Technical Assistance Program Update

TAC Meeting
October 5, 2022

MID-OHIO REGIONAL
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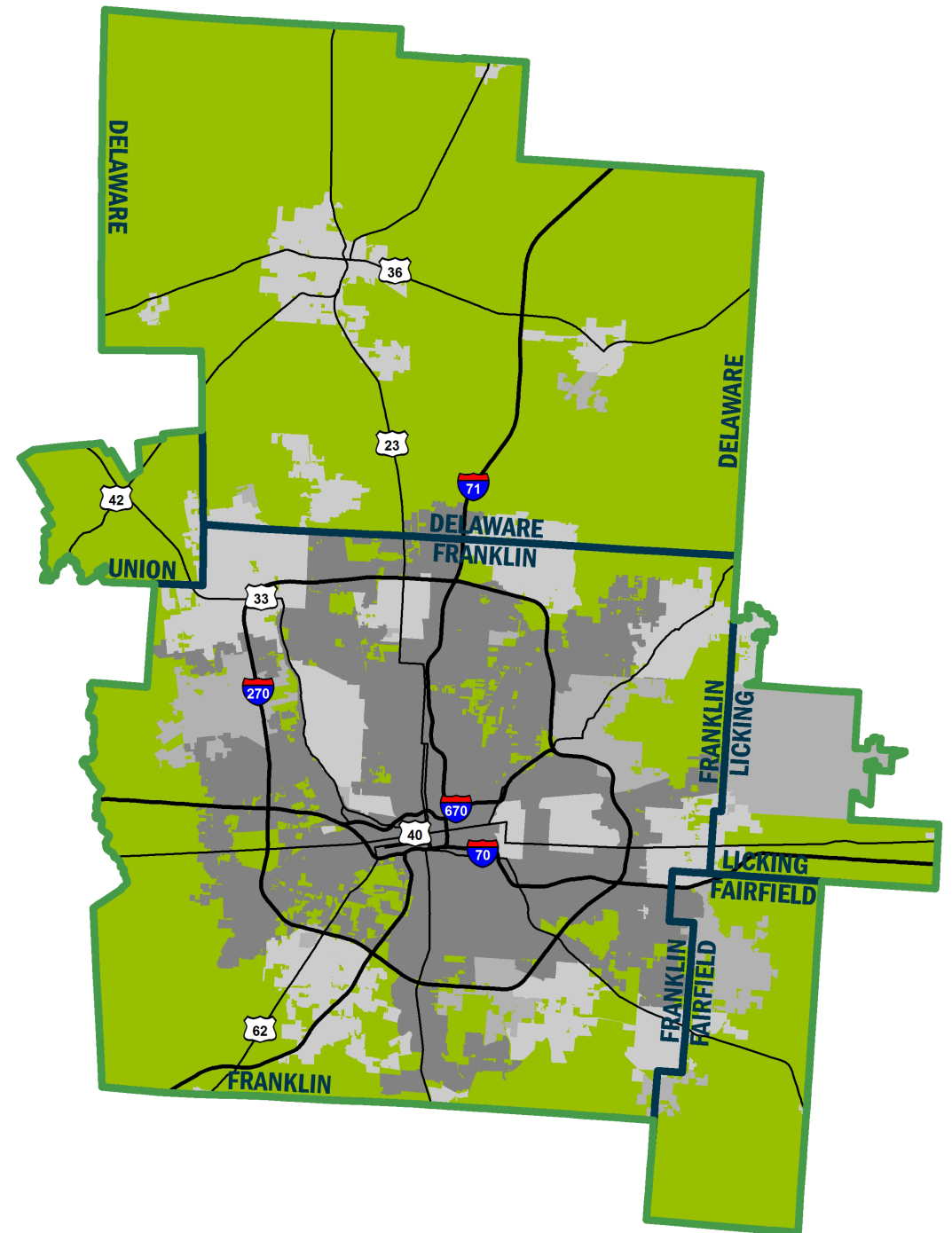PLANNING COMMISSION

Agenda

- Technical Assistance Program Overview

- Cycle 2 Project Wrap-Up (2022 Program)
    - Columbus & Franklin County Metro Parks
    - City of Sunbury
    - City of Columbus
    - City of Dublin

- Cycle 3 Preview (2023 Program)
    - Activity Types
    - Important Dates

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Program Overview

- Technical Assistance Program (TA Program) **provides MORPC staff assistance** to local government members within the Metropolitan Planning Organization (MPO)

- Community-based **planning services that advance the goals in the MTP** through implementation of specific MTP strategies

- **Awarded through a competitive application process**, evaluated by committee

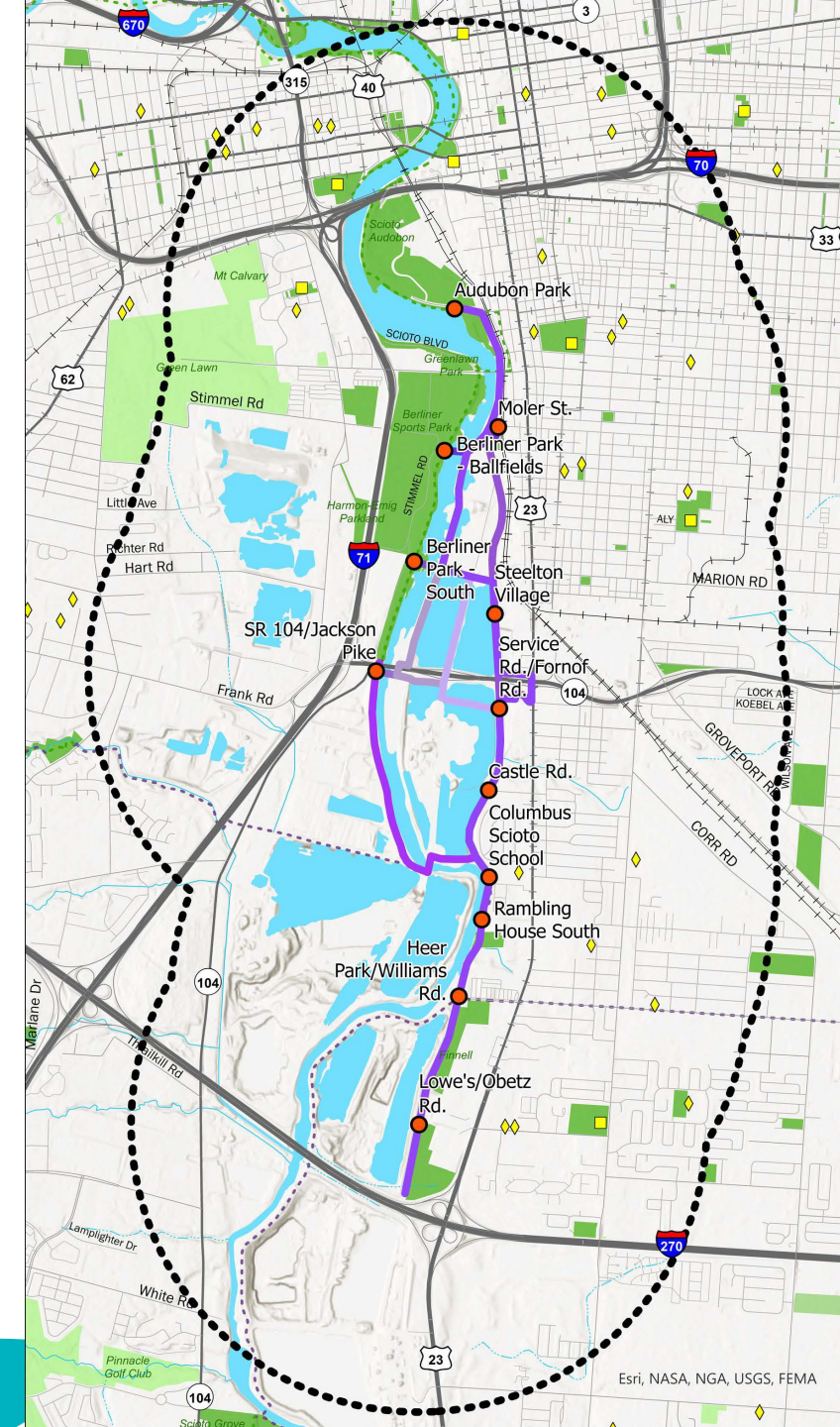- Services **completed within 6-9 months**

2022 Program Services

Applicant Agency	Requested Activity	Focus Area
Franklin County Metro Parks	Central Ohio Greenways Vision Refinement	Scioto Trail Southern Extension
City of Sunbury	Central Ohio Greenways Vision Refinement	Ohio to Erie Trail Access and Connectivity
City of Columbus	Central Ohio Greenways Vision Refinement	Downtown Trail Access and Connectivity
City of Dublin	Central Ohio Greenways Vision Refinement	Cross-Jurisdictional Trail Access and Connectivity

Metro Parks – Scioto Trail Extension

- Stakeholder Engagement
  - Focused, individual conversations to identify feasible routes
    - Columbus Rec & Parks
    - Ohio Department of Natural Resources
    - Ohio Department of Transportation
    - AEP
    - COG Board & Trail Development Working Group
  - 19 alternatives based on barriers, suitable properties, and potential access points
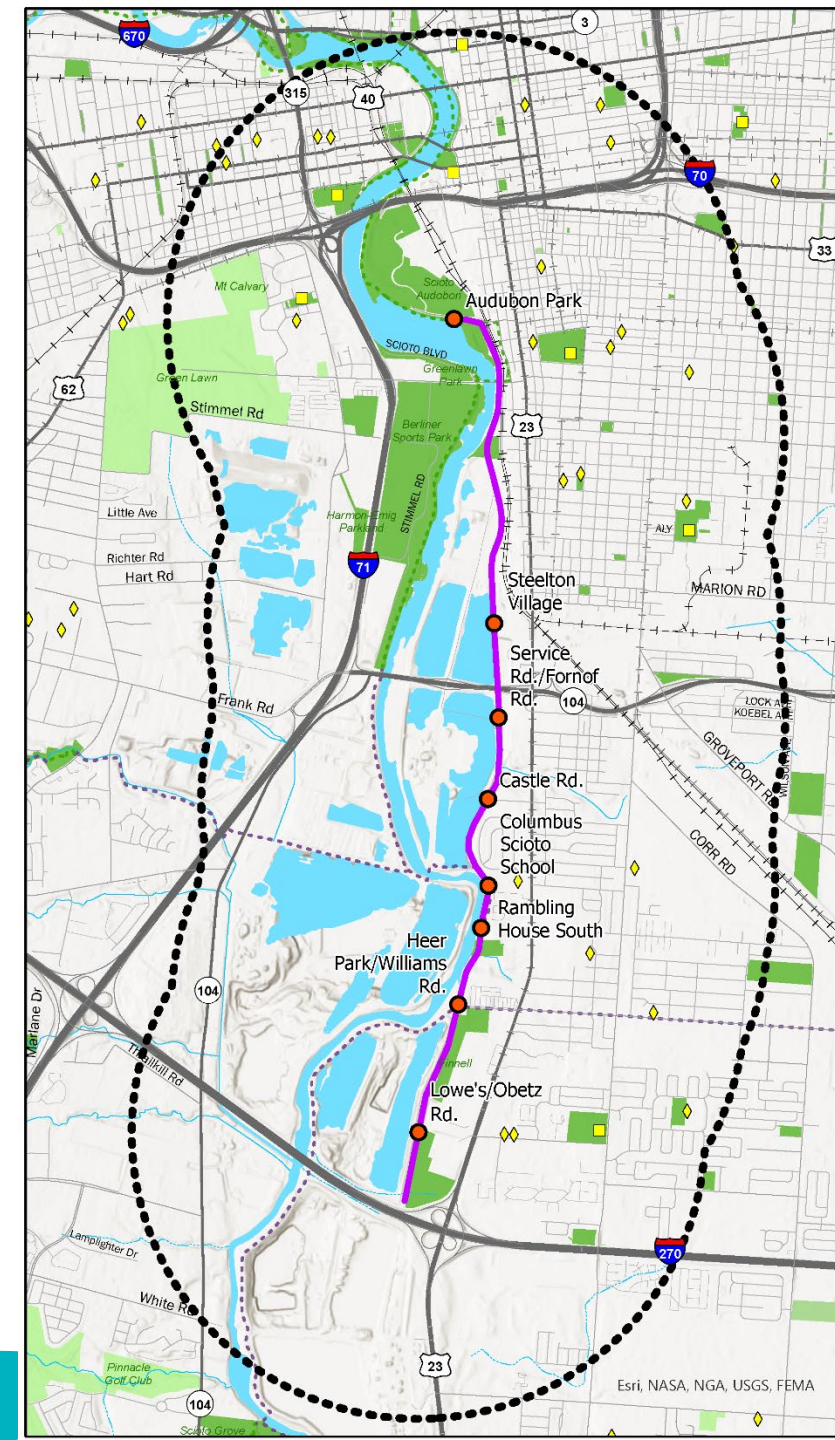
Metro Parks – Scioto Trail Extension

- Alternatives Analysis
  - Spreadsheet-based tool
  - Weighted evaluation criteria
- Analysis Criteria
  - Accessibility by Residents
  - Connectivity to Destinations
  - Constructability
  - Trail User Experience
  - Environmental Impacts

Scioto Trail Extension Alternatives Analysis - Raw Inputs	Underpass of SR 104; river crossing south of SR 104	Original COG Alignment on west bank of Scioto	East bank of Scioto; north river crossing; underpass of SR 104	East bank of Scioto; central river crossing; underpass of SR 104	East bank of Scioto; north river crossing; underpass of SR 104; Moler St. connector	Haul Rd.; north river crossing; widened Haul Rd. underpass of SR 104	Haul Rd.; central river crossing; widened Haul Rd. underpass of SR 104
Accessibility by Residents	*Alignment 1*	*Alignment 2*	*Alignment 3A*	*Alignment 3B*	*Alignment 3C*	*Alignment 4A*	*Alignment 4B*
Number of potential trail access points	7	5	7	7	8	7	7
Total number of residents (within 1.5 miles)	43,438	43,436	53,147	48,535	60,118	53,147	48,535
Percent of households with no vehicle access	8.5%	8.2%	10.8%	9.0%	11.5%	10.8%	9.8%
Percent of residents >65 years old	12.3%	12.5%	12.8%	12.3%	12.4%	12.8%	12.9%
Percent of residents below poverty line	18.3%	17.7%	19.7%	18.8%	21.1%	19.7%	20.3%
Percent of minority residents	24.6%	24.3%	26.4%	25.1%	31.6%	26.4%	26.2%
Connectivity to Destinations	*Alignment 1*	*Alignment 2*	*Alignment 3A*	*Alignment 3B*	*Alignment 3C*	*Alignment 4A*	*Alignment 4B*
Number of jobs	20,147	19,218	28,078	24,175	30,621	28,078	21,711
Number of schools and community centers	12	9	21	15	22	21	15
Number of transit stops	79	73	140	96	177	140	96
Connections to existing and planned trails	High	High	Medium	Medium-High	Medium	Medium	Medium-High
Parks and open space	Medium	Medium-Low	Medium-High	Medium-High	Medium-High	Medium	Medium
Potential to support trail-oriented development	Medium	Low	Medium	Medium	Medium	Medium	Medium
Constructability	*Alignment 1*	*Alignment 2*	*Alignment 3A*	*Alignment 3B*	*Alignment 3C*	*Alignment 4A*	*Alignment 4B*
Estimated construction cost (do not edit; see Reference tab)	$16,198,000	$9,985,300	$19,134,700	$17,009,200	$19,633,900	$18,748,600	$16,623,100
Total length of new trail alignment (ft)	18,200	17,270	24,480	21,530	25,760	23,490	20,540
Number of landowners and leaseholders impacted	4	4	5	4	5	5	4
Impacts to existing roadways	Medium-Low	Low	Medium-Low	Medium-Low	Medium-Low	Medium-High	Medium-High
Length of river crossing (ft)	600	0	650	550	650	650	550
Reuse of existing infrastructure	Low	High	Medium	Medium-Low	Medium	Medium-High	Medium
Trail User Experience	*Alignment 1*	*Alignment 2*	*Alignment 3A*	*Alignment 3B*	*Alignment 3C*	*Alignment 4A*	*Alignment 4B*
At-grade roadway crossing conflicts	Medium	Low	Medium	Medium	Medium	High	High
Traffic volumes of adjacent roadways	Medium	Low	Medium	Medium	Medium	High	High
Level of scenic views	Medium-High	High	High	High	High	Medium-High	Medium
Trail visibility	Medium-High	Low	Medium-Low	Medium-Low	Medium-Low	Medium-High	Medium-High
Directness of route	High	High	Medium-High	Medium-High	Medium-High	Medium	Medium
Environmental Impacts	*Alignment 1*	*Alignment 2*	*Alignment 3A*	*Alignment 3B*	*Alignment 3C*	*Alignment 4A*	*Alignment 4B*
Length of trail within floodplain (ft)	18,200	9,350	18,660	18,800	18,660	20,670	20,800
Number of stream crossings	1	1	1	1	1	1	1
Scioto River impacts	High	Low	Medium-Low	Medium-High	Medium-Low	Medium-Low	Medium-High
Potential vegetation impacts	Medium	Low	Medium-High	Medium	Medium-High	Medium	Medium-Low
Proximity to hazardous waste	Low	Low	Medium-Low	Low	Medium-Low	Medium-Low	Low

Metro Parks – Scioto Trail Extension

- Implementation
  - Preferred alignment identified
  - Additional stakeholder & community engagement
  - Funding applications
  - Preliminary engineering
  - Potential for phasing implementation

Sunbury - Ohio to Erie Trail Access & Connectivity

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NEEDS ASSESSMENT

- **Existing Conditions Analysis**
  - Existing and Proposed Multi-Use Paths
  - Roadway Improvement Plans
  - Places of Interest for Connections
  - Developable Lands / Future Development Potential

- **Challenges and Opportunities**
  - Gaps in the Trail / Alignment with COG Vision
  - Major Corridors and Levels of Traffic Stress (LTS)
  - Existing Routes for Points of Interest
  - Bicycle/Pedestrian Crash History (2017 to 2021)
  - Barriers to Connectivity

- **Site Visit**
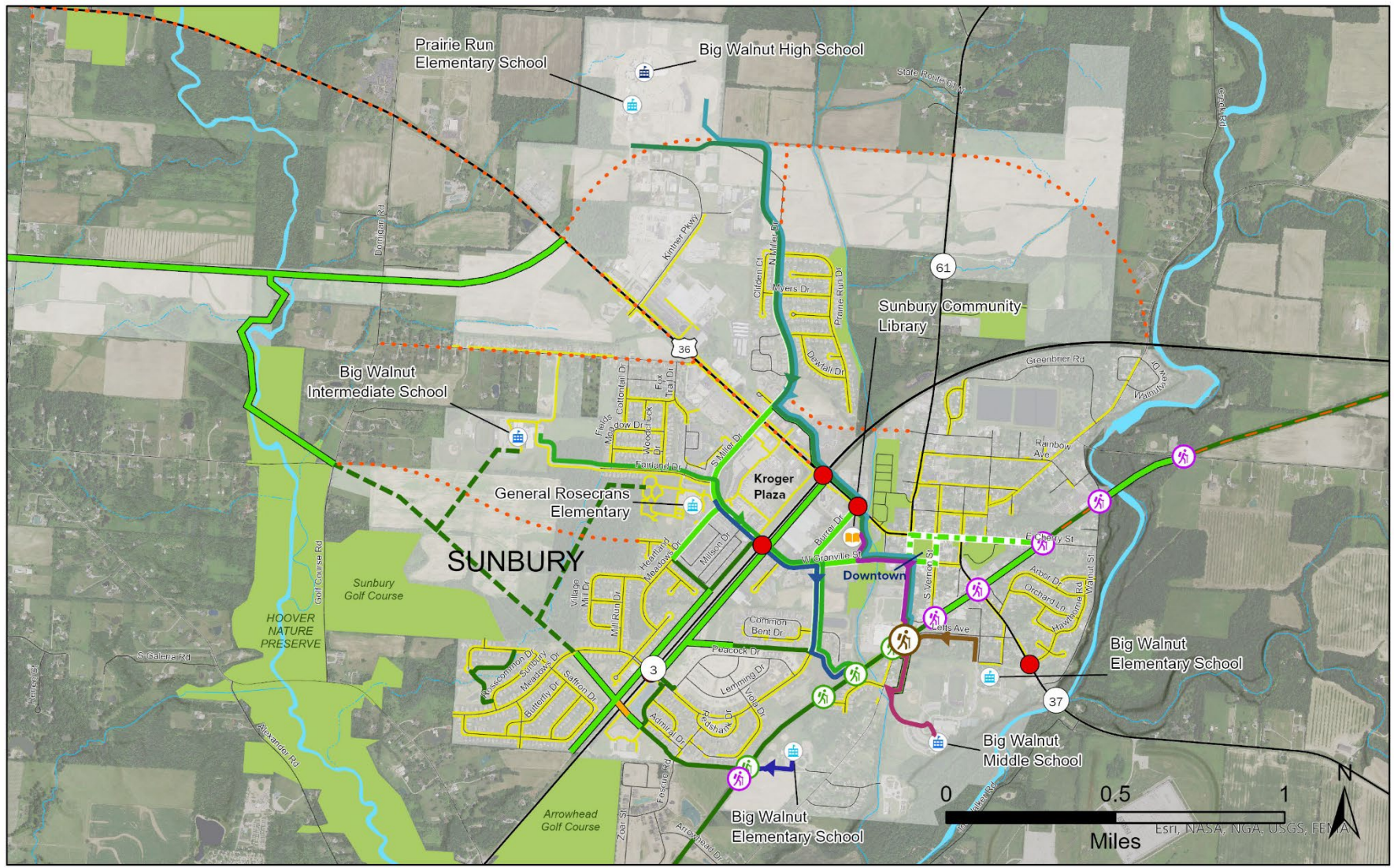
- **Public Engagement**

RECOMMENDATIONS

- **Short-Term Projects (Within 3 Years)**
  - Dedicated Bike Lanes (Painted)
  - Shared Bike Lanes (Painted)
  - Multi-Use Path/Trail Acquisition

- **Medium-Term Projects (3 to 5 Years)**
  - Multi-Use Path/Trail Acquisition
  - New Trail Construction
  - Pedestrian Advance Warning Signs & Yield Lines
  - Crosswalk Signal & Marking Upgrades

- **Long-Term Projects (Beyond 5 Years)**
  - New Trail Construction
  - Median Refuge Islands
  - Crosswalk Signal Installation

- **Funding Opportunities**

Sunbury - Ohio to Erie Trail Access & Connectivity

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Trail Access Points
- Proposed Trail Access
- Trail Access
- Trail Head

MTP 2050 Projects
- — · Bike/Ped
- ····· Roadway Modification*
- New Multi-Use Path
- Dedicated Bike Lanes (Painted)
- Shared Bike Lanes (Painted)
- Pedestrian Overpass
- Intersection Improvements
- Big Walnut Elementary School - Baughman Street
- Big Walnut Elementary School - Columbus Street
- General Rosecrans Elementary School
- Prairie Run Elementary School
- Big Walnut Intermediate School
- Big Walnut Middle School
- Big Walnut High School
- Sunbury Community Library

Columbus Downtown Trail Access & Connectivity

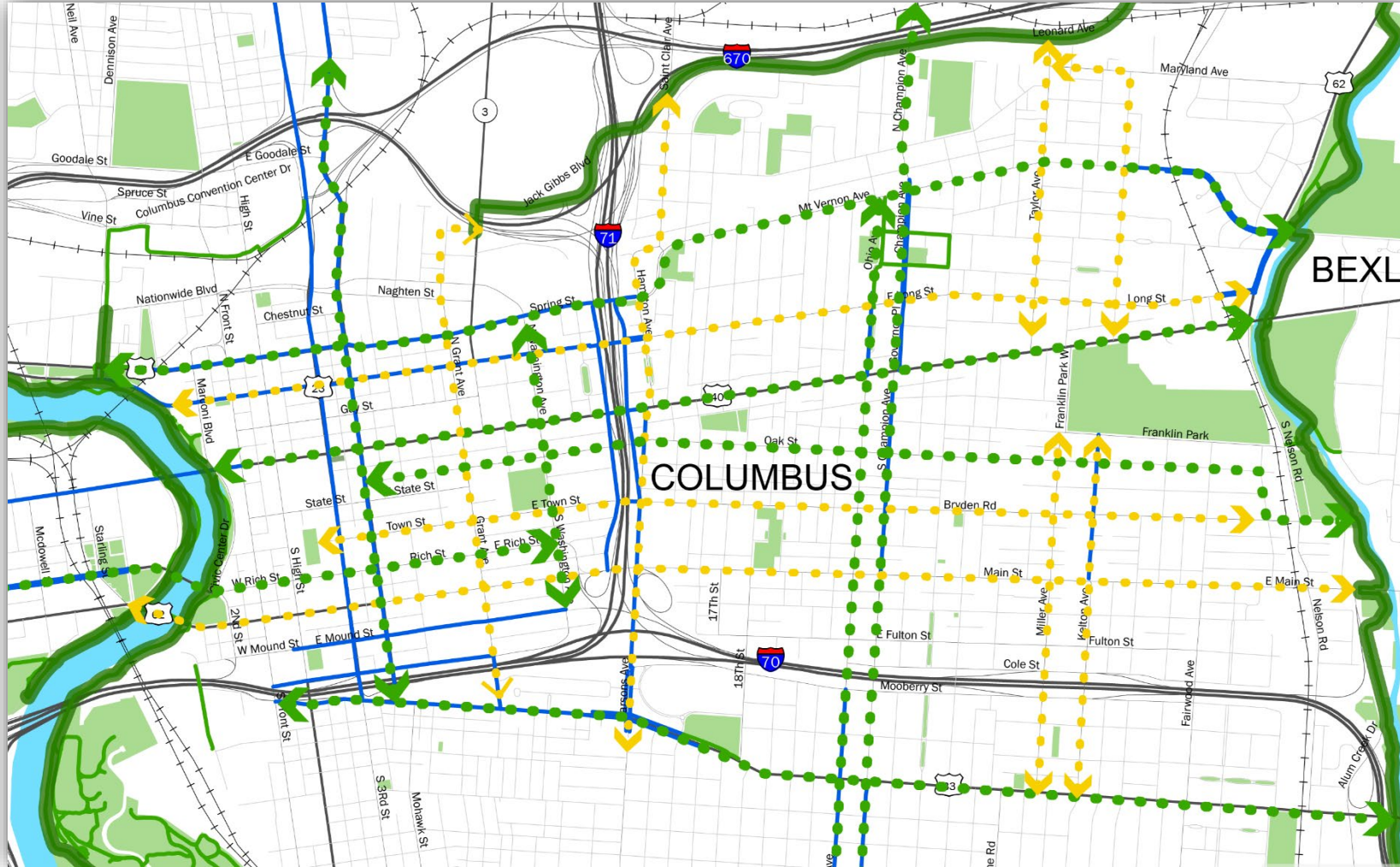MORPC

NEEDS ASSESSMENT

- **Existing Conditions Analysis**
  - Existing and Planned Bicycle Facilities
  - Roadway Improvement Plans
  - Places of Interest for Connections

- **Alternatives Analysis**
  - Crash History and Stress
  - Demographics and Equity
  - Connectivity and Destinations

- **Site Visits**
  - Engineer Bike Rides

- **Stakeholder Engagement**

Analysis Category	Factor
Crash History and Stress	Average Traffic Volume
	Bicycle Level of Traffic Stress
	Columbus High Injury Network
	Bike and Pedestrian Crashes
	Vehicle-Only Crashes
Demographics and Equity	Population
	Population Under 18
	Population Over 65
	Population Living in Poverty
	Minority Population
	Zero Vehicle Households
Connectivity and Destinations	Jobs
	Schools and Public Places
	Retail and Commercial
	Parks and Green Space
	Transit Stops

Columbus Downtown Trail Access & Connectivity

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RECOMMENDATIONS

- **Review Process**
  - Analysis scores
  - Stakeholder review
  - Physical feasibility

- **Priorities for Next Steps**
  - Primary / Preferred Connections
  - Potential Additional Connections

- **Funding Opportunities**

- **Detailed Report**

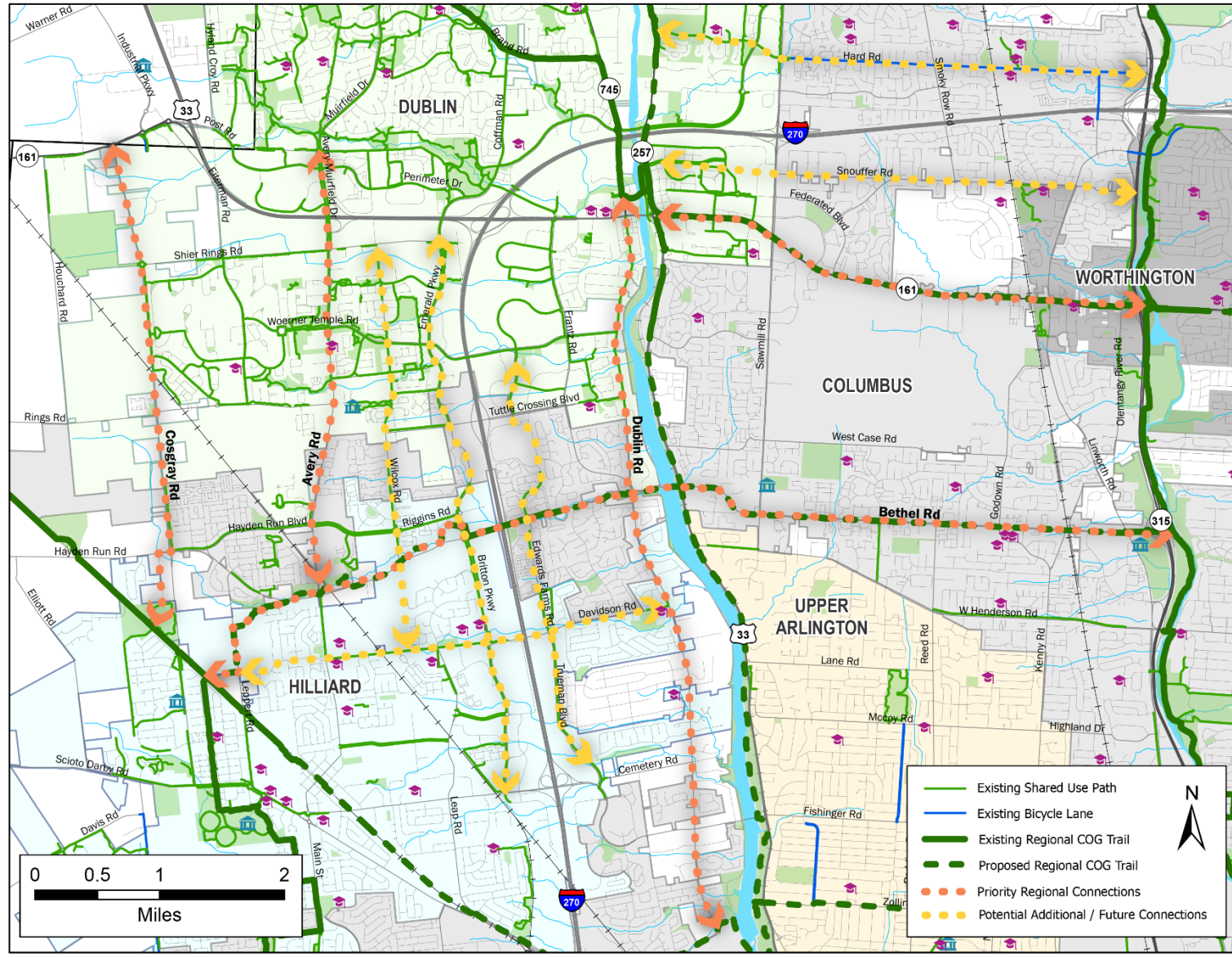# Dublin Trail Access & Connectivity

NEEDS ASSESSMENT

- **Existing Conditions Analysis**
  - Existing and Planned Bicycle Facilities
  - Roadway Improvement Plans
  - Places of Interest for Connections

- **Alternatives Analysis**
  - Crash History and Stress
  - Demographics and Equity
  - Connectivity and Destinations

- **Site Visit**

- **Stakeholder Engagement**

Dublin Trail Access & Connectivity

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RECOMMENDATIONS

- **Review Process**
  - Analysis scores
  - Stakeholder review
  - Physical feasibility

- **Priorities for Next Steps**
  - Primary / Preferred Connections
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- **Funding Opportunities**

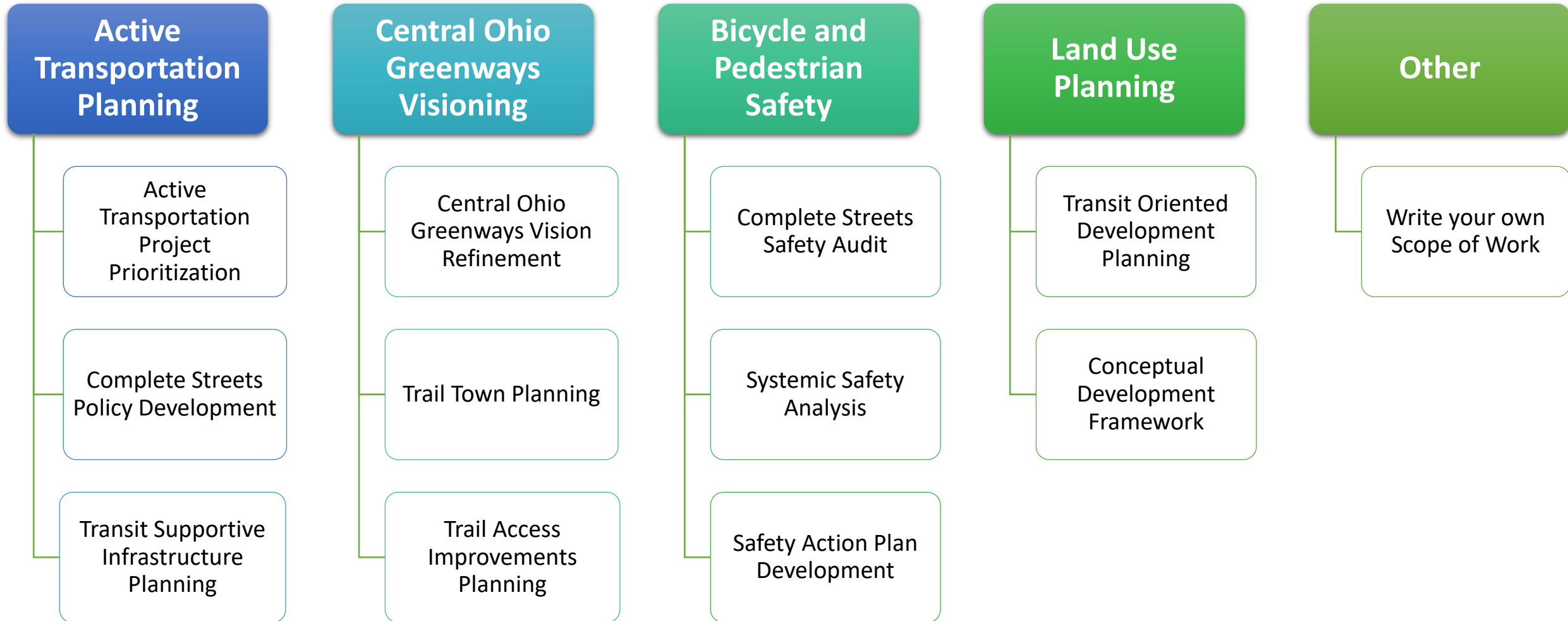- **Detailed Report**

2023 Program Information

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Technical Assistance Activities

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Active Transportation Planning	Central Ohio Greenways Visioning	Bicycle and Pedestrian Safety	Land Use Planning	Other
Active Transportation Project Prioritization	Central Ohio Greenways Vision Refinement	Complete Streets Safety Audit	Transit Oriented Development Planning	Write your own Scope of Work
Complete Streets Policy Development	Trail Town Planning	Systemic Safety Analysis	Conceptual Development Framework	
Transit Supportive Infrastructure Planning	Trail Access Improvements Planning	Safety Action Plan Development		

Important Dates for 2023 Program Cycle

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October 2022	• **2023 Program Guide Posted Online**
November 2, 2022	• CAC/TAC Meetings for Review
November 10, 2022	• **Call for Applications**
November 15, 2022	• Informational Webinar
December 9, 2022	• **Deadline to Submit Applications**
January 6, 2023	• Awardees Notified
Week of January 9 & 16	• **Kick-off Meetings with Awardees**
[September 2023]	• Completion of Technical Assistance

www.morpc.org/program-service/technical-assistance-program

THANK YOU!

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