



HUNTSVILLE MPO BIKE PLAN

Project Overview and Discussion Prompts

Introductions



Project Overview



Project Introduction

The **Huntsville Metropolitan Planning Organization (MPO)** is developing this plan with a goal of improving the bicycle transportation network throughout the areas of **Huntsville, Madison, Madison County, Owens Cross Roads, and Triana**. This plan will incorporate the themes and goals developed in previous community plans while expanding on them based on community engagement and best practices to improve connectivity and safety for all bicyclists.





Huntsville MPO Bike Plan

2024

2025

✦ WE ARE HERE ✦

JAN - MAR

- ✦ Review Past Plans and Create GIS Basemap
- ✦ Website Setup
- ✦ Public Survey + Input Map
- ✦ Existing Conditions + Planned Network Maps

APRIL - JUNE

- ✦ Gap Analysis
- ✦ Demand Analysis
- ✦ Community Stakeholder Committee Meeting #1 (Vision and Goals)
- ✦ Technical Advisory Committee Meeting #1 (Vision and Goals)

JULY - SEPT

- ✦ Draft Network Development
- ✦ Public Open House #1: Project Overview + Vision and Goals + Existing Conditions
- ✦ Technical Advisory Committee Meeting #2 (Existing Conditions + Stakeholder Feedback)
- ✦ Technical Advisory Committee Meeting #3 (Draft Network)

OCT - DEC

- ✦ Community Stakeholder Committee Meeting #2 (Draft Recommendations)
- ✦ Public Meeting #2
- ✦ Begin Project Prioritization
- ✦ Implementation Framework + Phasing Strategy

JAN - MAR

- ✦ Finalize Project Prioritization
- ✦ Policy + Program Recommendations
- ✦ Draft Plan
- ✦ Technical Advisory Committee Meeting #3 (Draft Network Recommendations)

APRIL - JUNE

- ✦ Final Plan
- ✦ Technical Advisory Committee Meeting #4 (Final Plan Review)
- ✦ Community Stakeholder Committee Meeting #3 (Final Plan Review)

Plan Purpose

The purpose of this plan is to identify opportunities and constraints for bicycling in the Huntsville MPO region, and to establish recommendations for improvement. This plan includes recommendations for easy, quick-win projects that create immediate impact, as well as long-term, visionary projects that may require additional funding, design, and coordination. The plan provides a phased set of implementation strategies to accomplish the stated project vision and goals, as described below.

Project Vision

As a **connected**, **safe**, and **comfortable** place for bicycling for all ages and abilities, the **Greater Huntsville MPO region is a premier location for bicycle transportation and recreation**. A **culture** emerges where bicycling is **accessible** and **fun**, helping attract and retain workforce and contributing to a strong regional economy.

Project Goals



Provide **connectivity** between destinations, existing greenways, and across municipalities.



Prioritize **safety** in bikeway development and programs, building off Vision Zero efforts.



Build high-quality, **comfortable** bike facilities that improve experience and increase ridership.

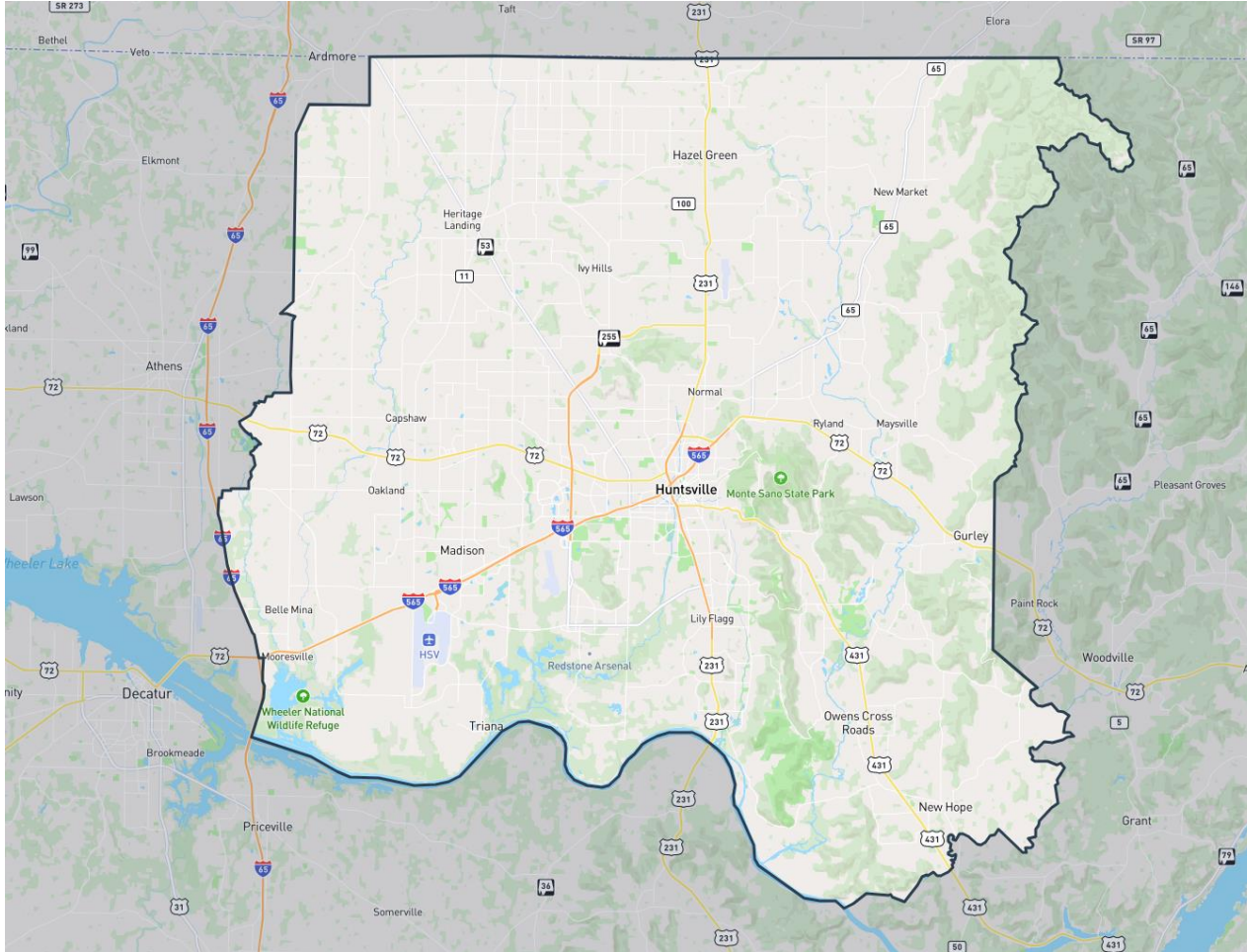


Increase **equitable** bicycle transportation and utilitarian options for underserved areas, including improved access to transit, schools, and major employers.



Build a bicycling **culture** where all roadway users are more considerate, through education, encouragement, and safety programs.

Project Scope



Public Engagement

- Tech Advisory Committee
- Community Stakeholders
- BASC Meetings
- Public Meetings
- Meeting in a Box

Existing Conditions Inventory & Analysis

- Mapping & Gap Analysis
- Planned Network Review
- Demand Analysis

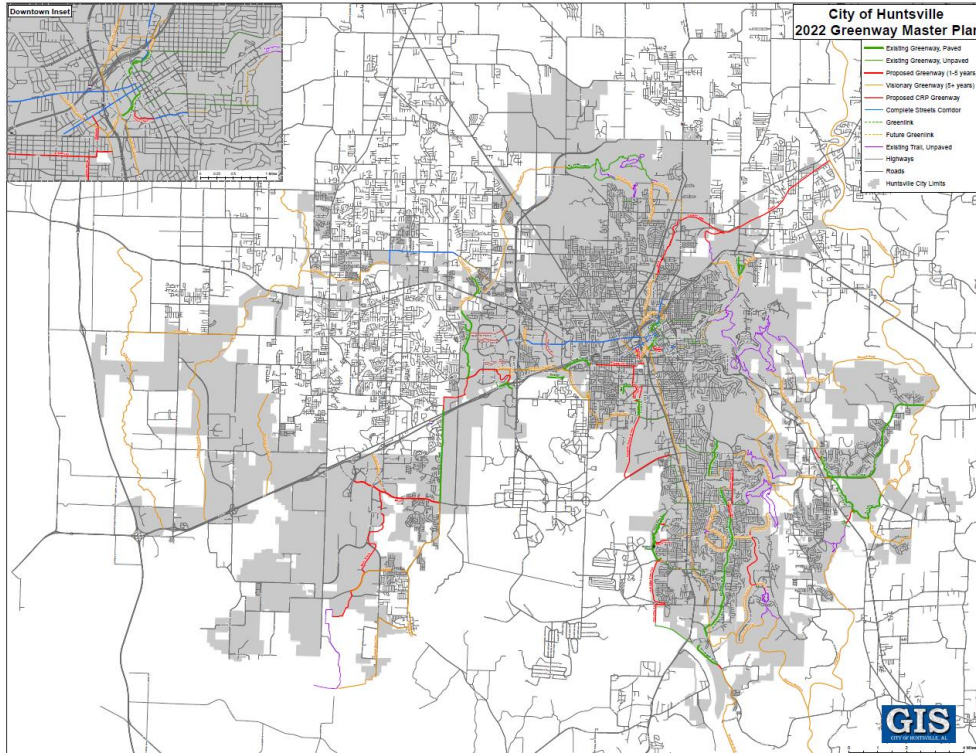
Plan Development

- Network Improvements
- Project Prioritization
- Policy & Program Recommendations
- Implementation & Phasing Strategy
- Final Plan

Previous Efforts

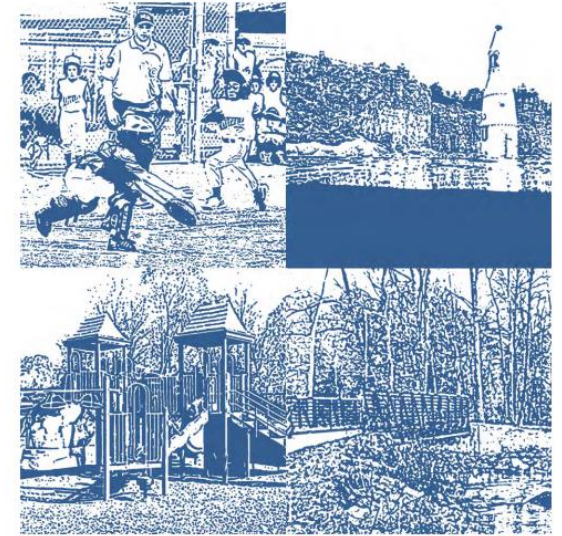
Plan Review

- Comprehensive approach
- Regional and local level
- GIS Mapping



Huntsville MPO Bikeway Plan

Huntsville, Alabama



Master Plan
2014-2025

City of *Madison*
ALABAMA



HUNTSVILLE AREA TRANSPORTATION STUDY

YEAR 2035
TRANSPORTATION
PLAN

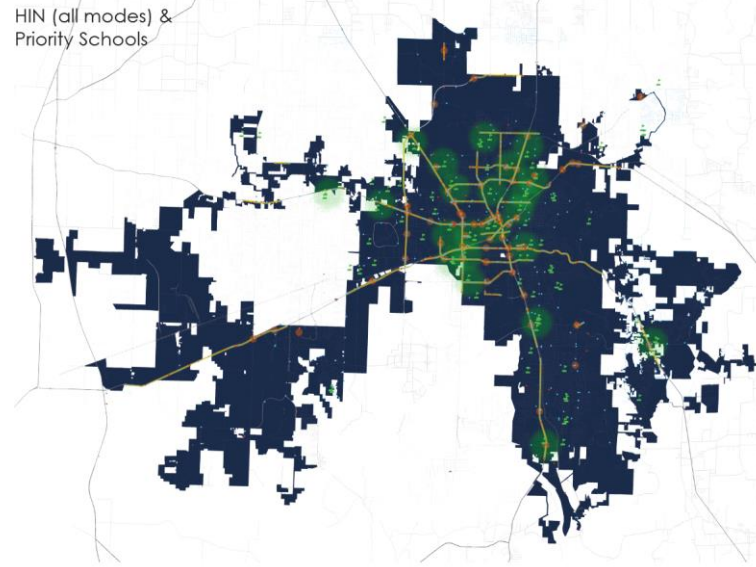
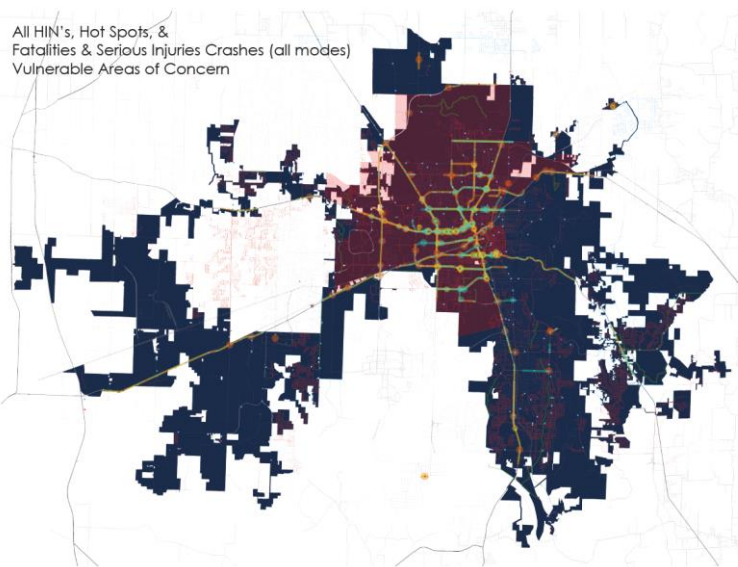
HUNTSVILLE AREA TRANSPORTATION STUDY

Prepared by the City of Huntsville Planning Division
In Cooperation with the
Bureau of Transportation Planning,
Alabama Department of Transportation

Current Efforts

Vision Zero (In-progress)

Findings to be incorporated into the Huntsville MPO Bike Plan to better understand bicycle safety and crash locations



VISION ZERO HUNTSVILLE

Vision Zero is Huntsville's plan to
reduce the number of traffic related
fatalities and serious injuries to zero.

Listen, learn and speak at one of our
upcoming community meetings.

Tuesday, 4/18 @ 5:30-7:30 PM
First Baptist Church Life Center Auditorium
600 Governors Drive SW

Wednesday, 4/19 @ 5:30-7:30 PM
North Huntsville Library Community Room 132
3011 Sparkman Drive NW

Thursday, 4/20 @ 5:30-7:30 PM
Morris School Cafetorium
4801 Bob Wallace Ave.

All facilities are ADA-Accessible. If you need special accommodations,
please call 256-427-5026 or visit huntsvilleal.gov/ada.

Huntsville Transit will offer FREE rides to/from meetings. All meetings are within ¼ mile
of a transit stop. Riders should tell operators they are attending Vision Zero meeting.

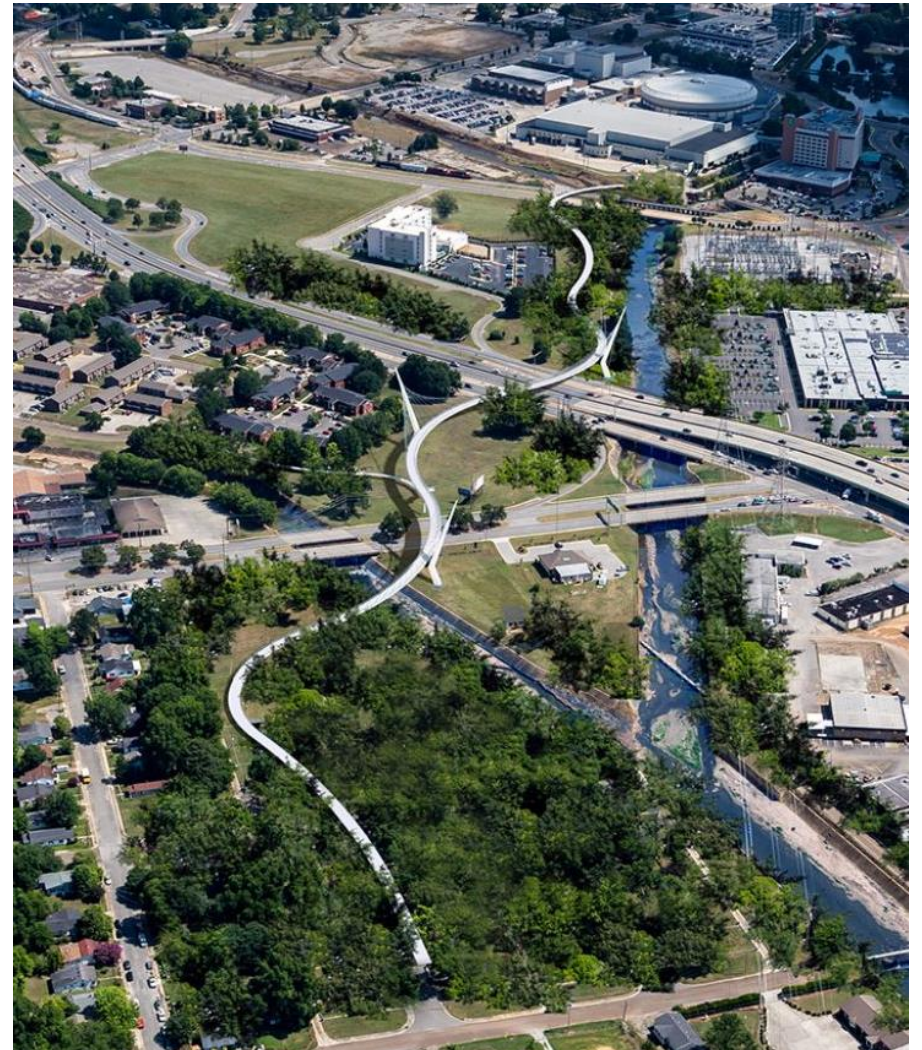
LEARN MORE
visionzeronetwork.org



Singing River Trail



PARC Project



Bike Facility Types



Bicycle Facility Types

Bicycle Boulevard



Standard Bike Lanes



Bicycle Facility Types

Buffered Bike Lane



Protected Bike Lanes



Bicycle Facility Types

In Roadway Two-way Cycletrack



In Roadway Shared Use Path



Bicycle Facility Types

Off Roadway Shared Use Paths

Greenway



Side Path



Bicycle Amenities

Bike Racks



Racks on Buses



Wayfinding Signage



Bike Shares



Fix-it Stations



Shade Structures



Bicycle Infrastructure

Protected Intersections



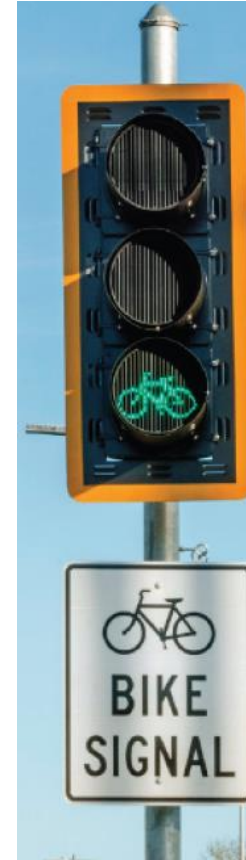
Box Intersections



Traffic Calming



Bike Signals



Demonstration Projects



<https://www.dot.state.mn.us/saferoutes/demonstration-projects.html>

Programming, Communication, and Outreach

**Bike-to-School
(Bike Bus)**



Bike to Work



**Bicycle
Awareness
Campaign**



**Social Media
Campaign**

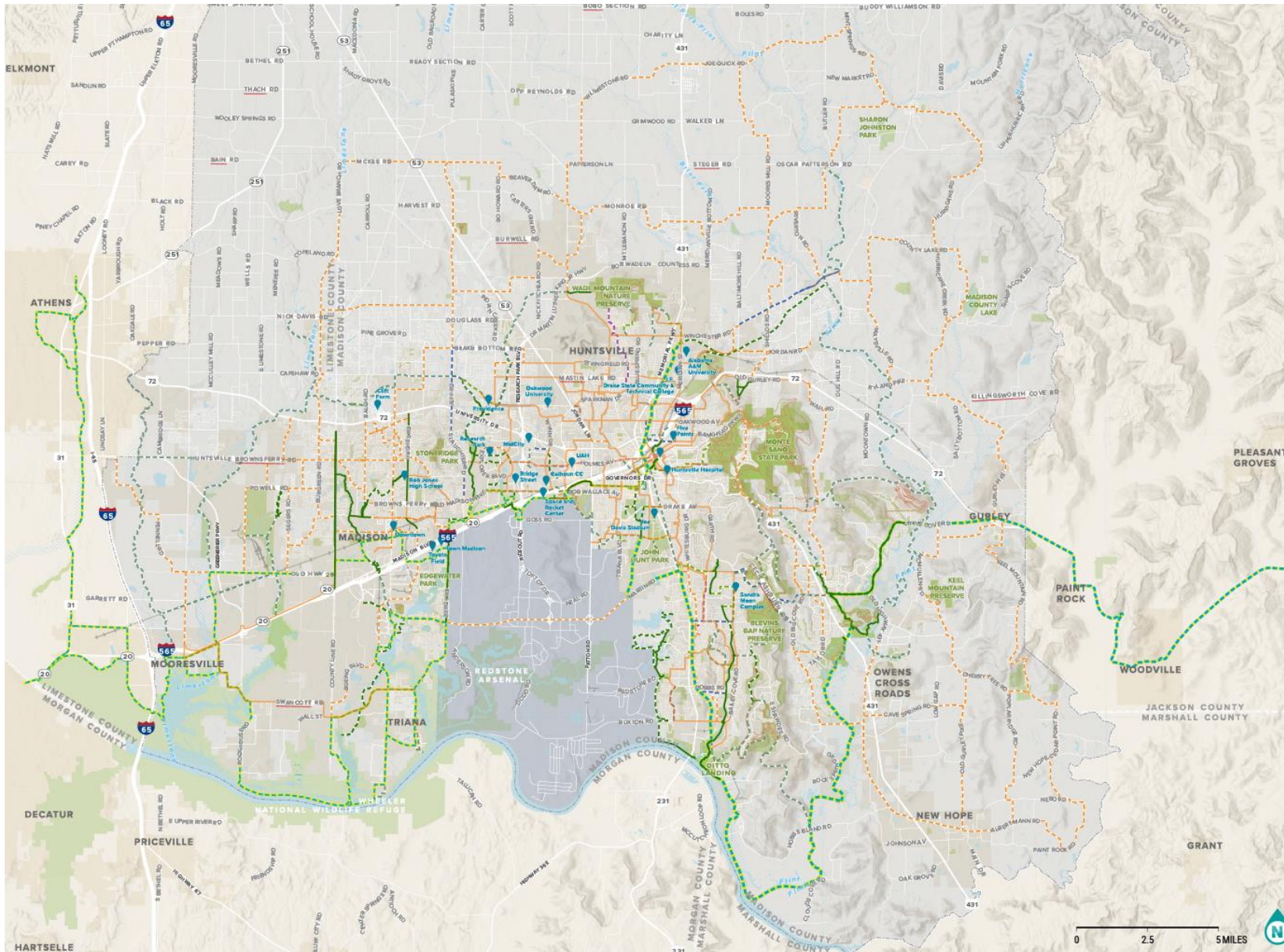


**Bike Safety
Training**



**Bike Education
(in or after
School)**





Previously Proposed Bike Facilities



Proposed Greenways **62.4** miles
Visionary Greenways **182.4** miles



Bike Routes **347** miles



Bike Lanes **30.72** miles



Greenlinks (side paths) **12.34** miles

Legend

- Destinations
- Proposed Bicycle Facilities**
 - Singing River Trail
 - Proposed Greenlink
 - Proposed Greenway
 - Visionary Greenway
 - Proposed Bike Lanes
 - Proposed Bike Routes
 - Proposed Complete Streets Corridor
 - Proposed Bike Boulevard
- Existing Bicycle Facilities**
 - Bike Route
 - Bike Lanes
 - Shared use path
 - Natural Surface Trail
- Base Layers**
 - Railroads
 - River, Creek, Pond
 - Swamp
 - Parks and Open Space
 - MPO Boundary

Existing Bicycle Facilities



Greenways **54.6** miles



Bike Routes **182.1** miles



Bike Lanes **27.1** miles



Greenlinks (side paths) **14.4** miles

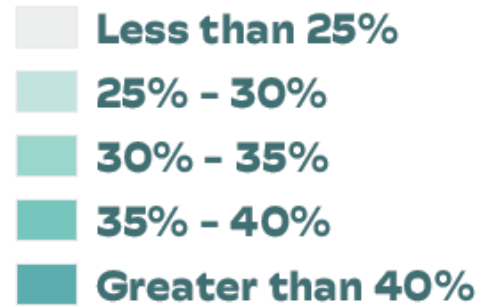
Existing Conditions and Engagement Opportunities



Demand Analysis

Active Trip Potential

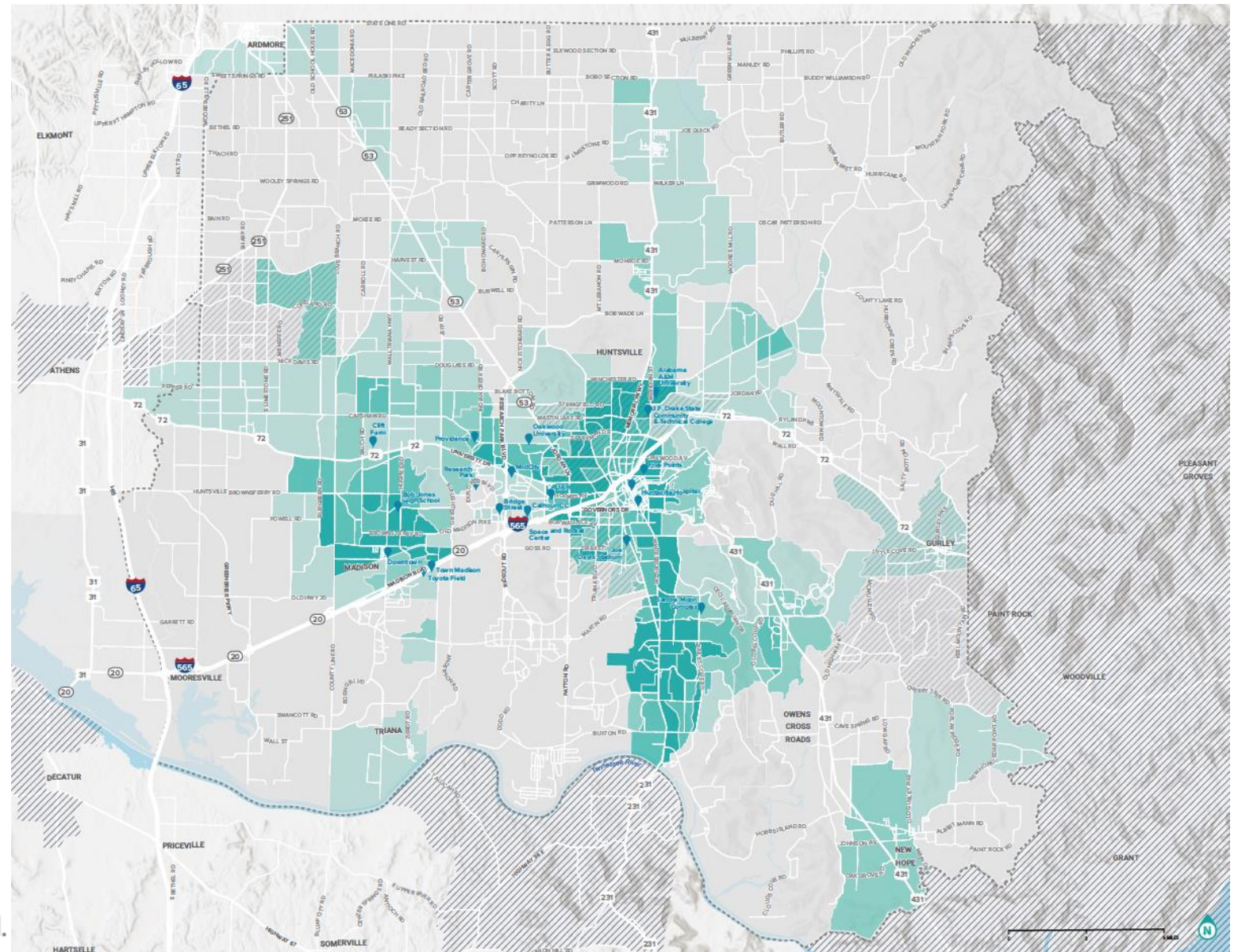
PERCENT OF MOTOR VEHICLE TRIPS UNDER 3 MILES



BOUNDARIES



Modeled trip data is provided by Replica, and trips are summarized based on the block group in which they end.



Addressing Safety Concerns



Fatal or Serious Cyclist Injuries

31

In MPO Area (2016–2022)

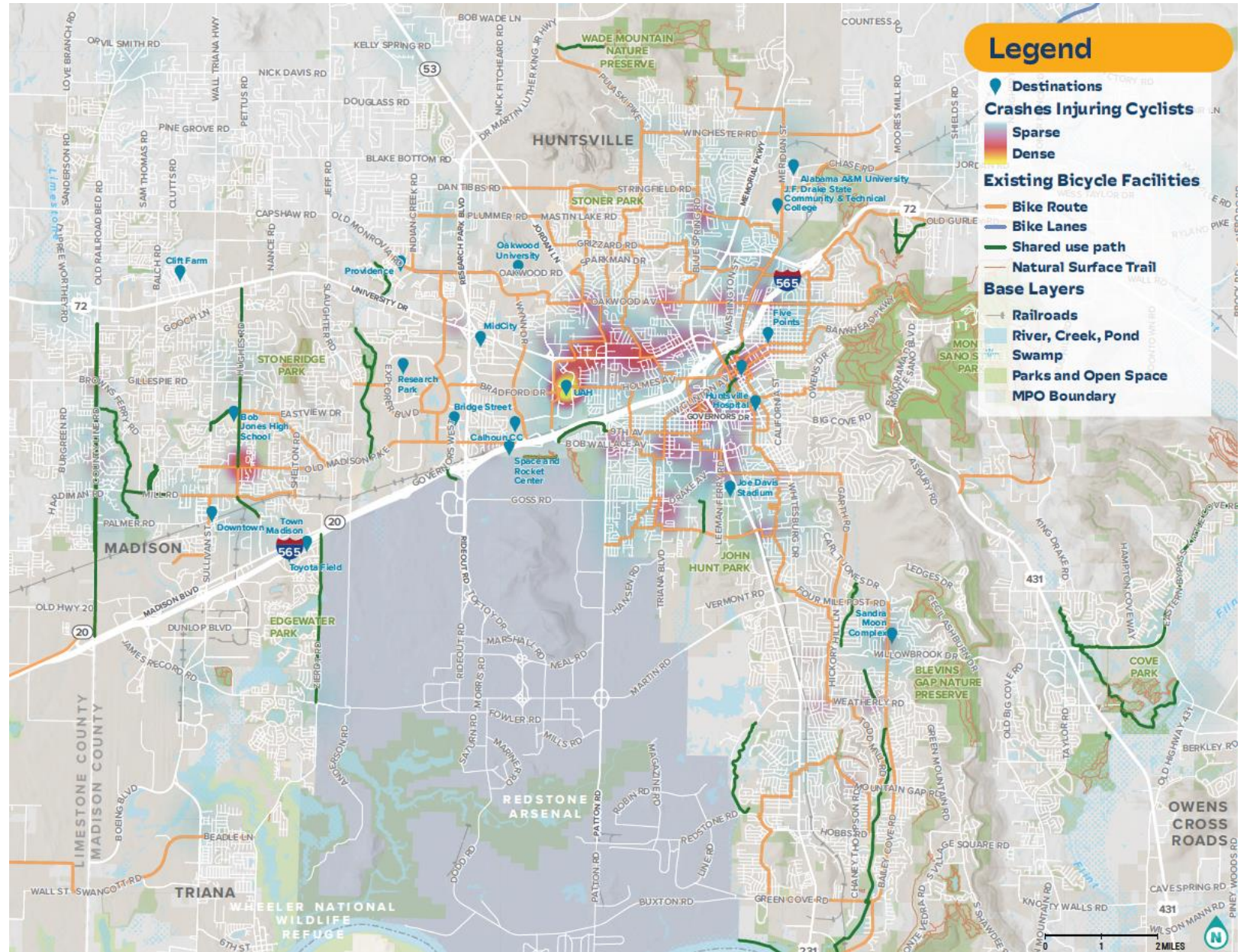


Total Crashes with Bikes

198

In MPO Area (2016–2022)

Improving safety for bicyclists is a main priority for the bicycle plan. Identifying where bicycle crashes have occurred and understanding the conditions and contributing factors is the first step to making our roads safer to bike. The project team gathered crash data from 2016 to 2022 to identify crash locations and density. As seen on this map, some of the most severe crashes are happening on busy roads and at intersections.



Engagement Overview

Big idea: Understand barriers, opportunities, needs, and interests from a range of stakeholders so we can create meaningful recommendations that are **ready for design and implementable**.

Main Audiences

- **Community Stakeholder Committee**
 - Ensure that we're hearing from the region's advocates and specific user groups
 - Help to engage the public by promoting the project on your platforms
 - Provide feedback on the plan recommendations and programming ideas
- **Technical Advisory Committee**
 - Share policy, programming, design, and engineering current practices and procedures
 - Provide feedback on technical aspects of the plan
- **Public**
 - Share where they want to see improvements to enhance the bike network

In Person Meetings

Public Workshops:

#1 Public Open House July 24th:

- Late Summer 2024
- Project Overview
- Vision and Goals
- Existing Conditions Findings

#2 Public Open House:

- Spring 2025
- Draft Network Recommendations
- Prioritized Projects
- Recommended Next Steps
 - » Policies
 - » Programs



In Person Meetings

BASC Meetings

- **Kick off and Scheduling**
 - HUBS Coop Visit
- **Group Bike Ride**
 - Square/Downtown
 - Medical District/Hospital
 - Meridian/Lincoln Mill
 - Public Library
- **Plan and Network Presentation and Feedback**
 - Date TBA



Website

Check out the website to access and view the:

- Public Survey
- Input Map
- Project schedule
- Updates
- Upcoming meetings

The screenshot shows the website header with navigation links: Home, About, News, Maps, Data, Plans and Reports, Links, and Contact Us. The main content area features a post titled "Bike the Rocket City" by jvandiver, dated April 30, 2024, categorized as Uncategorized. The post includes a logo for "BIKE THE ROCKET CITY" and a welcome message: "Welcome to the 'Bike the Rocket City' bicycle plan project website! The Huntsville Area Metropolitan Planning Organization (MPO) is developing a bicycle plan to create a safer and connected bicycle network within the Huntsville, Madison, Madison County, and Triana area. The plan will identify future bicycle routes, bike lanes, and/or greenways that connect residents and visitors to destinations and everyday needs. We look forward to hearing from residents to understand concerns and priorities for the development of the future bicycle network within the Huntsville-Madison County metro area. This website will be updated throughout the life of the project with opportunities to share your feedback." A search bar and "MPO Members" section are also visible on the right side of the page.

www.huntsvillempo.org/bike-rocket-city

Engagement

Survey

Please share the survey within your networks!



www.surveymonkey.com/r/HSVBikePlan



Huntsville MPO Bike Plan Survey

Bicycling in the Region

Welcome to the survey for the Bike the Rocket City plan! The Huntsville Metropolitan Planning Organization (MPO) is developing a bicycle plan to create a vision and framework for the future bicycling network in the Huntsville - Madison - Madison County region. We need to hear from you to understand your interest, concerns, and needs regarding bicycling. **We appreciate your feedback and please share this survey with others!**

If you have any questions about the project, please contact Sara Kovachich (sarakovachich@altago.com) or Jo Beth Gleason (jobeth.gleason@huntsvilleal.gov).

1. What type of cyclist are you/would you describe yourself as? Please select one.

- Strong and fearless
- Enthusiastic and confident
- Interested but concerned
- Beginner cyclist
- Other
- I don't ride.

2. Where do you currently ride your bike? Please select all that apply.

- On greenways and paved pathways
- On natural surface trails
- On low traffic neighborhood streets

Engagement

Interactive Map

Tell us where you like biking and where there are difficult intersections to cross and other improvements are needed



<https://huntsville.altaplanning.cloud>

Tell us about biking in the Huntsville MPO

Huntsville, Madison, Madison County, Triana and Owens Cross Roads

Drawing options

Destinations I'd like to reach by biking

Difficult intersections to cross, other barriers to biking, and/or places that need improvement

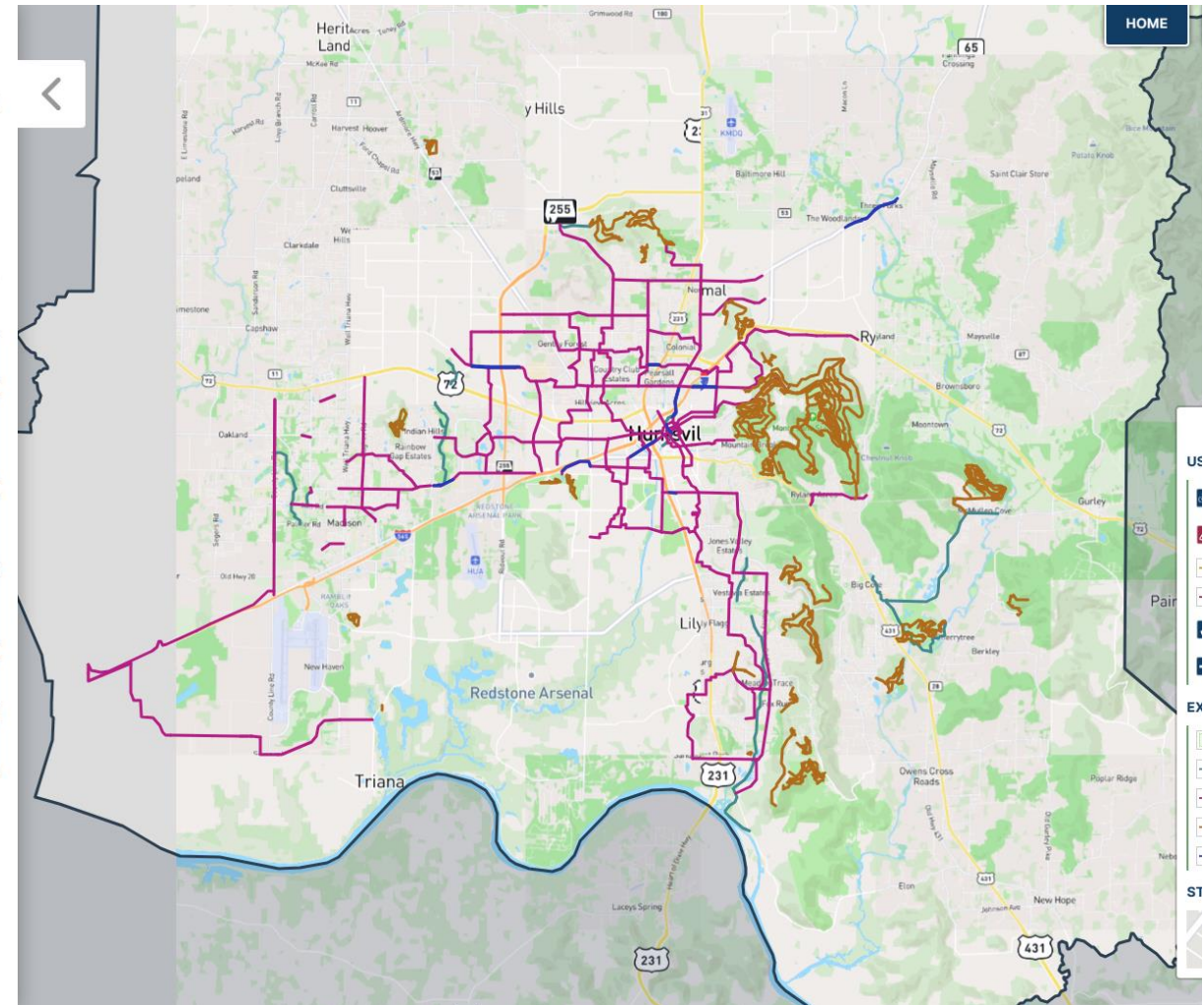
Low traffic roads or bike routes that I like to ride

Roads, trails, or bike lanes/routes that need improvements

Bike lanes and trails that I like

Other comments

Check out the map to see what other visitors have already suggested, and click or tap any point or route to see more details. If someone has placed a point or route that you agree with, click its "Like" button to add your support.



Engagement

Post Cards

- Print
- Share on Social Media



We need to hear from you!

The Huntsville MPO is developing a regional bicycle plan for the Huntsville, Madison, Madison County, Triana, and Owens Cross Roads area.

We need to understand **your interests, concerns, and needs to improve safety and connectivity of the biking network.**

We look forward to hearing your thoughts! Check out the survey and interactive map below.

For project updates, check out the **website**: huntsvillempo.org/bike-rocket-city



Take the
Survey

www.surveymonkey.com/r/HSVBikePlan

Comment
on the Map



<https://huntsville.altaplanning.cloud/>



Discussion Questions

- **Why is bicycling in the Huntsville, Madison, Triana, and Owen's Cross Roads area important to you?**

Discussion Questions

- What keeps you from riding your bike more?

Discussion Questions

- **What bicycle infrastructure improvements, amenities, or programs are most important to you?**



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◀ **Take the Survey**

surveymonkey.com/r/HSVBikePlan



Comment on the Map ▶

huntsville.altaplanning.cloud/



Thank you!

Let's stay in touch!

Alta Project Manager
sarakovachich@altago.com

Alta Principal
matthayes@altago.com



BIKE THE ROCKET CITY
HUNTSVILLE-MADISON
TRIANA-COUNTY-OWS

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Take the Survey
www.surveymonkey.com/r/HSVBIkePlan

Comment on the Map
<https://huntsville.altaplanning.cloud/>

QR codes for survey and map.

EXISTING BICYCLE NETWORK

Plot it on the map!
Let us know where you like to bike and where you'd like to bike more.
Thank you for your feedback!

EXISTING BICYCLE NETWORK
Huntsville MPO Bike Plan
2024

