



VT State Highway On-Road Bicycle Facilities Plan

Public Meeting

Today's Agenda

- Welcome and Introductions
- Logistics of Tonight's Meeting
 - Check in with sites
- Formal Presentations
 - Kevin Marshia (VTrans Deputy Chief Engineer)
 - Erica Wygonik (RSG Consultant Team Project Manager)
- Receive Public Comments
- 3:55 P.M. Wrap Up

Outline

Thank you so much for joining us today, whether in person or over the internet. We are excited to share with you about this project and hear your ideas.

- Welcome and Introductions
- Goal Statement
- Phase I project overview & schedule
- Project Plan
- Public Involvement
- Next Steps

Steering Committee

This project relies on input from a diverse group of stakeholders. To ensure we are planning around the needs of ALL cyclists, our steering committee represents many interests.

EXTERNAL

- Rutland Regional Planning Commission
- Northeastern Vermont Development Association
- Tourism & Marketing
- Agency of Commerce & Community Development
- Vermont Bicycle and Pedestrian Coalition
- VBT Bicycling & Walking Vacations
- Green Mountain Bicycle Club
- American Council of Engineering Consultants

VTrans

- Planning & Policy
- Bicycle and Pedestrian
- Operations & Maintenance
- Paving & Roadway
- Asset Management

Goal Statement

Overall Project Goal: Develop a comprehensive improvement plan that identifies opportunities to enhance bicycle accommodations on the highest-ranked bicycle corridors on the State highway system. This comprehensive plan is being developed in three phases.

- Phase I (current phase): Through a combination of stakeholder outreach and quantitative analysis, develop a robust road segment categorization scheme that classifies the state highway system into three or four bicycle route tiers based on their location, connectivity, and desirability.
- Phase II: Identify critical infrastructure deficiencies and gaps in the top-tier bicycle corridors.
- Phase III: Identify specific improvements (e.g., signage, striping, widening, etc.) to address the identified gaps in the top-tier bicycle corridors.

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- Phase III: Identify specific improvements (e.g., signage, striping, widening, etc.) to address the identified gaps in the top-tier bicycle corridors.

Project Purpose

THREE KEY COMPONENTS

- This project helps prioritize investment decisions
- By identifying important state roadways for bicycling
- Public input is a big part of how these are chosen

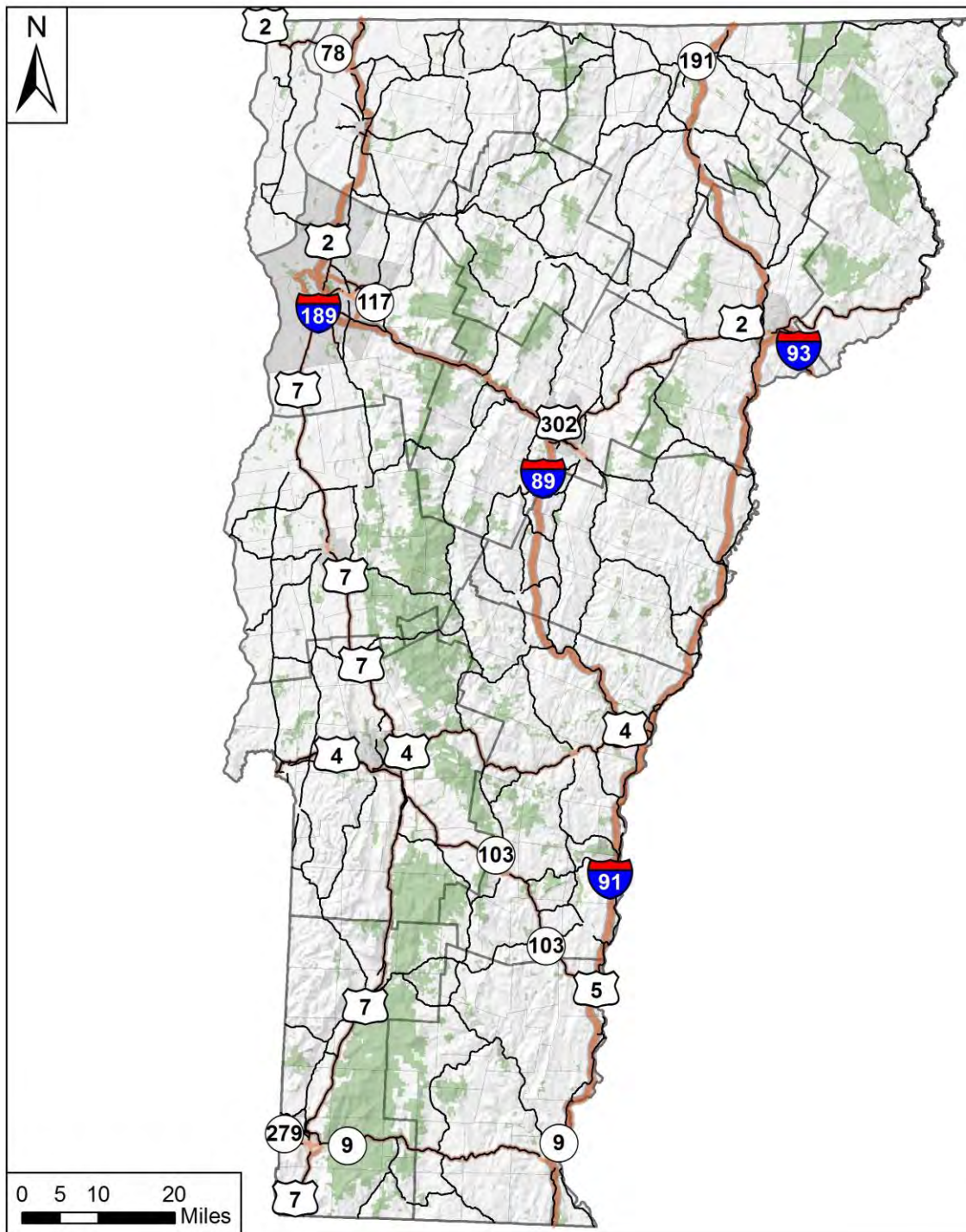
How will we prioritize the roadways?

- Identify where people want to ride & do ride
 - Consider destinations relative to typical trip lengths
 - Public input
 - Strava data
- Identify places people feel comfortable riding
 - Evaluate infrastructure with Bicycle Level of Service
 - Public input
 - Strava data
- Combine this information

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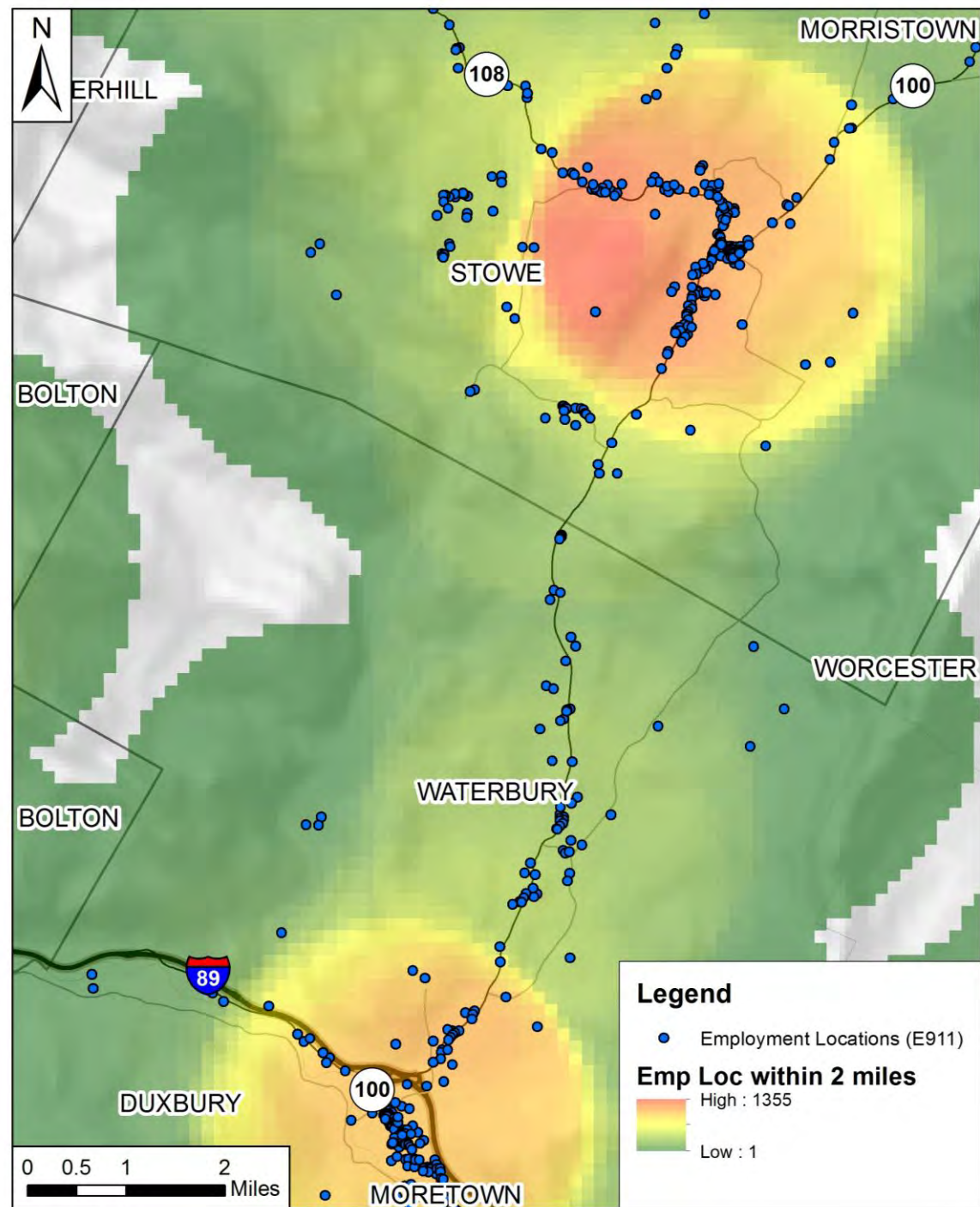
State Roads



Where do Vermonters want to ride?

Consider destinations
within typical trip length

VT 100

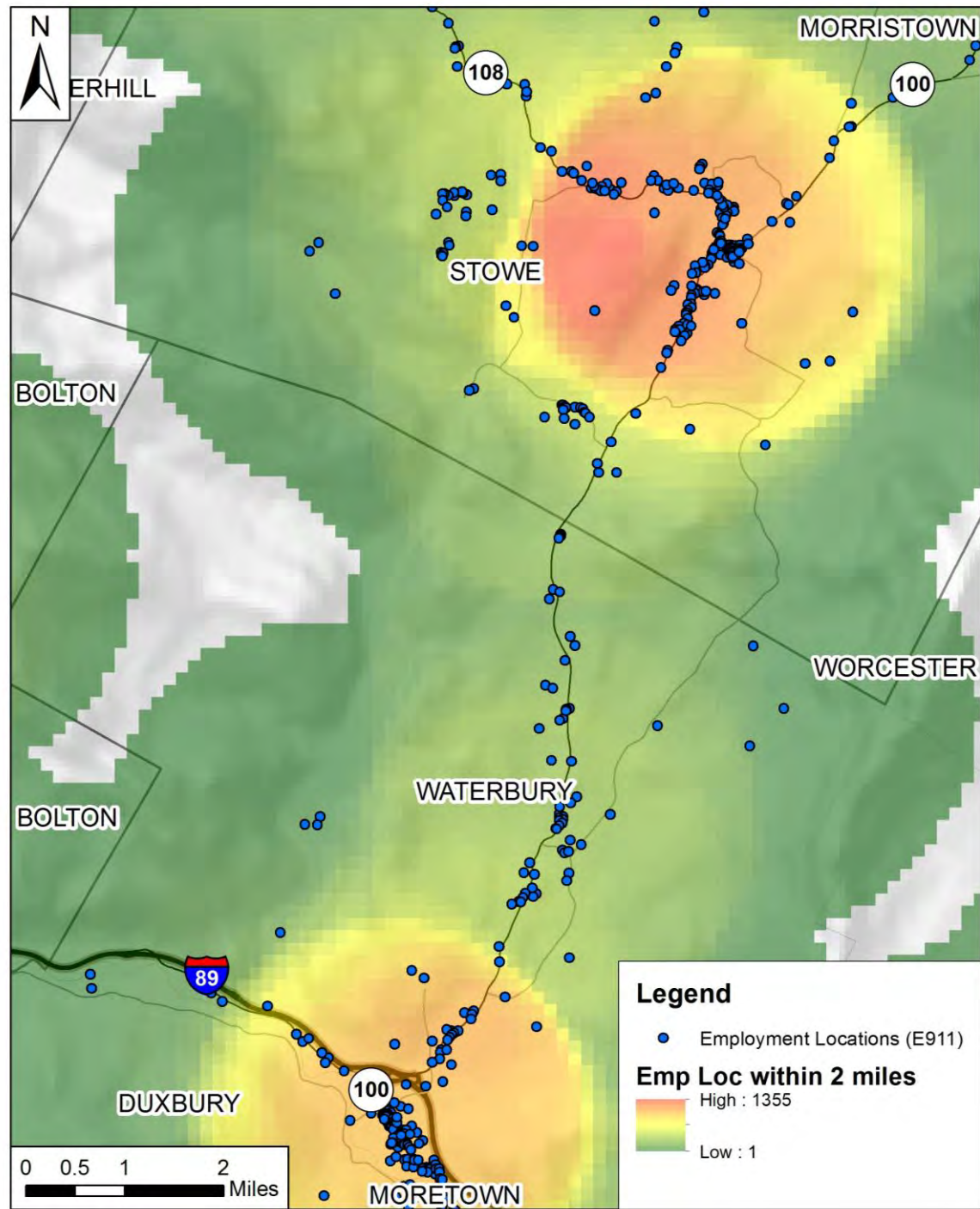


Where do Vermonters want to ride?

Consider destinations within typical trip length

DESTINATION TYPES

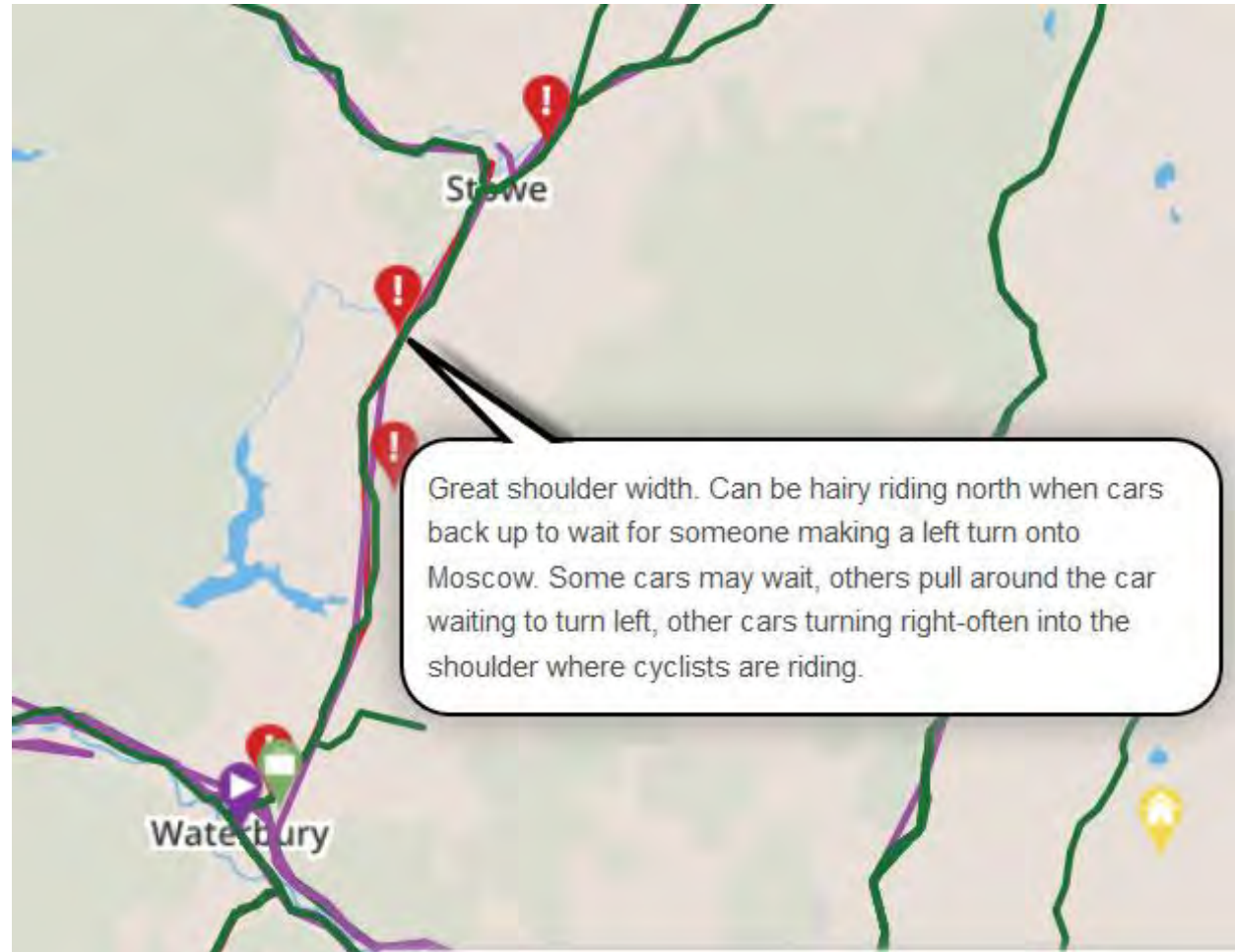
- Homes
- Employment
- Shopping
- Schools
- Transit
- Libraries
- Trails



Where do Vermonters want to ride?

Public input

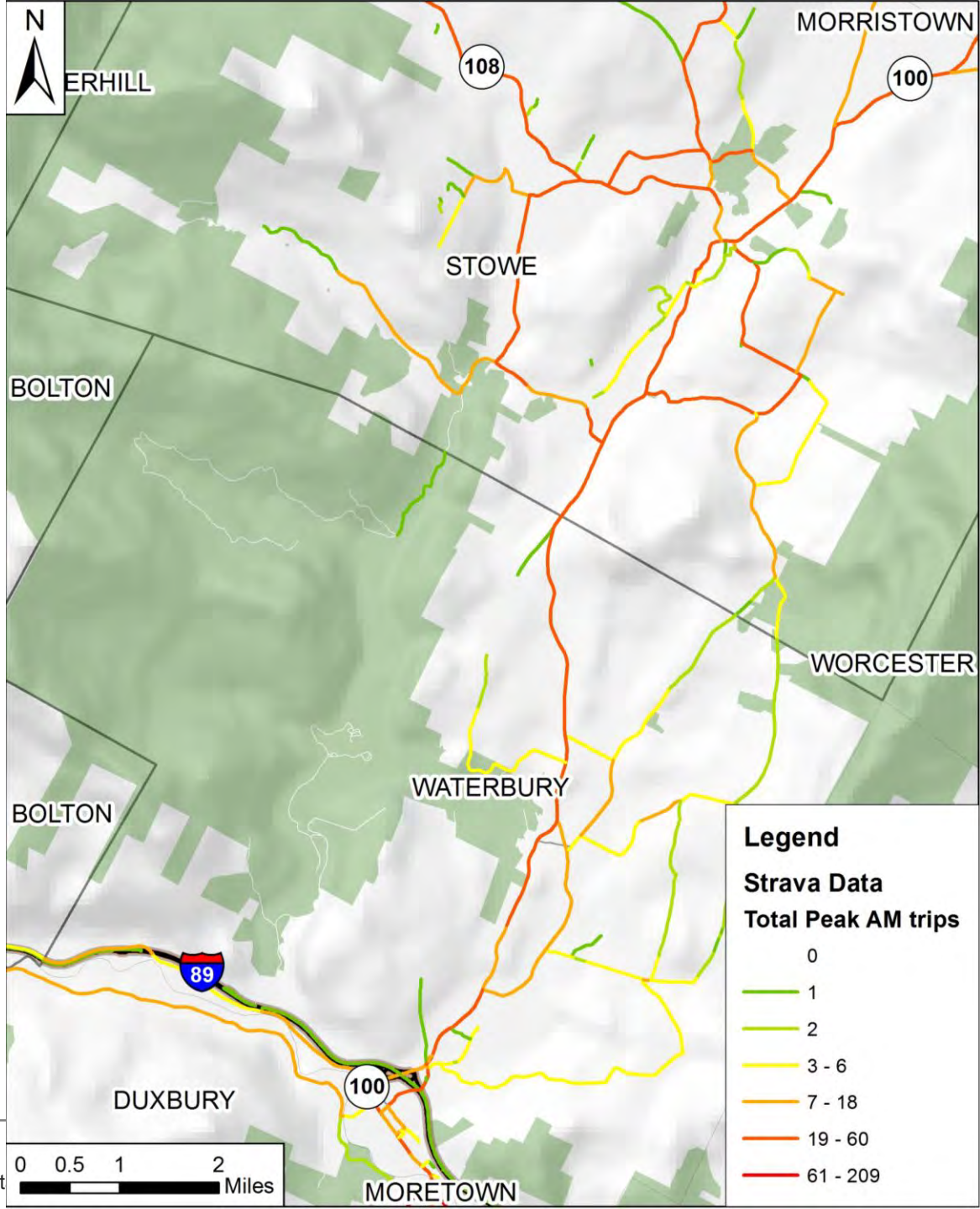
VT 100



Where do Vermonters want to ride?

Strava data

VT 100



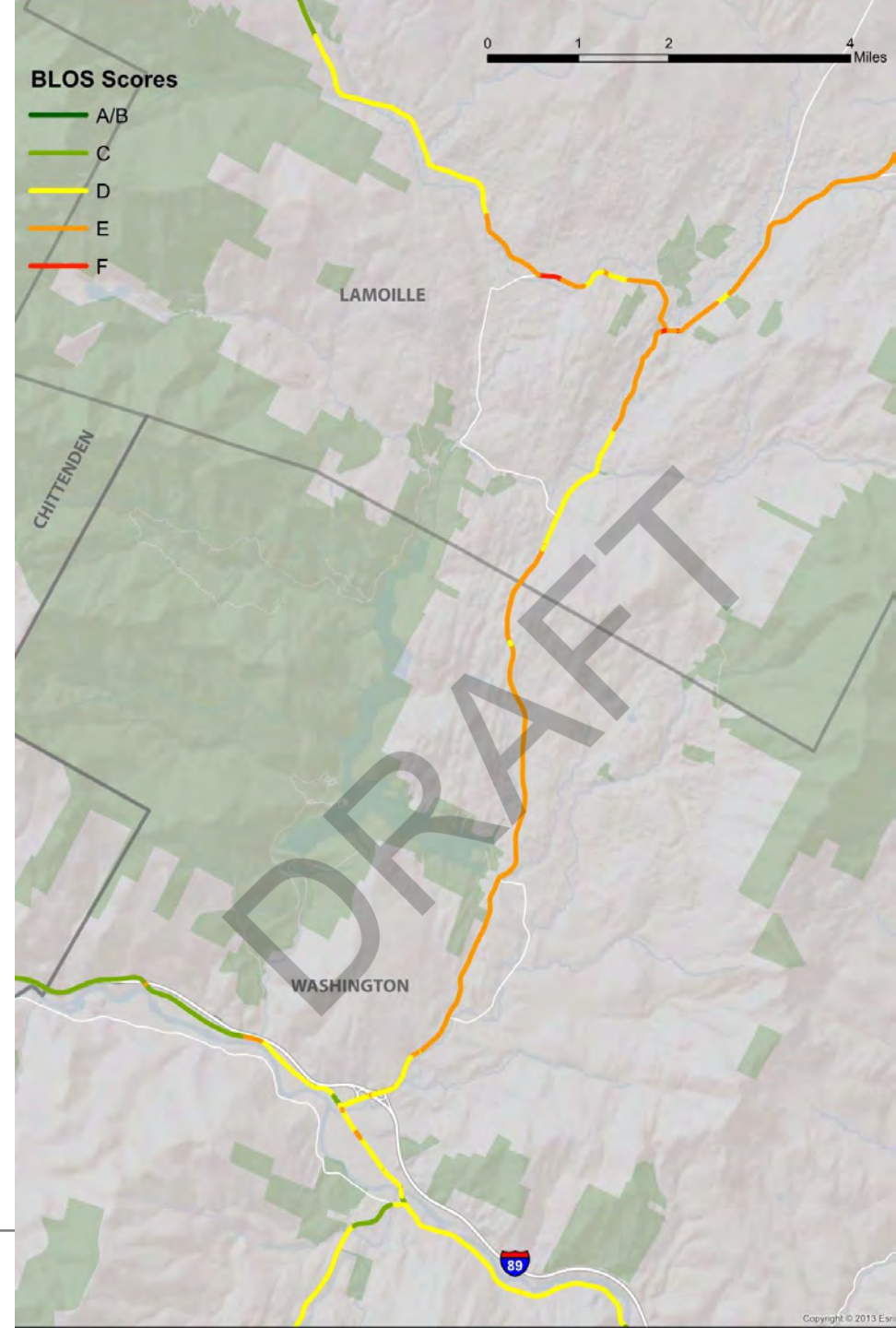
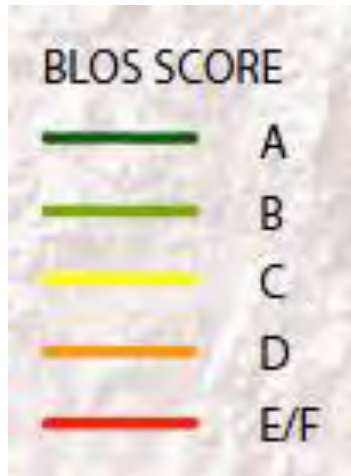
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Where would Vermonters be comfortable riding?

Bicycle Level of Service

VT 100

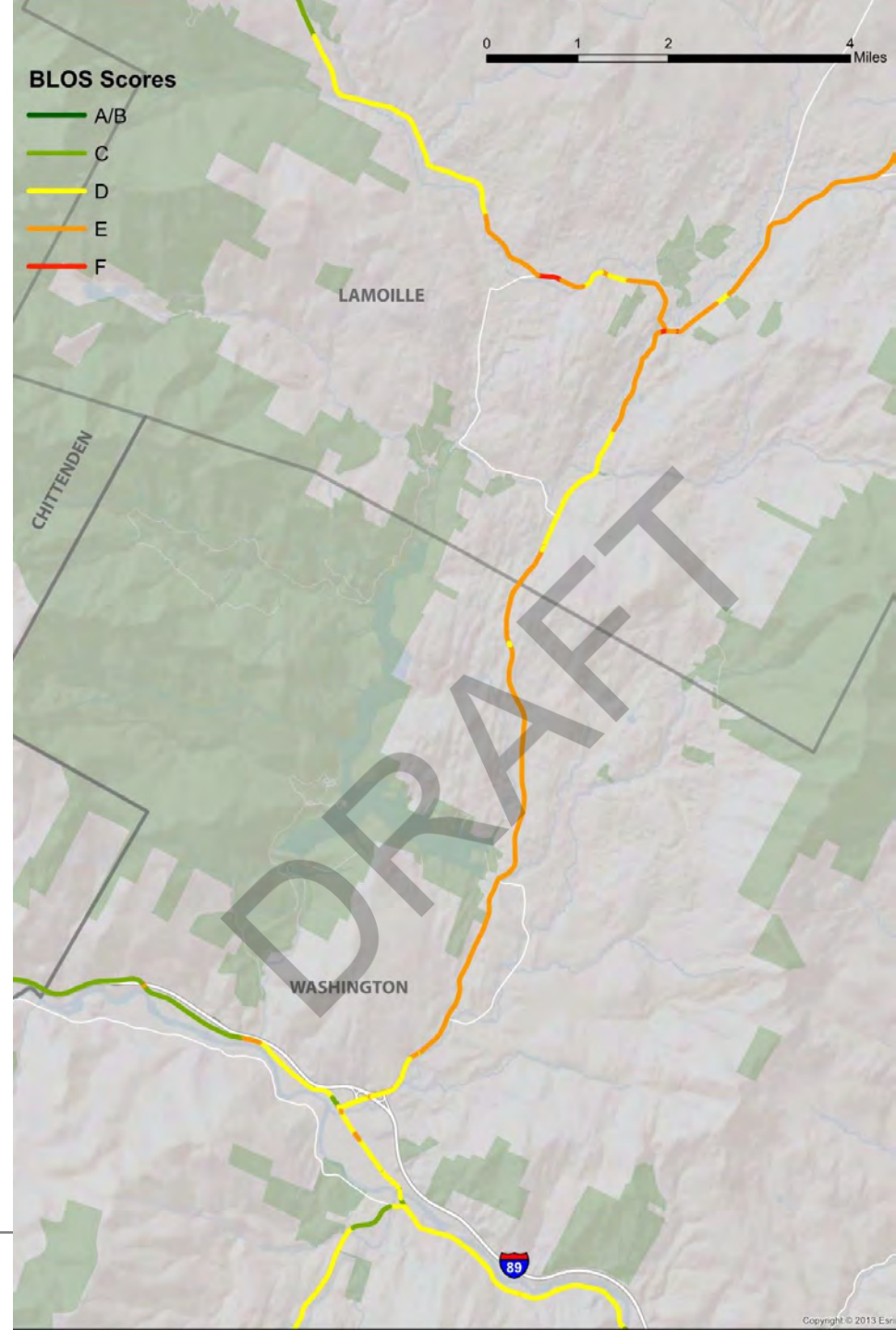


Where would Vermonters be comfortable riding?

Bicycle Level of Service

FACTORS

- Lane width
- Shoulder width
- Vehicle volume
- Percent trucks
- Speed
- Pavement condition



How will we prioritize the roadways?

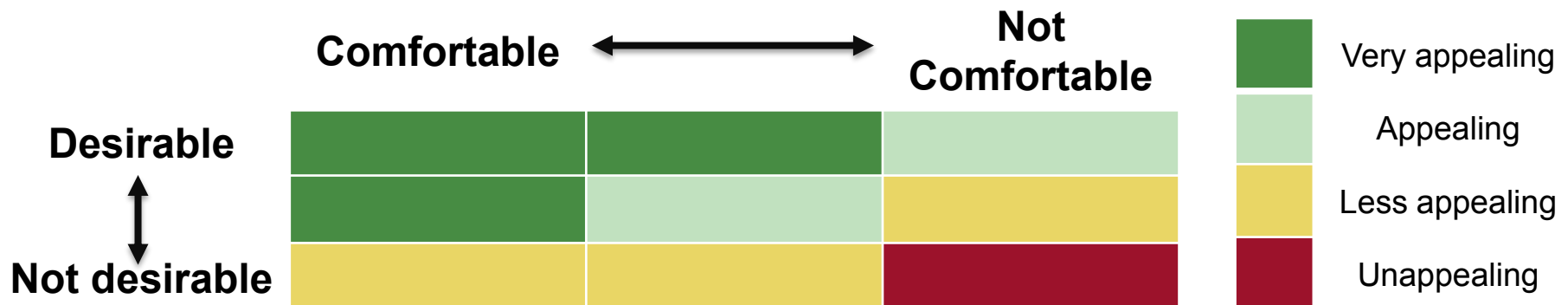
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Combining the information to prioritize roads

The project will focus on the desirability of state roads and adjust those results based on suitability.

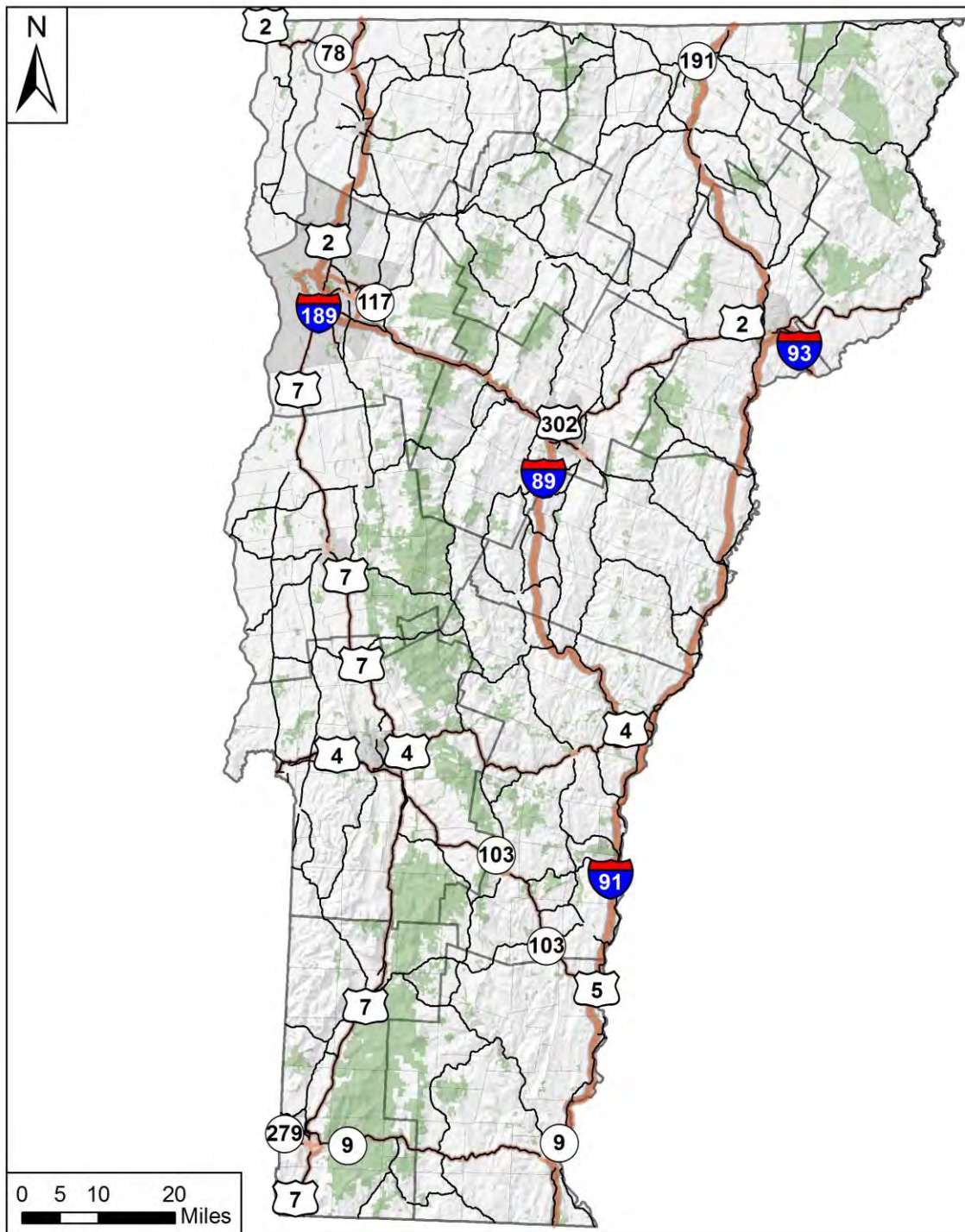
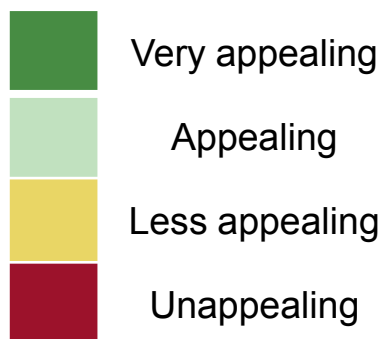
OVERVIEW

- Identify desirable roads
 - These are roads with strong demand
- Adjust based on suitability
 - Directs limited resources to desirable places requiring minimal intervention first


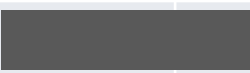



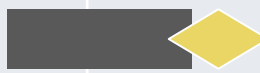








State Roads

All will be categorized










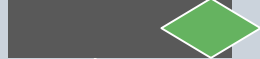


Phase 1 Project Schedule



Title	Aug- Sept	Oct- Nov	Dec- Jan	Feb- March	April- May
Project Kickoff					
Preliminary Assessment					
Public Outreach					
Categorization Framework					
2 nd Public Outreach					
Final Documentation					

 Steering Committee Meeting
 Public Meeting











Phase 1 Project Schedule



We are here

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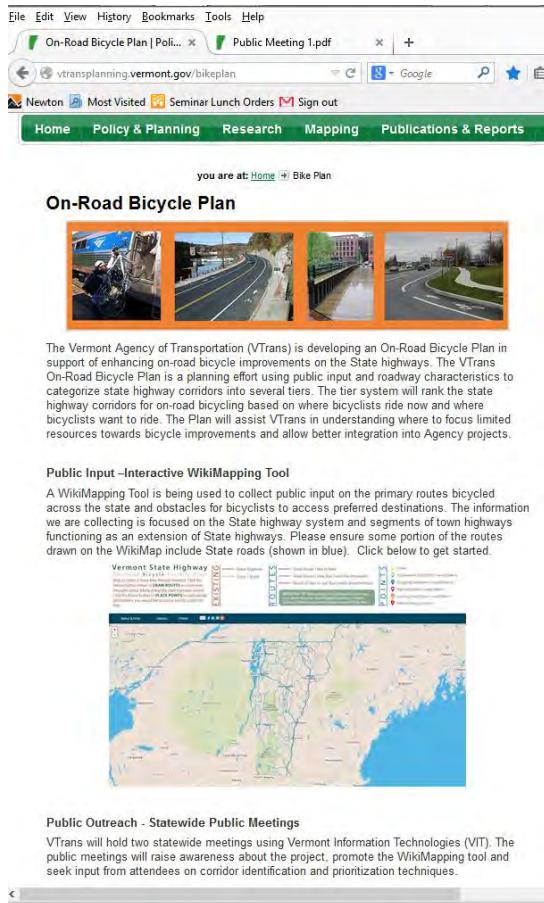
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 Steering Committee Meeting
 Public Meeting

2nd Public Meeting:
April 30, 2015

Project website & email address



- Project website
 - Main portal for communicating and storing information to share with the public
 - Direct access to project map
 - <http://vtransplanning.vermont.gov/bikeplan>
- Project email:
 - Vermontbike@gmail.com
- 2nd Public Meeting:
 - [April 30, 2015 6:00-8:00 pm](#)

Map

Vermont State Highway

On-Road Bicycle Facility Plan

Help us create a more bike-friendly Vermont. Click the Routes button below to **DRAW ROUTES** to share your thoughts about bicycling along the state highway system. Click the Points button to **PLACE POINTS** to indicate key destinations you would like to access via the system by bicycle.

ROUTES

- State roadway I like to bike
- State roadway I bike, but could be improved
- State roadway I'd like to use, but needs improvement

IMPORTANT: We are collecting information focused on the State highway system and segments of town highways. Please ensure some portion of the routes you draw include blue State roads. If any portion of a route you do or would bicycle includes blue road, please include the entire route.

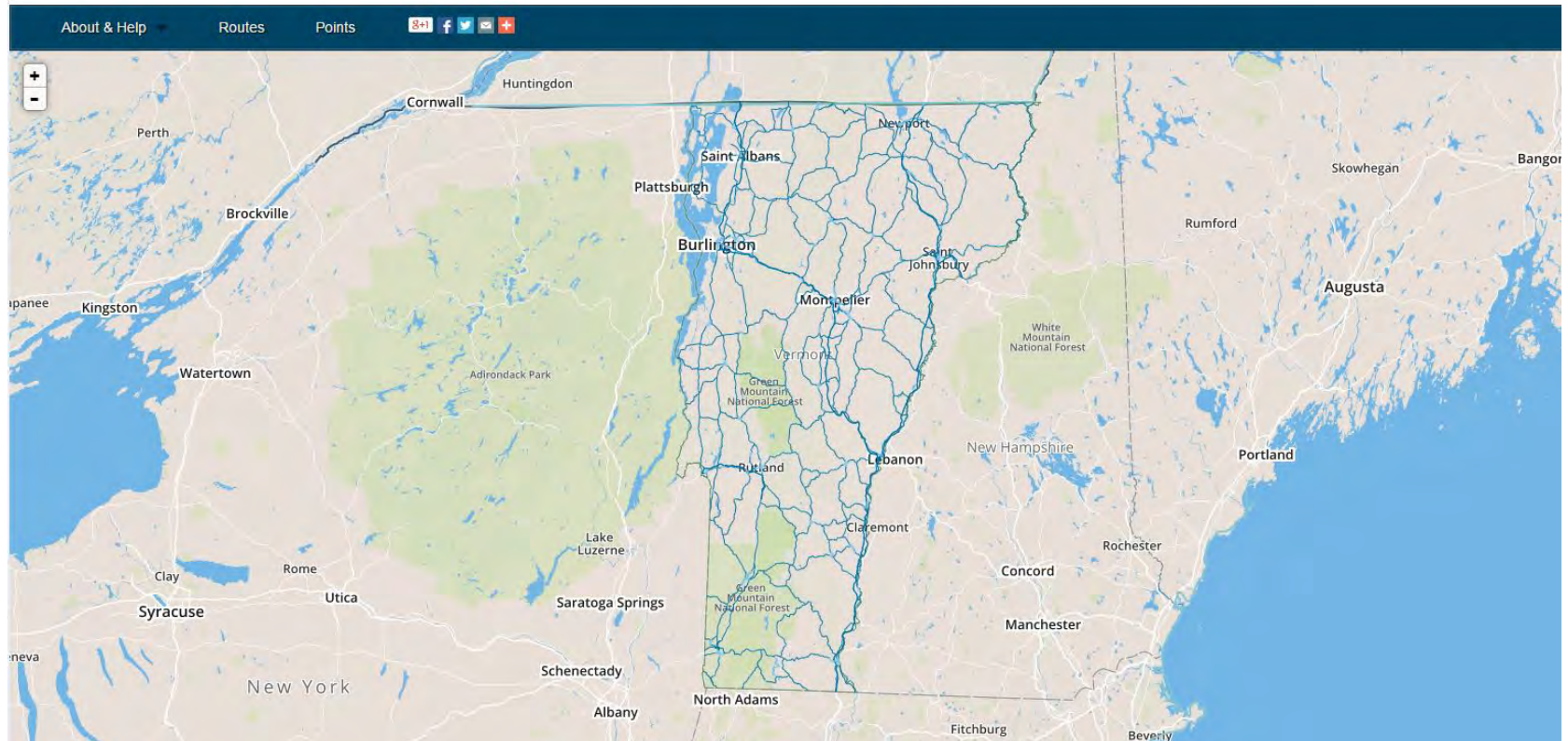
POINTS

- Home
- Employment Destination I would/do bicycle to
- Shopping Destination I would/do bicycle to
- Play Destination I would/do bicycle to
- Learning Destination I would/do bicycle to
- Difficult Bicycling Location

EXISTING

State Roads

When zooming in very close the blue road lines will disappear. This is a normal function of the map.



Map

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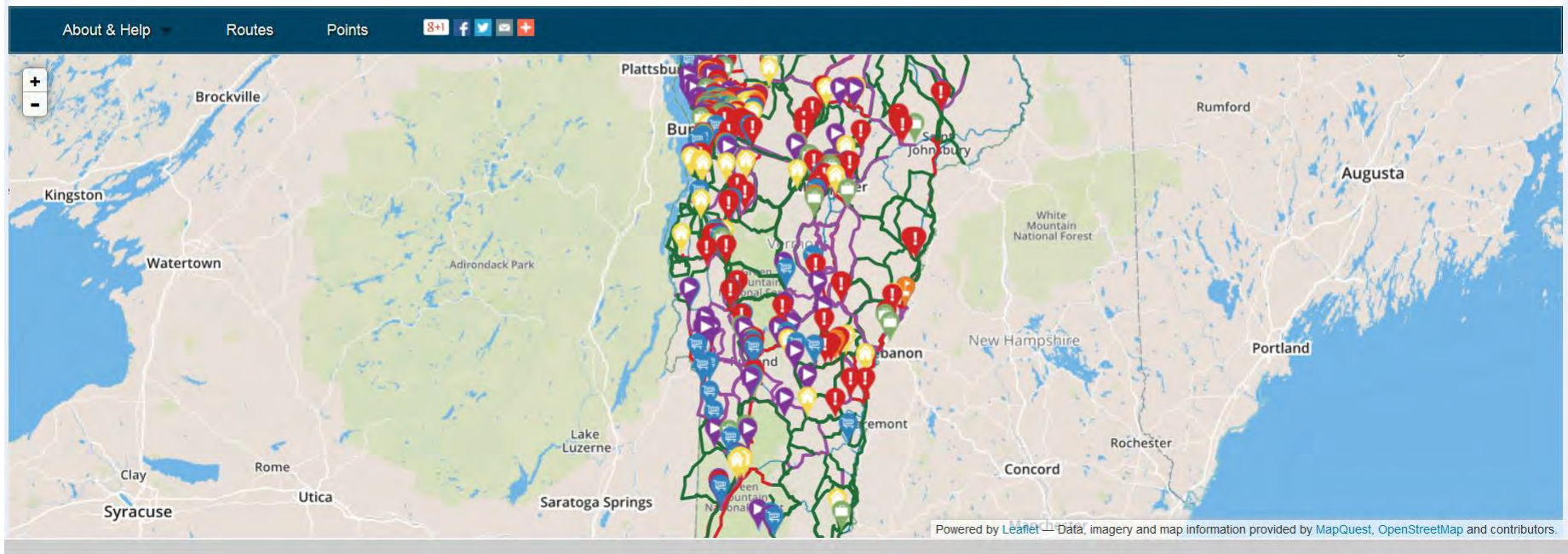
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Project Map Participation

Many Vermonters have already added their feedback. We hope you will add yours!

RESPONSES SO FAR

- Nearly 3000 points, lines, likes & dislikes
 - 820 lines drawn
 - Nearly 890 points
 - Over 1600 unique IP addresses

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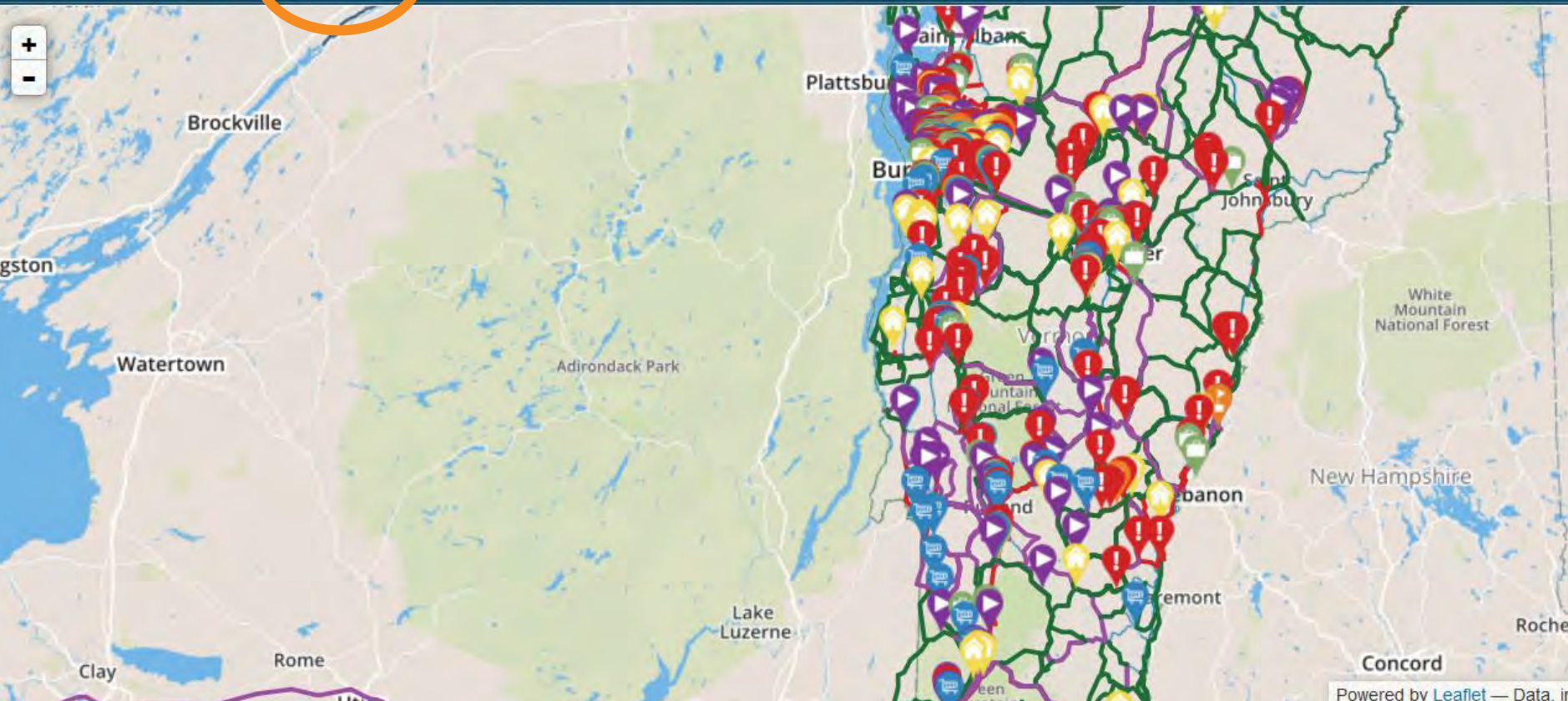
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About & Help

Routes

Points



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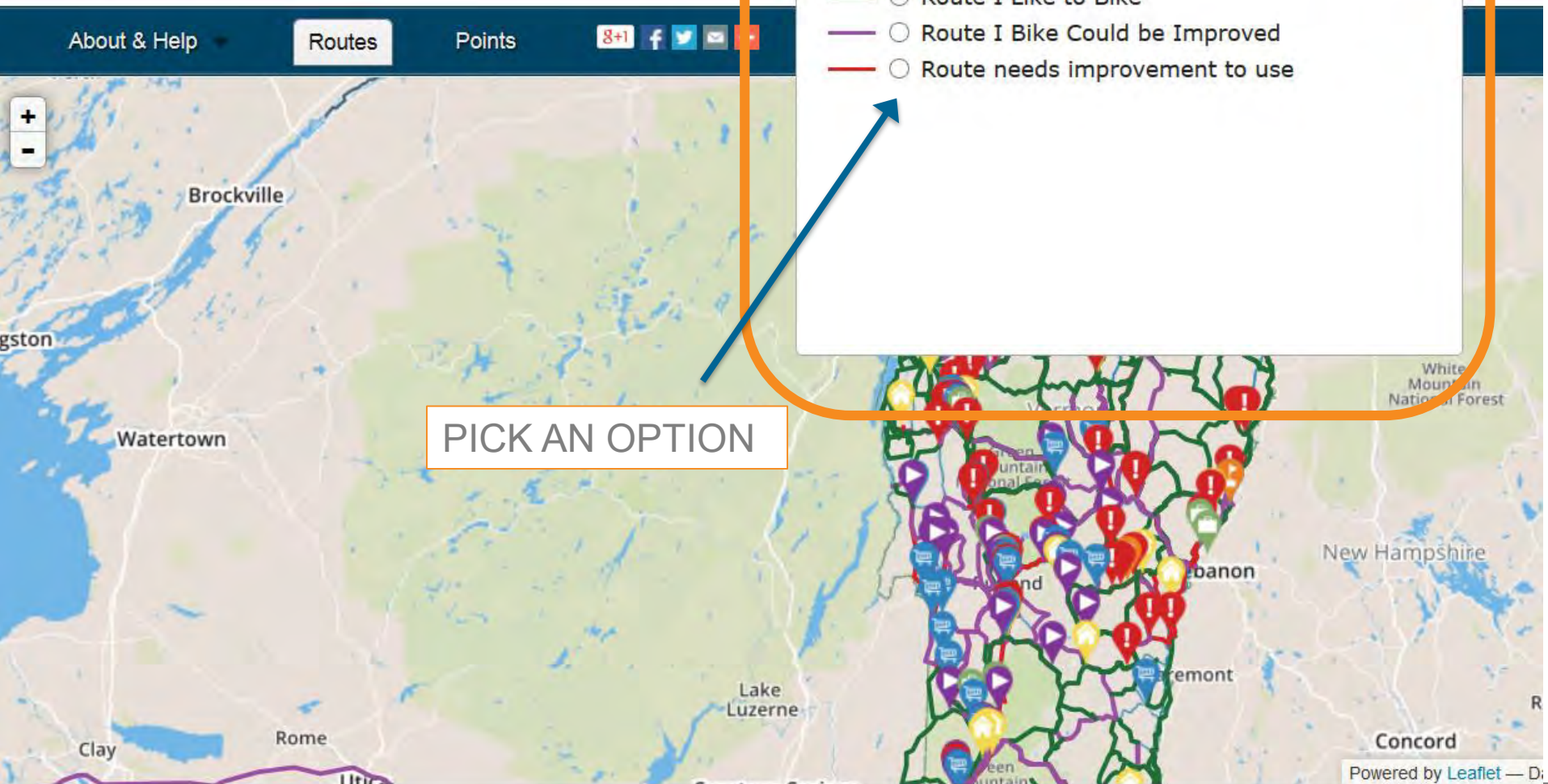
IMPORTANT: We need your input on the system and segments of routes you draw or would like to see.

Routes

Click once to start. Click to add points along the route. Double Click at the endpoint. Then press Submit to save.

- ☐ Route I Like to Bike
- ☐ Route I Bike Could be Improved
- ☐ Route needs improvement to use







PICK AN OPTION



y I like to bike
 y I bike, but could be improved
 y I'd like to use, but needs improvement

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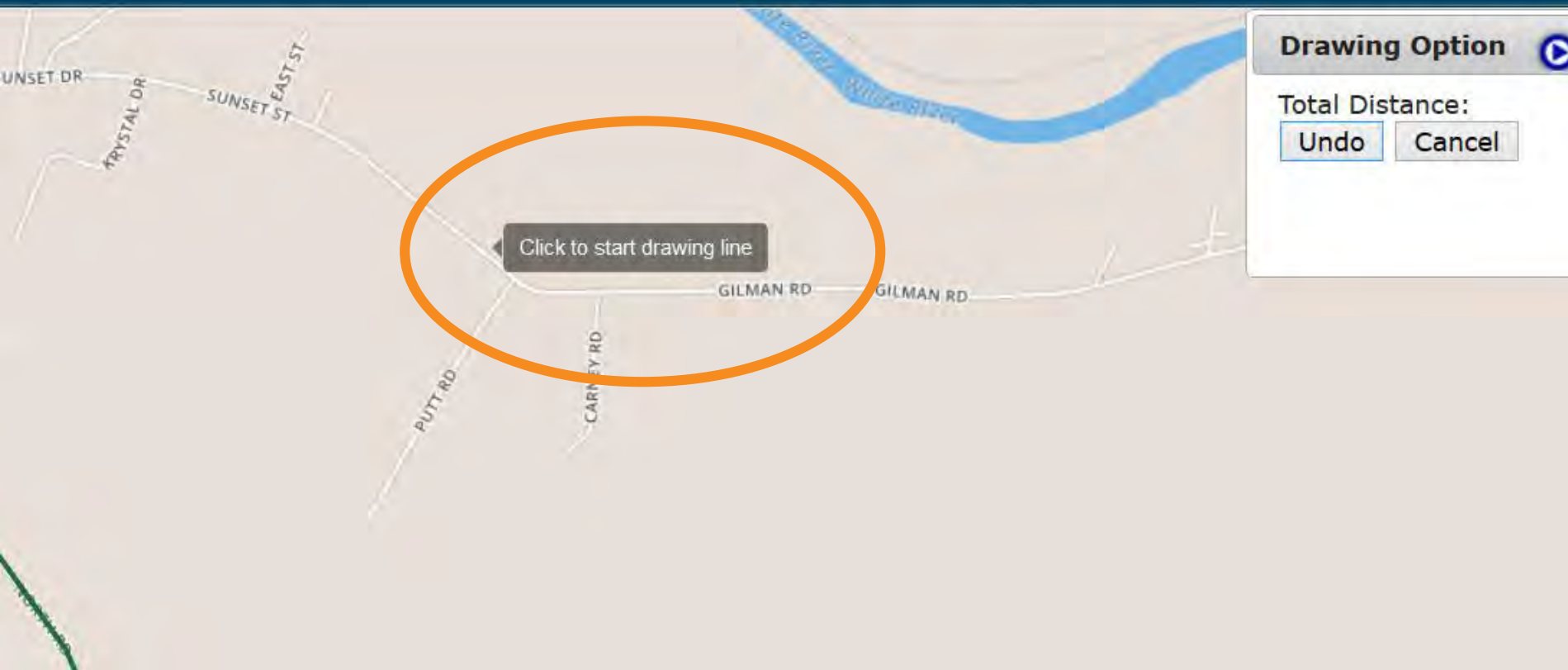
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bike

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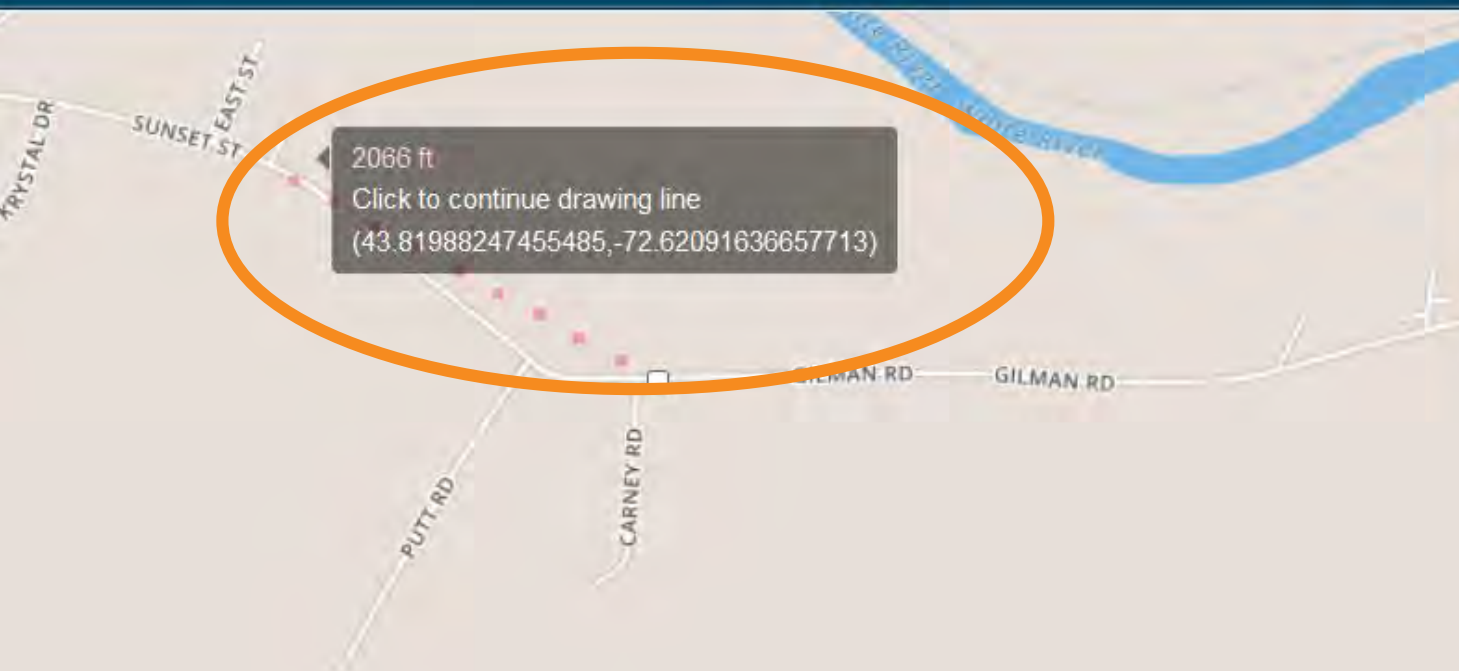
Learning Destination I would/do bicycle to

Difficult Bicycling Location

EXISTING

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2066 ft

Click to continue drawing line

(43.81988247455485, -72.62091636657713)

Drawing Option



Total Distance:

Undo

Cancel

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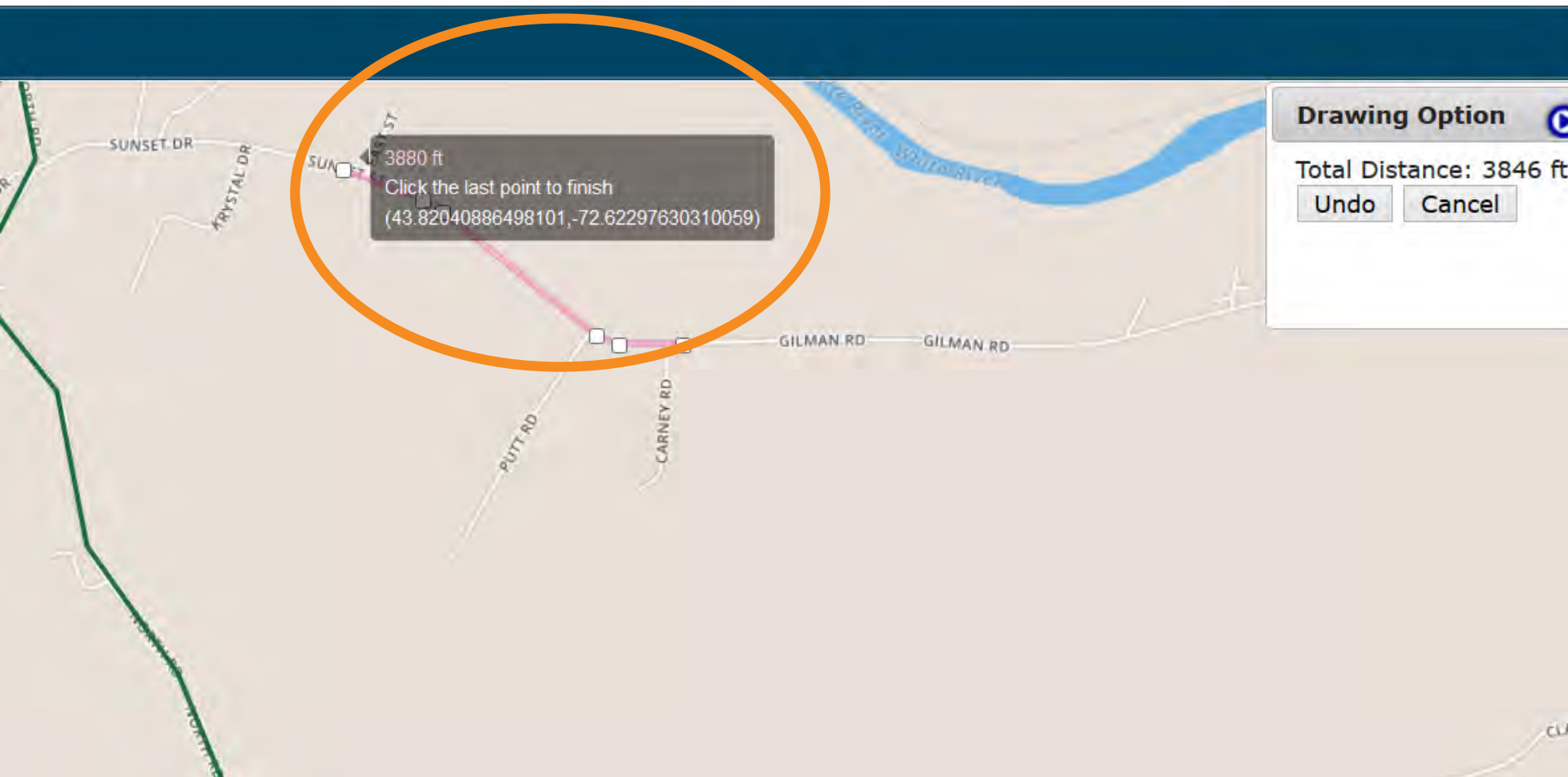


Difficult Bicycling Location

EXISTING

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Drawing Option

Total Distance: 3846 ft

Undo

Cancel

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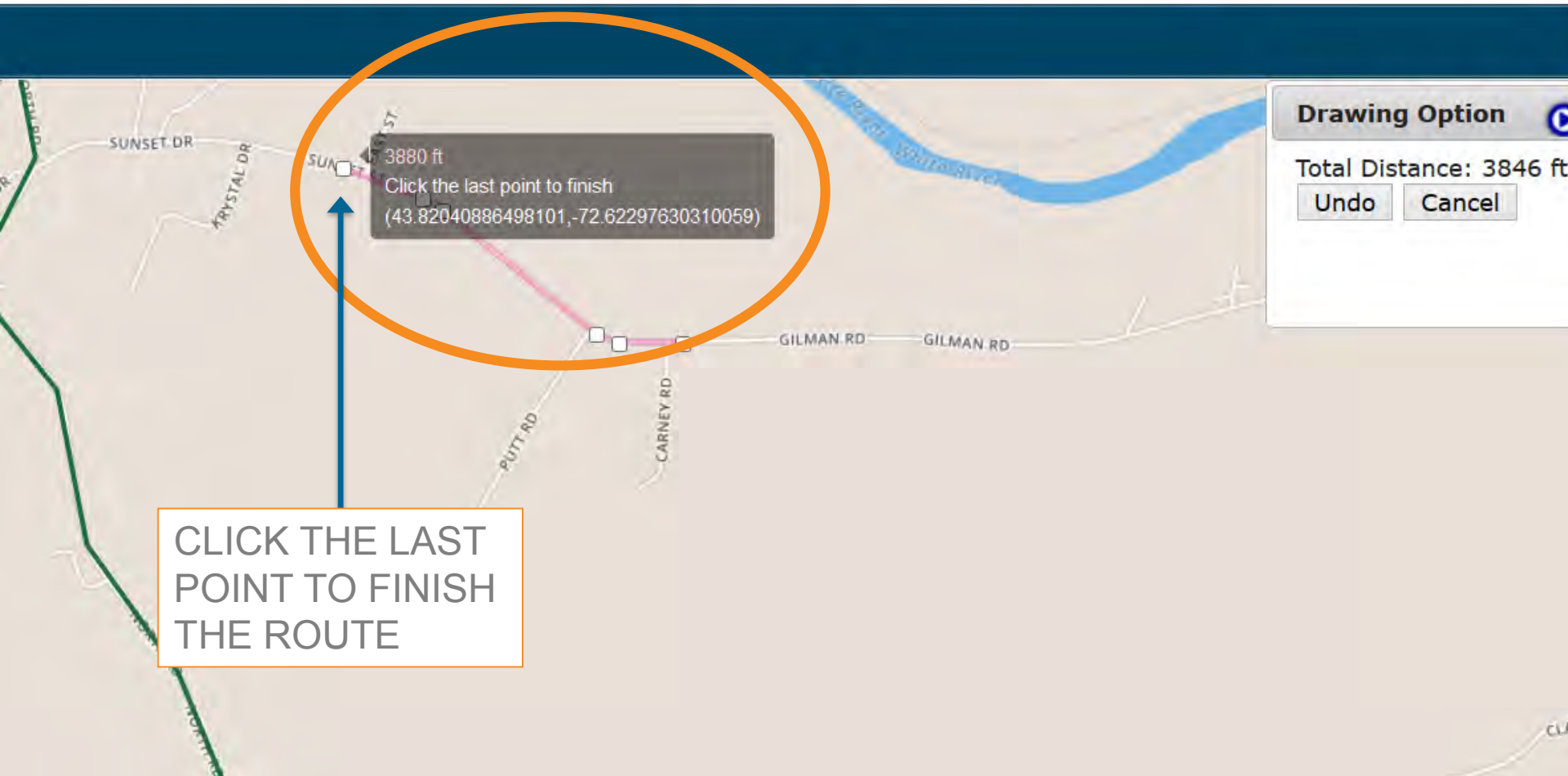
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CLICK THE LAST
POINT TO FINISH
THE ROUTE

Map Legend

ROUTES

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Vermont State Highway

On-Road **Bicycle** Facility Plan

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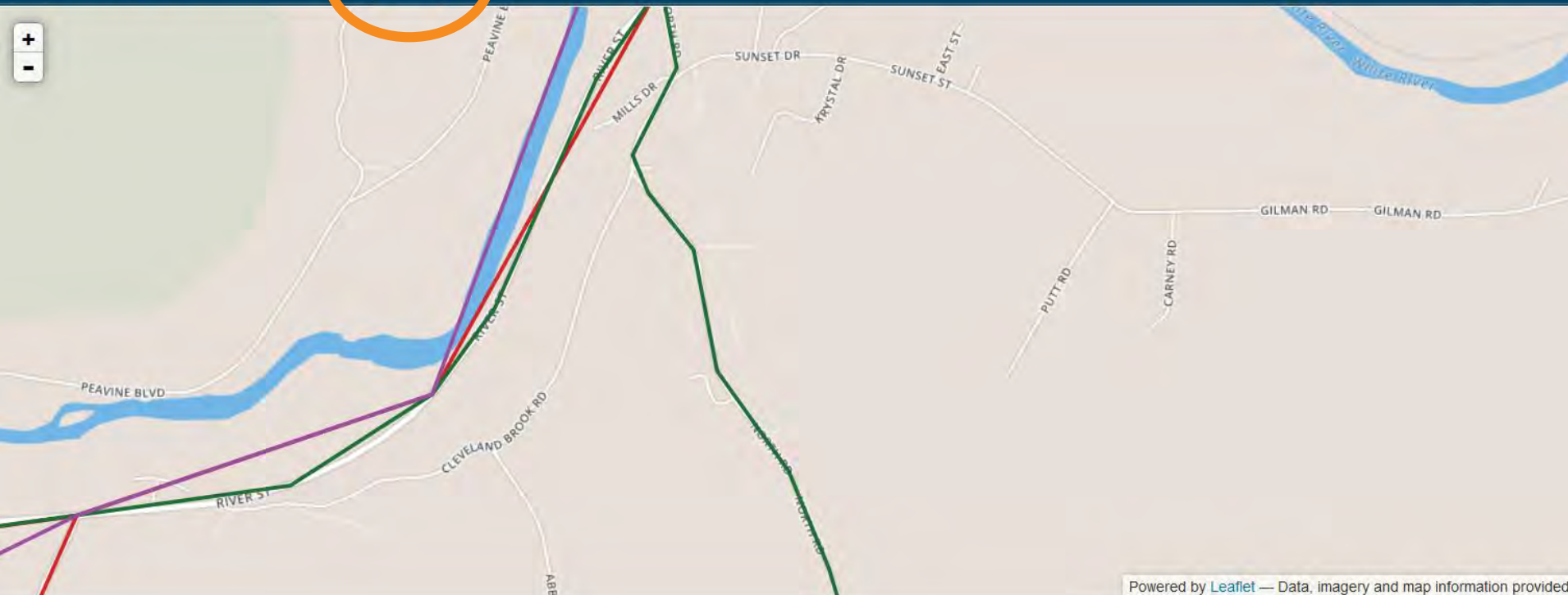
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About & Help

Routes

Points



Powered by [Leaflet](#) — Data, imagery and map information provided

State Highway

Facility Plan

friendly Vermont. Click the
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IMPORTANT: W
system and seg
routes you dra
or would bicyc

Points

Select point type and then place on map.

- ☐ My Home
- ☐ Play Destination I'd bike to
- ☐ Learning Center I'd bike to
- ☐ Work Destination I'd bike to
- ☐ Shopping Locale I'd bike to
- ☐ Difficult Biking Location

PICK AN OPTION

Powered by Leaflet — Data, imagery and map information provided by

e Highway Facility Plan

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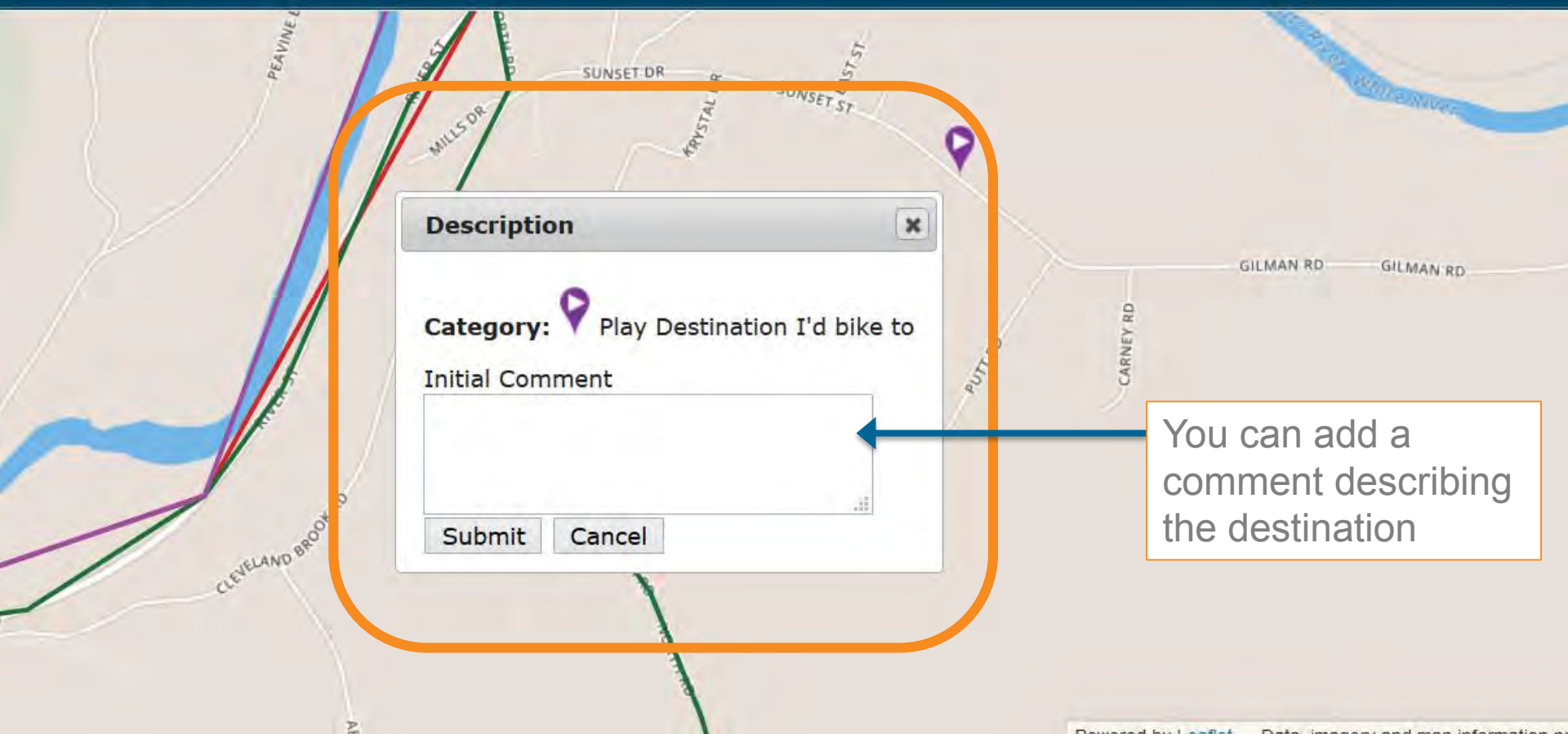
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Routes

Points



Description

Category: Play Destination I'd bike to

Initial Comment

Submit

Cancel

You can add a
comment describing
the destination

Map Legend

POINTS



Home



Employment Destination I would/do bicycle to



Shopping Destination I would/do bicycle to



Play Destination I would/do bicycle to



Learning Destination I would/do bicycle to



Difficult Bicycling Location

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EXISTING

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of the map

Points



Add Comment

Description: Route I Like to Bike

Initial comment:

☐ Agree ☐ Disagree ☐ Abstain

Add a comment

Allowed: 1000 characters. Used: 0 characters.

Submit

Big climb, but lovely views from the top. Spots could use repaving.
Nov 23, 2014

A beautiful road.
Nov 23, 2014

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You can agree or disagree with an existing input

You can also add a descriptive comment

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Erica Wygonik
Project Manager, RSG

Sommer Bucossi

Amy Bell

Co-Project Managers

802.828.2678

VTRANS ON-ROAD BIKE PLAN

Policy & Planning Division

VT Agency of Transportation

1 National Life Drive

Montpelier, VT 05633-5001

<http://vtransplanning.vermont.gov/bikeplan>

Vermontbike@gmail.com