

PLANNING BIG!

THE TRIANGLE BIKEWAY

Town of Chapel Hill

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PROJECT LEADERS



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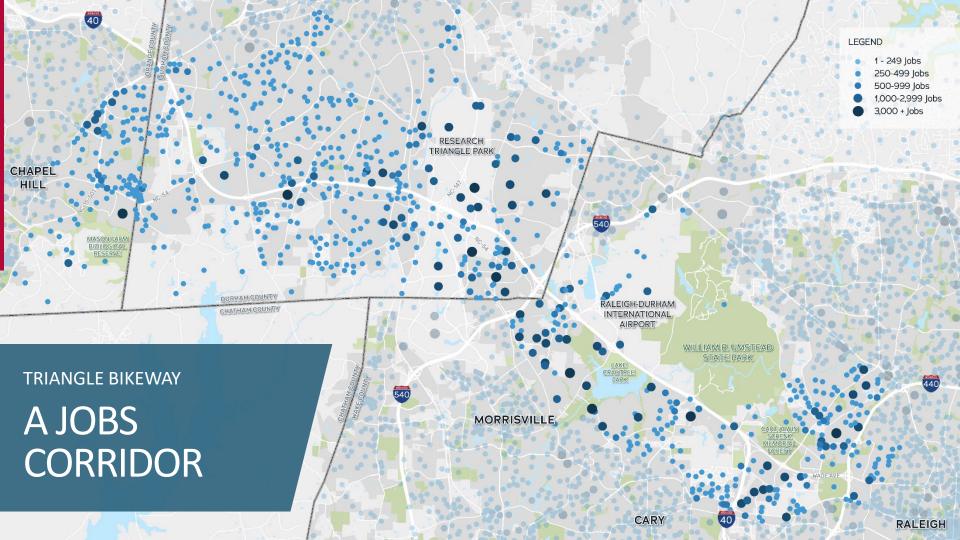




Kenneth Withrow, AICP







TRIANGLE BIKEWAY

PROJECT GOALS



EQUITY

Prioritize equal access to the Triangle Bikeway for all, through public engagement, project delivery and investment.



CONNECT TO JOBS

Provide seamless connections between the Triangle Bikeway, the regional transportation network, employment centers and local neighborhoods.



SAFETY

Address the safety needs of users of all ages and abilities in the design and development of the Triangle Bikeway.



REGIONAL COLLABORATION

Collaborate with government entities and other regional stakeholders to understand priorities and concerns. Build support of jurisdictional partners for future funding, design, construction and maintenance.



TRANSPORTATION CHOICE



Provide a direct and accessible route separated from traffic as a bicycling and walking option for commuters and recreational users. Make meaningful connections to transit and active transportation networks.



PUBLIC BENEFIT + SUPPORT

Listen to the community to help identify opportunities and challenges. Recommend an alignment that will generate public support and build momentum for future funding efforts.



FEASIBILITY

Utilize locations for the bikeway alignment that are permittable and reduce the time required for implementation. Minimize the impact of the bikeway on environmental features and the natural habitat



IDENTITY

Create a unique identity for the bikeway that will be instantly recognizable and highlight the regional commitment to both recreational and commuter bicycling to residents and visitors alike



RESILIENCY

Support mode shift goals and reduce emissions / other transportation-related environmental impacts while expanding access to active living and positively impacting community health.



TRIANGLE BIKEWAY

CASE STUDIES



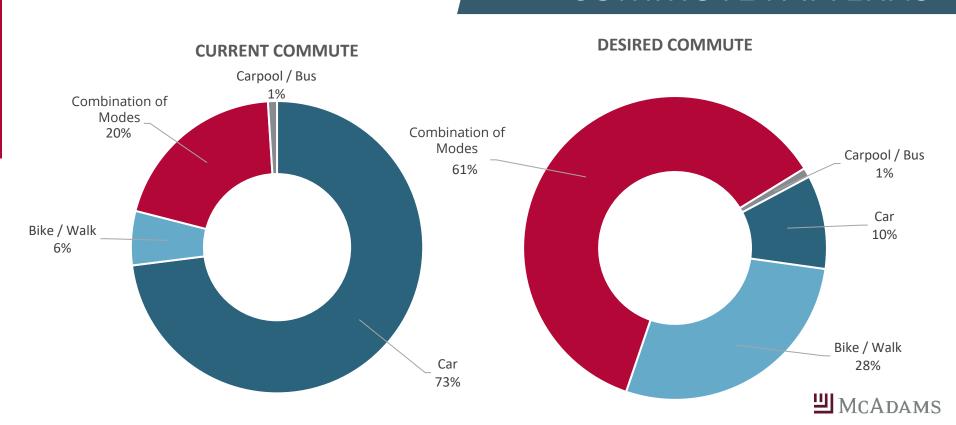
- > US 36 Bikeway Boulder, CO
- > Path 400 Atlanta, GA
- > Business 40 Sidepath Winston-Salem, NC
- > Custis Trail Arlington County, VA
- > Charter Oak Greenway East Hartford, CT





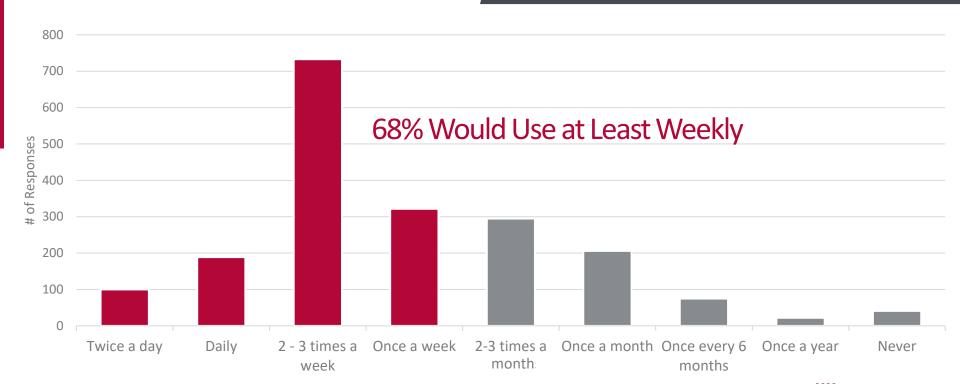
STAKEHOLDER ENGAGEMENT

COMMUTE PATTERNS



STAKEHOLDER ENGAGEMENT

FREQUENCY OF USE





OPPORTUNITIES + CONSTRAINTS



ENVIRONMENT

Connect users with natural resources while minimizing impacts to environmental features and habitat.



CONNECTIVITY

Make meaningful connections to transit and active transportation networks as well as employment centers and local neighborhoods.



SAFETY

Address the safety needs of users of all ages and abilities in the route selection and roadway crossing recommendations.



PERMITTING

Consider permitting requirements associated with the route and impacts to project cost and schedule.



CONSTRUCTIBILITY

Evaluate route for ease of construction access, construction methods and impacts to traffic during construction.



REAL ESTATE

Consider required permanent and temporary construction easements on publicly- and privately-owned land associated with the route.



ROUTE EFFICIENCY

Consider directness of route to make user trips most time efficient and minimize overall facility length to reduce construction costs



FUTURE PLANS

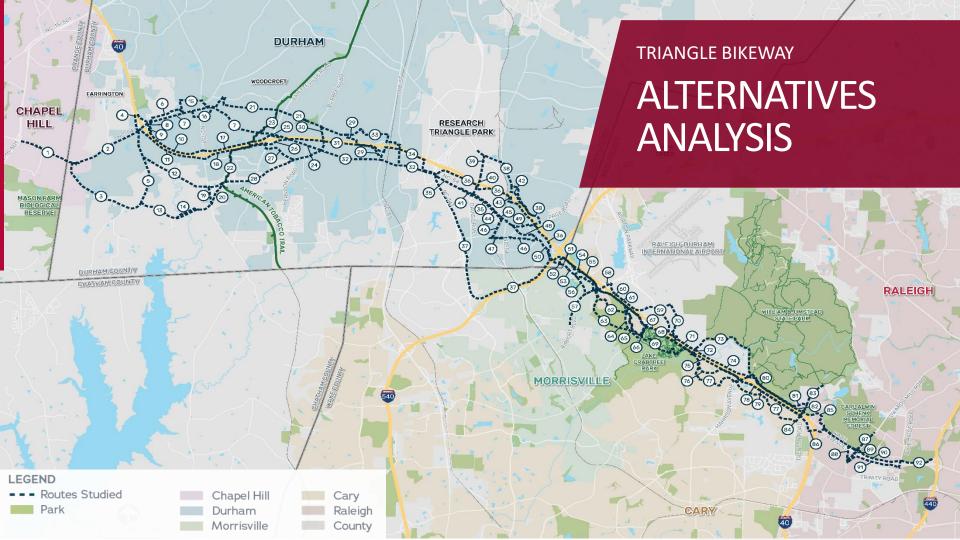
Avoid conflicts with planned roadway projects and consider how route connects to future greenways /other planned bicycle and pedestrian infrastructure.

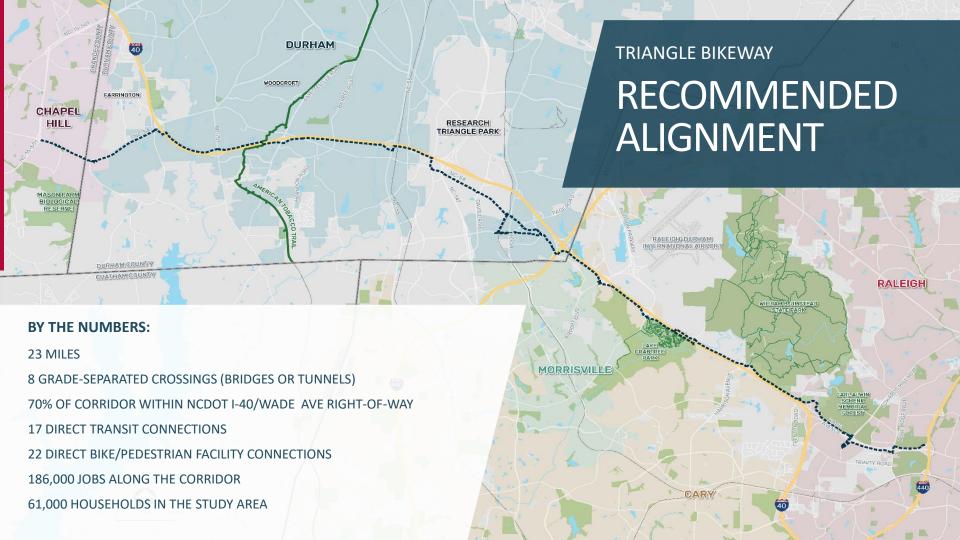


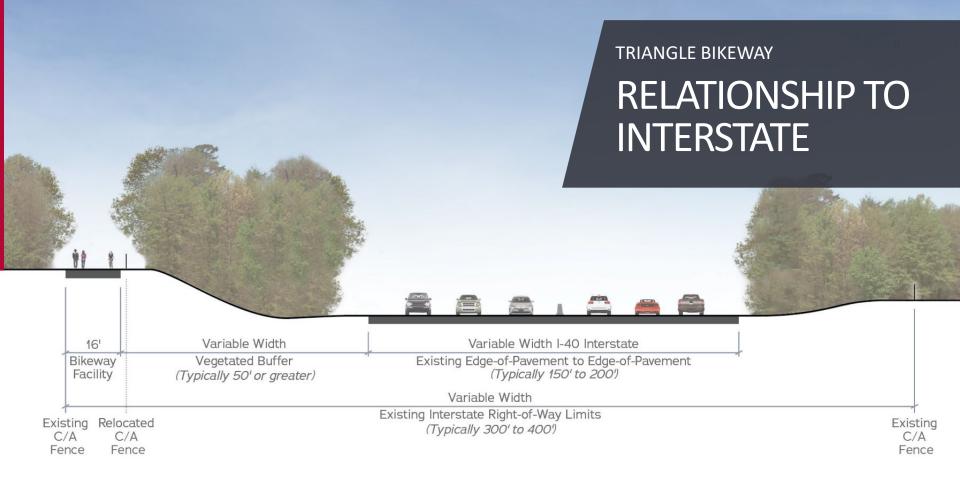
STAKEHOLDER INPUT

Understand interests and concerns from stakeholders throughout the corridor as well as input from the public and the potential impacts on route selection.

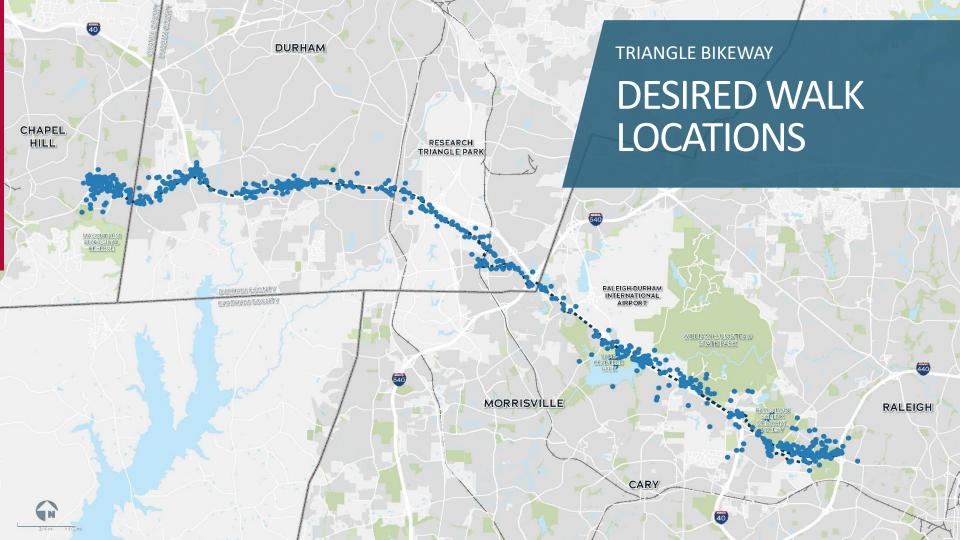


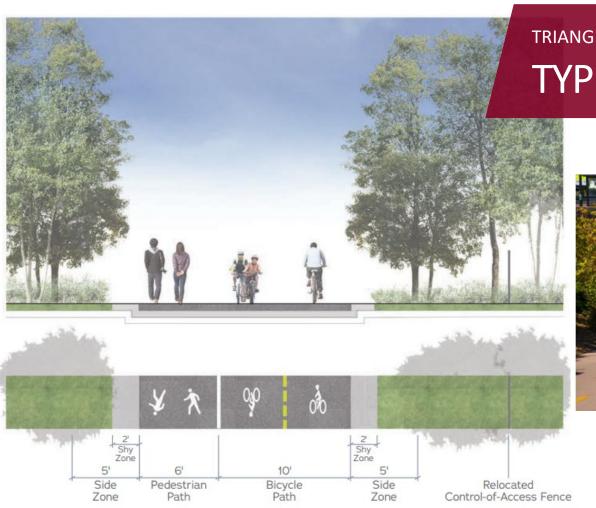












TRIANGLE BIKEWAY

TYPICAL SECTION



NOT A TYPICAL GREENWAY

KEY DIFFERENCES INFLUENCING COSTS:

- > Width of Pavement 12' vs. 16' (33% increase)
- > **Lighting** adds approximately \$225K to \$250k per mile
- > **Grade Separation** existing culverts vs. new tunnels; shorter span bridges for creeks vs. longer span bridges for interstate/other roadways.
- > **At-Grade Crossings** increased # of RRFB, PHB, and phasing/other accommodations at existing traffic signals
- > Maintenance of Traffic increased construction interaction w/ high-volume roadways
- > Fence minimal fence/safety rail vs. C/A fence required for entire length along I-40
- > Pavement Markings minimal vs. required along entire length for separating bikes/peds



CONSTRUCTION ESTIMATES IN TODAY'S DOLLARS

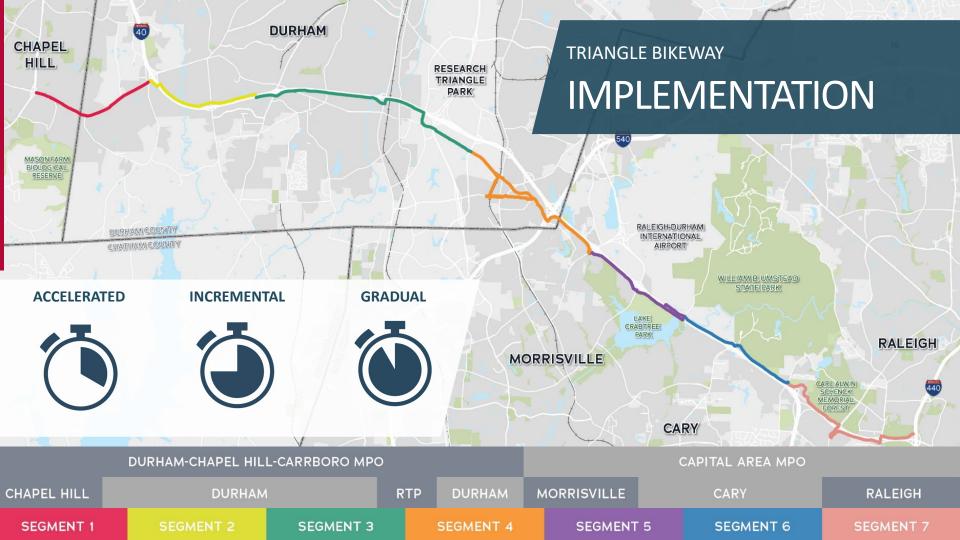
2022 BASE YEAR CONSTRUCTION COSTS:

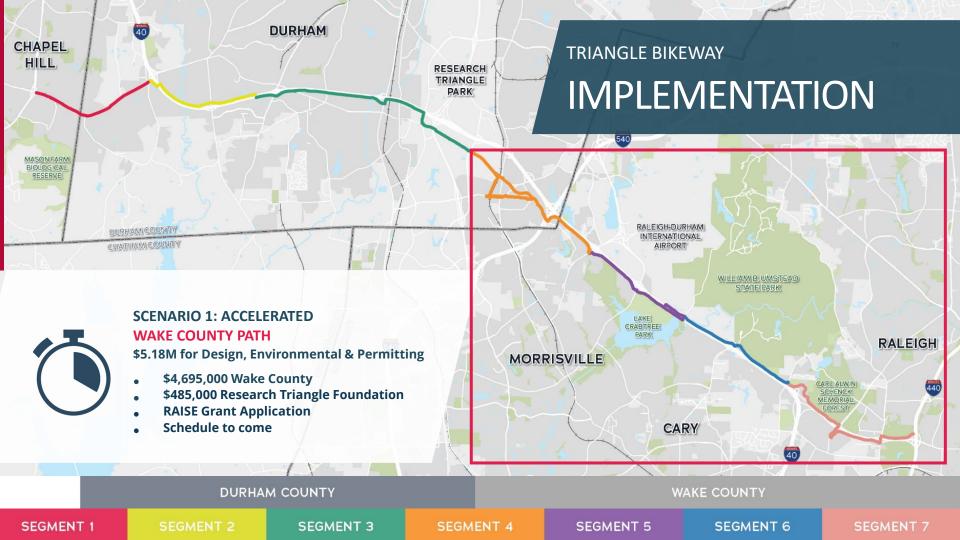
- > **CAMPO Segments** \$45,338,000
- > **DCHC MPO Segments** \$63,173,000

Includes: 12% Construction Engineering and Inspection (CEI) and 20% Project Contingency.

Does not include: Right-of-way acquisition; utility relocations; inflation/escalation; additional planning, permitting, surveying, environmental documentation, or design.







MILESTONES

- ✓ Project included in both CAMPO DCHC MTPs
- ✓ Endorsed by both CAMPO DCHC MPOs
- ✓ Triangle Bikeway Regional Advisory Committee Established
- ✓ TriangleBikeway.com website lives on
- ✓ Wake County Moving Forward on Accelerated Implementation Path







BUILDING THE GREAT TRAILS STATE



Great Trails State Coalition

2023 Legislative Agenda



NORTH CAROLINA IS

THE GREAT TRAILS STATE



- ✓ Vision
- ✓ Community Demand
- √ State Leadership
- **✓** Commitment
- **✓** Funding



- ✓ Vision
- ✓ Community Demand
- State Leadership
- Commitment
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THE GREAT TRAILS STATE COALITION







Image by Piedmont Legacy Trails



Image by NC State Parks



Image by NCDOT

WHO WE ARE

- A broad, diverse coalition committed to bringing the benefits of trails to all of North Carolina nonprofits/local government/industry partners
- All trail types: Hike / Bike / Walk / Run / Paddle / Ride
- All 100 Counties
- State agency partners













LOCAL GOVERNMENT PARTNERS



THE GOAL OF THE COALITION

- Secure sustained state funding for trails
- Brand North Carolina as "The Great Trails State"



2021 Long Session Victories

- **√** 2023 Year of the Trail Designation
- **✓ 29.15 M for the Complete the Trails Fund**
 - only for State Trails and supporting non-profits
 - only for natural surface trails
- **✓ \$2 million for paved trail feasibility studies**
- ✓ Engage one of the best lobbyists in the State
- **✓ Found Allies and Built Partnerships**



2023 Long Session Goals

✓ Establish Great Trails State Fund

Competitive Grant Program

All Types of Trails Eligible

May use to Match Federal Grants

Administered by DNCR

✓ Make one-time \$50,000 to State Trail Non-Profits Recurring



29 NON PROFIT MEMBERS



































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15 INDUSTRY PARTNERS



















alta



Smart Moves

Consulting





AGENCY PARTNERS









ECONOMIC
DEVELOPMENT
PARTNERSHIP of
NORTH CAROLINA







LOCAL GOVERNMENT MEMBERS







Goal: Build the Cities, Towns and Counties for Trails Working Group

WHY JOIN THE GREAT TRAILS STATE COALITION

- ✓ Amplify the call for Great Trails State funding
- ✓ Work together with other Local Governments for trails Trails Peer Group
- ✓ Participate in GTSC Committees (Legislative, Year of the Trail, Recruitment)
- ✓ Help guide trail policy recommendations
- ✓ Coordinate with Non-Profits and Industry to make your voice louder
- ✓ Connect your community to the movement





HOW TO JOIN

It's Easy!

- ✓ Go to www.greattrailsstatecoalition.org
- ✓ Pick the right level of support for your community
 - \$500-\$2,500 or above
- ✓ Designate your participant(s) for Cities, Towns and Counties for Trails
 Working Group













GOALS

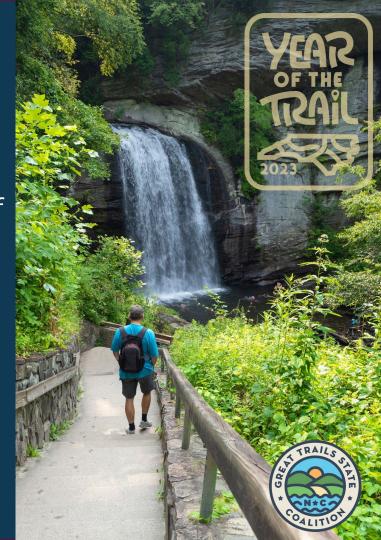
- Inspire people of all ages, abilities, and backgrounds to try trails
- Demonstrate the importance of trails to elected officials
- **Boost outdoor recreation tourism** across the state
- **Promote safe and responsible** use of trails, aligning with Outdoor NC Leave No Trace principles.
- Advance diversity & inclusion on trails.





THE CAMPAIGN

- Engagement and events in all 100 counties
- Website/Social media
- Local **toolkits** for communities with Year of the Trail assets
- Advertising outdoor, radio, print media
- Call for Artists program
- Merchandise
- **PBS NC Partnership** 30-minute documentary titled "Ten to Try" and 10 short trail profiles
- Presenting at conferences
- Measurement and reporting



TOOL KITS

1. Introductory Information

- YOTT Toolkit Fact Sheet
- YOTT Brochure
- Logos, Assets & Brand Usage Guide

2. All About Trails

- What makes a good trail
- Trail Asset Analysis Worksheet

3. Trail User Guides

- Trail Day Planning Checklist
- Leave No Trace (Outdoor NC)

4. How to Host a YOTT Event

 Templates - Event Planning, Volunteer Recognition, Banners, Proclamation template, Event Flier, Event Evaluation

5. Community Engagement Strategies

Communicating trails benefits and ideas and tools for advocating for trails in your community.

 Finished Social Media Assets - Monthly Content Calendars, Canva Templates, Trail Awareness Flier, Editorial templates, Trail story ideas

6. Trail Support beyond 2023

• How to stay engaged with trails in NC and your community and how to become part of the Great Trails State Coalition.

Jan: New Year, New Trails

Inspiration: New Years, resolutions

Potential Focus: finding trails, trail orgs, trail events, trail initiatives, setting goals for the community trails, getting on trail

Feb: Make a Date with a Trail

Inspiration: Valentine's Day

Potential Focus: bring new folks to trail, trail events, volunteer on trails, getting on trail

Mar: Spring into Action

Inspiration: First day of spring

Potential Focus: getting active, health, joining a trail initiative, connecting with legislator, getting on trail

Apr: Celebrate NC Trails

Inspiration: Earth Day/Month

Potential Focus: Volunteer events, celebrating volunteers, learning about environmental

May: Explore NC Trails

Inspiration: NC Trails Act ratified 50th anniversary (22nd)

maintenance, exploring new trails, visioning trail opportunities, getting on trail

impacts of trails, getting on trail

Potential Focus: learn trails history & current oras supporting trail development &

Jun: Out(doors) and About this Summer

Inspiration: Summer

Jul: Celebrate NC Parks

Inspiration: Nat'l Parks & Rec Month may adopt their theme

Potential Focus: promoting trails maintained by local, state, national parks, recreation options on trails, learning about parks in the area, getting on trails

Aug: Wellness & Trails

Inspiration: Nat'l Wellness Month

Potential Focus: trails benefits to health, trails benefits to environment, getting on trails, safety on trails

Sep: Achieve a Trail Goal

Inspiration: back to school

Potential Focus: personal or community goal campaigns, trail advocacy, getting on trails

Oct: Trail Innovators: Past & Present

Inspiration: Grandma Gatewood's birthday (25)

Potential Focus: history of NC trails, learning supporters of trail initiatives in the area, connecting with legislator, becoming a trail innovator, getting on trails

Nov: Show Gratitude for NC Trails

Inspiration: Thanksgiving

Potential Focus: trail events, clean ups, trail advocacy, getting on trails

Dec: Year in Review & Future Aspirations

Inspiration: end of year, end of YOTT



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Heart of North Carolina Visitors Bureau I-73 / 74 Visitor Centers









How to Get Involved

- ✓ Share This Legislative Agenda with your Municipal Lobbyist
- ✓ Complete Our Survey https://www.surveymonkey.com/r/QF6VRTX
- ✓ Pass a Resolution of Support for Year of the Trail
- ✓ Plan Year of the Trail events
- ✓ Join the Great Trails State Coalition
- ✓ Become a sponsor of Year of the Trail





ENGAGE

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Recommendation

1) That the Council adopt Resolution R-8 supporting regional implementation of the Triangle Bikeway

2) That the Council adopt Resolution R-9 in support of joining the Great Trails State Coalition in 2023