

# Town of Truckee Engineering Department Capital Projects Update

Tahoe Donner Association Board of Directors Meeting - November 17, 2023

# Pioneer Trail and Bridge Street Extension Project

## 2021-2023 Efforts

- ▶ Baseline Environmental Studies (wetland/floodplain, biological resources, and cultural resources) - **Complete**
- ▶ Traffic Analysis, including greenhouse gas emissions, level of service, vehicle miles travelled, and emergency evacuation - **Complete**
- ▶ Roadway Alignment Alternatives/Updated Cost Estimates - **Complete**
- ▶ Fiscal Analysis to identify funding strategies - **Complete**



SECTION 1  
(SEE FIG. 2)

SECTION 2  
(SEE FIG. 3, AND 4)

SECTION 3  
(SEE FIG. 5)

SECTION 4  
(SEE FIG. 6)

SECTION 5  
(SEE FIG. 7)

SECTION 6  
(SEE FIG. 8)

SECTION 7  
(SEE FIG. 0)

PARKING LOT  
TO REMAIN

TRAIL TO REMAIN

PEDESTRIAN/BIKE  
BRIDGE TO REMAIN

TRAIL TO REMAIN

WETLANDS (TYPICAL)

AREA OF POTENTIAL EFFECT  
(APE) BOUNDARY (TYPICAL)

TRAIL TO REMAIN

DONNER PASS RD

68 AMH

INDIAN JACK RD

INTERSTATE 80

DONNER PASS RD

TRUCKEE RIVER



0 300' 600'  
 22x34 SHEETS: 1" = 300'  
 11x17 SHEETS: 1" = 600'

# Summary of Studies

## Baseline Environmental Resources

- Special-status plant and animal species may be present in the project area and will need to be avoided/mitigated during design and construction.
- Trout Creek and surrounding wetlands run through the middle of the project area.
- Cultural resources present in the project area. Additional studies may be necessary as part of final design and construction.

## Traffic Analysis of New Roadway at Town Build Out

- 13% improvement to traffic on DPR between Northwoods and SR89 South
- Improvements Recommended to Reduce Vehicle Delay at Surrounding Intersections (LOS)
  - Dedicated left-turn and right-turn lanes at new Northwoods/Pioneer intersection
  - All-way stop at Bridge/Jibboom
- Roughly 1% reduction in townwide GHG emissions equating to approximately 1,244 metric tons of CO<sub>2</sub> reduction annually
- Emergency Evacuation of Tahoe Donner
  - Potentially up to a 32% reduction in evacuation time if Northwoods is striped two lanes southbound from Northwoods/Northwoods to new Northwoods/Pioneer Trail intersection.

# Financial Study

- ▶ Total project cost estimated to be \$42.6 million
- ▶ Three Funding Strategies prepared to fund the total project cost
- ▶ All funding strategies include:
  - ▶ \$5 million in existing revenues (TIF and TSSA-1)
  - ▶ \$5 million additional TIF revenue over life of project
  - ▶ \$2.2 million Measure U for new trail construction
  - ▶ TSSA-1 revenue of \$597,000 to secure bond issuance
  - ▶ TIF revenue of \$750,000 to secure bond issuance

Item	Funding Strategy 1	Funding Strategy 2	Funding Strategy 3
<b>Total Project Funding Gap [1]</b>		<b>(\$37,625,289)</b>	
<b>PAYGO Revenues [2]</b>			
Traffic Impact Fee	\$5,000,000	\$5,000,000	\$5,000,000
Measure U Sales Tax	\$2,160,000	\$2,160,000	\$2,160,000
<b>Subtotal PAYGO Revenues</b>	<b>\$7,160,000</b>	<b>\$7,160,000</b>	<b>\$7,160,000</b>
<b>Bond Proceeds</b>			
TSSA 1 Assessment	\$6,140,000	\$6,140,000	\$6,140,000
Traffic Impact Fee	\$7,805,000	\$7,805,000	\$11,760,000
Parcel Tax (Tahoe Donner only)	\$16,862,000	-	\$12,592,000
Parcel Tax (Townwide)	-	\$16,862,000	-
<b>Subtotal Bond Revenues</b>	<b>\$30,807,000</b>	<b>\$30,807,000</b>	<b>\$30,492,000</b>
<b>Total Funding (Rounded)</b>	<b>\$37,967,000</b>	<b>\$37,967,000</b>	<b>\$37,652,000</b>

- ▶ **Funding Strategy 1** - New parcel tax on TD property owners (**\$200/yr for 30 years**)
- ▶ **Funding Strategy 2** - New parcel tax townwide (**\$85/yr for 30 years**)
- ▶ **Funding Strategy 3** - New parcel tax on TD property owners (**\$150/yr for 30 years**) and additional \$375,000 TIF revenue for bonds dedicated to the project

# Next Steps

Present study results to Town Council on December 12<sup>th</sup> and obtain direction of next steps for the project.

Questions for Town Council:

Town staff continue to work on next steps for the project in the immediate future or put the project on hold until a later date to be determined by Council/Community priorities?

- When work is continued, staff proposes that the next step is to conduct polling to assess the interest by the community, more specifically Tahoe Donner residents, to help fund the project through parcel assessments.

Currently, there are various other community initiatives that are also measuring community support. May not be the right time to test community support for this project.

# In Closing



- ▶ A property assessment will likely be needed to provide funding for the project.
- ▶ Polling is the recommended next step, which should occur at a later date given the current polling efforts.
- ▶ Encourage the Tahoe Donner Board and interested residents to provide comments to Town Council on where the association/residents stand relative to the continuation of this project.
- ▶ **December 12, 2023 Council Meeting**

# Truckee Special Service Area 1

## TSSA 1 Funds

### ▶ Revenue

- ▶ \$95.00 per improved lot
- ▶ \$70.00 per unimproved lot
- ▶ \$597,000 per year

### ▶ Allowable Uses

- ▶ Roadway and drainage maintenance and improvement.
- ▶ Trail development and construction within and/or serving the TSSA 1 service area.
- ▶ Enhanced snow removal.
- ▶ Parking improvements in the Town right-of-way which provide direct benefit to the residents of the TSSA 1 service area and are open to the general public.
- ▶ Design and construction of the Pioneer Trail/Bridge Street Extension Project.
- ▶ Funds collected during the 19/20 and 22/23 fiscal year are also eligible to use on transit.

# TSSA 1 Funded Projects



## Ongoing:

- Annual Paving and Drainage



## Current:

- Radar Speed Sign Project
- Pioneer Trail Extension



## Future:

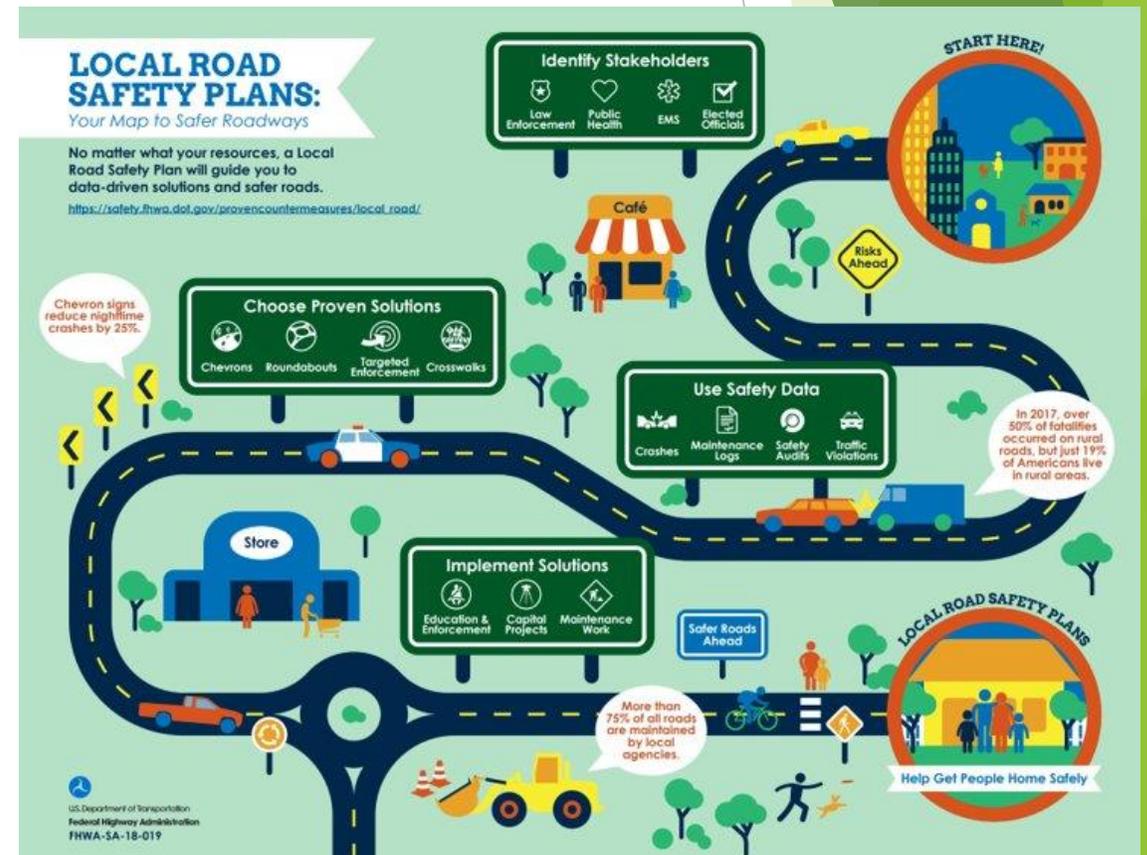
- Tahoe Donner Trail (\$750,000 in Design)

# Local Road Safety Plan

## Vision:

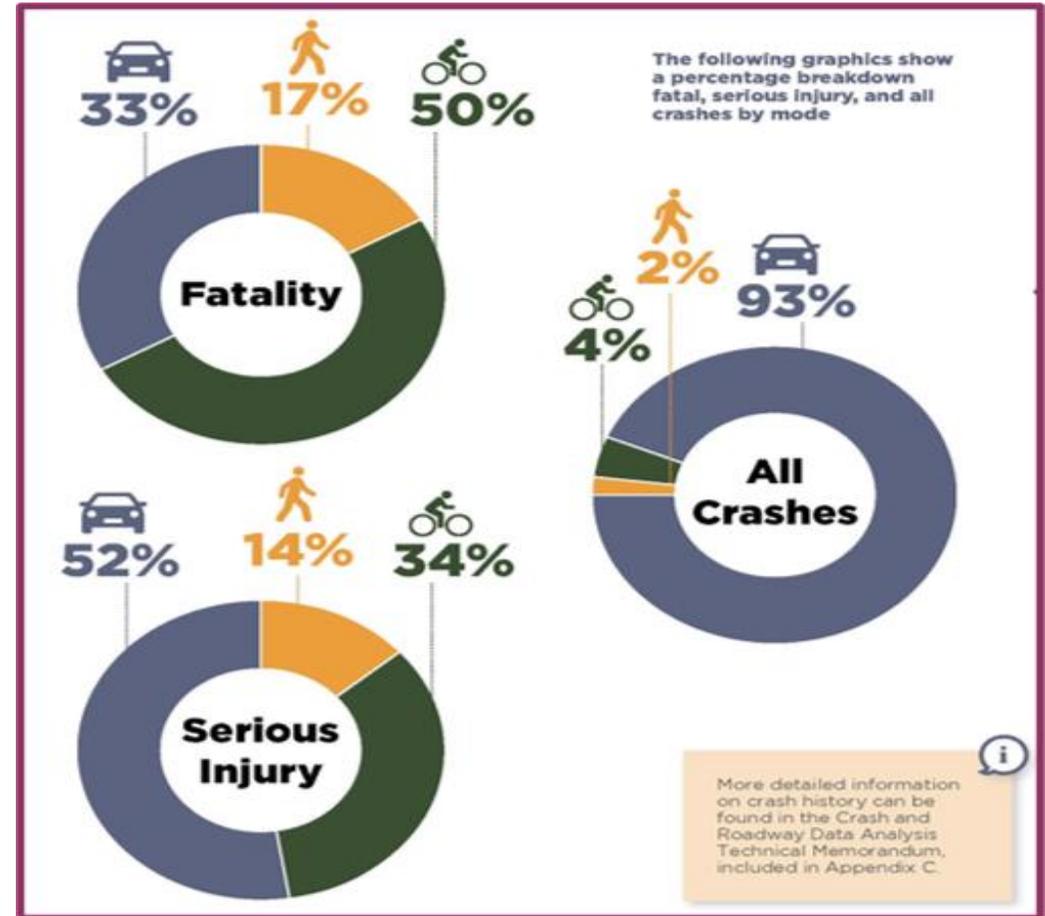
**The Town of Truckee will improve the safety of all road users of all modes of transportation within the Town with a goal of eliminating all roadways fatalities and serious injuries by 2050.**

- ▶ Adopted June 2022
  - ▶ Public Input and Stakeholder Outreach
    - ▶ Speeding
    - ▶ Lack & inadequacy of bike facilities
    - ▶ Maintenance issues
    - ▶ Poor quality of infrastructure
    - ▶ Poor driver behavior
- ▶ Amended August 2022 to become a Vision Zero Plan



# Local Road Safety Plan Goals

1. Maintain an accurate collision database and routinely evaluate roadway safety
2. Educate motorists, bicyclists, and pedestrians on how to travel safely and limit the potential for collisions.
3. Implement projects that make streets safer for every person.
4. Integrate equity into the safety decision-making process.



# Local Road Safety Plan In Action - Recent Projects

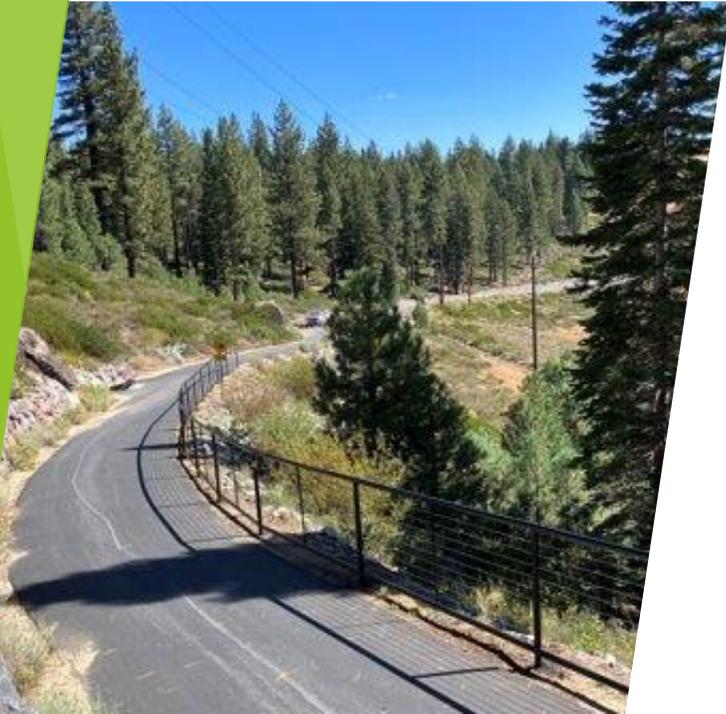


- ▶ Trail and Bicycle Projects
  - ▶ 15 mph paved trail speed limit
  - ▶ Buffered Bike Lanes
  - ▶ Legacy Trail Stencils
  - ▶ Centerline Striping
  - ▶ Trail Repaving

## Local Road Safety Plan in Action - Recent Projects

### ▶ Trout Creek Trail Railing Replacement

- 4,800 feet of pipe
- 680 feet of 1" flat stock
- 19,000 feet of cabling



# Local Road Safety Plan In Action - Recent Projects

- ▶ Roadway Projects
  - ▶ Roundabouts
    - ▶ Donner Pass Road/Coldstream Road
    - ▶ Glenshire Drive/Church Street
  - ▶ Radar Speed Feedback Signs
  - ▶ Traffic Signal Backplates





# Future or In Progress Projects

- ▶ Trails
  - ▶ More trail paving
  - ▶ More trail vegetation maintenance
- ▶ Roadways
  - ▶ West River Streetscape
  - ▶ Donner Pass Road/Bridge and West River Street/Bridge Traffic Signals
  - ▶ Jibboom Street Pedestrian and Bicycle Feasibility



DONNER PASS ROAD LOOKING SOUTH



# On the Horizon..

- ▶ SR 267/Brockway Road/Soaring Way Roundabout
- ▶ Northwoods Blvd/Donner Pass Road Roundabout- 2026 or later.
- ▶ Envision Donner Pass Road (Phase 2) - construction unfunded
- ▶ Mobility Hub Phase 2
- ▶ Legacy Trail Phase 4B
- ▶ Joerger Drive - Riverview Sports Park Trail Connector
- ▶ Mogule Lane / Trout Creek Trail Connector



# Active Transportation Plan Update - 2024

## 2040 General Plan Action Item

### MM-2.A: Trails and Bikeways Master Plan Update

- ▶ Update the Trails and Bikeways Master Plan to continue to expand the town's interconnected system of bikeways, trails, and sidewalks. The update shall:
  - ▶ identify locations for future trails and sidewalks, including potential future pedestrian facilities along the west end of Donner Lake;
  - ▶ determine which roadways are suitable for implementing reduced vehicle lane width, traffic calming measures, or expanded bike capacity to more safely accommodate pedestrians and bicyclists with the goal of eliminating traffic fatalities and severe injuries; and
  - ▶ meet the most current state and federal requirements for active transportation plans.

