



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

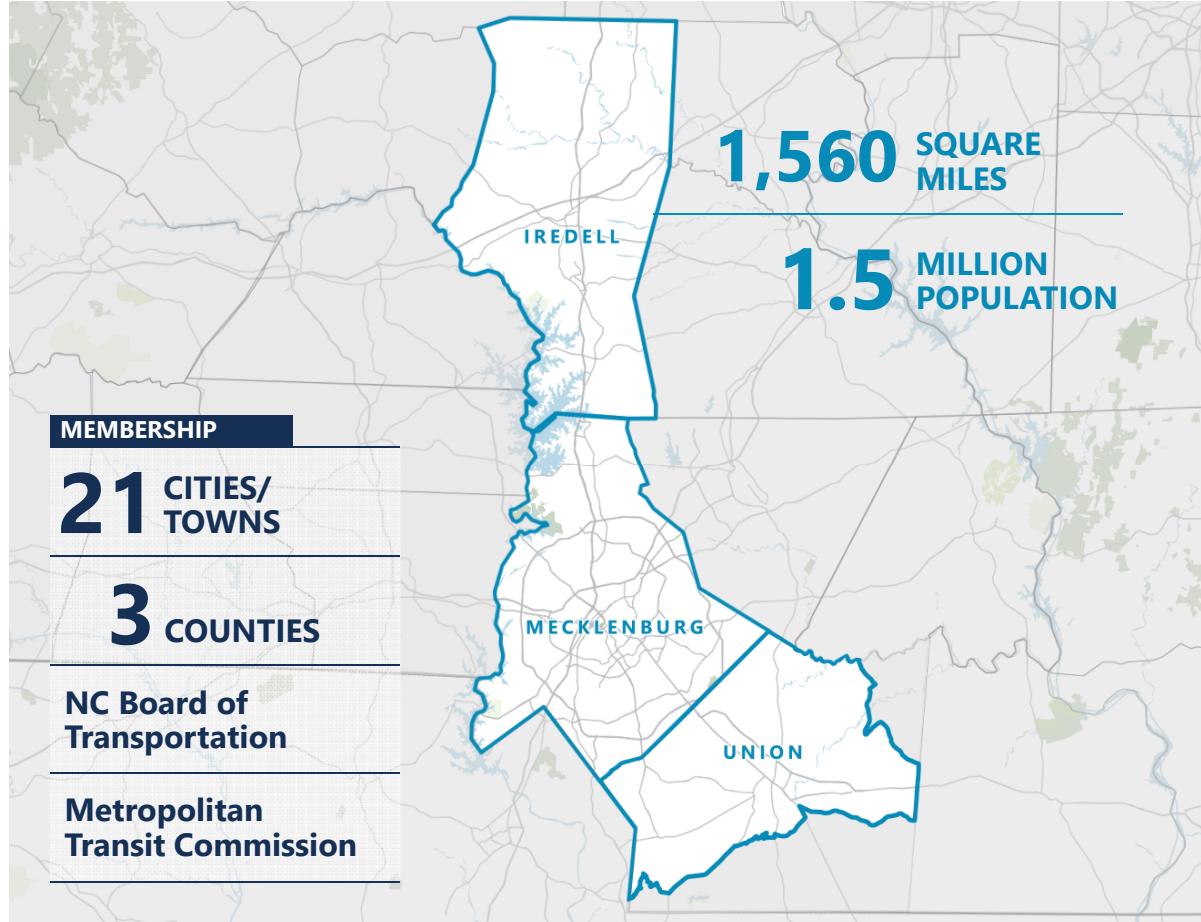
COMPREHENSIVE



COOPERATIVE



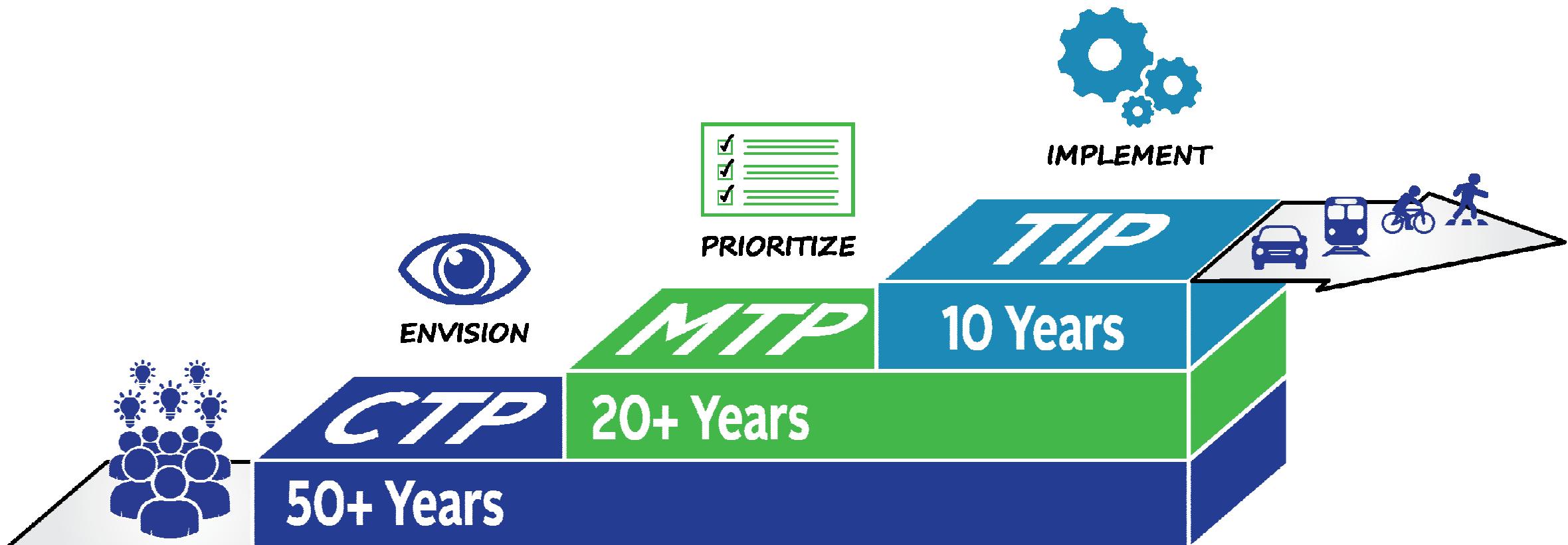
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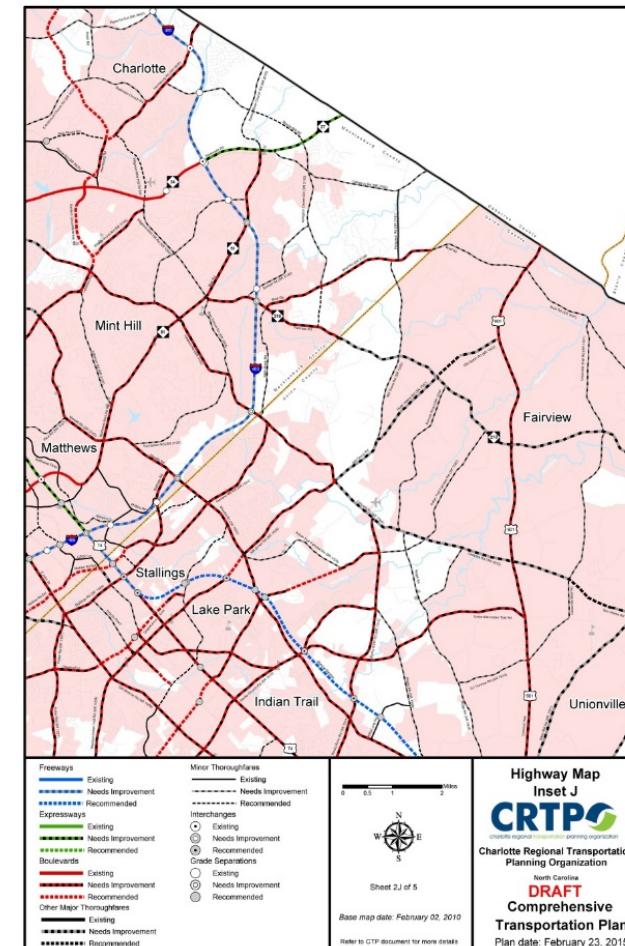
Required planning products ensure CRTPO's primary responsibilities are met

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

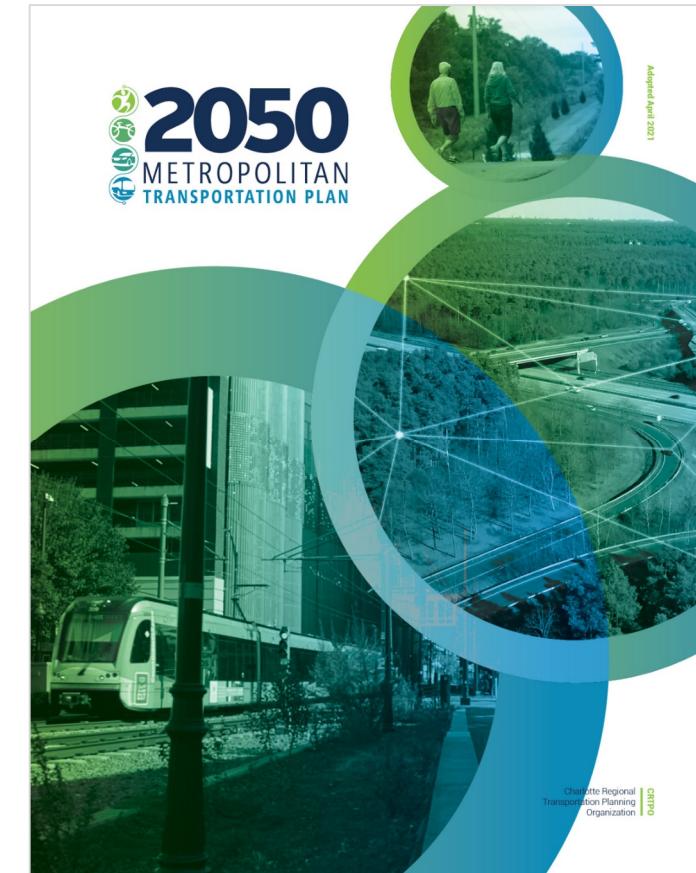




- Long-term vision for the region's transportation network build-out
- Not fiscally constrained
- Emphasizes multi-modal approach
- Four elements
 - Highway
 - Public Transportation & Rail
 - Bicycle
 - Pedestrian
- Coordination with NCDOT has started on CTP 2.0



- MTP stands for **Metropolitan Transportation Plan**
- 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

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)

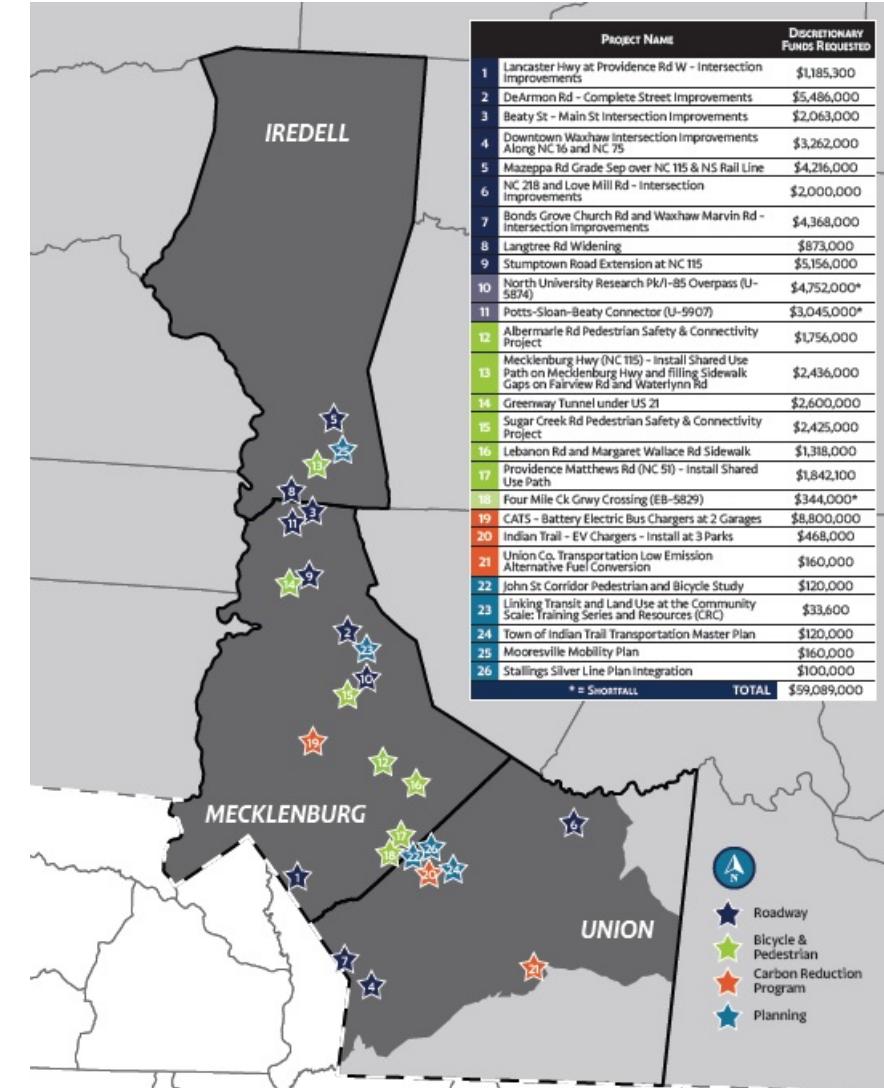
Transportation
Alternatives Program -
Direct Attributable
(TAP-DA)

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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