

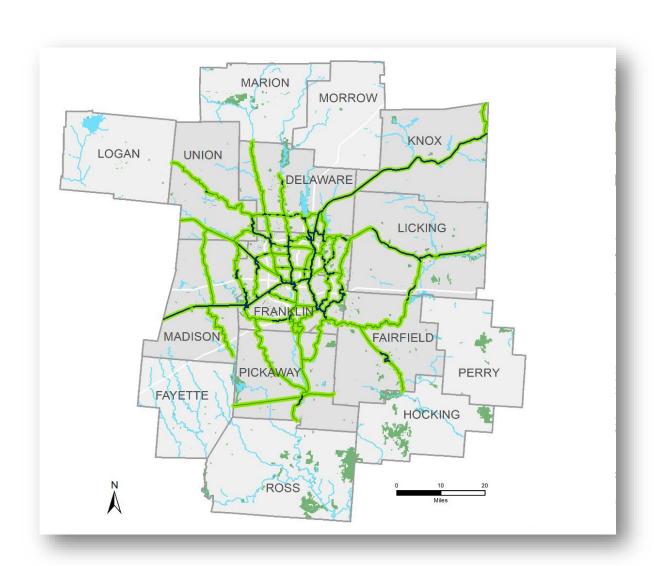
CENTRAL OHIO GREENWAYS Trail Town WORKING GROUP

APRIL 19, 2024





CENTRAL OHIO GREENWAY— Advancing access, connectivity, health, and more



VISION

A world-class network of trails easily accessible to every Central Ohioan

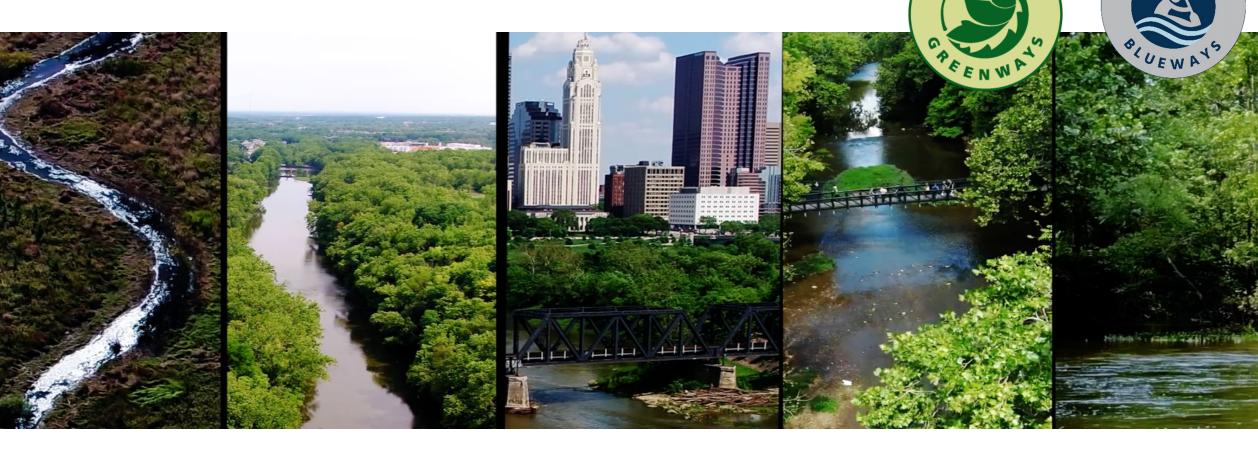
MISSION

Increase Greenways trails mileage and usage for recreation and transportation needs





CENTRAL OHIO BLUEWAYS: opening access to the region's waterways





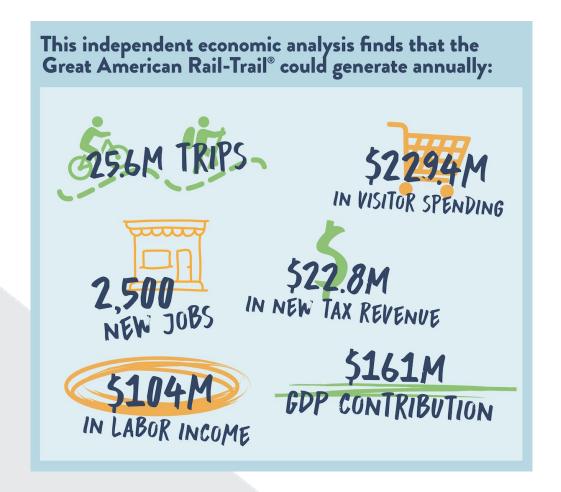


CENTRAL OHIO GREENWAYS: opening access to the Communities



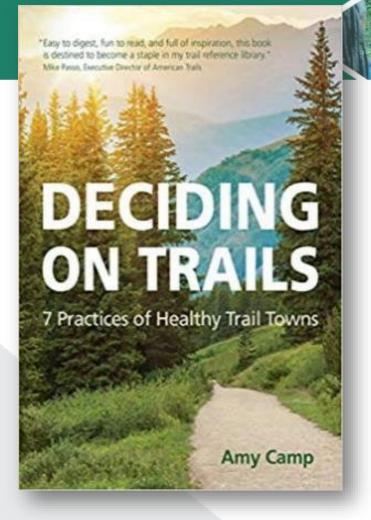


GREAT AMERICAN RAIL TRAIL





TRAIL TOWN FRAMEWORK



A Trail Town is a community through which a trail passes that supports trail users with services, promotes the trail to its residents, and embraces the trail as a resource to be protected and celebrated.

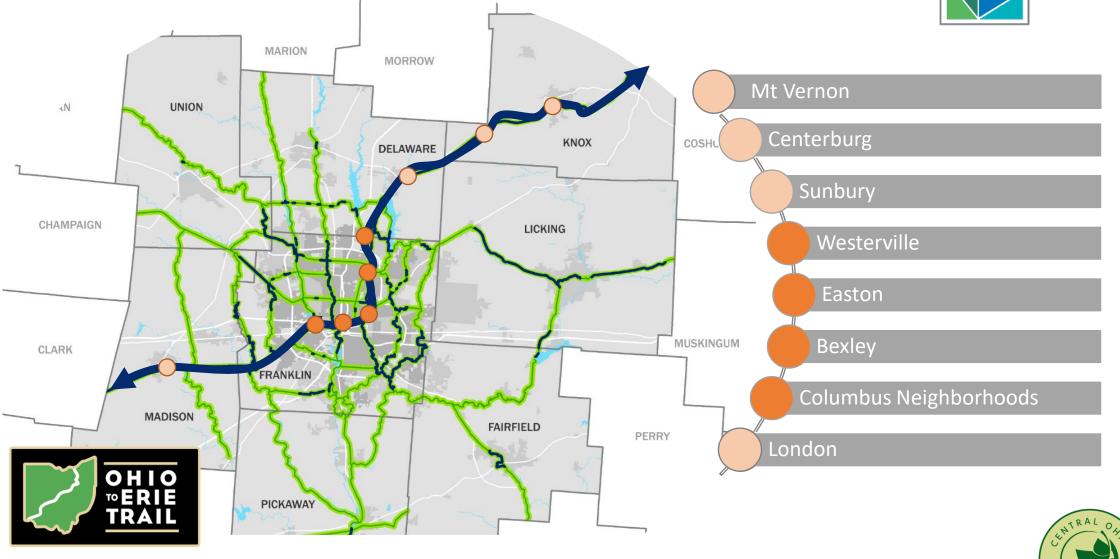
--North Country Trail Coalition (adapted)





"To be a Trail Town is to make the decision to pay attention to trails" – and invest in them.





THE CENTRAL OHIO TRAIL TOWN FRAMEWORK

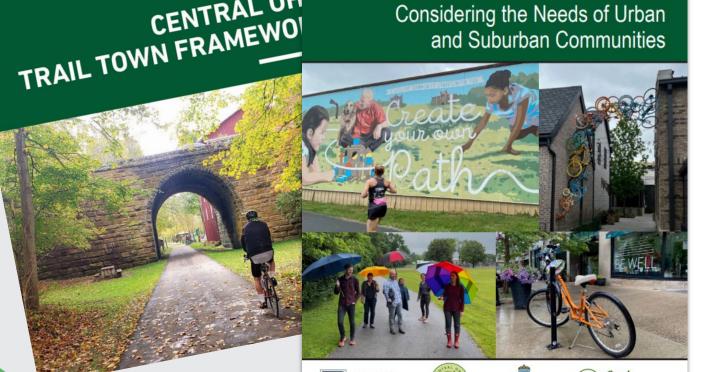
DRAFT AUGUST 2

CENTRAL OH



Central Ohio Trail Town Framework Expansion:

Considering the Needs of Urban and Suburban Communities



Develop a Central Ohio Trail Town Framework and regional initiative that will:

- Support local quality of life by addressing active transportation options for residents
- Make communities more walkable and bikeable to maximize trail user visits and trail user spending.



COMMUNITY ELIGIBILITY





Community & Business Engagement



Economic Catalysts







Eligible Communities

- √ Should be able to accommodate trail users
 with business services
- √ Should be located within 2 miles of a Central Ohio Trail of Regional Significance*
- √ Must declare a commitment to designation as a Trail Town via city or village council
- √Will have to maintain their trail town designation from year to year
- *Should be committed to active transportation infrastructure that allows people to safely walk and bike between the trail and community.





SHORT TERM COMMUNITY IMPLEMENTATION

- Bike Racks & Bike Parking
- Parklets
- Pilot Bike Share
- Bike and pop-up pedestrian lanes
- Wayfinding













Borrow one inside at the front desk!









TRAIL TOWN TOURS – BEXLEY













TRAIL TOWN TOURS – WESTERVILLE













TRAIL TOWN TOURS – EASTON











TRAIL TOWN TOURS – DRIVING PARK AND HANFORD VILLAGE

COG TRAIL COMMUNITIES: KEY FINDINGS





MORPC

1.Addressing the Whole Community

A Trail Town initiative that is managed by MORPC, a regional planning organization, is uniquely positioned to approach trails and communities in a holistic manner.

2. Diverse Community Types Need a Flexible Program

Expanding a Trail Town initiative to include a wider spectrum of community types will result in a program that would need to operate differently than existing efforts to successfully serve participating communities and trail users.

3. A Large Regional & Metropolitan Trail Town Program is a New Frontier

The City of Columbus is significantly larger than most recognized trail communities, putting the Central Ohio Trail Communities Program in the position to demonstrate how a Trail Town initiative can be effective in a large, urbanized area

4. Urban and Suburban Communities Present Unique Opportunities and Challenges

Central Ohio's urbanized communities present both unique opportunities and challenges concerning Trail Town implementation and the trail user experience

5. Participating Community Geographies May be Harder to Define

The boundaries of urban communities may be less defined in dense areas











IMPLEMENTATION CONSIDERATIONS



- Urban Character & Experiential Shifts
- Diversity & Inclusion on Trails
- Housing

This is not the Trail Town program of yesteryear!





LICKING

Ideal Trail User

EXPERIENCE

NATURE BASED PLANNING: collaborative work on local & regional trails

Current Projects Include

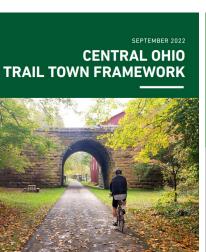
- Trail Towns Framework
- Wayfinding Strategy: Beyond Signage
- Outdoor Trails Pass Experience Columbus
- Central Ohio Blueways
- Mapping Natural Assets



AIGN









The trail user is delighted by a punctuating experience on or near the trail, which may pertain to the art, history, culture, performance, or other unique aspect of a place.

DELAWARE



The trail user is enticed off-trail to partake of local assets and amenities, assured of their ability to find their way back to the trail when they're done.

Feeling SECURE

The trail user is oriented to where they are and where they're going, and confident they can get their basic needs met at any time.



UNION



NEXT STEPS: Collaboration



- >>>> TRAIL TOWN WORKING GROUP
- >>>> TRAIL TOWN PLANS
- >>>> FEDERAL FUNDING and STATE FUNDING





WAYFINDING STRATEGY GUIDE ELEMENTS

GOAL: All Central Ohio Greenways users feel secure, exploratory, and inspired on their journeys.

STRATEGIES

TRAILHEADS

will orient trail users to welcome them with vital

MAPS & SIGNS

will keep trail users moving effortlessly to, from, and along a trail by providing the information they need, at precisely the

TECHNOLOGY

will enable trail users to access current information on

CREATIVE ELEMENTS

will help trail users create mental maps that navigate the trail over

TRAIL **AMBASSADORS**

will be the social support for trail users within trail-adjacent them find their way.

FILTERED THROUGH

WAYFINDING PRINCIPLES

DON'T MAKE ME THINK!

Wayfinding elements will be predictable. consistent, and simple to understand.

KEEP ME MOVING!

Wayfinding elements will be at the proper scale for cyclists, walkers, and those using mobility devices. There will be clarity at all decision points. Trail users will not need to stop for any reason unless desired.

MEET ME WHERE I AM!

Wayfinding elements will feature inclusive design and universal icons that are accessible to all users. They will prioritize the needs of new trail users. and the needs of trail users over providers.

ANTICIPATE MY NEEDS!

Wayfinding elements will provide users with the right information, at the right time, in the right format. Trail users will have the assets they need, when they need them.

MAKE IT MEMORABLE!

Wayfinding elements will include many types of environmental cues, including public art. Memorable places will support the creation of robust mental maps.

HELP ME CONNECT!

Wayfinding elements will allow trail users the opportunity to connect with each other and with communities' people. places, and cultures.

RESULTING IN

TRAILHEADS Chapter 4

TECHNOLOGY Chapter 6

CREATIVE Chapter 7

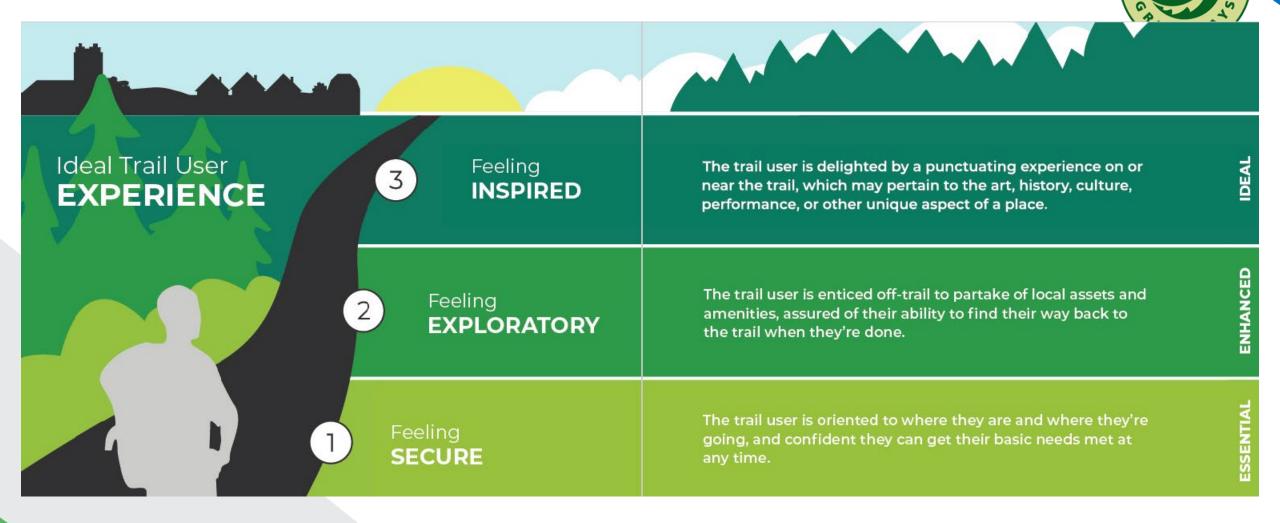
TRAIL AMBASSADORS Chapter 8



TACTICS

MAPS & SIGNS Chapter 5

ELEMENTS



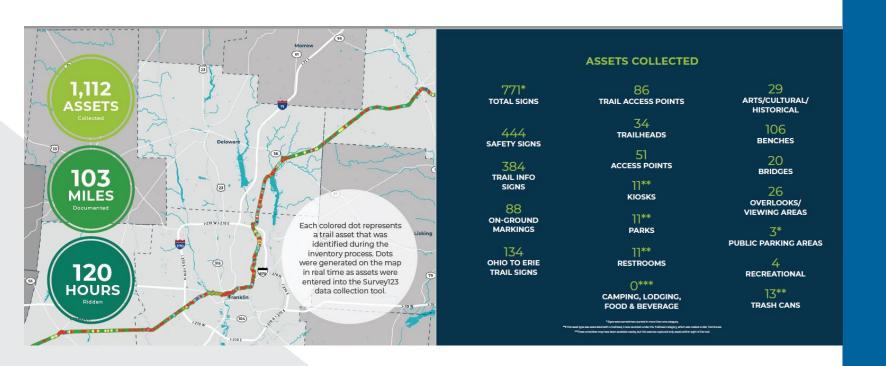




MAKE IT MEMORABLE! WAYFINDING MEET ME WHERE I AM! KEEP ME MOVING! Memorable places will support the **PRINCIPLES** creation of robust mental maps. Wayfinding elements will feature inclusive design and universal icons Wayfinding elements will be at the proper "Wayfinding elements" will include that are accessible to all users. scale for cyclists, walkers, and those using many types of environmental cues, including public art. mobility devices. Wayfinding elements will prioritize the needs of new trail users, and the There will be clarity at all decision points. needs of trail users over providers. With wayfinding defined, it is Trail users will not need to stop necessary to identify the principles for any reason unless desired. that will guide the application of this HELP ME CONNECT! 411111 wayfinding strategy. A quick online Wayfinding elements will allow search for "wayfinding principles" trail users the opportunity to yields many different examples, with DON'T MAKE ME THINK! connect with each other and with ANTICIPATE MY NEEDS communities' people, places, some common themes. The utility Wayfinding elements will be and cultures. of each has been evaluated and Wayfinding elements will provide users with the right information, at the right predictable, consistent, and simple synthesized into the following original to understand. time, in the right format. format. Notably — each principle is Trail users will have the assets they expressed as if spoken by a trail user, need, when they need them. again centering what they need to * PRINTS have an exceptional trail experience.



DATA COLLECTION



An Easy-to-use Asset Collection Tool

Contact MORPC for access to the online form developed to facilitate the Ohio to Erie Trail asset inventory.



FEATURE	ACCESS	TRAILHEAD LEVELS		
REQUIREMENTS	POINTS	BASIC	ENHANCED	PREMIER
Access to Streets & Roadways Information Kiosk/Map Bike Parking Seating Transit Access* Sidewalk Access Restrooms Water Access Placemaking Elements Shelter(s) Facilities Staff Unique Design	•		00000000	00000000000

TRAILHEAD TYPOLOGIES





EXISTING TRAILHEAD FEATURES

Information Kiosk/Map

Bike Parking Seating

Transit Access < 1m

Sidewalk Access

Restrooms

Water Access

Transit Access < .25m Placemaking Element(s)

Shelter(s)

Facilities Staff

Unique Design

○ ○	COCOCOCO COCOCO ROTARY PARK
	0
	◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆ ◆
	000
	S S S KNOX CO VISITORS CENTER
	000
	0000
	•
	000
	S S S S JAMES O. CASTO PARK
00000	•
0 0 0	
000	•
	00
◆ ALUM CREEK	0



86 ACCESS POINTS

34 TRAILHEADS

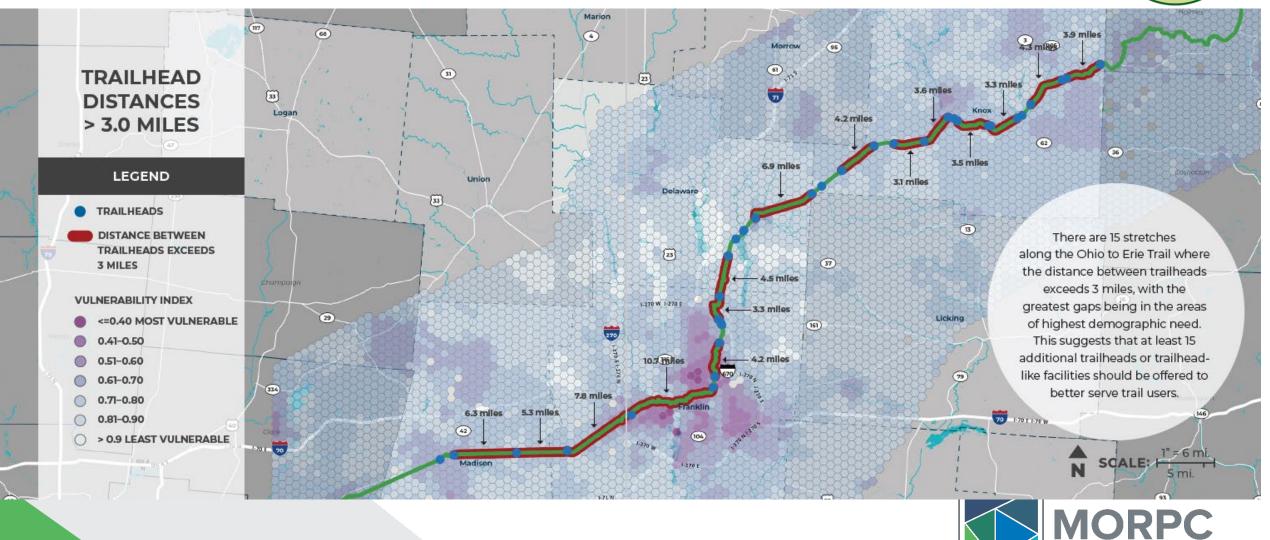
> 7 ASIC

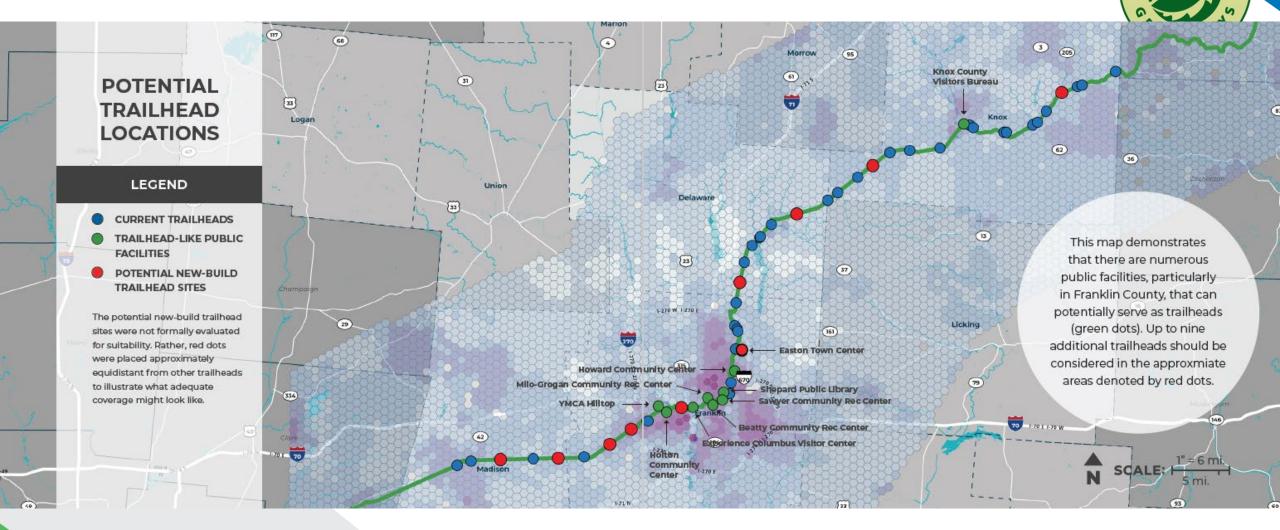
2

ENHANCED

ODEMIE

































HOLLYWOOD

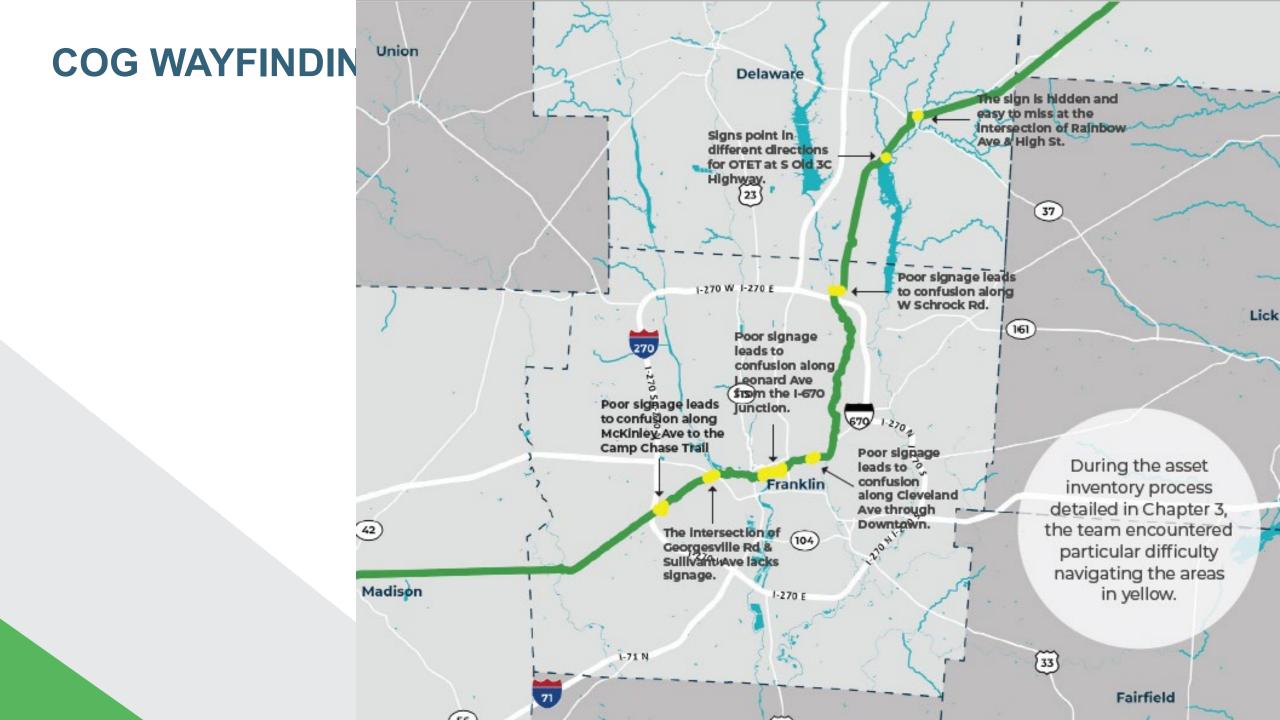


SIGN SYSTEMS ENCOUNTERED











Color System Updates

The COG brand guidelines assign a color to each trail. With the planned expansion of the COG Regional Trail network, the COG color palette must be expanded. This guide identifies four additional colors for new trails. The primary COG green is intended for all minor trails and connecting trails.

TRAIL SYSTEM BASE COLORS



FONTS

Destination

Frutiger Condensed Bold +50 LETTER SPACING

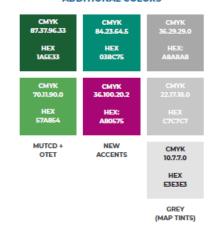
DISTANCE 0.5 mi

Frutiger Condensed +50 LETTER SPACING

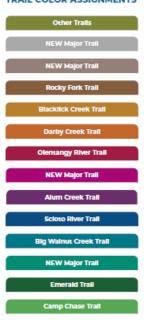
ORIGINAL COLORS

CMYK	CMYK
25.50.100.7	67.95.27.13
HEX	HEX
B8802B	692E6B
CMYK	CMYK
19.69.100.6	100.77.22.6
HEX	HEX
C26629	0A4D85
CMYK	CMYK
26.100.64.17	88.39.38.7
HEX	HEX
ATIC42	00788A
CMYK	CMYK
39.58.79.25	42.46.48.7
HEX	HEX
855E3D	948078

ADDITIONAL COLORS



TRAIL COLOR ASSIGNMENTS











At-Trail Signs & Maps (Continued)

ACCESS POINT IDENTIFIERS

Access Point Identifiers assign a unique identifier to each trail access point so that trail users in need can more accurately report their location to emergency personnel. Access Point Identifiers, whether stickers or metal signs, should be posted on Wayfinding Signs at all trail access points.

TRAILHEAD FACILITY SIGNS

Trailhead Facility Signs identify an official trailhead and quickly inform people of its amenities, hours of operation, and management. Trailhead Facility Signs should be posted on all structures serving as trailheads.

COG WAYFINDING SIGN

COG Wayfinding Signs alert trail users to the trail and routes they are traveling; list up to three off-trail destinations, plus the distances to and amenities available at them; and provide trail sponsor and emergency contact information. COG Wayfinding Signs should be posted in both directions at all trail access points.

FINAL | MARCH 2024



FW



NEW



REVISIONS

REDUCE CONFUSION

Use the logo hat (instead of the route number) for all signs along the Ohio to Erie Trail.

SIMPLIFY & AMPLIFY

Use fewer colors and bigger fonts to reduce visual clutter and allow for easier comprehension.

STREAMLINE

Identify routes the trail is part of with onecolor logos.

ALTERNATE

Put recognition logos on one side of the sign and a map link or emergency contact information on the other.



SIGNAGE RECOMMENATIONS







BRANDED DESTINATION SIGNS

DOWNTOWN COLUMBUS

TO-TRAIL SIGNS





COG/OTE BRAND

COG BRAND

ROUTE CONTINUATION SIGNS





REVISED







COG DIRECTIONAL SIGN



CURRENT

REVISED

COG TRAIL ID SIGN



CURRENT

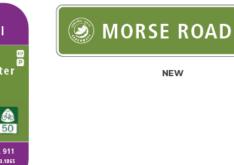
Alum Creek Trail Easton Town Center → 5.0 miles **EMERGENCY CALL 911** Ranger Dispatch: 614.620.1865

INTERACTIVE MAP

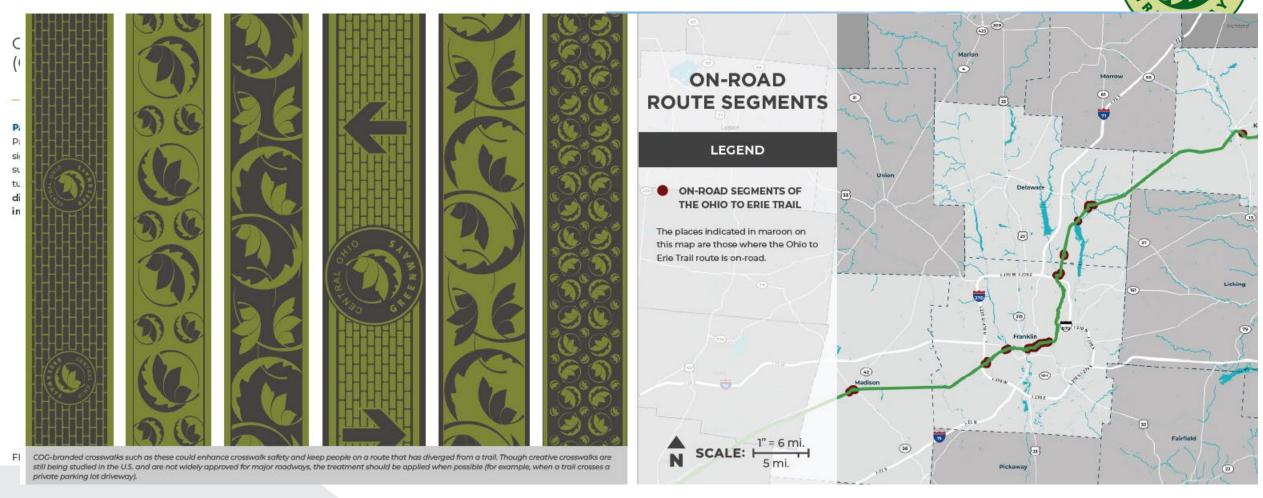
REVISED

NEW

COG ROAD SIGN



CROSSINGS AND ON ROAD SEGMENTS





DETOURS

On-Trail Signs & Markings (Continued)

PAVEMENT MARKINGS

Pavement markings can be used to augment the sign system and reinforce critical trail information, such as cautions, detours, rules, abrupt stops, or tricky turns. Pavement Markings should be used at the discretion of trail managers at sites where additional information would benefit trail users.





FINAL | MARCH 2024







6.0 STRATEGY 3: TECHNOLOGY

Testing a Routing Hypothesis



When trail data — in particular, trail access point data — is missing from the most popular mapping platforms, the bike routes they recommend send people far out of their way. Hoping to remedy this wayfinding challenge along the Ohio to Erie Trail, the team tested the hypothesis that both Google Maps and OSM would provide more direct, trail-based routes if provided current trail access point data.

Trip origin and destination points near trails in the Hilltop neighborhood of Columbus and the rural village of Howard, were selected, and a simple routing query was submitted in OSM (Hilltop) and Google Maps (Howard) to see what happened. In both cases, the team found that trail access points were missing, causing bike routes between two points near the trail to be unnecessarily long and indirect.

The team provided trail access points to both mapping platforms and waited until they were accepted. Afterwards, they resubmitted their routing query and discovered that in both contexts, and with both mapping platforms, routes employed the new trail access points and were much more direct as a result (the maps at right show what this process looked like in Google Maps and OSM). The team then updated OSM and Google Maps with all 18 missing trail access points along the Ohio to Erie Trail, as shown on the next page.





Mapping Trail Amenities

Having experienced success at improving bike routes with trail access points, the team reached out to Google with additional trail data to see if they would use it as well. This included all trailheads, their location (latitude and longitude) and amenities, and a link to COG's website. This was submitted as a Points of Interest.csv file, as per Google's requirements for data sharing.

Though Google rejected the amenities data, they accepted the remainder of what was submitted. This means that all 34 Ohio to Erie Trail trailheads within the project scope now appear on Google Maps with their name and precise location, a photo, and a link to centralohiogreenways.com.



NAYFINDING STRATEGY GUIDE FOR THE CENTRAL OHIO GREENWAYS

Using Creative Elements as Wayfinding

CURRENT CONDITIONS

There are 13 creative elements visible from this 120-mile trail segment. They are all outstanding, and form the backdrop to many Ohio to Erie Trail selfies, but long stretches of the trail have no artistic elements at all. Some stakeholders have even called the trail "boring." There is a strong demand for more creative elements along the Ohio to Erie Trail through Central Ohio.

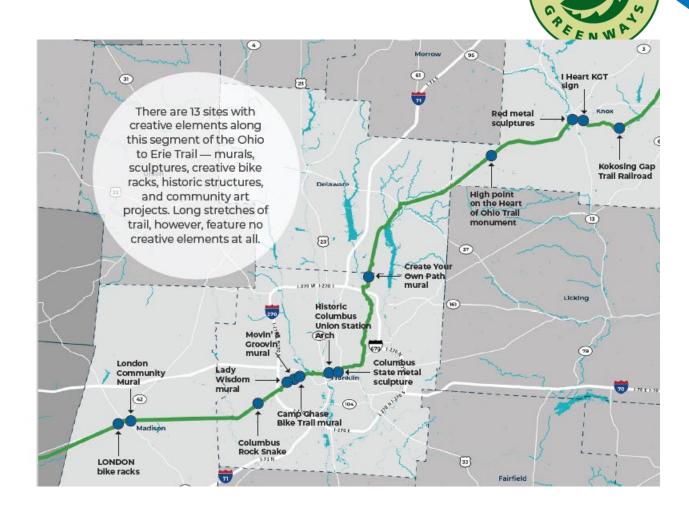
How do we market how great Knox County is? How do we elevate current spaces to make them must-stop destinations?

JEFF GOTTKE

President

Knox County Area Development Foundation











Chapter 8 Takeaways

ı

IDENTIFY OUTREACH PARTNERS.

Determine who is already doing the work of outreach to Trail Ambassadors, or who is best positioned to take it on, and invite them to participate in a broader, more coordinated effort.

2

CREATE A TRAIL AMBASSADORS NETWORK.

Invest in strategies that develop Trail Ambassadors' capacity to engage trail users, in particular shared opportunities for education, networking, and resource development. 5

HELP ESTABLISH THE CENTRAL OHIO TRAIL TOWNS PROGRAM.

Support MORPC's efforts to develop a Trail Town program and help spread the word about it.



WAYFINDING STRATEGY GUIDE FOR THE CENTRAL OHIO GREENWAYS

Trail Counter Placement Guidelines

Collecting trail count data to evaluate wayfinding interventions is foremost a matter of selecting appropriate locations at which to install the counters. MORPC has funding to install nearly 27 new permanent trail counters throughout the region. These may replace or supplement outdated count technology now deployed in 24 locations throughout the network.

MITIGATING INTERFERENCE

Proper trail counter siting entails, first, ensuring sensors are not subject to interference by flooding or snowfall, power lines, non-trail traffic, congregating trail users, geographic features, or other disruptive/obstructive elements. Trail count data should be monitored to identify sites registering abnormally low or high trail use, so counter issues can be quickly resolved.

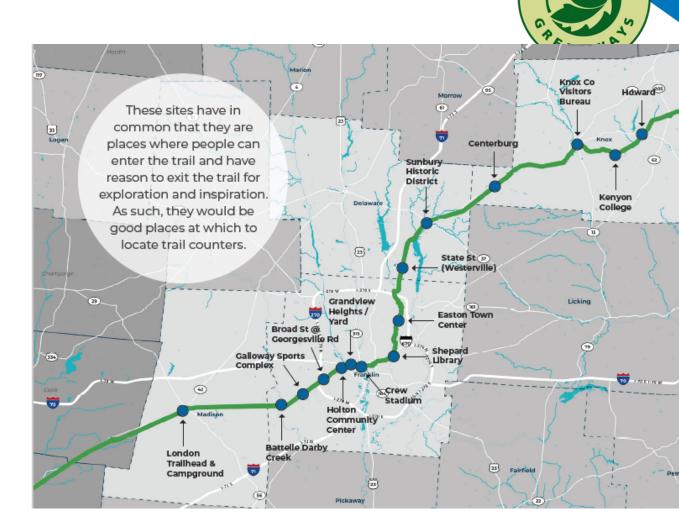
ASSESSING WAYFINDING

To evaluate wayfinding-related impacts on trail use, trail counters should be placed at trail access points, preferably those with major residential developments and/or activity centers nearby — i.e., places with people who can come and go, and reasons for them

to do so. Siting them at these locations can facilitate assumptions about the success of directional interventions in helping people locate, exit, and/or successfully make their way back to a trail.

AVOIDING DOUBLE-AND NO-COUNTS

There are generally two styles of trail access points. Some trail access points are T-shaped, with a single entry point perpendicular to the trail. These can, in theory, have one counter that tracks people entering and exiting the trail, if it can be placed far enough from the corners to avoid counting them both as they approach and after they turn, and far enough from any crowds that may congregate. If this is not possible, counters will need to be placed on either side of the entry runway to capture people going in either direction. Other trail access points are long stretches that run parallel to a trail (for example, those alongside a parking lot or event plaza). These will always require two counters placed at the far edges of where people can enter the trail, to register people headed in either direction but not random, non-trail activity.





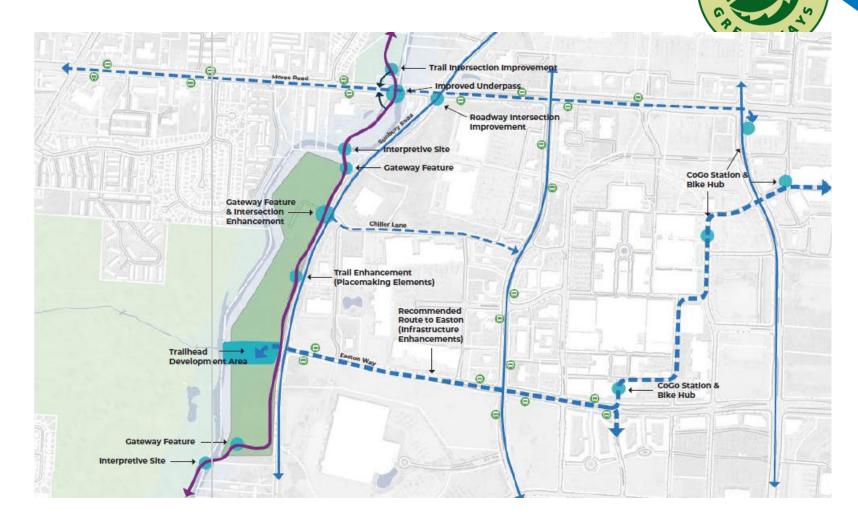
DATA COLLECTION

A WAYFINDING STRATEGY GUIDE FOR THE CENTRAL OHIO GREENWAYS

The Easton Trailhead Master Plan

Many sites along the Alum Creek Trail and within the Easton Town Center shopping area, as well as a major route between the two, were selected for wayfinding interventions in this plan. The blue dots on this map highlight where these improvements are recommended. The following pages show renderings of what each site could look like, and what the experience of encountering them might be, as a trail user travels from south to north, taking an excursion to Easton along the way.







TRAILHEAD TYPOLOGIES

A WAYFINDING STRATEGY GUIDE FOR THE CENTRAL OHIO GREENWAYS

Case Study Area Signage Recommendations

Most of the sign typologies delineated in Chapter 5 would be used to adequately sign the Alum Creek Trail and Easton Town Center.

TRAIL ID SIGNS

Two Trail ID signs placed just after Morse Rd and Innis Rd would note the distance to Easton Trailhead.

ROAD SIGNS

The Morse Rd and Innis Rd underpasses would have road signs posted on both sides of the bridges.

TRAILHEAD FACILITY SIGNS

The Easton Trailhead's main structure would post the trailhead facility sign on both sides, to be visible from the rear parking lot and from Sunbury Rd.

WAYFINDING SIGNS

Two Wayfinding signs, one facing north and the other facing south as trail users leave Easton Trailhead, would provide the distance to several destinations each.

MAP & INFORMATION KIOSKS

Map kiosks would be positioned at the trailhead and also at each Bike Hub location throughout Easton. A digital information kiosk idenitical to those featured throughout Easton Town Center could be placed at the trailhead to provide information on routes to and from the shopping center, where to park bikes during an excursion there, what amenities are available, safety tips, programming alerts, the COG network more broadly, transit stops and schedules, and more.

TRAIL ACCESS SIGNS

Signs along Easton Way, particularly at the intersections of Morse Crossing, Easton Loop W, Easton Square PI, Chagrin Dr, and Brighton Rose Way, would alert Easton guests of the nearby Alum Creek Trail access.

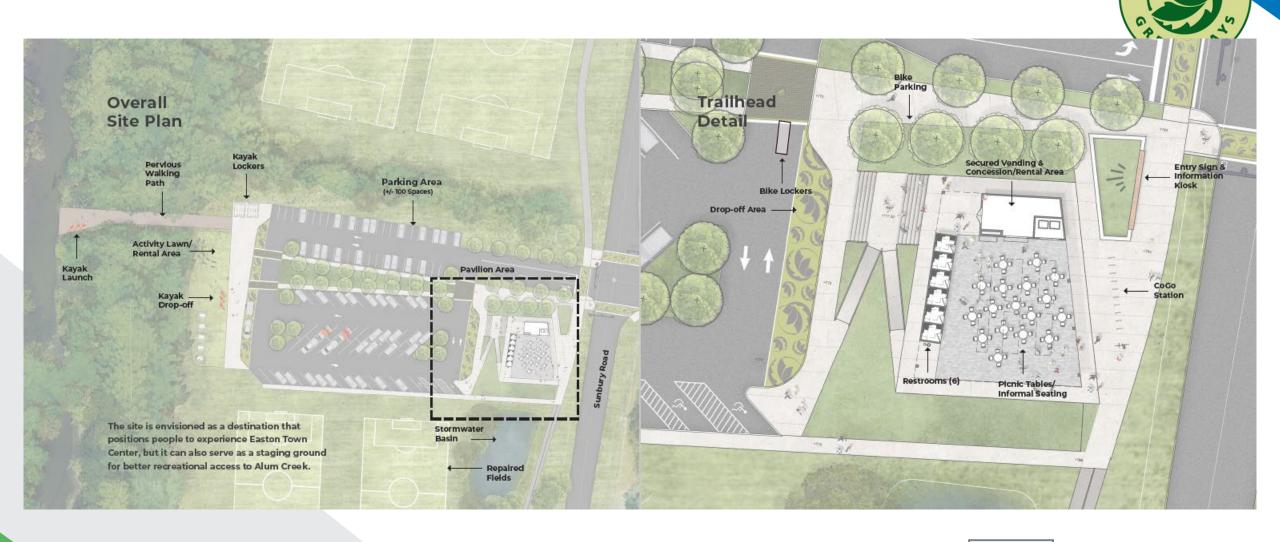














A WAYFINDING STRATEGY GUIDE FOR THE CENTRAL OHIO GREENWAYS

Trailhead Placemaking Recommendations

Placemaking is the task of making a place where people want to be. It is designing a space in which people have things to do, meaningful experiences, and opportunities to see and be seen. Easton Town Center has a reputation for excellence in placemaking, which would no doubt extend to a new trailhead and its grounds. Key placemaking elements in this plan include the artfully designed, multi-functional trailhead shelter; the public art and other creative amenities; the various seating options; the mix of activities to enjoy nearby (soccer, bicycling, roller blading, walking, and kayaking); the creative pavement markings and unique finishings; and the interpretive elements to augment trail users' experience of nature as they cross both gateway bridges. People linger in places like this. They find excuses to visit places like this. They remember places like this - so they can find their way back more readily next time. The Easton Trailhead, as depicted here, is precisely the type of memorable place a premier trailhead is intended to be.





FINAL | MARCH 2024













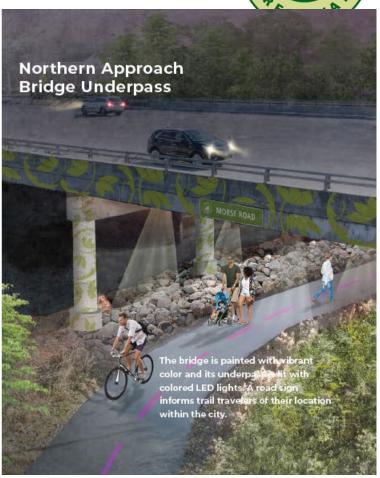














SIGNAGE RECOMMENATIONS





DETOURS













Trail Town Website Development



Trail Town Website Development

GOALS

- 1) Develop a captivating Trail Town Website experience.
- 2) Prioritize intuitive design for seamless user navigation.
- 3) Showcase essential amenities and must-visit destinations prominently.
- 4) Enhance online marketing visuals to amplify the COG Brand.

Anything else should we prioritize in the Trail Town website?





Examples of Successful Trail Town Websites









Florida Trail Town Website



Collection

Florida Trail Towns

A collection of Story Maps highlighting Florida Trail Towns, from the Florida Department of Environmental Protection's Office of Greenways and Trails.



1 Dunedin: A Florida Trail Town



2 Coast-to-Coast Trail



3 Downtown Gainesville - Trail Town



Titusville: A Florida Trail
Town



5 Malabar: A Florida Trail Town



6 Vilano Beach: A Florida Trail



Palatka: A Florida Trail Town



8 Clermont: A Florida Trail Town

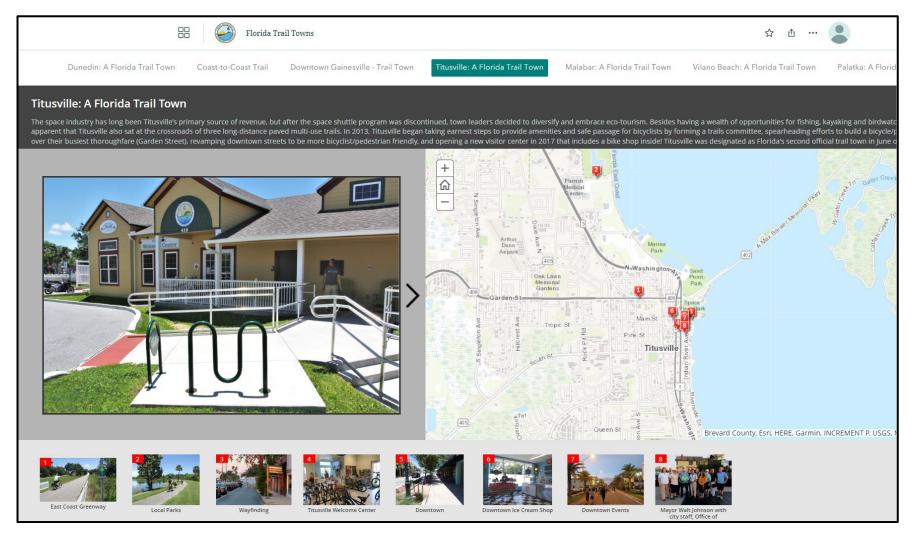


Deltona: A Florida Trail Town

- A collection of Story Maps for each Trail Town using ArcGIS Story Map Platform.
- Once clicked, you're
 redirected to a page for that
 town with relevant
 information and destinations.



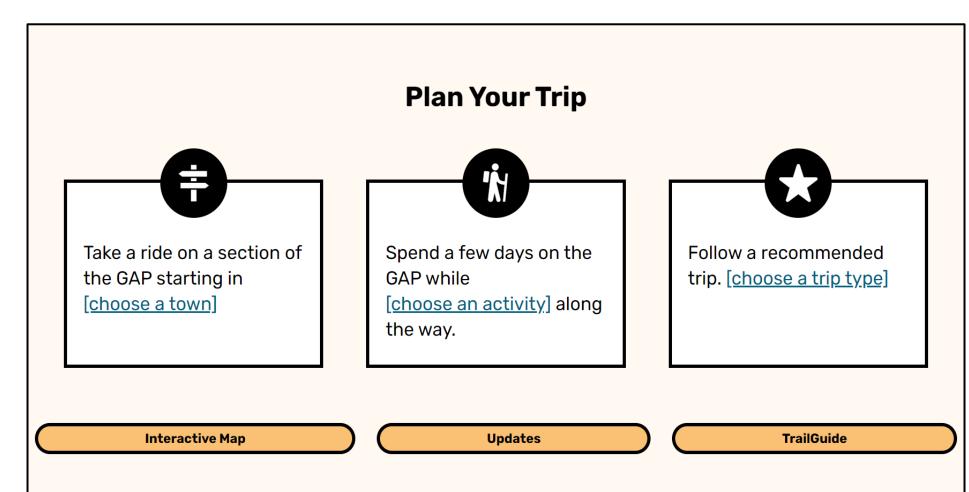
Florida Trail Town Website cont.



- Has a tab at the top so you
 can switch between different

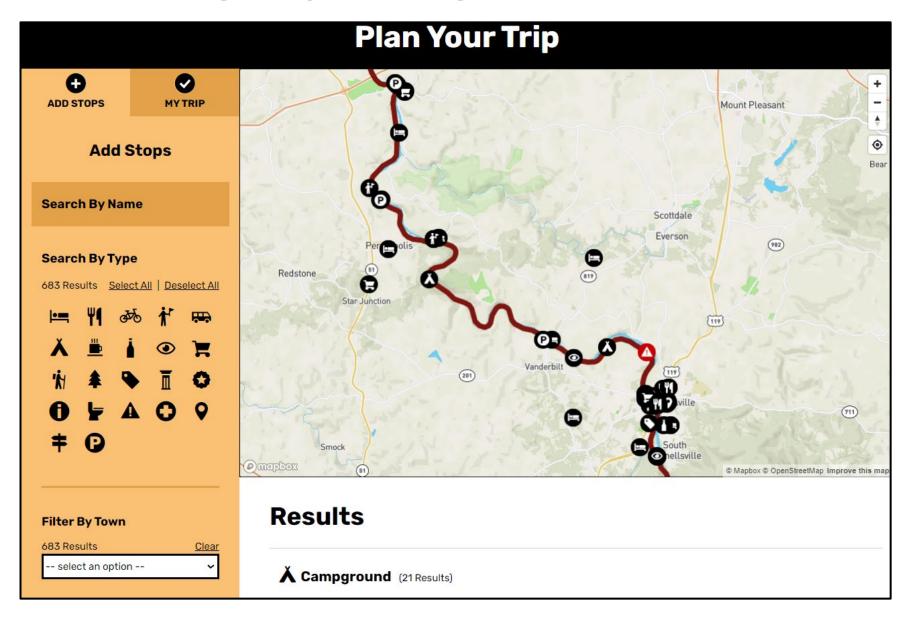
 Trail Town Story Map pages.
- An interactive map in the middle with destinations marked.
- Each destination is clickable,
 bringing up a tab with more information.

Great Allegheny Passage Trail Town Website



- The Gap website has a wealth of resources with itineraries, trip planning guides, and trail reports.
- We'll be focusing on their interactive map as an example.
- Their interactive map uses the Mapbox platform.

Great Allegheny Passage Trail Town Website pt.2



- Shows amenities and destinations along the trail with simple iconography.
- Provides a variety of filters and shows any closures.
- Can add destinations into a trip which allows for easy planning.

So, We've Been Experimenting With How We Could Do This



Collection

Central Ohio Greenway's (COG) Trail Towns

A collection of Story Maps highlighting COG's Trail Towns along its regional trails

Mid-Ohio Regional Planning Commission

Get started







Big Walnut Creek Trail



3 Blacklick Creek Trail



4 Camp Chase Trail



Darby Creek Trail



6 Ohio to Erie Trail



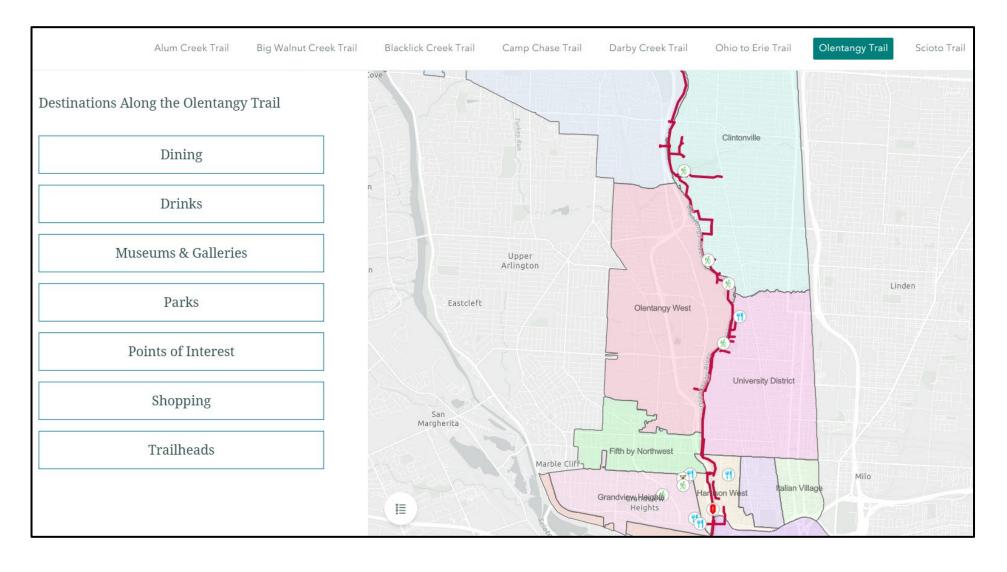
Olentangy Trail



8 Scioto Trail

- Similar landing page to the Florida Trail Towns
 Website
- With each Story Map being a COG Trail

An Example for the Olentangy Trail



- The Olentangy Trail,
 Adjacent Communities,
 and Points of Interests
 are shown.
- With tabs on the side to filter by destination type, like the GAP.
- 3) Again, this was just to test functionality!

Open Discussion

Next Steps for the COG TRAIL TOWN WORKING GROUP: DRAFT IDEAS

- 1) Improve the COG Trail User Map
 - 1) Placemaking
 - 2) Community Engagement
 - 3) Experience Columbus Outdoor Trails Pass
- 2) COG Interns and other community interns to implement the COG Wayfinding Strategy

