



NORTH CAROLINA
Department of Transportation

NCDOT's Integrated Mobility Division (IMD)

Multimodal Updates

July 23, 2025

Connecting people, products and places safely and efficiently with customer focus, accountability and environmental sensitivity to enhance the economy and vitality of North Carolina



Agenda

- Integrated Mobility Division Updates
 - IMD Director Comments – Brennon Fuqua, MPA, PE, PMP
 - Grant Programs
 - Multimodal Planning Grant
 - Transportation Demand Management (TDM) and TDM Work Plan
 - Miscellaneous Initiatives
 - Safe Routes to School Workshop (July 15, 2025)
 - Locally Coordinated Plan
 - Statewide Bicycle and Pedestrian Plan Update
 - Research Project - Developing a Publicly Available Trail Benefits Tool for NC
 - Miscellaneous Initiatives
 - Customer Service Survey

Grant Programs

**Multimodal Planning Grant
Transportation Demand Management (TDM)**

Upcoming Multimodal Plans

Contracting Phase, Kickoff in Fall 2025

Matthews 32,000	Pedestrian Plan	Greenville 92,084	Pedestrian Plan
Yadkinville 2,995	Bicycle & Pedestrian Plan	Winterville 10,883	Bicycle & Pedestrian Plan
Boiling Springs 4,500	Project Acceleration Plan	Kinston 19,900	Multimodal Network Plan
Franklin 4,297	Bicycle and Pedestrian Plan Update	Burgaw 3,415	Project Acceleration Plan
Vandemere 254	Project Acceleration Plan	Kitty Hawk 3,713	Bicycle & Pedestrian Plan
Hendersonville 15,466	Bicycle Plan Update	Surf City 4,781	Plan Update

[Link to Program Webpage](#)

Upcoming Multimodal Plans for Colleges and Universities

Contracting Phase, Kickoff in Fall 2025

UNC Chapel Hill 53,272	<ul style="list-style-type: none">• Explore dedicated bicycle corridors to reduce bicycle-pedestrian conflicts• Complement future BRT with bicycle demand• Comprehensive audit of pedestrian facilities, intersections, and network gaps
NCSU 49,894	<ul style="list-style-type: none">• Expand safety and attractiveness of bicycle mobility beyond Main Campus.• Improve bicycling infrastructure on key inter-campus connectors.• Alleviate overcrowding on Wolfline transit network
UNC Wilmington 21,500	<ul style="list-style-type: none">• Improve bicycling options linking campus to surrounding off-campus neighborhoods• Support investments in micromobility and bicycle amenities• Explore grade-separated crossing over South College Road (NC 132)

[Link to Program Webpage](#)

Transportation Demand Management (TDM)

<https://connect.ncdot.gov/business/Transit/Pages/TDM.aspx>

FY26 Grant Awards*

- FY26 grant application cycle closed March 21, 2025.
- Funding awarded to TDM programs at these organizations:
 - Centralina Regional Council
 - Central Pines Regional Council
 - City of Charlotte's Charlotte Area Transit System (CATS)
 - Land of Sky Regional Council
 - Piedmont Authority for Regional Transportation (PART)
 - Sustain Charlotte

Program Updates

- Development of a TDM purpose statement to guide future TDM efforts at IMD. (*Underway*)
- Updates to the grant program to align with the purpose statement and funding availability. (*Kicking-off*)
- Short-range TDM work plan for IMD with action items over a 2-3 year time horizon (longer-term activities may also be included) detailing key steps, needs, and stakeholders. (*Tentative kick-off in August.*)
- All work scheduled to be completed before the end of 2025.

*Approved at the June 2024 Board of Transportation meeting.



Miscellaneous Initiatives

Safe Routes to School Workshop

Micromobility Report

Locally Coordinated Plan

Statewide Bicycle and Pedestrian Plan Update

Research Project - Developing a Publicly Available Trail Benefits Tool for NC



Safe Routes to School Workshop

July 15, 2025

- Carried out by IMD and National Safe Routes Partnership
- Invited SRTS partners across many disciplines
- Discussed the successes in NC as well as potential ways to bridge challenges
- Over 35 participants!
- Existing non-infrastructure grant funded until December 2026



Micromobility in North Carolina Report (2024)

Now available on Connect NCDOT:

<https://connect.ncdot.gov/municipalities/PlanningGrants/Pages/Micromobility.aspx>

Highlights

- Two-page handout
 - What is micromobility?
 - Annual national statistics
 - NCDOT IMD resources
- Main report
 - Literature review
 - Summary of survey of NC communities
 - Strategies and recommendations for micromobility in NC

Connect NCDOT
BUSINESS PARTNER RESOURCES

[Home](#)
[Help](#)
[Site Map](#)

[Doing Business](#)
[Bidding & Letting](#)
[Projects](#)
[Resources](#)
[Local Governments](#)

[Airport Grant Programs](#)
[Interagency Leadership](#)
[Local Programs](#)
[Planning](#)
[School Transportation](#)
[State Street-Aid \(Powell Bill\)](#)
[Utilities](#)

Micromobility

Micromobility is an emerging mode of transportation. Learn more about micromobility in North Carolina.

Connect NCDOT > Local Governments > Planning > Micromobility

What is Micromobility?

Micromobility is any small, low speed transportation device that is fully or partially human-powered or electric-powered, including bicycles, electric-assist bicycles (e-bikes), scooters, electric scooters (e-scooters), and other small, lightweight wheeled conveyances. Micromobility devices may be privately owned or deployed by vendors such as scooter share or bikeshare systems. These shared systems may be docked or dockless. Docked systems have permanent stations where devices must be picked up or dropped off. In a dockless system devices do not need to be locked to a permanent fixture, however, they may need to be parked within a defined area.

Micromobility devices

Bikes

E-bikes

E-scooters

E-skateboards & other emerging new devices

Employee Directory

Staff contacts for *Bicycle and Pedestrian Division*.

Micromobility in North Carolina Report (2024)

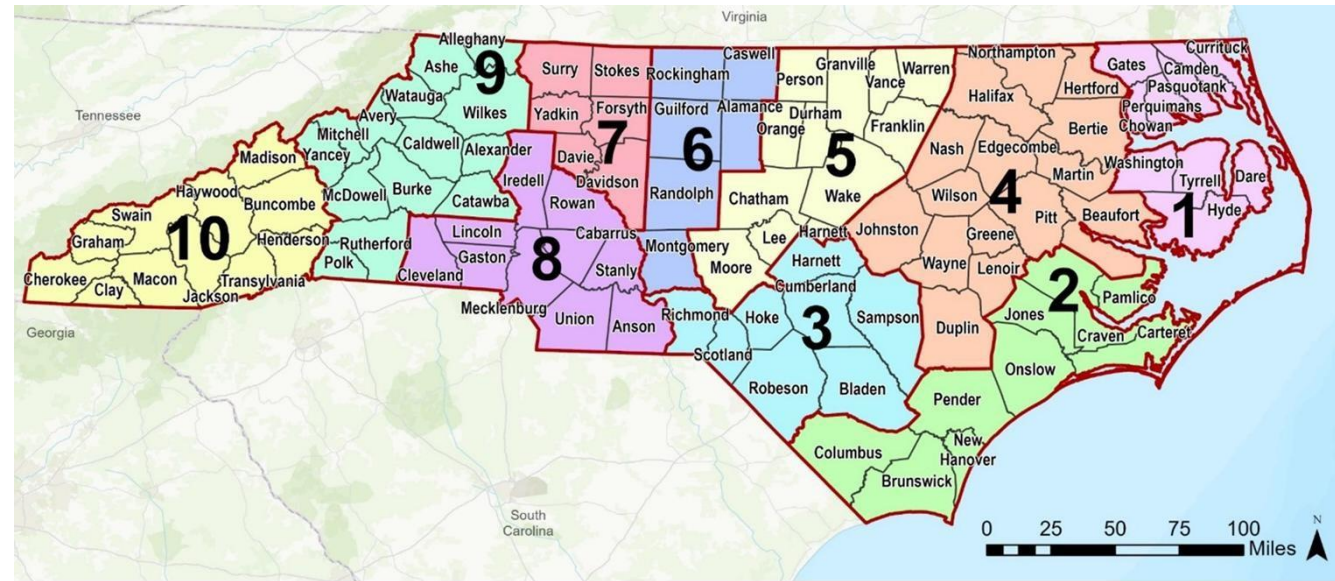
Micromobility is playing an increasing role as a viable short distance transportation option both nationally and in North Carolina. This report describes opportunities for actions to support the integration of micromobility into the state's transportation system and the role of the North Carolina Department of Transportation (NCDOT)'s Integrated Mobility Division (IMD) in providing technical assistance to North Carolina communities seeking to integrate micromobility options.

Explore the report:

- [Handout \(PDF\)](#)
- [Main Report \(PDF\)](#)
- [Appendices \(PDF\)](#)

NCDOT Statewide Locally Coordinated Plan 2025-2029

- Update to the 2020-2024 plan.
- Prepared under the guidance of the NCDOT IMD, the plan identifies opportunities to expand mobility options for seniors and individuals with disabilities, particularly in rural and small urban areas.
- A requirement for federal funding.
 - The statewide plan reduces the burden for individual organizations to each create their own plan.
- Priorities and implementation strategies provided by 10 districts across the state.
- StoryMap provides a summary of the plan and interactive maps of data described within the plan.



Access the plan, district summaries, and StoryMap:
<https://www.ncdot.gov/divisions/integrated-mobility/public-transit-services/statewide-locally-plan/Pages/default.aspx>

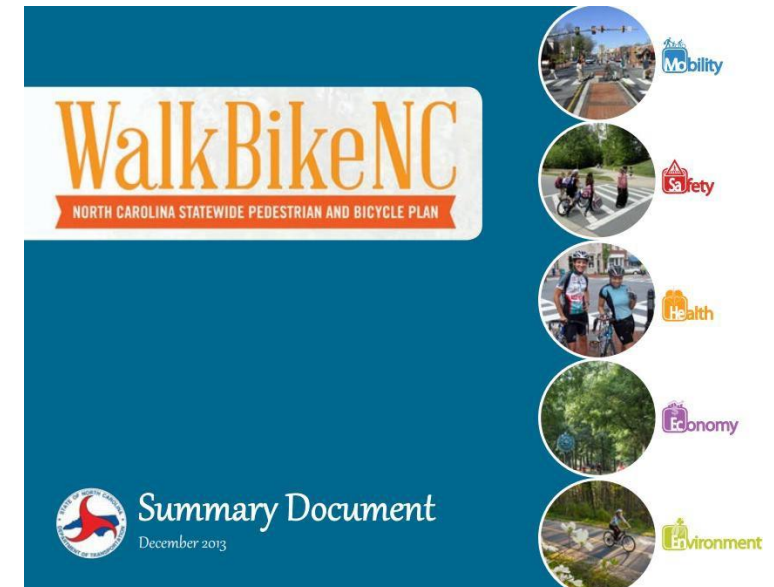
Statewide Pedestrian and Bicycle Plan Update

Some changes since 2013 Plan:

- complete streets policy and implementation guidance
- shift in preferred bicycle and pedestrian design (such as separated facilities)
- greater recognition in the need to coordinate modal options (such as bus stop/service connections to active transportation)
- advancements in micromobility (e-bikes and e-scooters – personal and shared platforms) and how it coexists with active transportation
- growth in demand for walkable/bikeable communities
- creation of TOD and mobility hub concepts
- advancements in the role of autonomous vehicles and how to safely interact with bikes and pedestrians

Anticipated Focus (safety, mobility, quality of life, accessibility) - current conditions, consolidation of plans/resources, policy assessment, assess/explore current and needed programs/initiatives, funding evaluation, implementation plan with specific strategies and action items with performance measures.

Steering Committee - NCDOT business units, regional govt agencies, public transportation groups, representatives from the health, economic and environmental sectors, etc.



Developing a Publicly Available Trail Benefits Tool for NC

Research partner: NC State University

Contributors: Great Trails State Coalition, Carolina Thread Trail, Piedmont Lands Conservancy

Timeline: August 01, 2025 - January 31, 2027

Purpose: To create a publicly available and user-friendly tool that can be used to enable both NCDOT as well as individuals, organizations, municipalities, and agencies within the state to conduct economic impact analyses and benefit-cost-analyses for prospective trail projects in their communities

Anticipated metrics/variables:

- Economic output metrics: jobs, employee earnings, economic output, tax revenue
- Benefit and cost variables: safety benefits, operating cost savings, emissions reduction benefits, physical health benefits

Outcome: A publicly available Trail Benefits Tool that includes an economic impact analysis module and a benefit-cost analysis module. A user's guidebook and video tutorials explaining how to use the modules will also be developed.

Customer Service Survey

<https://www.surveymonkey.com/r/NCDOTIMD>

Thank you!

