



Charlotte Regional Transportation Planning Organization

Transportation Planning in Our Region

City of Monroe
February 14, 2023

- Overview of MPOs and CRTPO
- CRTPO Responsibilities
 - Plans and Programs
- Discretionary Projects Program
- Comments and Questions



What is an MPO?

Metropolitan Planning Organization (MPO)

- Federally-designated transportation planning agencies for urbanized 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

Charlotte Regional Transportation Planning Organization (CRTPO)

- Federally designated MPO for the Charlotte Urbanized Area
- Planning area boundary includes Iredell, Mecklenburg and Union counties
- Funding is contingent upon implementing the federally-mandated 3-C transportation planning process.
 - Continuing
 - Cooperative
 - Comprehensive

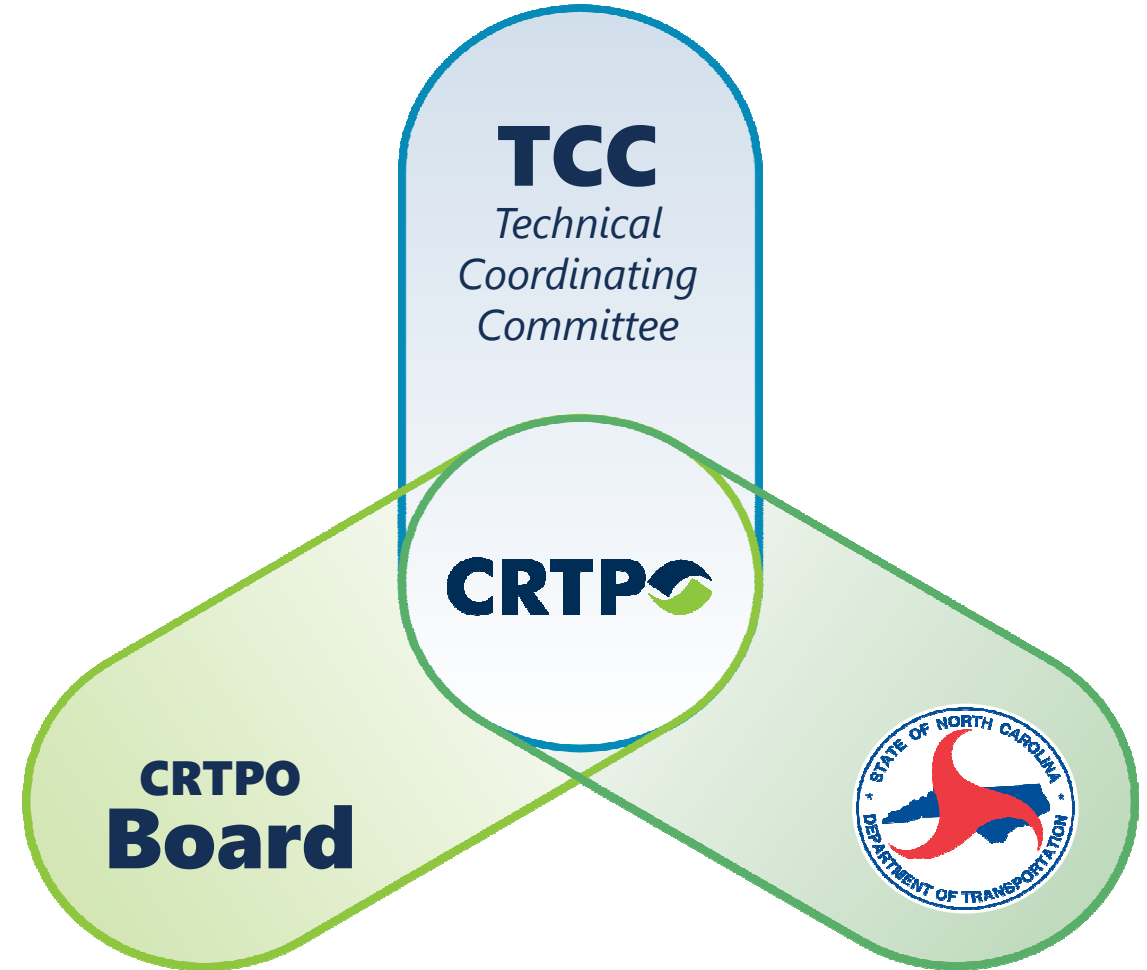
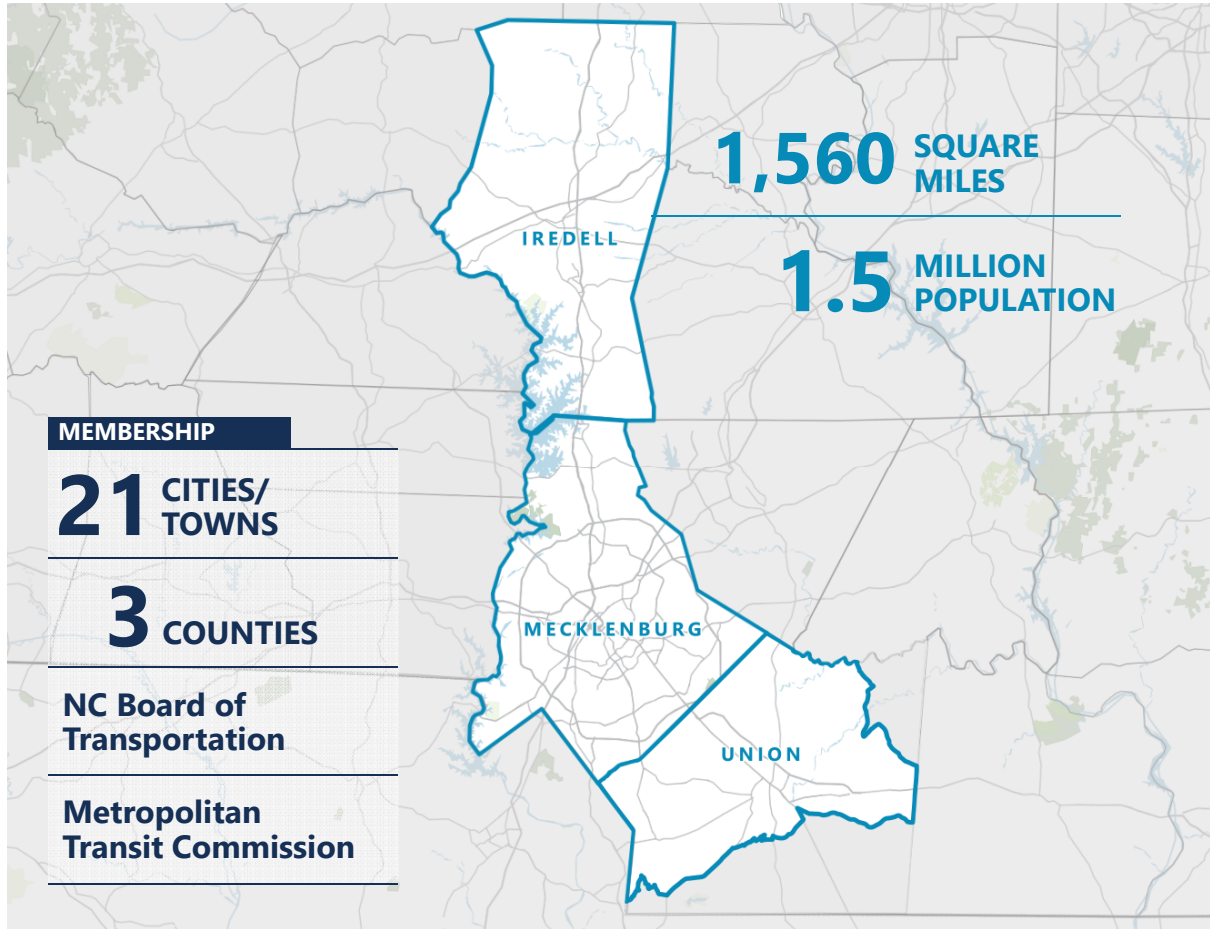
COMPREHENSIVE



COOPERATIVE



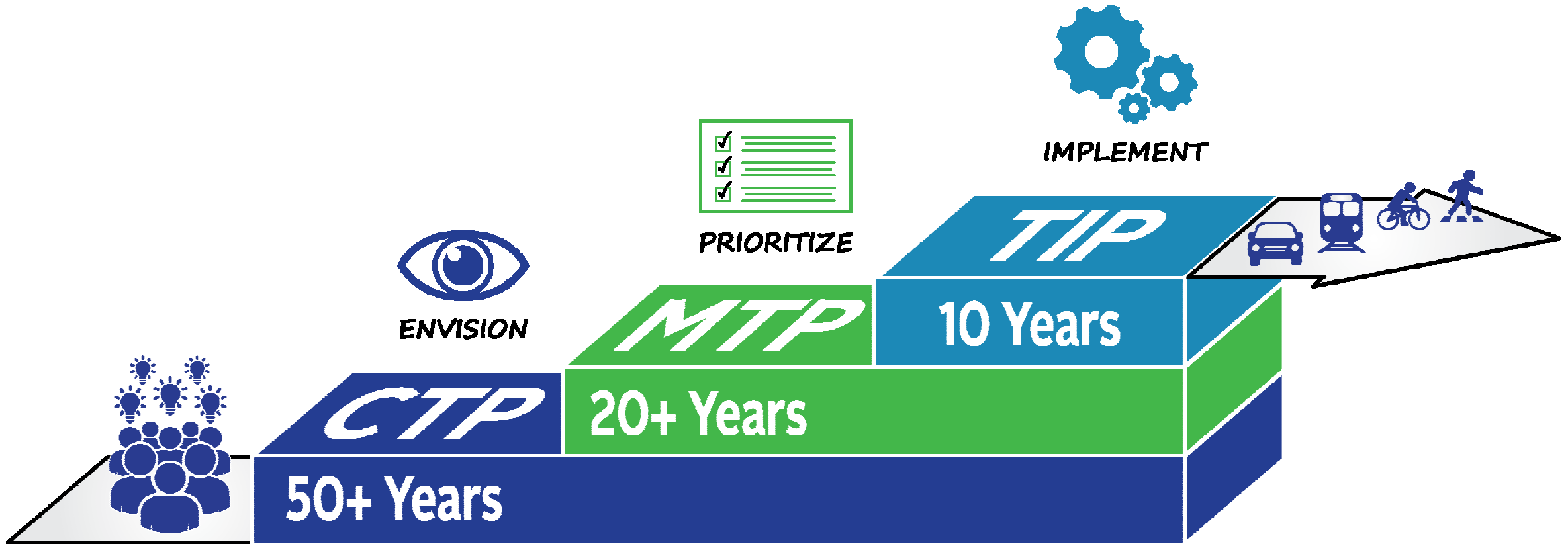
CONTINUING



Required planning products ensure CRTPO's primary responsibilities are met

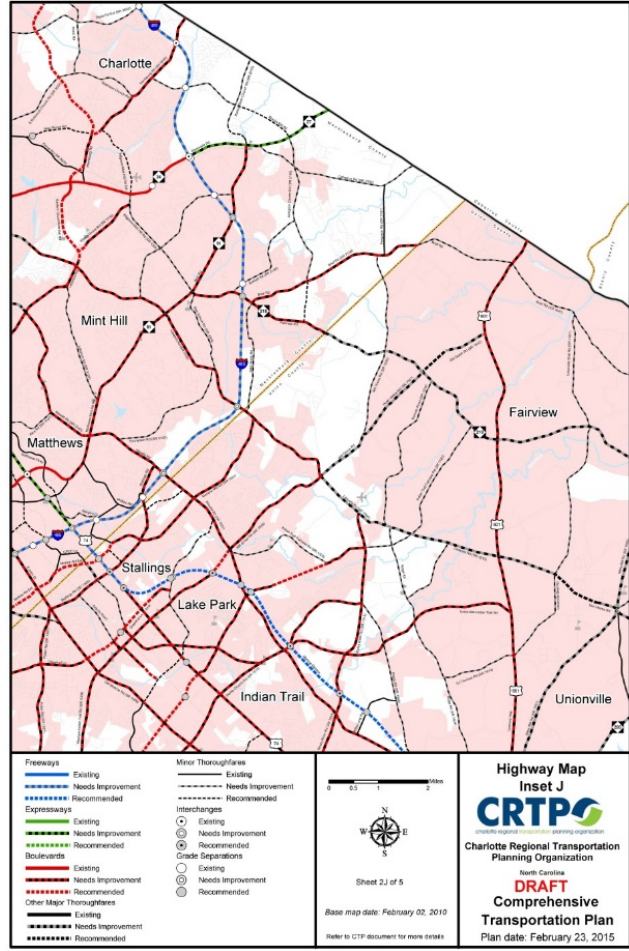
- Coordinate transportation policy for local governmental jurisdictions
- Allocate federal transportation funds; ensure funds are spent in accordance with federal policy





Comprehensive Transportation Plan (CTP)

- Long-term vision for the region’s transportation network build-out
- Not fiscally constrained
- Emphasizes multi-modal approach
- Four elements
 - Highway
 - Public Transportation & Rail
 - Bicycle
 - Pedestrian
- Coordination with NCDOT has started on CTP 2.0




KNOW

What is the CTP?

VIEW

What are our transportation needs?

ASK

What questions do you have about the CTP?

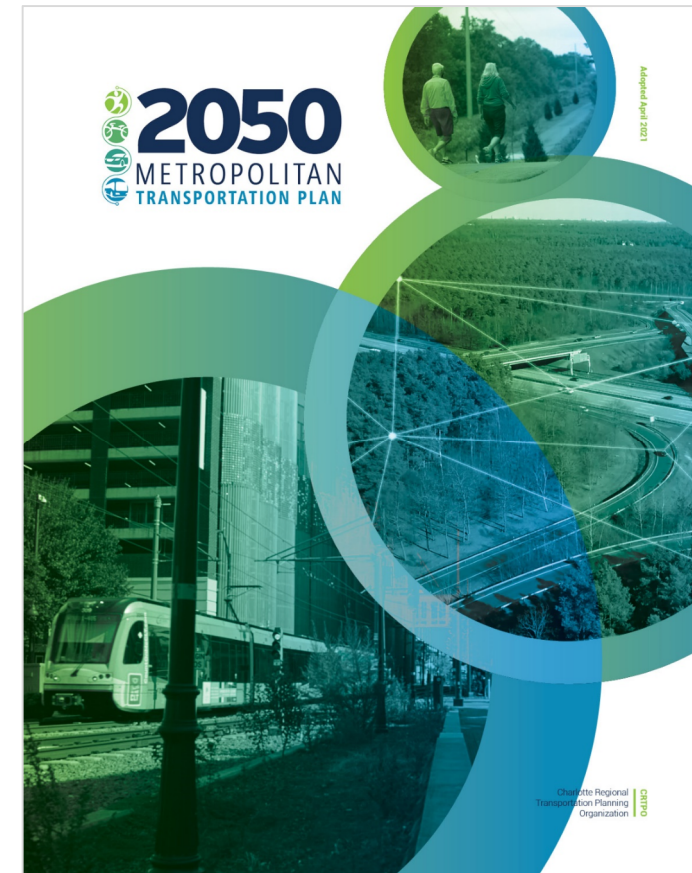
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How is the CTP used?






- MTP stands for **M**etropolitan **T**ransportation **P**lan
- It is a **long-range plan** that establishes goals, objectives, and transportation priorities over the next 20+ years
- It considers **all modes of surface transportation** as well as impacts to the environment, economy, public health, and overall quality of life
- The plan must be **fiscally constrained**, meaning the projects in the plan can be implemented using committed or anticipated revenues
- The plan is **updated a minimum of every 4 years**
- Projects in the **MTP** typically come from the **CTP**



- **FHWA Requirements**

- NCDOT must adopt a new STIP every four years
 - Typically, two-year development cycle for STIP in NC
- MPO's TIPs incorporated directly, without change, into North Carolina's STIP
- Fiscal Constraint
- Conforms with State Implementation Plan for air quality
 - CRTPO is maintenance status for Ozone

- **CRTPO Requirements**

- Ensure TIP is consistent with NCDOT STIP
- Amendments to current MTP
- Air Quality Conformity determination

Process for 2024-2033 STIP Development



Step 1 – Start from scratch – build next STIP from existing 2020-2029 STIP funded projects (no new P6 evaluated projects)

Step 2 – Develop list of “Delivery projects” – first funded based on upcoming let dates, right-of-way purchases, and grants

Step 3 – Determine which of the remaining 2020-2029 funded projects remain in STIP: Seniority Approach (P3-P4-P5)

Notes:

- Projects will retain STIP funding as budget allows per category
- Projects with funding removed will be re-evaluated in P7
- Previously committed projects that maintain funding may also have to be re-evaluated in P7 scoring

Action	Agency Responsible	Milestones
NCDOT releases revised Draft 2024-2033 STIP to MPOs/RPOs	NCDOT	August 4, 2022
Project Schedule Exchange Deadline (with concurrence from NCDOT Division)	MPOs	October 30, 2022
Draft 2033-2024 STIP released for public comment	NCDOT	December 2022

The CRTPO Board approved the two project status swaps within the 2024-2033 STIP:

1. September 21 meeting: Approved the exchange of two sections of US 74/Independence Boulevard project (U-2509C for U-6103).
2. October 19 meeting: Approved the exchange Idlewild Rd for Lawyers Rd and Independence Pointe Parkway (U-4913 for U-2509B and U-6170).

Next Steps: NCDOT 2024-2033 STIP Development

Action	Agency Responsible	Anticipated Milestones (2023)
Open public comment period on Conformity Determination Report, 2050 MTP Amendments, and DRAFT 2024-2033 TIP	CRTPO	March
Public Comment Period (30 Days)	CRTPO	March / April
2024 – 2033 TIP Information Item	CRTPO	June
2024 – 2033 STIP Adoption	NC Board of Transportation	June
2024 – 2033 TIP Adoption	CRTPO Board	July

Prioritization 7.0: Schedule

Action	Anticipated Milestones	
P7 Workgroup Began	Fall 2022	P7 Workgroup Develops Recommendations
Board of Transportation Approves P7 Workgroup Recommendations	Spring 2023	
P7 Submittal Window Opens: MPOs/RPOs/NCDOT Divisions Project Submittal Window	July-September 2023	P7 Project Submittal Window
P7 Scoring Begins	Fall 2023	
NCDOT-SPOT Office develops P7 Quantitative Project Scores	Oct 2023-Mar 2024	

Discretionary Projects Program

- Discretionary funds support projects that improve the community's transportation system
- CRTPO manages and allocates approximately \$59 million in federal discretionary funds annually
- Federal funds originate from four funding sources

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

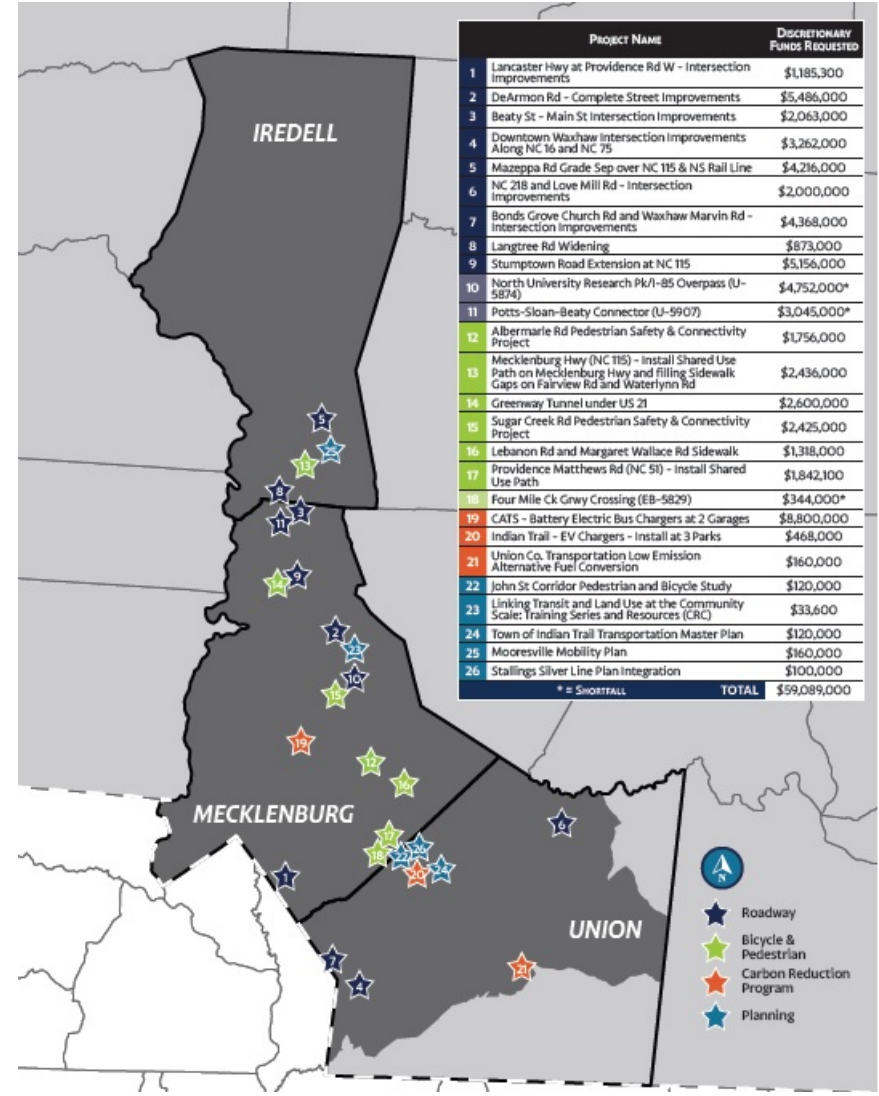
Transportation
Alternatives Program -
Direct Attributable
(TAP-DA)

Congestion Mitigation
Air Quality (CMAQ)

Bonus Allocation
(BA)

Discretionary Projects Program: 2022 Fall Call

Number of Applications (34)	Category	Requested Amount (in Millions)
5	Planning Studies	\$0.5
3	Carbon Reduction Program	\$9.5
9	Highway	\$28.6
14	Bicycle & Pedestrian	\$33
2	Shortfall Roadway	\$7.8
1	Shortfall Bicycle & Pedestrian	\$0.3
Requested Amount		\$79.7 million
Total Available		\$59.1 million
		(\$20.6 million)



Proposed 2022 Discretionary Projects (Union County)

Planning Studies

- Town of **Indian Trail** Transportation Master Plan
- **Stallings** Silver Line Plan Integration

Bicycle and Pedestrian Projects

- Lebanon Rd and Margaret Wallace Rd Sidewalk (Gristmill Ln - Idlewild Rd)

Carbon Reduction Funds

- Union County Transportation - Low Emission Alternative Fuel Conversion (Motor Pool Facility)
- Indian Trail - EV Chargers - Install at 3 Parks (Crooked Creek, Chestnut Square and Crossing Paths Parks)

Intersection Improvements

- Downtown Waxhaw Intersection Improvements along NC 16 and NC 75
- NC 218 and Love Mill Rd - Intersection Improvements
- Bonds Grove Church Rd and Waxhaw Marvin Rd - Intersection Improvements

- **2020 Census: Urban Areas**
 - Coordination with adjacent MPOs on boundaries
 - MOU renegotiation
- **Regional Plan Implementation**
 - CONNECT Beyond: Advancing the Plan Committee
 - Beyond 77 Implementation Task Force
 - CRTPO Strategic Plan
 - 2050 MTP
- **2055 MTP kickoff**
- **Transportation Improvement Program**
 - 2024-2033 TIP adoption – June/July
 - 2026-2035 TIP Development – NCDOT Prioritization 7.0
 - CRTPO submit projects to NCDOT for evaluation (July-Sept 2023)
- **I-77 Unsolicited Proposal**

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Meetings are being held virtually and are streamed on Facebook Live

TCC Meeting

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

CRTPO Board Meeting

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



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