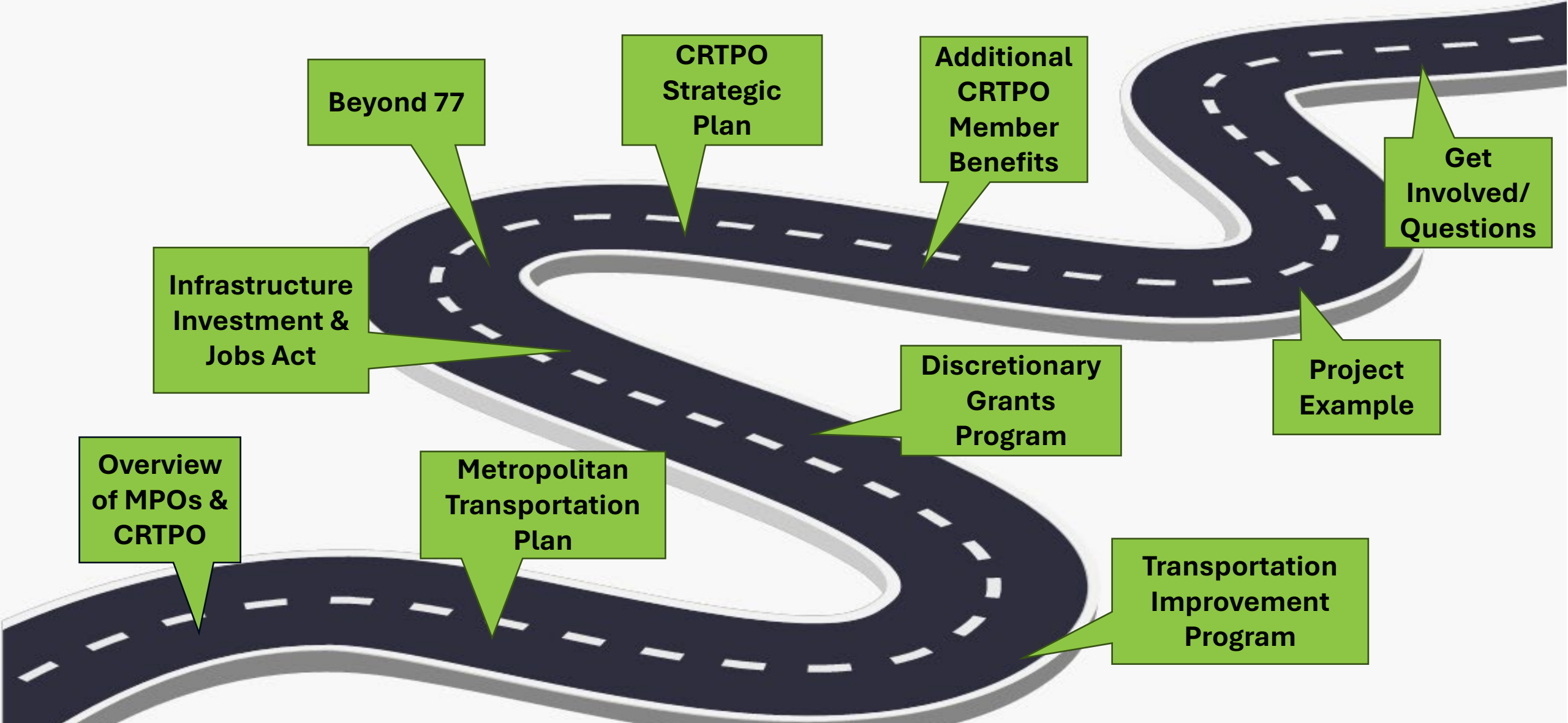




Charlotte Regional Transportation Planning Organization

**Transportation Planning and
Funding Partnerships within the
CRTPO Planning Area**

Pineville Town Council
July 9, 2024



Beyond 77

CRTPO Strategic Plan

Additional CRTPO Member Benefits

Get Involved/ Questions

Infrastructure Investment & Jobs Act

Discretionary Grants Program

Project Example

Overview of MPOs & CRTPO

Metropolitan Transportation Plan

Transportation Improvement Program

Overview of MPOs & CRTPO

- Federally-designated transportation planning agencies for urban areas with populations > 50,000
- ~400 MPOs throughout US
- 1962: Federal-Aid Highway Act
 - Required urban transportation planning process
- 1970s: MPOs created to ensure planning process proceeding as envisioned in 1962



- Federally-designated MPO for the Charlotte urban area
- CRTPO 3-county planning area
 - Iredell
 - Mecklenburg
 - Union
- Funding is contingent upon implementing the federally-mandated 3-C transportation planning process
 - Continuing
 - Cooperative
 - Comprehensive



An aerial photograph of a roundabout with a green overlay. The roundabout has a central island and several lanes. There are cars visible in the lanes and a parking lot with several cars in the bottom left. The text is overlaid on the image.

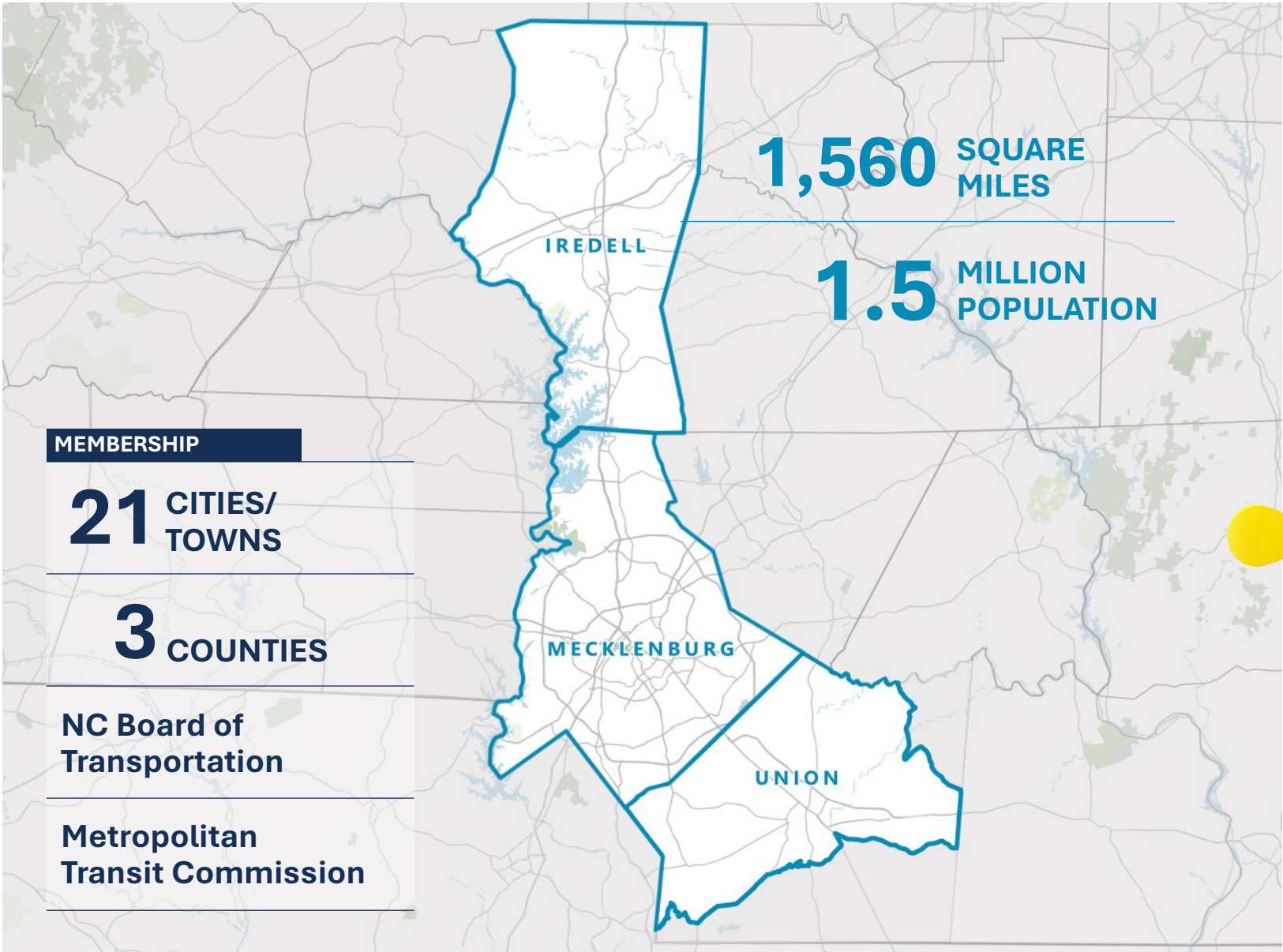
OUR MISSION & VISION

MISSION

The CRTPO provides leadership and collaboration with member communities and partners in developing our region's transportation system.

VISION

A connected and equitable transportation system that provides mobility choices for the region.



MEMBERSHIP

21 CITIES/
TOWNS

3 COUNTIES

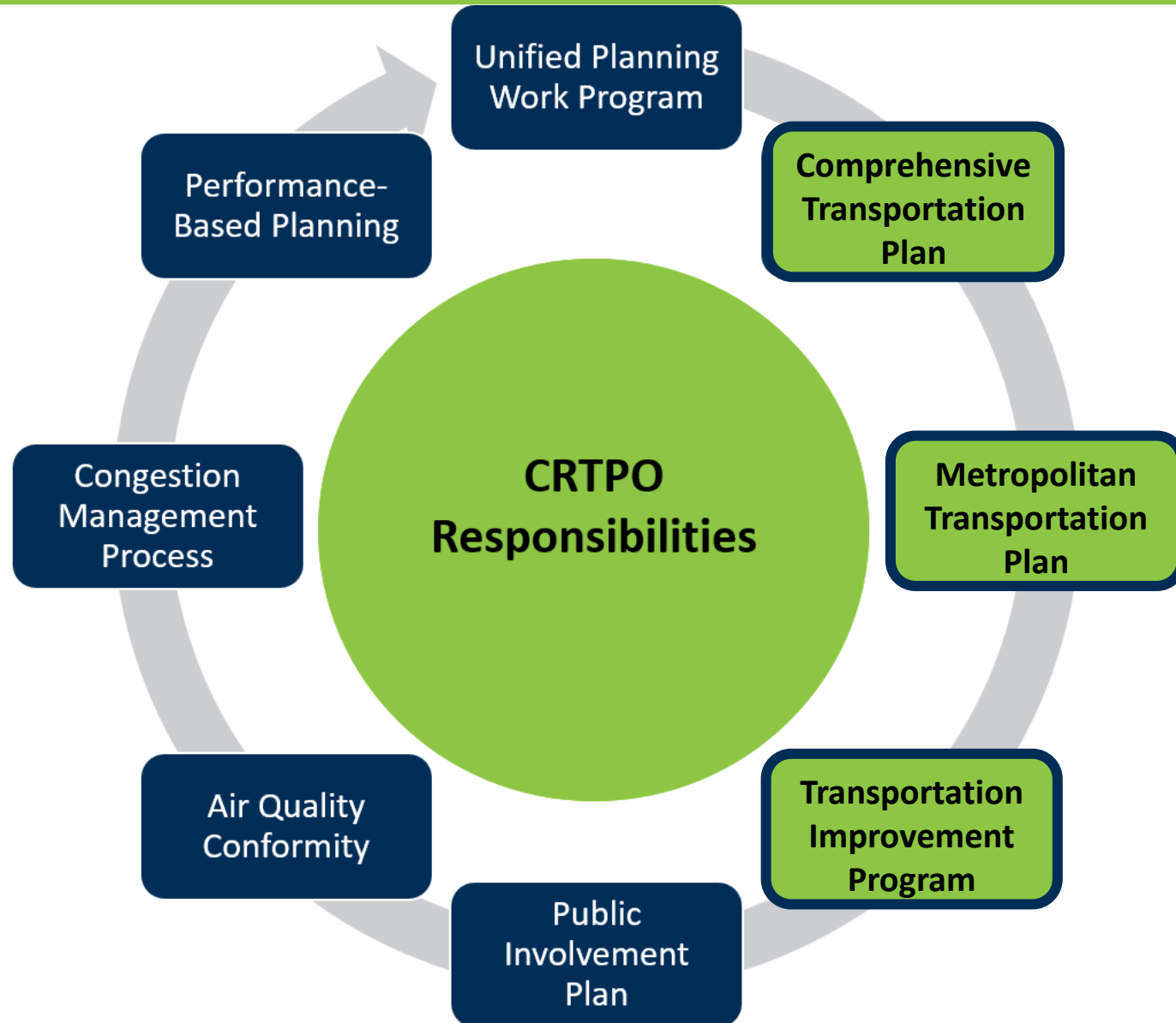
NC Board of
Transportation

Metropolitan
Transit Commission



Required planning products ensure CRTPO's primary responsibilities are met

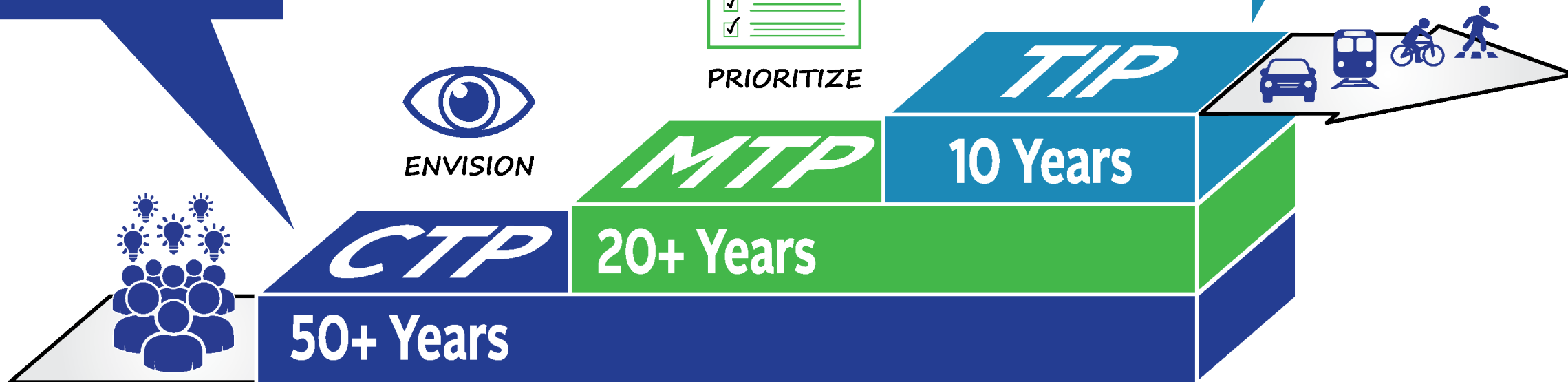
- Coordinate transportation policy for local governmental jurisdictions
- Allocate federal transportation funds; ensure funds are spent in accordance with federal policy



Long-term vision for the region's transportation network build-out
No \$\$ focus

Long-range plan with transportation goals, objectives, and priorities over 20+ years
\$\$ estimated

Identifies the projects that will receive funding during a 10-year period
\$\$ allocated





2055 Metropolitan Transportation Plan

charlotte regional transportation planning organization

What is the purpose of an MTP?

Fiscally
constrained
and updated
every 4 years

Considers all
modes of
transportation

Required to
access federal
funds for
transportation
projects

Establishes
policy for
transportation
improvements



Why is an MTP important?

This Metropolitan Transportation Plan will:

- Help establish a vision for transportation in the Charlotte Region
- Identify needs and deficiencies
- Recommend specific projects and strategies
- Create an action plan for implementation
- Shape policy and program decisions



Federal Deadline:
April 2026

2055 MTP Overview – Key Components

Goals and
Objectives

Data
Collection
and Research

Scenario
Planning

Revenue
Forecast

Project
Evaluation

Project Sheets

Congestion
Management
Process

Performance-
Based
Planning

Engagement

Environmental
Justice

Plan Development Schedule

Task #	Task Name	Quarter								
		2024				2025				2026
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1
1	Project Mobilization	Task Effort	Deliverable	Task Effort						
2	Goals and Objectives Review/Update	Task Effort	Deliverable							
3	Data Collection and Research	Task Effort	Task Effort	Deliverable	Deliverable					
4	Scenario Planning		Meeting/Event	Meeting/Event	Deliverable					
5	Revenue Forecast		Task Effort	Task Effort						
6	Project Evaluation			Task Effort	Deliverable	Deliverable	Task Effort			
7	Project Sheets						Deliverable			
8	Congestion Management Process		Task Effort	Deliverable						
9	Performance-Based Planning Incorporation					Task Effort	Deliverable			
10	Engagement	Deliverable	Task Effort	Meeting/Event	Task Effort	Task Effort	Meeting/Event	Task Effort	Meeting/Event	Task Effort
11	Environmental Justice	Task Effort	Task Effort	Task Effort	Task Effort	Task Effort	Task Effort	Task Effort	Task Effort	Task Effort
12	MTP Production						Task Effort	Deliverable	Deliverable	Deliverable
13	Project Management and Coordination	Deliverable	Meeting/Event	Meeting/Event	Meeting/Event	Meeting/Event	Meeting/Event	Meeting/Event	Meeting/Event	Meeting/Event

- Task Effort
- Deliverable
- 3 Meeting/Event

2055 MTP Phase 1 Engagement

LET YOUR VOICE BE HEARD!

2055 Metropolitan
Transportation Plan



CRTPO

charlotte regional transportation planning organization

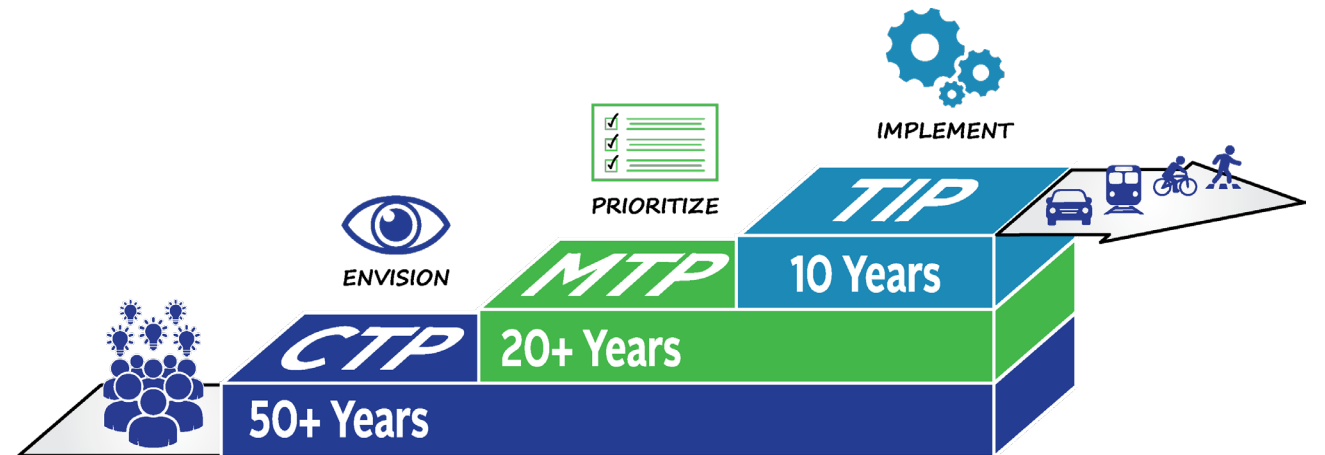
2055MTP.ORG

#2055MTP #CRTPO



Transportation Improvement Program

- STIP (State TIP) process directed by the Strategic Transportation Investment (STI) law in North Carolina (2013)
- STI defines...
 - Funding Categories
 - Project Types
 - Project Guidelines
- STIP covers 10-year period
 - First 5 years: Delivery STIP
 - Second 5 years: Developmental STIP
- Fiscally constrained with dollars assigned to projects



- CRTPO adopts the TIP in coordination with NCDOT
 - Typically, two-year development cycle
 - No later than every four years
- TIP developed in accordance with NCDOT's Strategic Transportation Investment (STI) Act
- CRTPO and NCDOT coordinate to create the TIP/STIP
- Projects selected through a process called Prioritization

NCDOT Prioritization 7.0

- Data-driven process to in which projects are evaluated to develop the TIP
- Results guide funding and programming of the TIP
- Current prioritization is developing the 2026-2035 TIP

PROJECT IDENTIFICATION

CRTPO works with municipalities, transportation providers and the residents to identify the projects to be submitted for NCDOT prioritization

PROJECT SCORING

SPOT scores projects for each mode based upon a defined set of criteria

LOCAL INPUT POINTS ALLOCATION

The allocation of local input points improve the project score. CRTPO allocates local input points based on a methodology approved by NCDOT.

- Review project scores from NCDOT and apply Local Input Points
 - **Statewide Mobility** (100% NCDOT Qualitative score)
 - **Regional Impact** (30% Local Input Points / 70% NCDOT Qualitative score)
 - **Division Needs** (50% Local Input Points / 50% NCDOT Qualitative score)
 - **Modes**
 - Highway
 - Bicycle/Pedestrian
 - Transit
 - Rail
 - Aviation
 - **NCDOT Prioritization 7.0** will help develop the 2026-2035 STIP

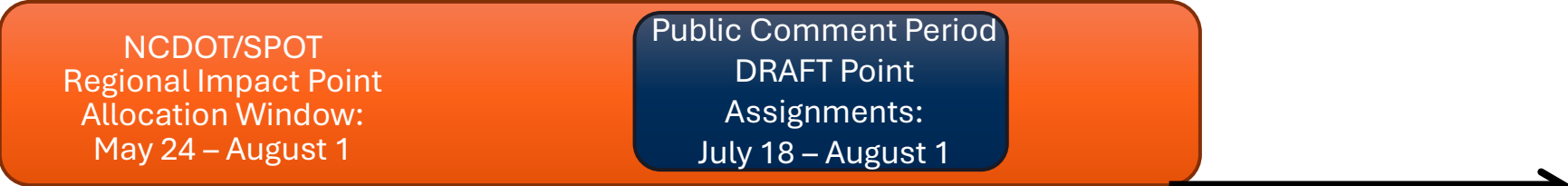
When does public involvement occur?

- Public comment period for the project submission phase
 - **September 2023**
- Public comment periods during the Regional Impact and Division Needs local input points allocation phases
 - **July and October 2024**

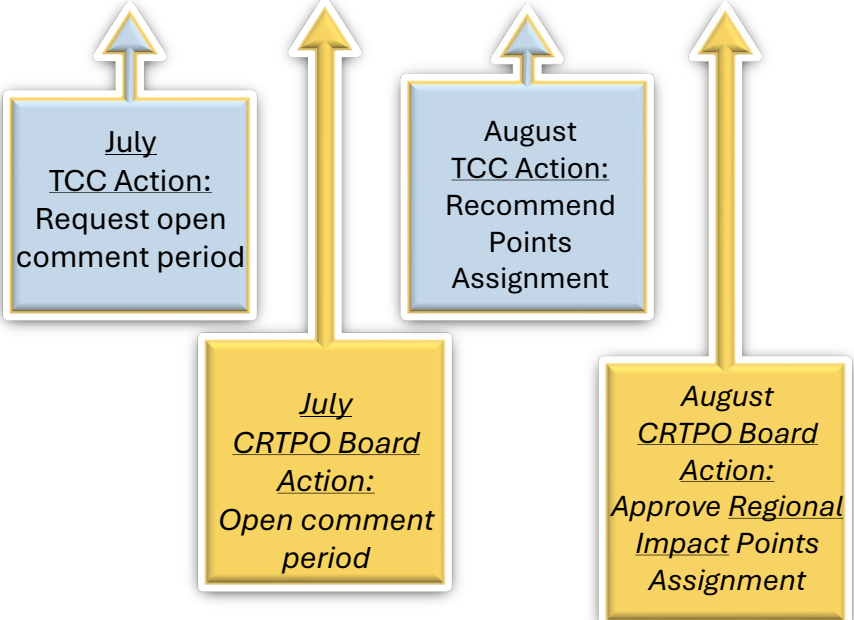
Public Involvement Schedule – Regional Impact Tier



NCDOT
Releases
P7.0
Scores



P7.0 Subcommittee Meetings Develop DRAFT Regional Impact Point Project List



Discretionary Grants Program

Discretionary Grants Program

- Discretionary funds support projects that improve the community's transportation system
- CRTPO manages and allocates approximately \$30 million annually
- Funds originate from five funding sources
- Projects usually range from \$1-\$7 million in size – smaller projects than highways
- Local match typically 20-35%

CRTPO Federal Funding Sources

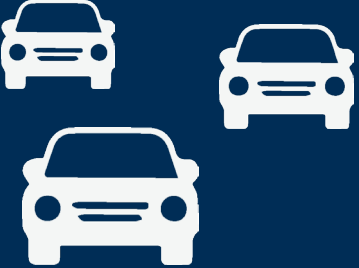

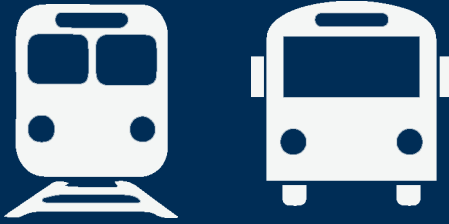


**Surface
Transportation
Block Grant -
Direct
Attributable
(STBG-DA)**

**Transportation
Alternatives
Program - Direct
Attributable
(TAP-DA)**

**Congestion
Mitigation Air
Quality
(CMAQ)**

**Bonus
Allocation
(state or
federal)**

**Carbon
Reduction
Program (CRP)**

<h3>Highway</h3> 	<h3>Bicycle & Pedestrian</h3> 	<h3>Transit</h3> 	<h3>Air Quality Improvement</h3> 	<h3>Transportation Planning</h3> 
<ul style="list-style-type: none"> • Small-scale corridor • Intersection improvements • Traffic calming 	<ul style="list-style-type: none"> • Greenways and sidewalks • Safety projects 	<ul style="list-style-type: none"> • Hybrid/electric bus fleet • Station enhancements 	<ul style="list-style-type: none"> • Congestion reduction and traffic flow improvements 	<ul style="list-style-type: none"> • Regional transportation planning • Parking studies • Land use / transportation studies • Multimodal planning

STIP No.	Project Name	Current Phase	Scheduled Completion
EB-5949	NC 51 (Johnston Dr and Church St) - Corridor access management	Construction	Fall 2024
HS-2010G	NC 51 and Polk St - Install pedestrian signals and accommodations	Right-of-Way	Construction to start and finish in 2025
U-6165	Park Rd (Johnston Rd to NC 51) - Widen to multiple lanes	Planning	Future phases are not funded
U-6086 / W-5710R	NC 51 (Park Rd to Carmel Rd) - Construct access management improvements	Right-of-Way	Construction to start in 2026 and finish fall 2028
I-5507	I-485 - Add one express lane in each direction	Construction	Fall 2025
I-6015	I-485 – NC 51 Interchange improvements	Planning	Future phases are not funded



August 12, 2024:
Fall Call Opens for new projects and shortfalls on existing projects.

Fall Call Opens



October 18, 2024:
Last day for mandatory Pre-Submittal Mtg.
October 31, 2024
Applications due by 5:00 p.m.

Fall Call Closes



November – December 2024:
Project Oversight Committee reviews applications and makes recommendations to TCC.

Project Oversight Committee Reviews Applications



January 2025:
Information on selected projects to the TCC and the Board.
February 2025:
Request action on projects.

TCC & Board Request for Action on Recommended Projects



February 2025: TIP amendments complete and sent to NCDOT.
March – April 2025: STIP Amendments complete.

STIP Amendment with NCDOT and Agreement Supplement

Infrastructure Investment & Jobs Act (IIJA)

Rebuilding American Infrastructure with Sustainability & Equity

- Infrastructure Investment & Jobs Act (IIJA) / Bipartisan Infrastructure Law (BIL)
 - \$274 billion allocated to transportation programs nationwide
- Targets 3 federally-designated geographies...
 - Rural areas
 - Areas of Persistent Poverty (APP)
 - Historically Disadvantaged Communities (HDC)



charlotte regional **transportation** planning organization



a cross-jurisdictional study

\$5 million awarded

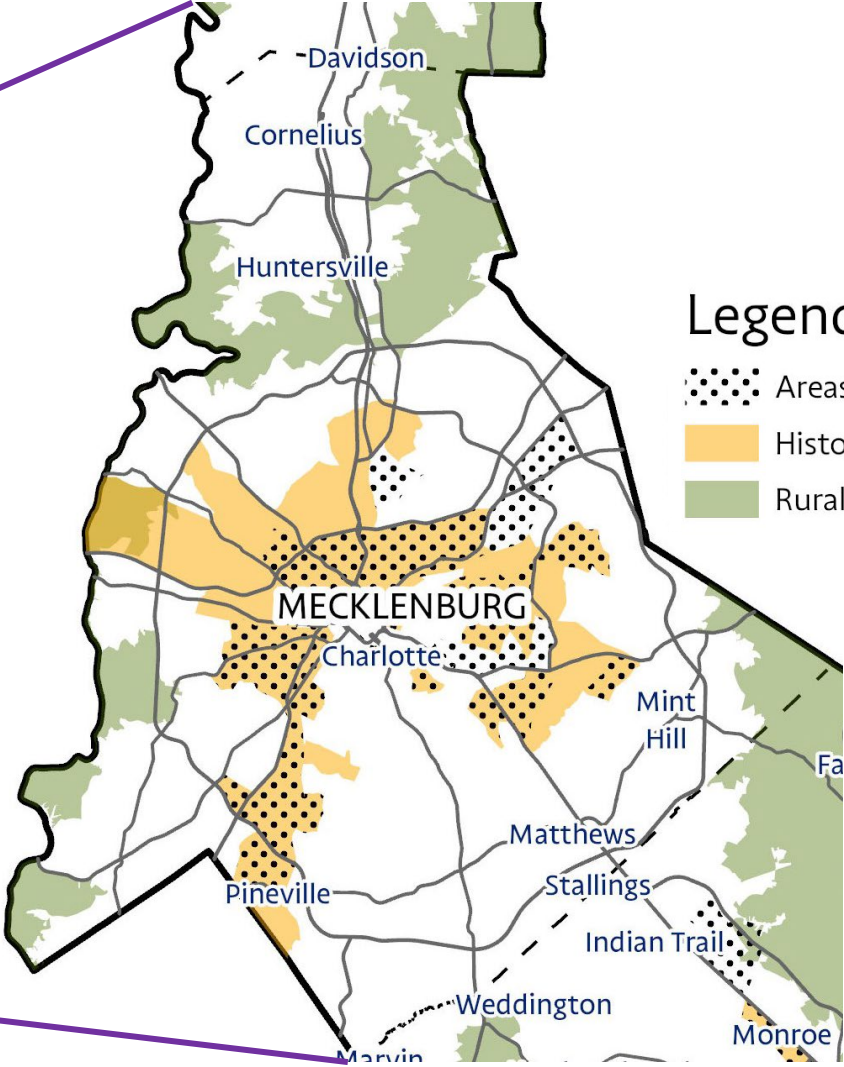
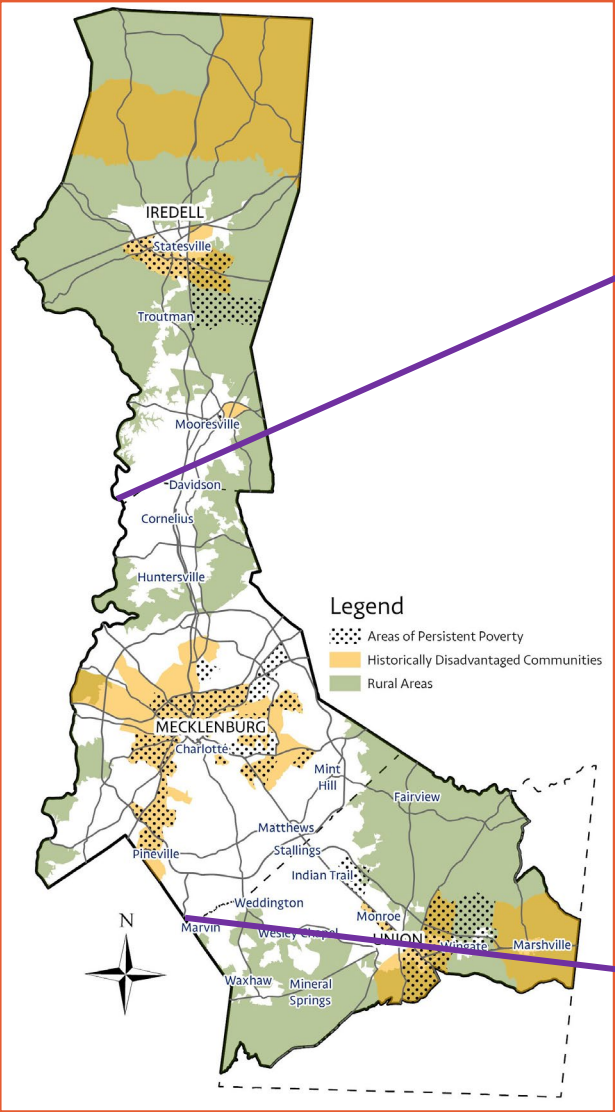
Making Our Roads **SAFER**

A Cross-Jurisdictional Study



www.crtpo.org/RAISE

RAISE Importance in Targeted Communities



Legend

- Areas of Persistent Poverty
- Historically Disadvantaged Communities
- Rural Areas

S

safety Improvements

A

ccessible Design

F

lexible Trips

E

quitable Planning

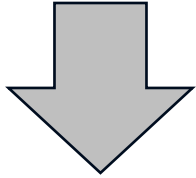
R

ecconnecting Communities

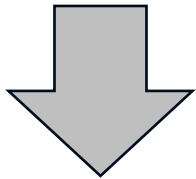
Safe Streets & Roads for All (SS4A) Grant Program

- Infrastructure Investment & Jobs Act (IIJA)
 - Over \$3 billion available for future funding rounds
- Improving roadway safety for all users by **reducing and eliminating serious-injury and fatal crashes**
 - US DOT's National Roadway Safety Strategy
 - Safe System Approach

Planning & Demonstration
Grants



Comprehensive Safety
Action Plans



Implementation (capital)
Grant

- Focused on preventing roadway fatalities and serious injuries
- Data analysis to characterize roadway safety problems and strengthen a community's approach through projects and strategies that address the most significant safety risks
- Build on local road safety plans, Vision Zero Action Plans, and similar

Beyond 77

2-Year Comprehensive Study

- 68 miles study, 3 miles on each side of I-77
- Study Period: Sep 2019 to Jan 2022
- Board adopts Beyond 77 Study, Jan 2022

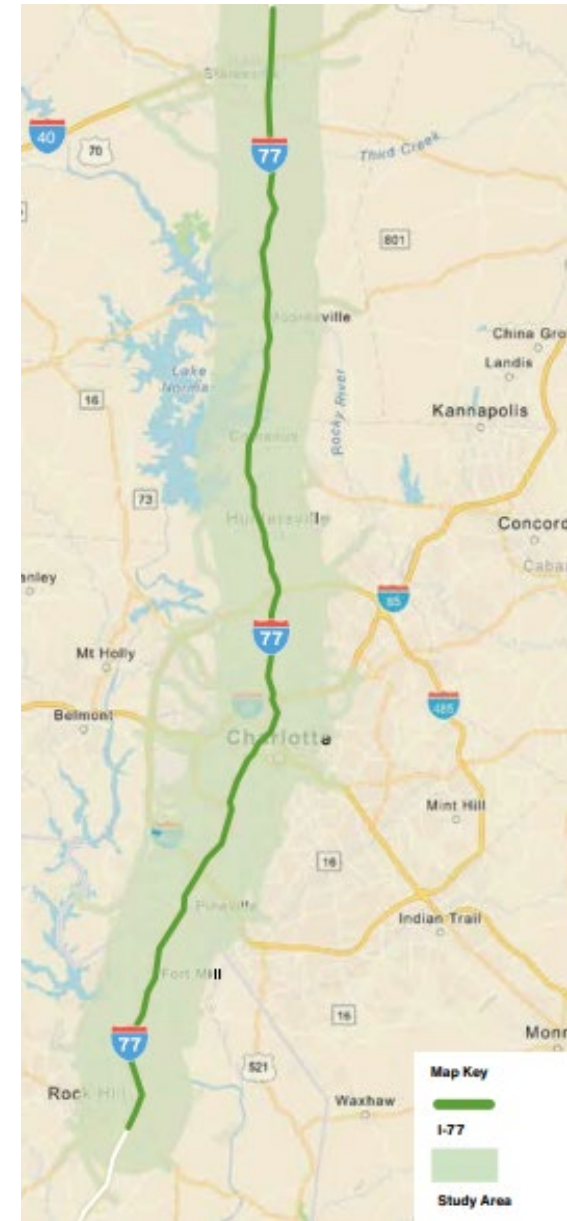
Goals of the Study

- Comprehensive solutions and recommendations
- Immediate to long-term vision
- Identify new and innovative ideas

Agency Involvement

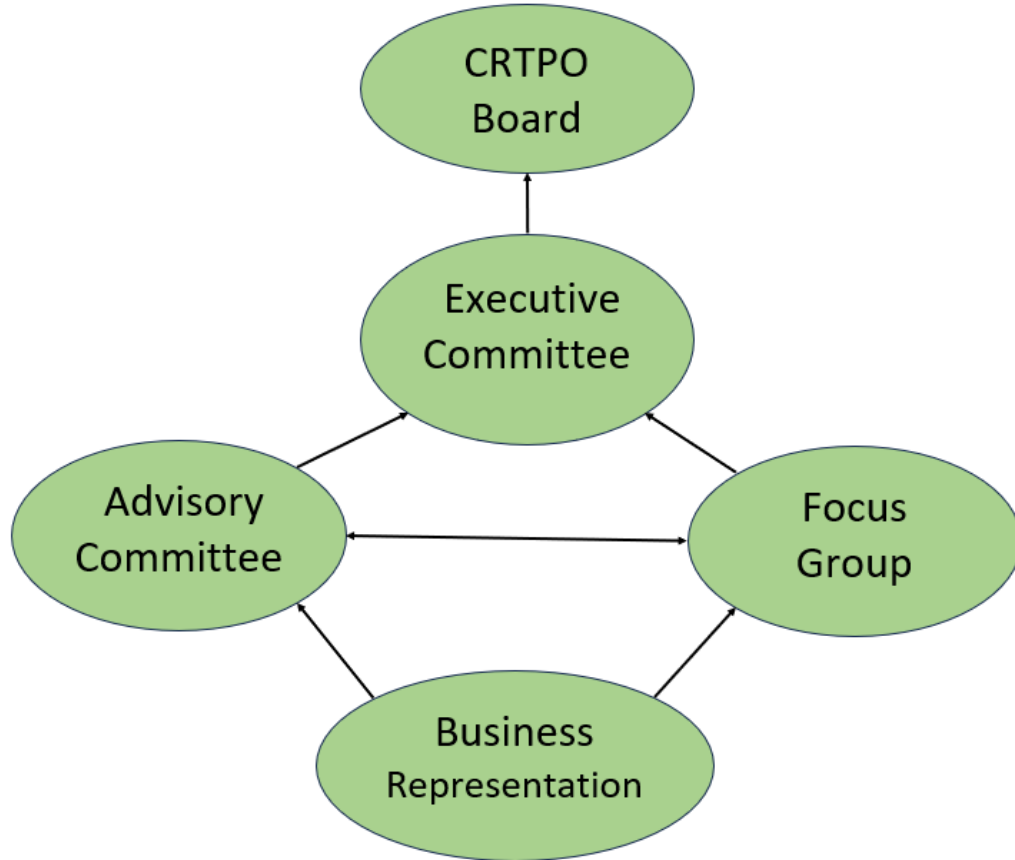
- 22 Jurisdictions and Agencies
- 11 Cities/Towns and 3 Counties
- 2 DOTs and 2 MPOs
- FHWA, Centralina, CATS and CDOT

The study focused on the operations of the network surrounding the I-77 corridor.



PM-2 Recommendation Text: The Beyond 77 Coalition, consisting of CRTPO jurisdictions and regional organizations, will coordinate to implement key strategies and solutions recommended by the initiative within the primary study area boundaries of the CRTPO. This program will allow jurisdictions to participate in the implementation framework on a voluntary basis.

Task Force Strategy and Solution Survey Results and Analysis		
1st Place: (tie)	PM-2	Policy to Create the Beyond 77 Coalition
	PR-4	Regional Strategy for Funding Alternatives
	PM-9	Policy to Define Equitable Mobility
4th Place: (tie)	PM-38	Policies Defining Equity in Performance Measures
	PR-2	Regional Program for Beyond 77 Solutions Implementation
6th Place: (tie)	PM-34	Policies for Equity Factors in Planning
	PM-6	Policy to enable Integrated Transit Services
	PR-61	Transit Frequency Mapping
9th Place: (tie)	PM-16	Regional Public-Private Partnership Policy Development
	PM-10	Policy(ies) to allow for First-Mile/Last-Mile Transit Connections



- **Executive Committee:**

- Lead alternative funding discussion
- Make recommendations on strategies and solutions
- Meets quarterly

- **Advisory Committee:**

- TCC representation
- Develop recommendations for S&S prioritization to be presented to the Executive Committee

- **Beyond 77 Focus Group:**

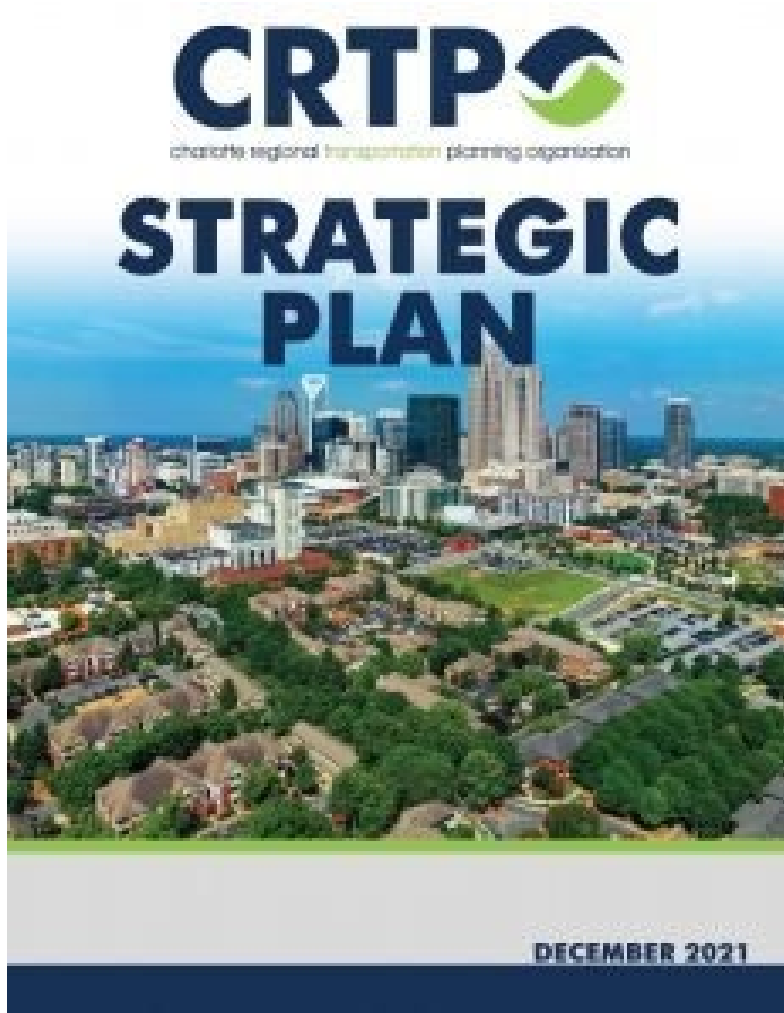
- Reviews all material before Exec Committee

- **Business Representation:**

- Provides input on specific topics at the direction of Focus Group and broader B77 Coalition
- Membership under development

Executive Committee	Advisory Committee
CRTPO Board Chair	
Charlotte TCC Rep	Charlotte TCC Rep
Cornelius Board Rep	Cornelius Board Rep
Davidson Board Rep	Davidson TCC Rep
Huntersville Board Rep	Huntersville TCC Rep
Mooresville Board Rep	Mooresville TCC Rep
Pineville Board Rep	Pineville TCC Rep
Statesville Board Rep	Statesville TCC Rep
Troutman Board Rep	Troutman TCC Rep
BOT Division 10	NCDOT Division 10
BOT Division 12	NCDOT Division 12
Char-Meck Planning Commission	Bicycle TCC Rep
Iredell Planning Board	Public Health TCC Rep
	Pedestrian TCC Rep
	Transit TCC Rep

CRTPO Strategic Plan



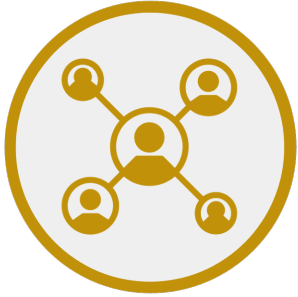
Adopted by the CRTPO Board in November 2021

Mission Statement: The CRTPO provides leadership and collaboration with member communities and partners in developing our region's transportation system.

Vision: A connected and equitable transportation system that provides mobility choices for the region.



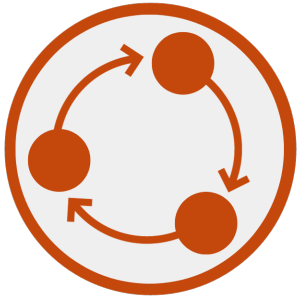
Goal 1 | Leadership



Goal 4 | Membership



Goal 2 | Communication



Goal 5 | Operations



Goal 3 | Collaboration



Goal 6 | Funding

- **Beyond 77 Coalition** (Goals 3 and 5)
- **Joint MPO Roundtables** (Goals 1, 3, and 6)
- **Grants Assistance Program** (Goals 1 and 6)
 - RAISE and SS4A Grant Applications
 - New grant resources webpage
 - Technical assistance
- **Regional Transportation Planning Program** (Goals 1 and 5)
- **Title VI and Limited English Proficiency Plan Updates** (Goal 2)

Additional CRTPO Member Benefits

CRTPO staff goes beyond funding resources and offers additional support to member jurisdictions, including:

- Alignment Evaluation Program
- Cost estimating
- GIS mapping and data services
- Grants Assistance Program
- Planning support
- Public outreach
- Traffic Data Program



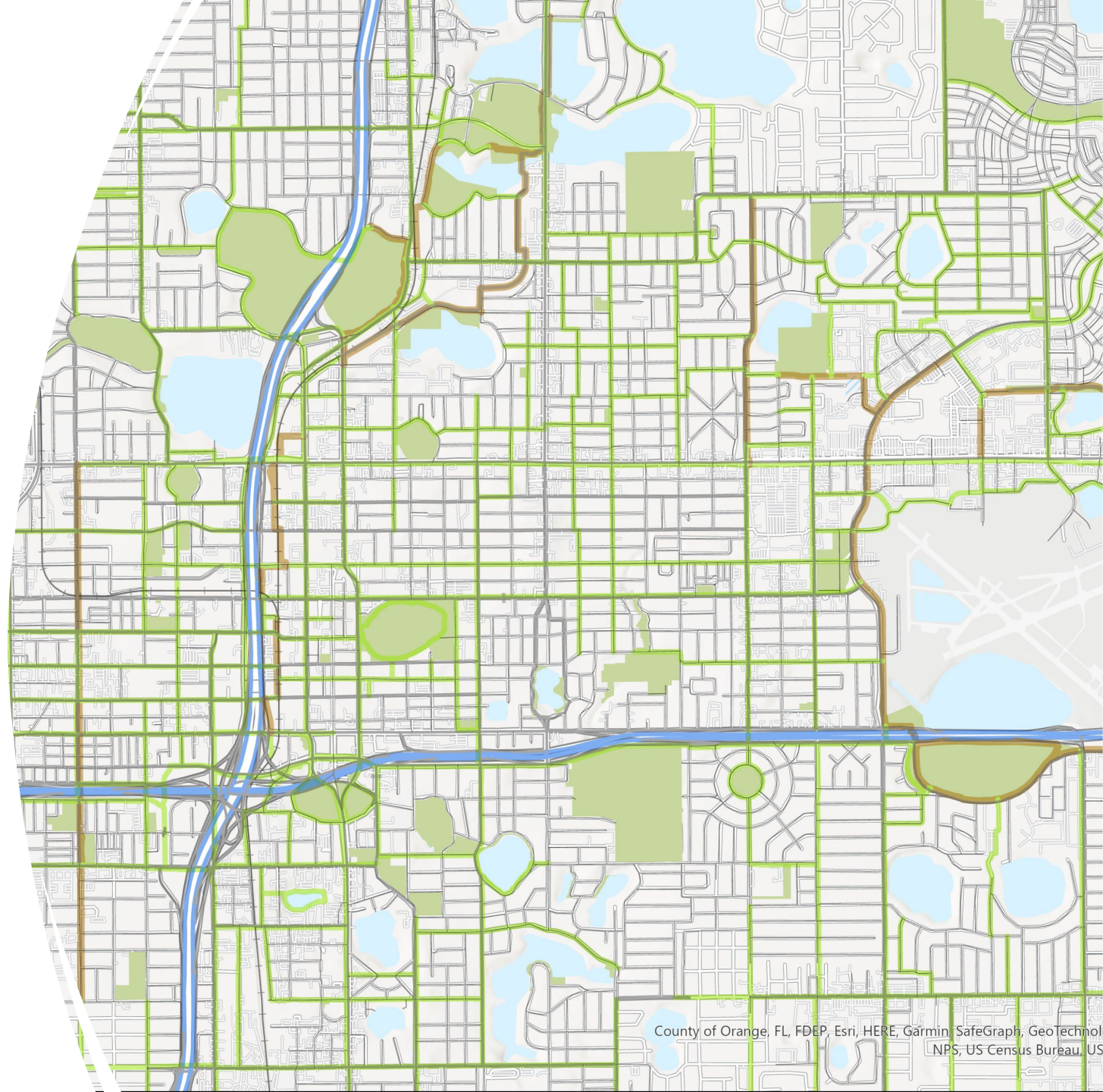
Pictured:
CRTPO staff
supporting the field
work and planning for
the Mineral Springs
Sidewalk plan



Project Example

Example

- New Multi-Use Path
- Process
 - Identify need in locally adopted plan
 - Amend CTP (preferred)
 - Discretionary Grants Program
- Project Reimbursed After Payment
 - 80/20 Match



<p>Neil Burke CRTPO Deputy Director</p>	<p>Neil.Burke@charlottenc.gov</p>
<p>Brian Elgort Project Implementation Coordinator</p>	<p>Brian.Elgort@charlottenc.gov</p>
<p>Will Snyder Associate Planner</p>	<p>Will.Snyder@charlottenc.gov</p>
<p>Judy Dellert Public Participation Planner</p>	<p>Judy.Dellert@charlottenc.gov</p>

Engage with us!

Technical Coordinating Committee (TCC)

1st Thursday of each
month at 10 a.m.

CRTPO Policy Board

3rd Wednesday of each
month at 6 p.m.



www.crtpo.org



email@crtpo.org



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cltregionaltpo](https://x.com/cltregionaltpo)



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