

# Tolowa Dee-ni' Connected Communities Plan

COMMUNITY WORKSHOP

AUGUST 9, 2022



# AGENDA

1. Welcome & Introductions
2. Plan Objectives
3. Overview of Existing Conditions
4. Design Examples
5. Project Website
6. Open Discussion



# PROJECT PURPOSE & PROJECT STATUS

The Connected Communities Plan will provide a framework for a balanced, accessible, and multi-modal transportation network through the heart of the Tolowa Dee-ni' Nation.

Project  
Initiation & Data  
Collection  
*(Spring 2022)*

Existing  
Conditions &  
Public Engagement  
*(Summer 2022)*

Prioritization &  
Concept  
Development  
*(Fall 2022)*

Implementation  
& Funding Plan  
*(Fall/Winter 2022)*

Draft & Final  
Plans  
*(Winter 2022)*

**We are here!**



# PLAN GOALS

- Improve walking/biking facilities & connectivity
- Provide safe & accessible facilities
- Develop a community educational campaign
- Promote the health benefits of active transportation





# PLAN ELEMENTS

- Evaluate Existing Conditions
  - Infrastructure
  - Travel Behavior
  - Maps
- Community Engagement
- Bicycle & Pedestrian Assessment
- Community Education Program
- Funding and Implementation Plan



# PROJECT WEBSITE

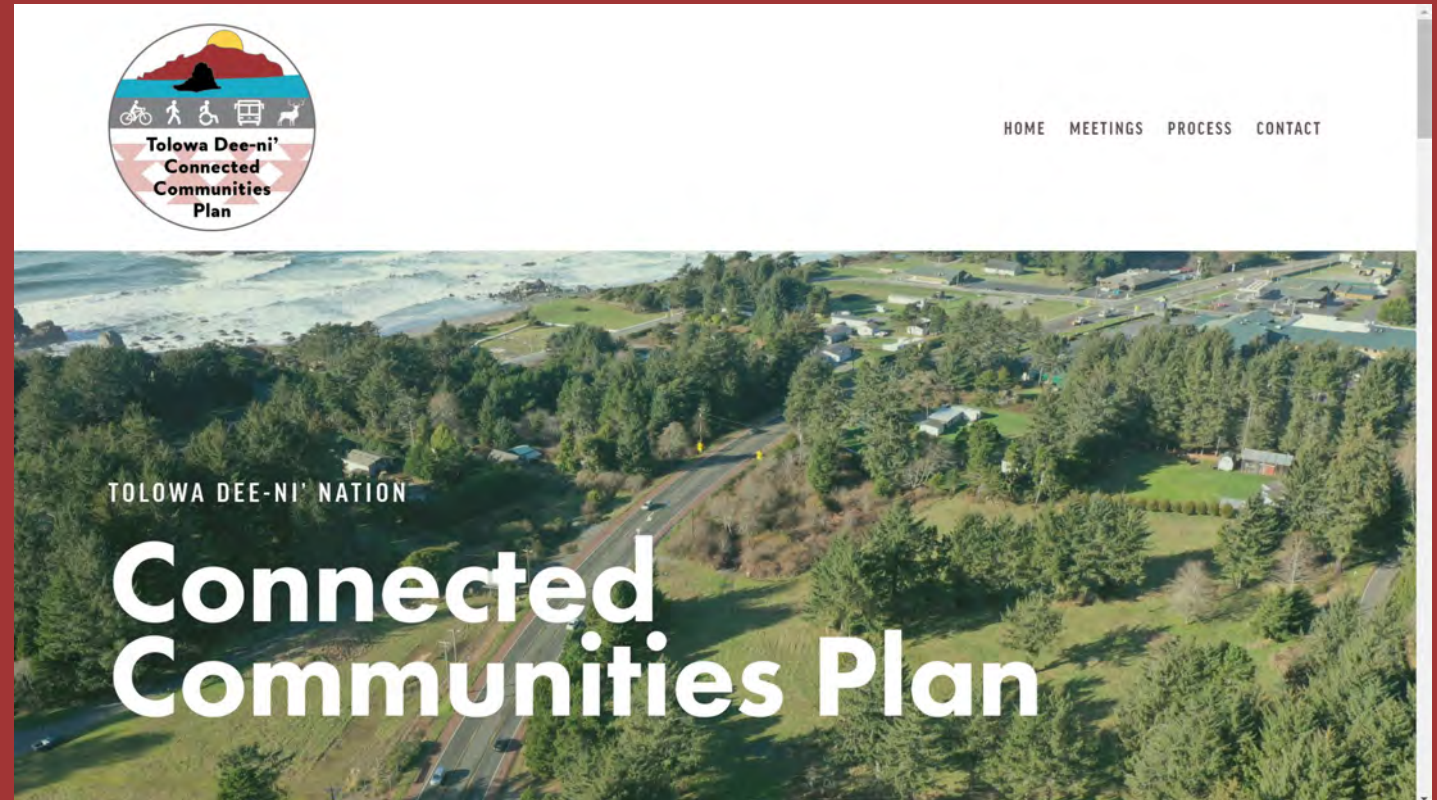
- Community meetings
- Project updates
- Feedback form
- Community survey

## Take the Survey!

The survey will be used to assess current community travel behavior, gain demographic information, and gather project input.

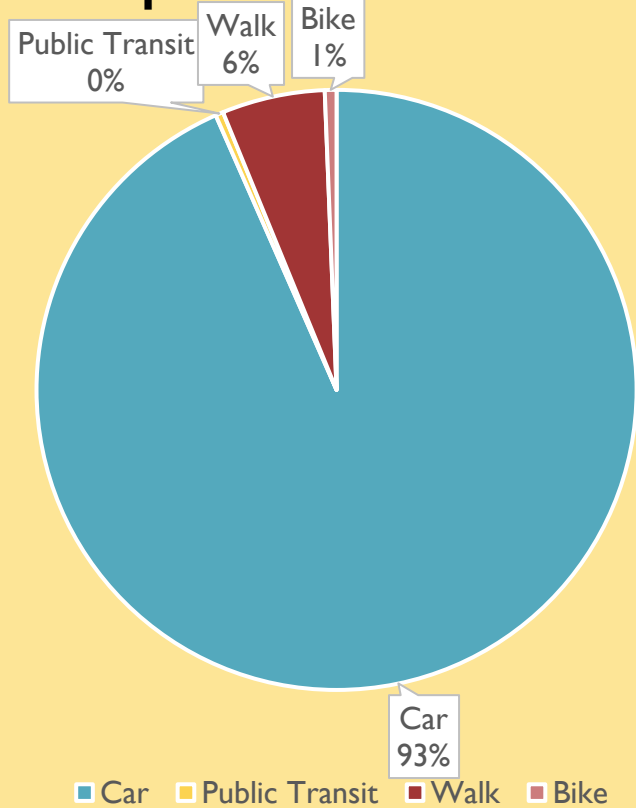
[CONNECTED COMMUNITIES PLAN SURVEY](#)

Paper copies of the survey are also available at the Front Desk of the Main Tribal Office, 12801 Mouth of Smith River Rd.

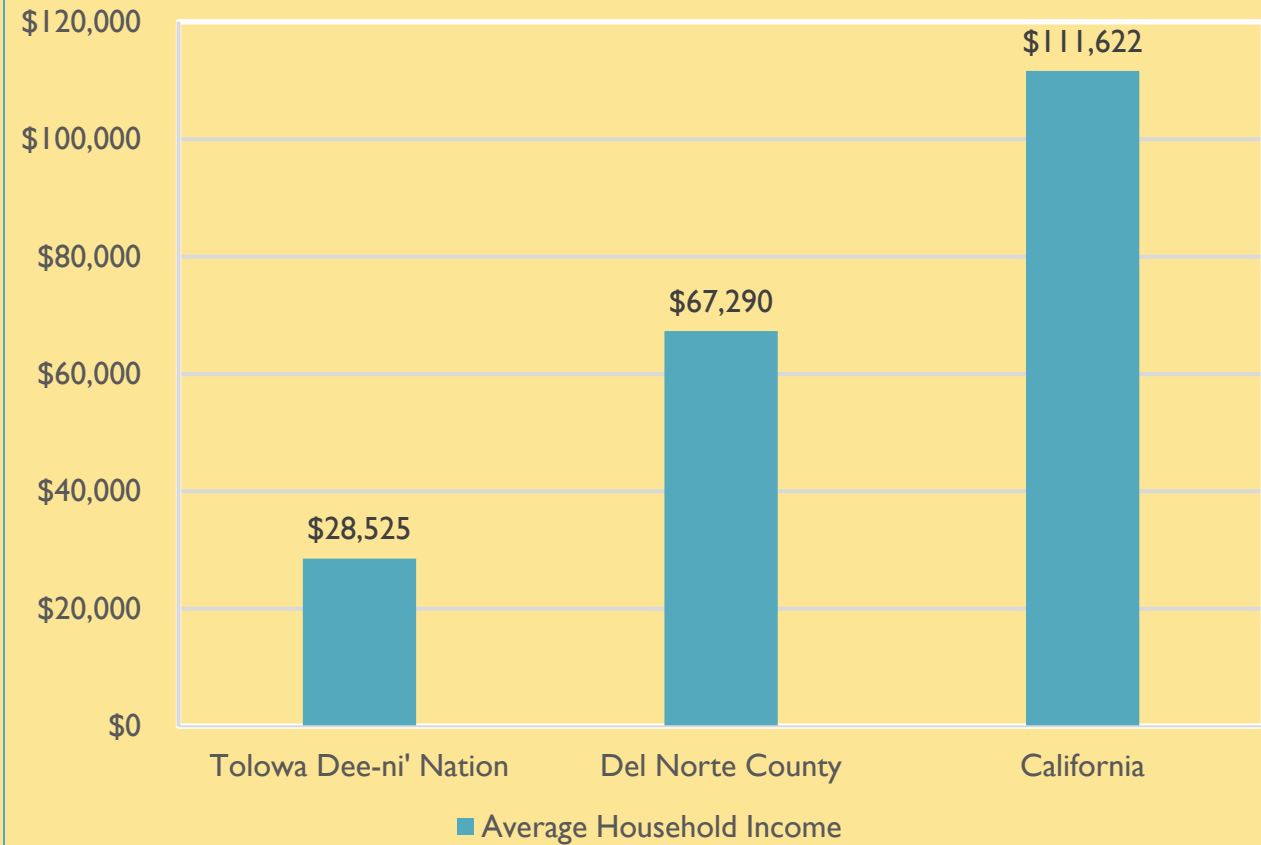


# DEMOGRAPHICS

## Del Norte County Modes of Transportation



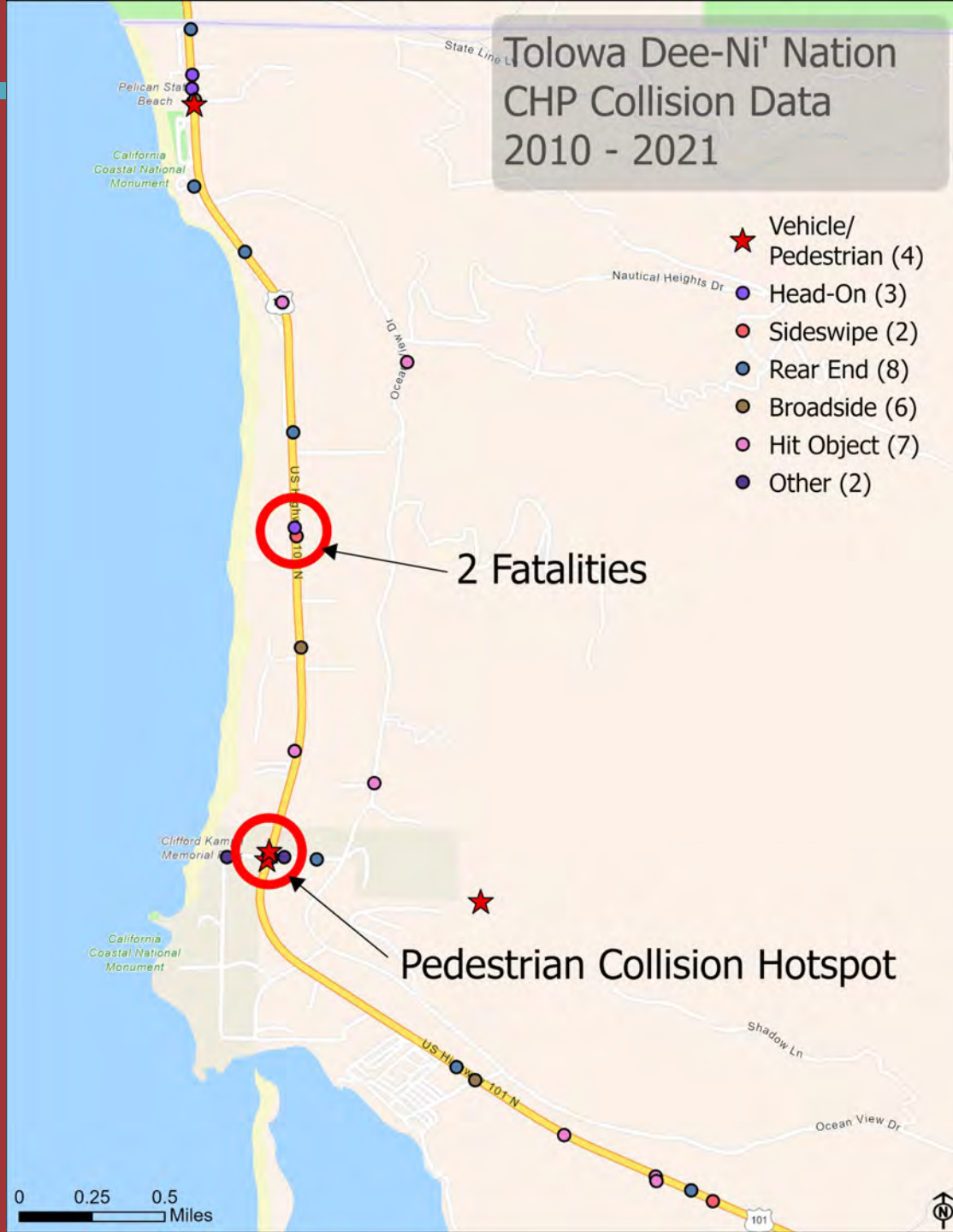
## Average Household Income





# COLLISION DATA

# 2010 - 2021



Data Source: *CHP/SWITRS*





# EXISTING CONDITIONS



- High vehicular speeds
- Sidewalk merge from U.S. 101
- Lack of pedestrian focused design

# EXISTING CONDITIONS



- High vehicular speeds
- Sidewalk merge from U.S. 101



# EXISTING CONDITIONS



- No designated bicycle lane
- Lack of buffer



# EXISTING CONDITIONS



- Incomplete Sidewalk
- Lack of pedestrian safety

# EXISTING CONDITIONS



- Unsafe, high speeds
- Limited visibility of pedestrian



# EXISTING CONDITIONS



- Low Visibility/Awareness of Entering Community





Photo Credit: [www.pedbikeimages.com](http://www.pedbikeimages.com) / Laura Sandt

## MULTI-USER DESIGN

Safe & accessible street improvements & designs for all transportation types.  
*Examples include:*

- Clear path markings
- Improving or creating sidewalks
- Safe crosswalk signage
- Signage for pedestrians & bicyclists
- Improved lighting



Photo Credit: [www.pedbikeimages.com](http://www.pedbikeimages.com) / Dan Burden



Photo Credit: [www.pedbikeimages.com](http://www.pedbikeimages.com) / Carl Sundstrom

# COMPLETE STREETS DESIGN – EXAMPLE #1

## Live Oak, California (2021)

- New Continuous sidewalks
- Created a pedestrian-focused environment by
- Enhanced parking and building access
- Improved crosswalks, curbs, gutters, sidewalks and driveways
- American with Disabilities Act (ADA) standards

Before



After





# COMPLETE STREETS DESIGN – EXAMPLE #2

## Modesto, California (2015)

- Two-way cycle track which is separated by concrete curbs
- Buffered cycle track connectivity to multiple locations
- Wayfinding and signage for pedestrians and bicyclists

Before



After





## COMPLETE STREETS DESIGN – EXAMPLE #3

### Kings Beach, CA (2016)

- New Continuous sidewalks
- Improved crosswalks, curbs, gutters, sidewalks and driveways
- Created a pedestrian-focused downtown environment by enhancing parking, way-finding signage, landscaping, and facilities for bicyclists and pedestrians

Before



After



# COMPLETE STREETS DESIGN – EXAMPLE #4

## Truckee, CA (2021)

- Improved crosswalks, curbs, gutters, sidewalks and driveways
- Enhancing parking
- way-finding signage
- Center median provides buffer for pedestrians to safely cross

Before



After





# COMPLETE STREETS DESIGN – EXAMPLE #5

## Grants Pass, Oregon

- New Continuous sidewalks
- Enhanced parking and building access
- Center median landscaping
- Facilities for bicyclists and pedestrians

Before



After



# COMPLETE STREETS DESIGN – EXAMPLE #6

## Vineyard Drive, California

- New Roundabout
- Center median traffic calming
- Enhanced Signage
- New Sidewalks

Before



After



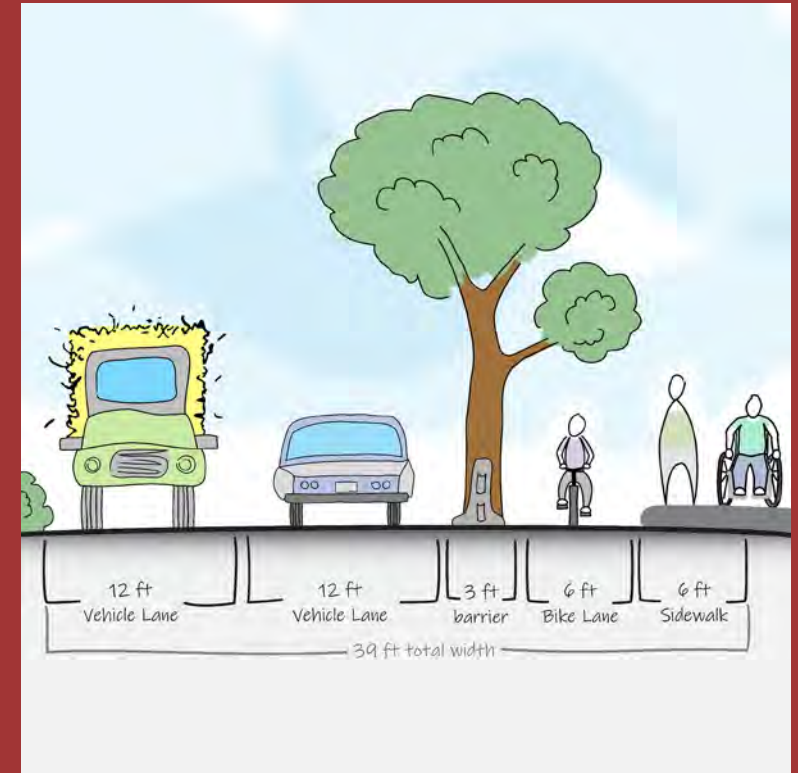
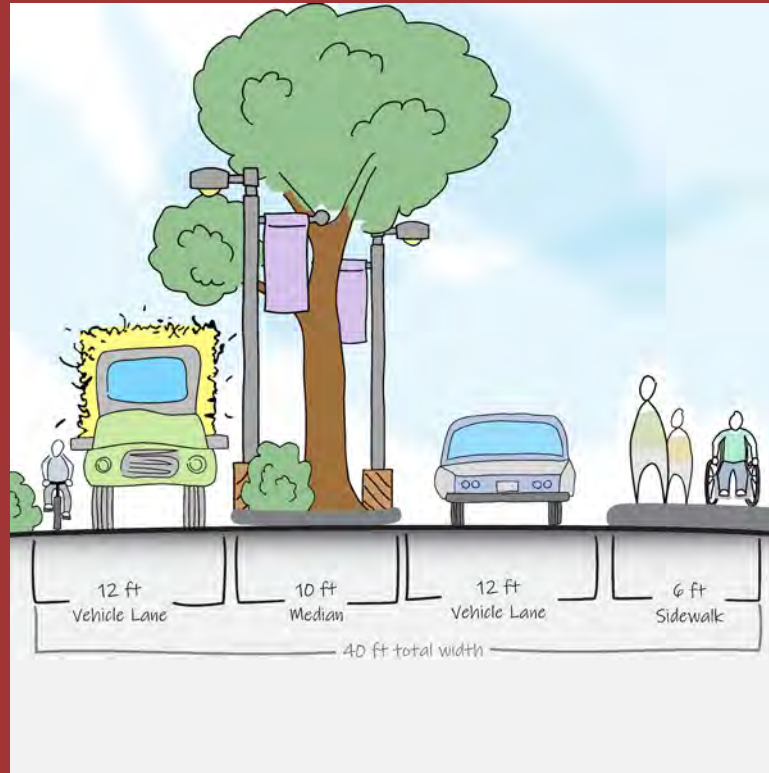
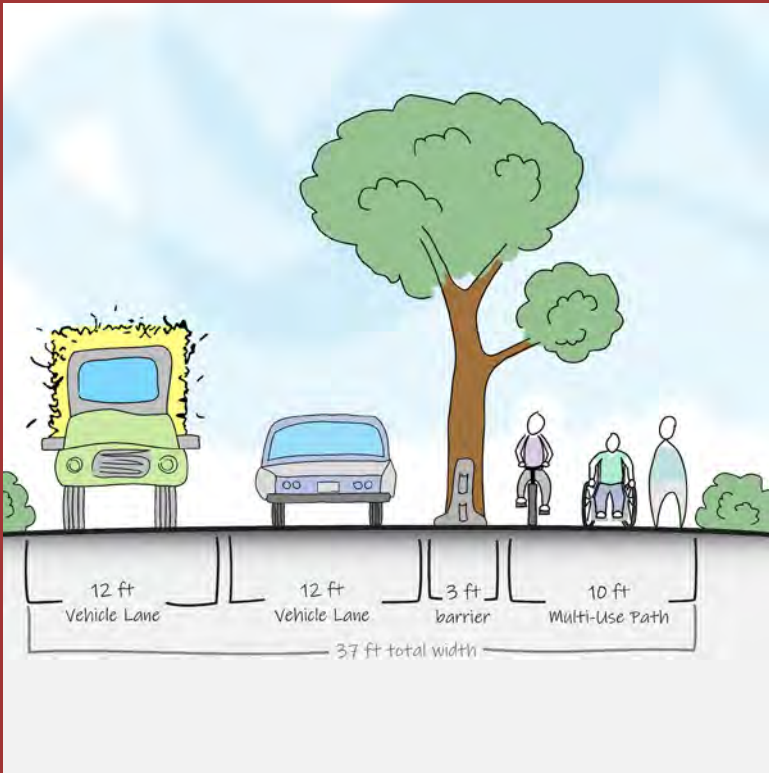




# POSSIBILITIES



# POSSIBILITIES





# POSSIBILITIES



Before



After



# POSSIBILITIES



Before



After



# POSSIBILITIES



Before



After



# POSSIBILITIES



Before



After



# H.A.W.K. (High Intensity Actuated Cross Walk) Pedestrian Signal



## KEY BENEFITS

- Improved safety for bicycles and pedestrians
- Low cost to implement
- High driver compliance (over 95%, NAACTO)

## KEY CONSIDERATIONS

- Requires warrants (MUTCD)
- Requires signal maintenance and operating costs





## Modern Roundabout



### KEY BENEFITS

- Increased safety for all users (bikes, peds, vehicles)
- Improved operations
- Improved community gateway / aesthetics

### KEY CONSIDERATIONS

- Increased construction costs due to footprint & right of way
- Additional environmental clearance and permitting



GREEN DOT  
transportation solutions



USERNAME: jbrn Date PLOTTED: 8/8/2022 12:33:51 PM TIME PLOTTED: 12:33:51 PM





## Signalized Intersection (with Pedestrian Refuges)



### KEY BENEFITS

- High driver compliance
- Improved operations on side roads
- Refuges reduce pedestrian anxiety

### KEY CONSIDERATIONS

- Ongoing operation and maintenance costs
- Requires MUTCD warrant analysis
- Environmental clearance and permitting



USERNAME: Kevin.Bellum DATE PLOTTED: 8/6/2022 3:17:05 PM TIME PLOTTED: 3:17:05 PM



# WHAT'S NEXT?



Finish planning project

Design the project components (Multi-use and Intersections)

Secure funding

Construct the project



# OPEN DISCUSSION

- Local Observations
- Areas of Concern
- Potential Improvements
- Hazards



# COMMENTS? QUESTIONS?

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# WHERE DO YOU TRAVEL IN TOLOWA DEE-NI'?

PLACE STICKERS HERE FOR AREAS NORTH

Origins and/or destinations North of Smith River Rancheria

## HOW TO USE THIS MAP

### Origins

Place an **ORANGE** sticker on the location that you most frequently leave from.

### Destinations

Place a **GREEN** sticker on the location that you most frequently go to.

Please sticker your two most common origins and destinations. Feel free to write comments in the margins or directly on the map.



PLACE STICKERS HERE FOR AREAS SOUTH

Origins and/or destinations South of Smith River

PLACE STICKERS HERE FOR GRANTS PASS, OREGON

Place two most common Origins and Destinations using appropriate colored stickers

If origin and/or destination is in Grants Pass, OR, place appropriate colored stickers

# ACTIVITY INSTRUCTIONS

## Origin / Destination



# ACTIVITY INSTRUCTIONS

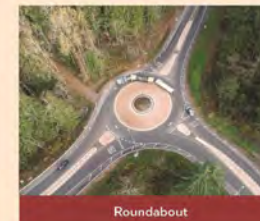
## Potential Improvements for the Nation

### Current Conditions



### Future Possibilities

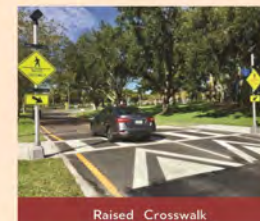
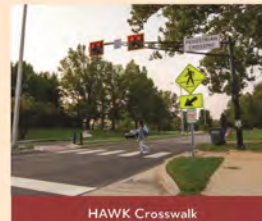
#### Safe Crossings



#### Signage

#### Lighting

#### Traffic Calming



Place appropriate colored stickers on improvements you would like to see!



Tolowa Dee-ni' Nation  
Connected Communities Plan



Community Input / Notes:

