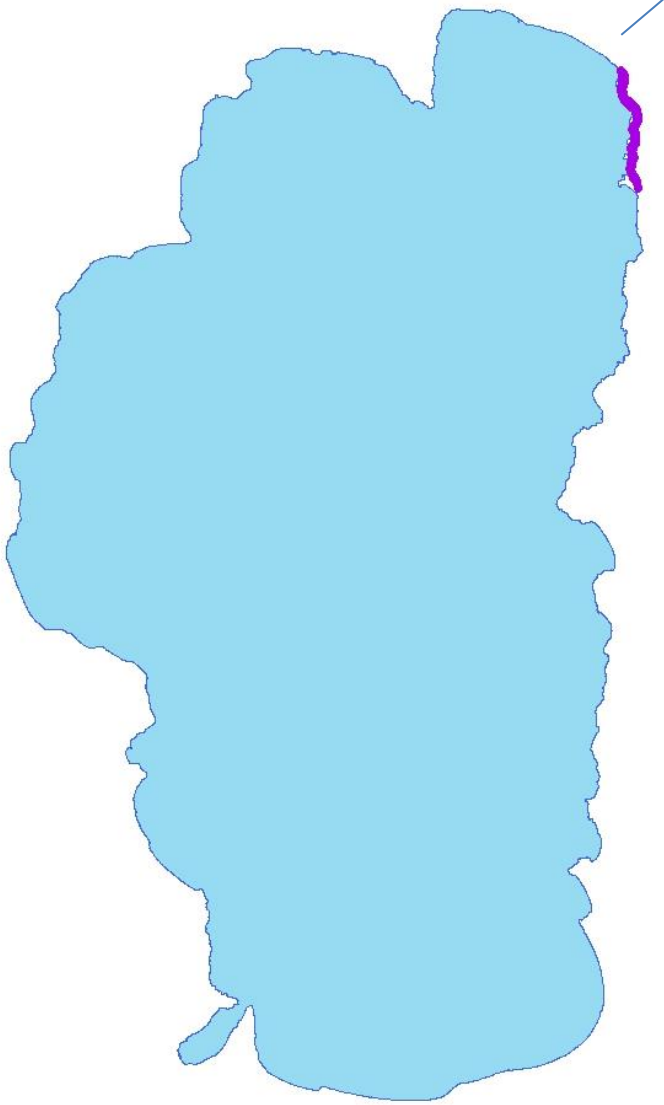
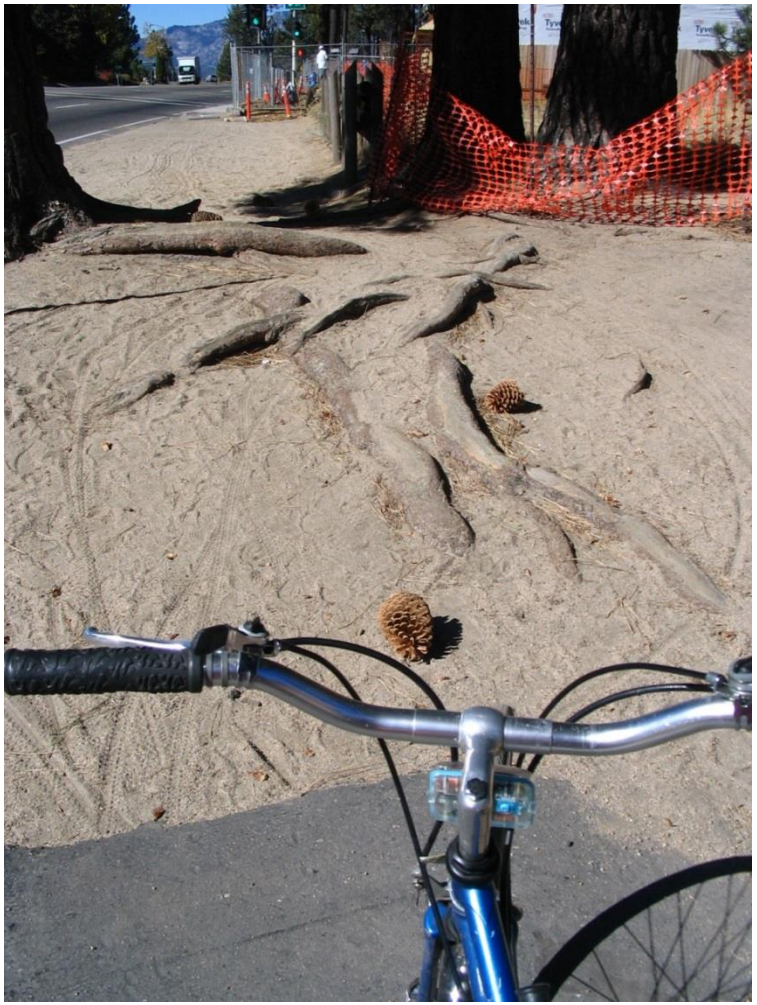
Bike and Walk Usage Estimates



Bike and Walk Usage Estimates Reduction Factors

- Facility Class
- Grade
- Facility Continuity
- Maintenance
- Recreational Value
- Congestion

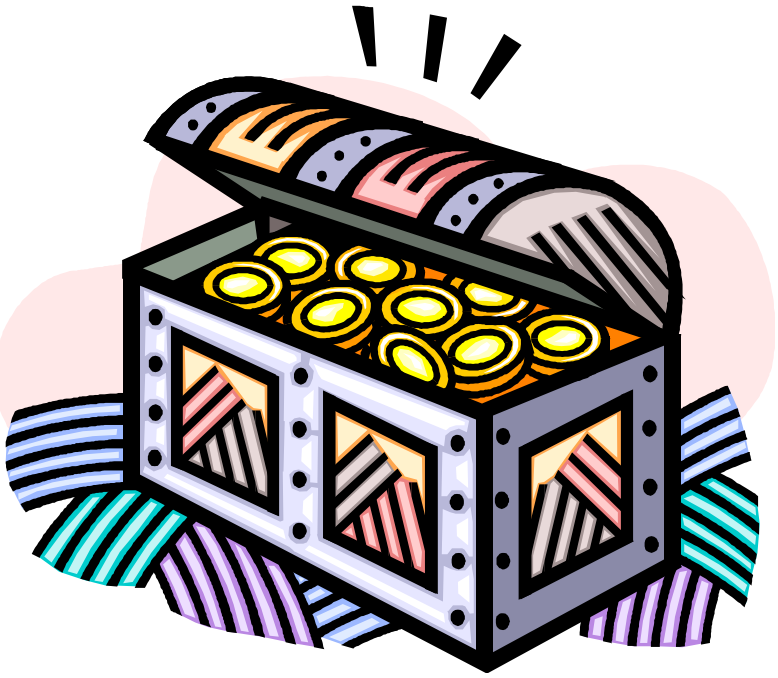


Bike and Walk Usage Estimates
% Reductions

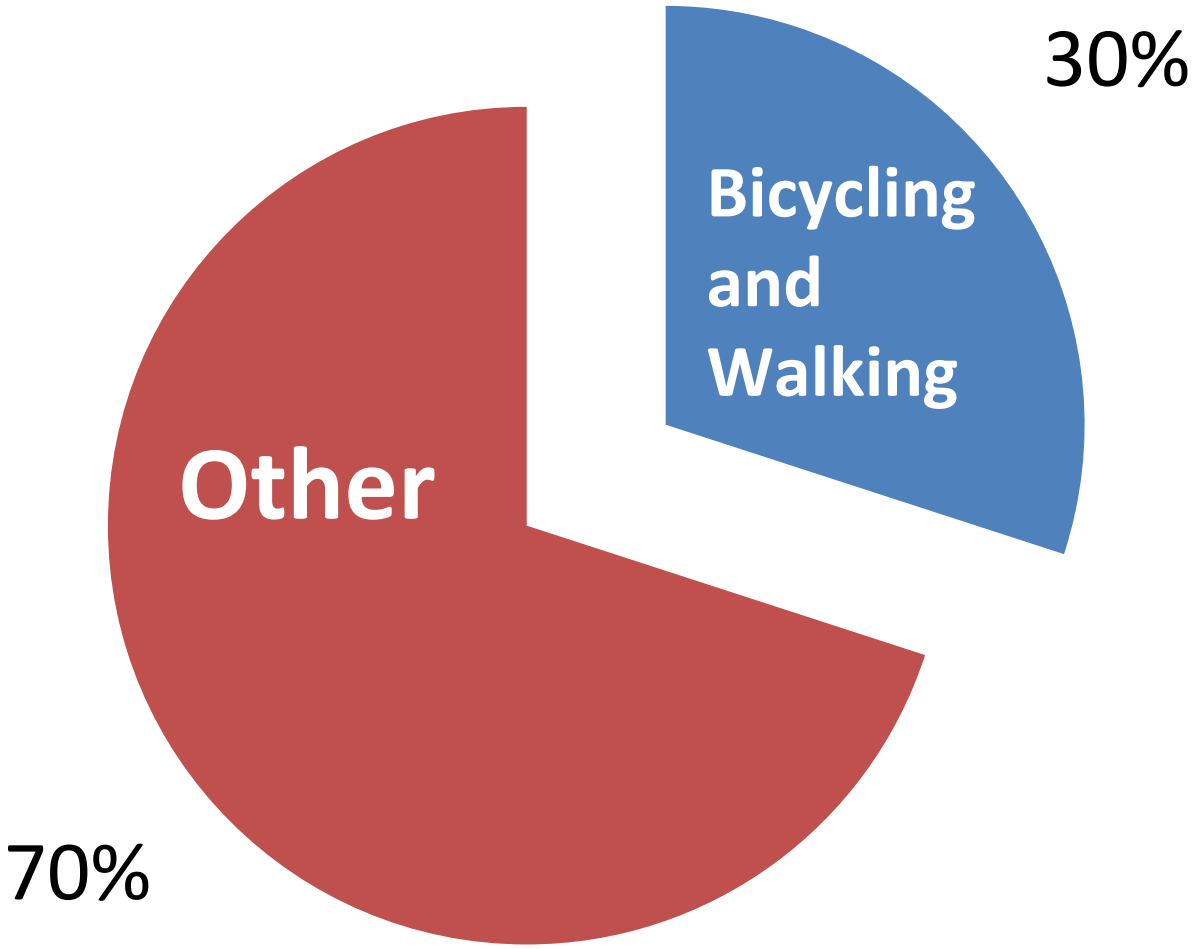
		Residents	Visitors
Recreational Value	High	0%	0%
	Medium	9%	18%
	Low	21%	33%

Benefits

Economic: $6M to 23M per year



Primary Reason for Visiting Lake Tahoe



Benefits

Environmental: 8,500 VMT Reduction

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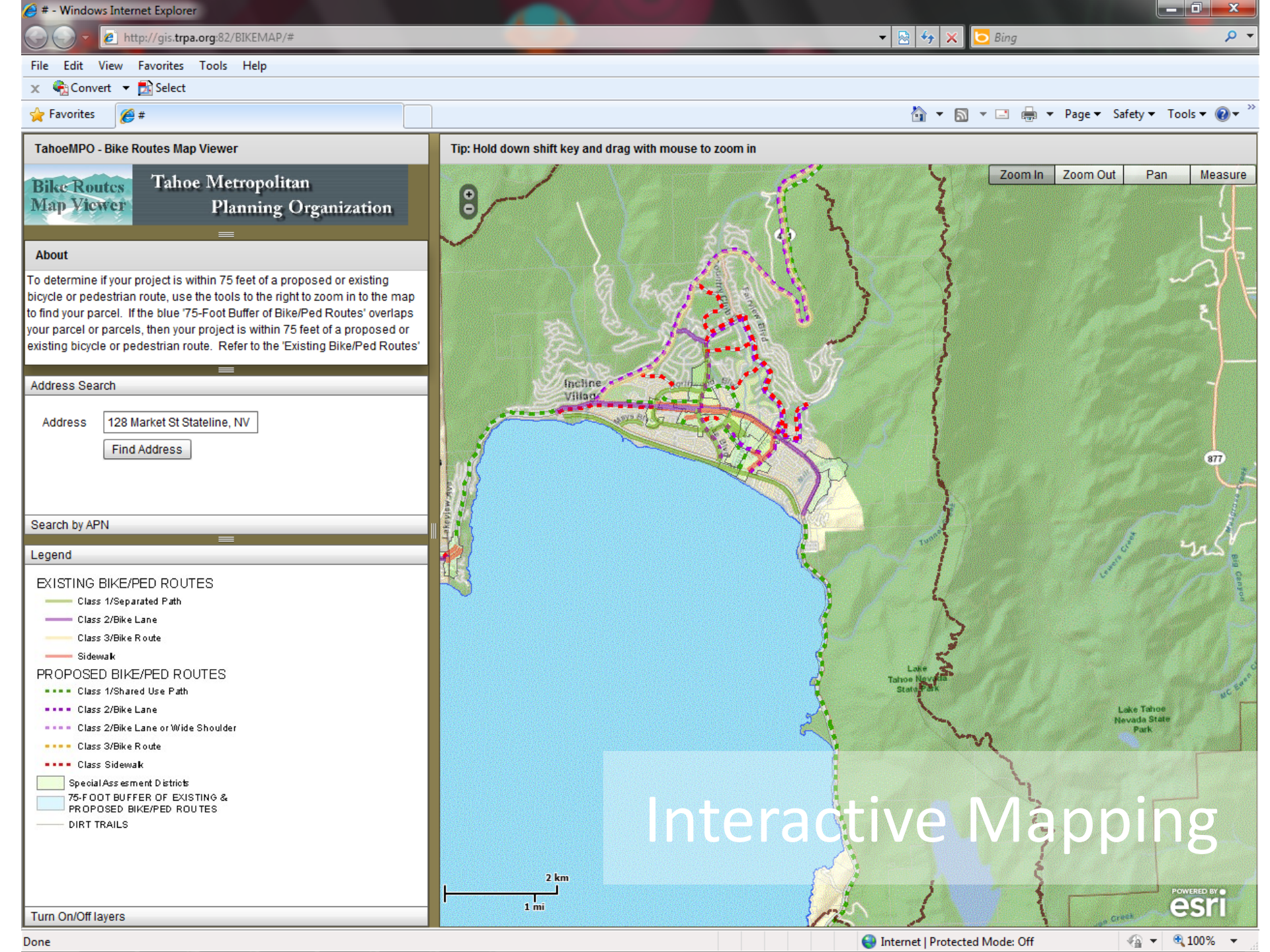
Benefits

Health: $7 Million Savings per year

Potential Economic Benefits of Mountain Biking


- Windows Internet Explorer
http://gis.trpa.org:82/BIKEMAP/#
Bing
File Edit View Favorites Tools Help
Convert Select
Favorites
Page Safety Tools
TahoeMPO - Bike Routes Map Viewer
Bike Routes Map Viewer
Tahoe Metropolitan Planning Organization
About
To determine if your project is within 75 feet of a proposed or existing bicycle or pedestrian route, use the tools to the right to zoom in to the map to find your parcel. If the blue '75-Foot Buffer of Bike/Ped Routes' overlaps your parcel or parcels, then your project is within 75 feet of a proposed or existing bicycle or pedestrian route. Refer to the 'Existing Bike/Ped Routes'
Address Search
Address
128 Market St Stateline, NV
Find Address
Search by APN
Legend
EXISTING BIKE/PED ROUTES
Class 1/Separated Path
Class 2/Bike Lane
Class 3/Bike Route
Sidewalk
PROPOSED BIKE/PED ROUTES
Class 1/Shared Use Path
Class 2/Bike Lane
Class 2/Bike Lane or Wide Shoulder
Class 3/Bike Route
Class Sidewalk
Special Assessment Districts
75-FOOT BUFFER OF EXISTING & PROPOSED BIKE/PED ROUTES
DIRT TRAILS
Turn On/Off layers
Tip: Hold down shift key and drag with mouse to zoom in
Zoom In
Zoom Out
Pan
Measure
Incline Village
Lake Tahoe Nevada State Park
877
2 km
1 mi
POWERED BY esri
Interactive Mapping
Done
Internet | Protected Mode: Off
100%

RPU Bike-Friendly Policies

- **Bike Trails in New Development**
- **Bike Trail Coverage Waiver**
- **LOS waiver**

Bicycle Advocacy in Lake Tahoe

- Lake Tahoe Bicycle Coalition
- Community Mobility Working Group
- TAMBA