

**Cabarrus Rowan Urban Area  
Metropolitan Planning Organization  
Transportation Advisory Committee**

**Wednesday January 24, 2024**

**5:30 pm**

**Dinner provided by  
Town of Midland**

**NC Research Campus  
Kannapolis City Hall  
401 Laureate Way  
Kannapolis, NC 28081**

**Agenda**

**1) Call to Order **TAC Chair Barnhardt****

- Pledge of Allegiance
- Roll Call of Members for Quorum & Introduction of Guests
- List of Eligible TAC Voting Members
- Ethics Reminder
- Legislative or Board of Transportation Updates
- Chamber of Commerce Update
- Speakers from the Floor (3 minutes per speaker)
- Adjustments/Approval to the Agenda including Consent

**CONSENT AGENDA**

All items on the consent agenda are considered to be routine and may be enacted by one motion. If a TAC member requests discussion on an item, the item will be removed from the consent agenda and considered separately. The following items are presented for TAC consideration on the Consent Agenda:

**2) Rider Transit Program of Projects (POP) **Phil Conrad****

**INFORMATION:** The Program of Projects is a list of proposed FTA grant requests to support the operations of Rider Transit in Fiscal Year 2024. Rider has elected to use the MPO Public Involvement procedures to process this annual requirement. The MPO advertised a public comment period from November 6 to December 4<sup>th</sup>. No comments were received. Attachment 2 is the POP.

**ACTION/RECOMMENDATION:** 1) Receive a report on Rider Transit's Program of Projects (POP); and 2) Consider adopting the POP.

**3) CR MPO Smoothed Area Boundary **Phil Conrad****

**INFORMATION:** The Census Bureau recently released the new urbanized areas (UZA) across the nation. The UZA for the Cabarrus-Rowan MPO grew significantly in Cabarrus and Rowan Counties. With the new UZA, the MPO will need to confirm the Smoothed Area Boundary. This boundary is consistent with the new UZA and has no impact on funding or planning requirements for the MPO.

**ACTION/RECOMMENDATION:** 1) Receive a report on the Smoothed Area Boundary for the Cabarrus-Rowan MPO; and 2) Endorse the Smoothed Area boundary for the Cabarrus-Rowan MPO.

**4) CTP Amendment** **Phil Conrad**

**INFORMATION:** The Town of Spencer would like to add a connection between Long Ferry Road and Hackett Street as a proposed minor thoroughfare to the MPO's Comprehensive Transportation Plan (CTP). The Town has already incorporated this connection as part of their locally adopted plans. The MPO's CTP was last amended in October 2021. A map and resolution for this amendment is included as attachment 4.

**ACTION / RECOMMENDATION:** 1) Receive a report on the proposed CTP Amendment; and 2) Consider adopting the CTP amendment.

**THIS CONCLUDES THE CONSENT AGENDA**

**5) Approval of October 25, 2023 minutes** **TAC Chair Barnhardt**

**6) Nomination and Election of TAC Vice-Chair** **Phil Conrad**

**INFORMATION:** The Cabarrus-Rowan TAC Bylaws state that a new TAC Vice-Chair must be elected each year. The TAC Vice-Chair rotates to the Chair position automatically. In addition, the TAC Chair and Vice-Chair must be rotated between jurisdictions in Cabarrus and Rowan Counties. The TAC will need to nominate and elect a Vice-Chair from Cabarrus County for 2024.

**ACTION / RECOMMENDATION:** 1) Receive a report on the TAC Vice-Chair vacancy; and 2) Nominate and elect a TAC Vice-Chair for 2024.

**7) FY 2024-2033 MTIP Modification #2** **Phil Conrad**

**INFORMATION:** MPO staff typically brings amendments or modifications from recent NCDOT Board of Transportation agendas to the TCC/TAC for

consideration. The first project modifications are statewide project additions: ER-5600, M-0563D, M-0563E, TC-0031, TC-0033, HS-2015DIV, HS-2015-REG, HS-2015SW, M0552-ADIV, M0552-AREG, M0552-ASW, M0552-BDIV, M0552-BREG, M0552-BSW, M0553-ADIV, M0553-AREG, M0553-ASW, M0553-BDIV, M0553-BREG, and M0553-BSW. The second project modification is the delay of construction to FY 24 for the Old Concord Road sidewalk project (C-5603D). The third project modification is to delay construction to FY 24 for the Brenner Avenue intersection project (C-5603H). The fourth project modification is to accelerate construction to FY 24 for the RCI at NC 24/27 and Pine Bluff Road (HS-2010F). The fifth project modification is to delay construction to FY 27 for the NC 73 widening west of the county line (R-5706A). The seventh project modification is to delete the East Fisher Street bridge project at the request of the City of Salisbury (HM-0001). The eighth project is to add construction in FY 24 for the Division 10 ADA intersection improvements (R-5790). The ninth project is to delay right-of-way to FY 25 for the Jake Alexander Blvd sidewalk (BL-0034). The tenth project is to delay construction to FY 25 for the track improvements, pedestrian underpass, and second platform at the Kannapolis Amtrak Station (P-5725). The eleventh project is to delay construction to FY 25 for the second platform and pedestrian underpass at the Salisbury Amtrak Station (P-5726A). The twelfth project is to add preliminary engineering for the Division 9 ADA intersection improvements (BO-2409). The thirteenth project is to add preliminary engineering for the Division 10 ADA intersection improvements (BO-2410). The fourteenth project is to delay construction to FY 27 for the Bruton Smith Blvd sidewalk project (EB-5732). The fifteenth project is to delay construction to FY 31 for the George Liles Pkwy extension (R-2246A). The sixteenth project is to delay construction to FY 29 for the Poplar Tent Road widening (U-3415A). The seventeenth project is to delay construction to FY 26 for the Union Cemetery Road realignment (U-5956). The eighteenth project is to delay construction to FY 27 for the Derita Road widening (U-6032). Attachment 7 is a resolution modifying the MTIP for these projects. The new STIP became effective on October 1, 2023.

**ACTION/RECOMMENDATION:** 1) Receive a report on modification #2 to the FY 2024-2033 MTIP; 2) Discuss; and 3) Consider endorsing modification #2 to the FY 2024-2033 MTIP.

**8) Performance-Based Planning: Safety Targets** **Brian Murphy**

**INFORMATION:** The federal transportation legislation requires that State DOTs and MPOs adopt performance-based planning as a component of the metropolitan transportation planning process. The NCDOT has released the next round of safety targets for North Carolina and it is up to each MPO to either adopt these targets or devise their own targets. The proposed safety targets were published on the MPO's website and advertised for public comment. A draft resolution in support of the new safety targets for 2024 is included as attachment 8.

**ACTION/RECOMMENDATION:** 1) Receive a report on the NCDOT Safety Targets; 2) Discuss; and 3) Consider adopting the Safety Targets as presented.

**9) 2024 Draft Local Priority Methodology Phil Conrad**

**INFORMATION:** NCDOT staff has indicated that Session Law 2012-84 requires the Department to develop a process for standardizing or approving MPO local input methodology. Given recent changes in the way that points can be flexed between tiers, MPO staff will submit a draft of the Cabarrus-Rowan local input methodology to NCDOT for content review. After the content review, the NCDOT staff will grant conditional approval to the MPO's methodology subject to public input and MPO Board approval. The local priority methodology is included as attachment 9.

**ACTION/RECOMMENDATION:** 1) Receive a report on the Draft 2024 Local Priority Methodology; 2) Discuss; and 3) Consider releasing the Draft Local Priority Methodology for public comment and NCDOT review.

**10) Functional Classification System Request Phil Conrad**

**INFORMATION:** Functional classification is the process by which streets and highways are grouped into classes, or systems according to the character of service they are intended to provide. Generally, highways fall into one of four broad categories: principal arterials, minor arterials, collector roads, and local roads and are based on whether the area is urban or rural. It has been determined that the segment of Julian Road between US 601/Jake Alexander Blvd and I-85 at exit 75 should be designated as a major collector in the federal functional classification system. A draft resolution in support of the proposed functional classification system change is included as attachment 10.

**ACTION/RECOMMENDATION:** 1) Receive a report on the proposed Functional Classification System change for Julian Road; 2) Discuss; and 3) Consider adopting the proposed Functional Classification System change for Julian Road as presented.

**11) Reports / MPO Business Phil Conrad / TAC Members**

- Local Reports – NCDOT Division 9 & 10
- CMAQ Program Update and Awards
- Special Study Update – Town of China Grove
- Pennies for Progress – Union County
- FY 25 Draft UPWP
- Bike and Ped Demonstration Planning Studies



**12) Information Items**

**Phil Conrad**

- Rider and Salisbury Transit Ridership
- NCDOT's Guide to Transportation Decision Making
- TAC Member Orientation: Metropolitan Transportation Planning
- NC MPO Conference – April 17-19

**Next meeting: February 28, 2024**

- Agenda items for February TAC meeting





## NORTH CAROLINA STATE ETHICS COMMISSION

### SAMPLE<sup>1</sup>

### **ETHICS AWARENESS & CONFLICT OF INTEREST REMINDER**

(to be read by the Chair or his or her designee at the beginning of each meeting)

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In accordance with the State Government Ethics Act, it is the duty of every [Board] member to avoid conflicts of interest.

Does any [Board] member have any known conflict of interest with respect to any matters coming before the [Board] today?

If so, please identify the conflict and refrain from any participation in the particular matter involved.

Rev 12-13-12

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<sup>1</sup> N.C.G.S. §138A-15 (e): “At the beginning of any meeting of a board, the chair shall remind all members of their duty to avoid conflicts of interest under [Chapter 138A].” There is no set language required by the Act. Specific language can and should be tailored to fit the needs of each covered board as necessary.

CABARRUS / ROWAN URBAN AREA  
METROPOLITAN PLANNING  
ORGANIZATION



FY 2024 Program of Projects  
Rider Transit System

## How to Make Comments

The Cabarrus-Rowan Metropolitan Planning Organization (MPO) is holding a public comment period on the Draft Program of Projects document from November 6<sup>th</sup> to December 4<sup>th</sup>. **Please submit any comments on the documents that you may have by Monday, December 4<sup>th</sup> to:**

email: [pconrad@rlcassoc.com](mailto:pconrad@rlcassoc.com)

**Mail: Attention: Phil Conrad  
Program of Projects  
Cabarrus-Rowan MPO  
57 Union Street South  
Concord, NC 28025**

For additional information or further assistance, call Phil Conrad at (704) 791-0608 or visit the MPO's website at [www.crmppo.org](http://www.crmppo.org). Comments on the public participation process are also welcome.

### **Locations of Plan Materials:**

The document is also available online at [www.crmppo.org](http://www.crmppo.org).

Copies of the Draft Program of Projects document are also available for public review during the review period at the following locations:

- Cabarrus County Planning Department Office
- Rowan County Planning Department Office
- Rider Transit Center

## **Background**

The annual Program of Projects is a list of projects proposed to be funded in a given fiscal year from Federal Transit Formula Grants, any transit discretionary grants, any Federal Highway Funds flexed to FTA for transit improvements, and state formula grant programs. Such projects must also be identified in the MPO-approved Metropolitan Transportation Improvement Program or the Unified Planning Work Program to be eligible for inclusion in the Program of Projects. The Program of Projects provides an additional opportunity for the public to learn about and comment on planned transit grants for the fiscal year.

The Program of Projects may be developed and approved by the designated recipient (the City of Concord - Rider Transit System) or the Metropolitan Planning Organization. The MPO is responsible for the MTIP and the UPWP, and therefore, Rider Transit has elected to use the MPO's public comment process for its program of projects. There are multiple recipients of Federal Transit grants operating in the MPO area (Salisbury Transit and NCDOT for Cabarrus County and Rowan County). The MPO must follow the Public Participation Plan, which for the Program of Projects requires a 28-day public comment period.

## **FY 2024 Program of Projects**

The FY 2024 Program of Projects includes anticipated FTA formula grants under the following programs: Section 5303 Metropolitan Planning, Section 5307 Urbanized Formula, Section 5310 Enhanced Mobility of Seniors and Individuals with Disabilities, and Section 5339 Bus and Bus Facilities.

The FY 2024 Program of Projects also includes State Maintenance Assistance Program (SMAP) funds administered by NCDOT.

The Program of Projects also describes funds made available to subrecipients and grant details such as a description, federal funding amount, and matching funds amounts. The proposed program as identified in the Draft Program of Projects will be the final program unless amended.

The MPO will seek public input on the Program of Projects under the MPO Public Participation Program. This includes a 28-day public comment period and a public review to be held at the January 24 TAC meeting. The Transportation Advisory Committee will be the body to approve the document.

**Recommended Action: MPO Approval at the January 24 meeting.**

## Section 5307 Urbanized Area Formula Grants – FY 2024

### TG-5103C      Preventive Maintenance: Contracted Maintenance Capital Costs

The City of Concord will apply for Federal capital assistance to support the costs associated with using a third-party contractor to provide transit services. Rider Transit provides the vehicles, but the third-party contractor provides drivers and maintenance staff necessary to provide public transportation services in the City of Concord. Under FTA rules this is counted as preventive maintenance. Eligible expenses are eligible for up to 80% federal reimbursement. Eligible expenses are capped at no more than 40% of overall third-party contractor costs. The proposed grant amount falls under the 40% maximum threshold.

<b>Total Costs:</b>	<b>Federal</b>	<b>Local</b>	<b>State</b>
<b>\$1,500,000</b>	\$1,200,000	\$300,000	N/A

### TG-5103A      Routine Capital

The City of Concord will apply for Federal routine capital assistance to support the purchase of a bus stop shelters, benches, shop equipment, spare parts, engines, farebox, service vehicles, etc.

<b>Total Costs:</b>	<b>Federal</b>	<b>Local</b>	<b>State</b>
<b>\$625,000</b>	\$500,000	\$125,000	N/A

### TG-5173      Purchase Replacement Buses

The City of Concord may apply for Federal capital assistance to support the purchase of replacement buses.

<b>Total Costs:</b>	<b>Federal</b>	<b>Local</b>	<b>State</b>
<b>\$6,800,000</b>	\$5,440,000	\$680,000	\$680,000

### TG-5103B      Routine Capital – ADA Service

The City of Concord will apply for Federal operating assistance for up to 10% of the total operating costs of ADA Paratransit Services. This includes fuel and operator salaries for this service.

<b>Total Costs:</b>	<b>Federal</b>	<b>Local</b>	<b>State</b>
<b>\$375,000</b>	\$300,000	\$75,000	N/A

### TS-5116      Security Enhancements

The City of Concord will utilize at least 1% of 5307 program assistance to enhance security for the Rider Transit system.

<b>Total Costs:</b>	<b>Federal</b>	<b>Local</b>	<b>State</b>
<b>\$25,000</b>	\$25,000	N/A	N/A

TL-0005

**Expansion Bus**

<b>Total Costs:</b>	<b>Federal</b>	<b>Local</b>	<b>State</b>
<b>\$725,000</b>	\$580,000	\$145,000	N/A

TO-5138

**Fixed Route Operating Expenses\***

The City of Concord will apply for Federal operating assistance for Rider’s fixed route services. The proposed project will serve the Concord Urbanized Area and will support public transportation services sponsored by the City of Concord through Rider Transit.

<b>Total Costs:</b>	<b>Federal</b>	<b>Local</b>	<b>State</b>
<b>\$2,713,000</b>	\$1,300,000	\$1,100,000	\$313,000

**Section 5310 Enhanced Mobility of Seniors & Individuals with Disabilities – FY 2024**

The City of Concord will apply for Section 5310 Enhanced Mobility for Seniors and Persons with Disabilities funding and consistent with the Coordinated Human Services Transportation Plan.

**Section 5310 Operating (TA-5128B)**

Request operating assistance for competitively selected projects to support transportation services to the elderly and disabled for employment, education, and medical trips.

<b>Total Costs:</b>	<b>Federal:</b>	<b>Local:</b>	<b>State:</b>
<b>\$450,000</b>	\$225,000	\$225,000	N/A

**Section 5310 Program Administration (TA-5128C)**

Request administrative support to administer the grants, compliance, and reporting program for the City of Concord. Up to 10% of available funds may be used for this purpose.

<b>Total Costs:</b>	<b>Federal:</b>	<b>Local:</b>	<b>State:</b>
<b>\$50,000</b>	\$50,000	N/A	N/A

**Section 5310 Capital (TA-5128A)**

Request capital assistance for competitively selected projects to support transportation services to the elderly and disabled for employment, education, and medical trips.

<b>Total Costs:</b>	<b>Federal:</b>	<b>Local:</b>	<b>State:</b>
<b>\$625,000</b>	\$500,000	\$125,000	N/A

**Section 5339 Bus and Bus Facility Program – FY 2024**

**Bus and Bus Facilities – Routine Capital (TA-5130A)**

The City of Concord may apply for Federal capital assistance to support the purchase of routine capital - bus stop shelters, benches, shop equipment, spare parts, engines, farebox, vehicles, etc. using Section 5339 funds.

<b>Total Costs:</b>	<b>Federal:</b>	<b>Local:</b>	<b>State:</b>
<b>\$250,000</b>	\$200,000	\$50,000	N/A



**Bus and Bus Facilities - Expansion Buses (TA-5130B)**

The City of Concord may apply for Federal capital assistance to support the purchase of bus and paratransit vehicles to support increases in service using Section 5339 funds.

<b>Total Costs:</b>	<b>Federal:</b>	<b>Local:</b>	<b>State:</b>
<b>\$500,000</b>	\$400,000	\$100,000	N/A

**Section 5303 Planning Assistance – FY 2024**

**Planning Assistance – 5303 (TP-5118)**

The City of Concord will apply for Federal planning assistance to support transit planning by the Cabarrus-Rowan MPO.

<b>Total Costs:</b>	<b>Federal:</b>	<b>Local:</b>	<b>State:</b>
<b>\$304,000</b>	\$243,200	\$30,400	\$30,400

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**Specific projects to be considered in FY24:**

- Cabarrus County Long Range Public Transit Master Plan implementation
  - Priority 1- System Consolidation and Implementation Plan (Rider Transit and CCTS)
- Customer Satisfaction Program Plan
- Rider Transit Bus Stop Amenity Program (ongoing)
- Public Transportation Agency Safety Plan (annually)
- ADA Transition Plan
- Bus replacement and expansion procurement
- ADA Paratransit vehicle replacement procurement
- TSA Security Assessment Program (on-going)
- Microtransit pilot and analysis

**RESOLUTION APPROVING THE FY 2024 PROGRAM OF PROJECTS FOR FEDERAL AND STATE TRANSIT GRANTS FOR THE CABARRUS-ROWAN MPO**

A motion was made by TAC Member \_\_\_\_\_ and seconded by TAC Member \_\_\_\_\_ for the adoption of the following resolution and upon being put to a vote was duly adopted.

**WHEREAS**, the Federal Transit Administration provides Federal funds to support public transportation services under the Infrastructure Investment and Jobs (IIJA) Act; AND

**WHEREAS**, NCDOT provides matching funds for these grants in some instances and also provides a State Maintenance Assistance Grant; AND

**WHEREAS**, Federal regulations require the designated recipient, the City of Concord, and the Metropolitan Planning Organization to cooperatively develop an annual Program of Projects; AND

**WHEREAS**, the Metropolitan Planning Organization is empowered to conduct the public review and input process and to approve the Program of Projects; AND

**WHEREAS**, the Program of Projects must identify all projects to be funded with federal transit formula funds to include a project description, project costs, and applicable transit agency information; AND

**WHEREAS**, the operating and capital projects listed in the Program of Projects must be consistent with the Metropolitan Transportation Improvement Program and planning projects must be consistent with the Unified Planning Work Program; AND

**WHEREAS**, MPO area transit agencies, including the designated recipient City of Concord -- Rider Transit System, as well as the NCDOT will apply for and receive grants from the Federal Transit Administration consistent with the Program of Projects; AND

**WHEREAS**, the MPO and the City of Concord comply with and will ensure compliance to the provisions of Title VI of the Civil Rights Act of 1964; AND

**WHEREAS**, the MPO hereby assures and certifies compliance with the Federal Statutes, regulations, executive orders, the Section 5333(b) Labor Protection requirements, and all administrative requirements which relate to the applications made to and grants received from the Federal Transit Administration; AND

**WHEREAS**, on June 9, 2023 the Federal Highway Administration and the Federal Transit Administration jointly certified that the MPO substantially meets the federal metropolitan transportation planning requirements, for a period of four years;

**NOW Therefore be it resolved**, by the Cabarrus-Rowan Transportation Advisory Committee, to approve the FY 2024 Program of Projects, dated January 24, 2024, on this, the 24<sup>th</sup> day of January, 2024.

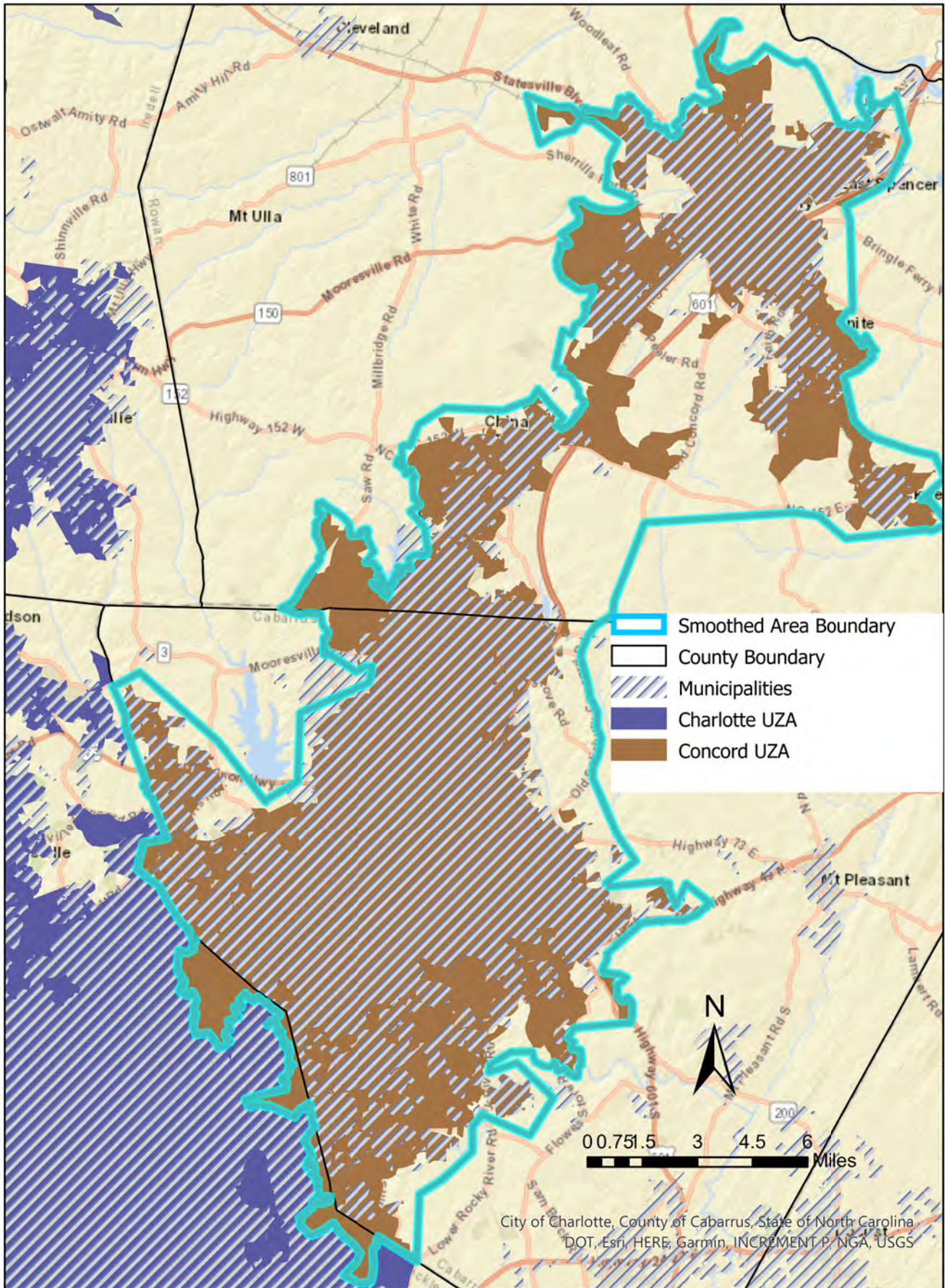
I, \_\_\_\_\_, TAC Chair,  
*(Name of Certifying Official)* *(Title of Certifying Official)*

do hereby certify that the above is a true and correct copy of an excerpt from the minutes of a meeting of the Cabarrus-Rowan TAC duly held on this, the 24th day of January, 2024.

\_\_\_\_\_  
Chair, Transportation Advisory Committee



# 2020 US Census Smoothed Area Boundary



**Resolution**  
**Amending the Comprehensive Transportation**  
**Plan for the Cabarrus-Rowan MPO**

**WHEREAS**, the Cabarrus-Rowan Metropolitan Planning Organization and the Transportation Planning Branch, North Carolina Department of Transportation actively worked to develop a comprehensive transportation plan for the Cabarrus-Rowan MPO; and

**WHEREAS**, the MPO and the Department of Transportation are directed by North Carolina General Statutes 136-66.2 to reach agreement for a transportation system that will serve present and anticipated volumes of traffic in the MPO; and

**WHEREAS**, it is recognized that the proper movement of traffic within and through the MPO is a highly desirable element of the comprehensive plan for the orderly growth and development of the MPO; and

**WHEREAS**, after full study of the plan, the MPO Transportation Advisory Committee feel it to be in the best interest of the MPO to amend the plan pursuant to General Statutes 136-66.2;

**NOW THEREFORE, BE IT RESOLVED:** that the Cabarrus-Rowan MPO Comprehensive Transportation Plan as shown on a map dated January 24, 2024, be approved and amended as a guide in the development of the transportation system in the MPO and the same is hereby recommended to the North Carolina Department of Transportation for its subsequent adoption.

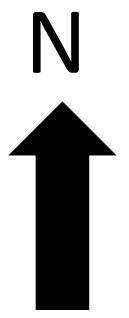
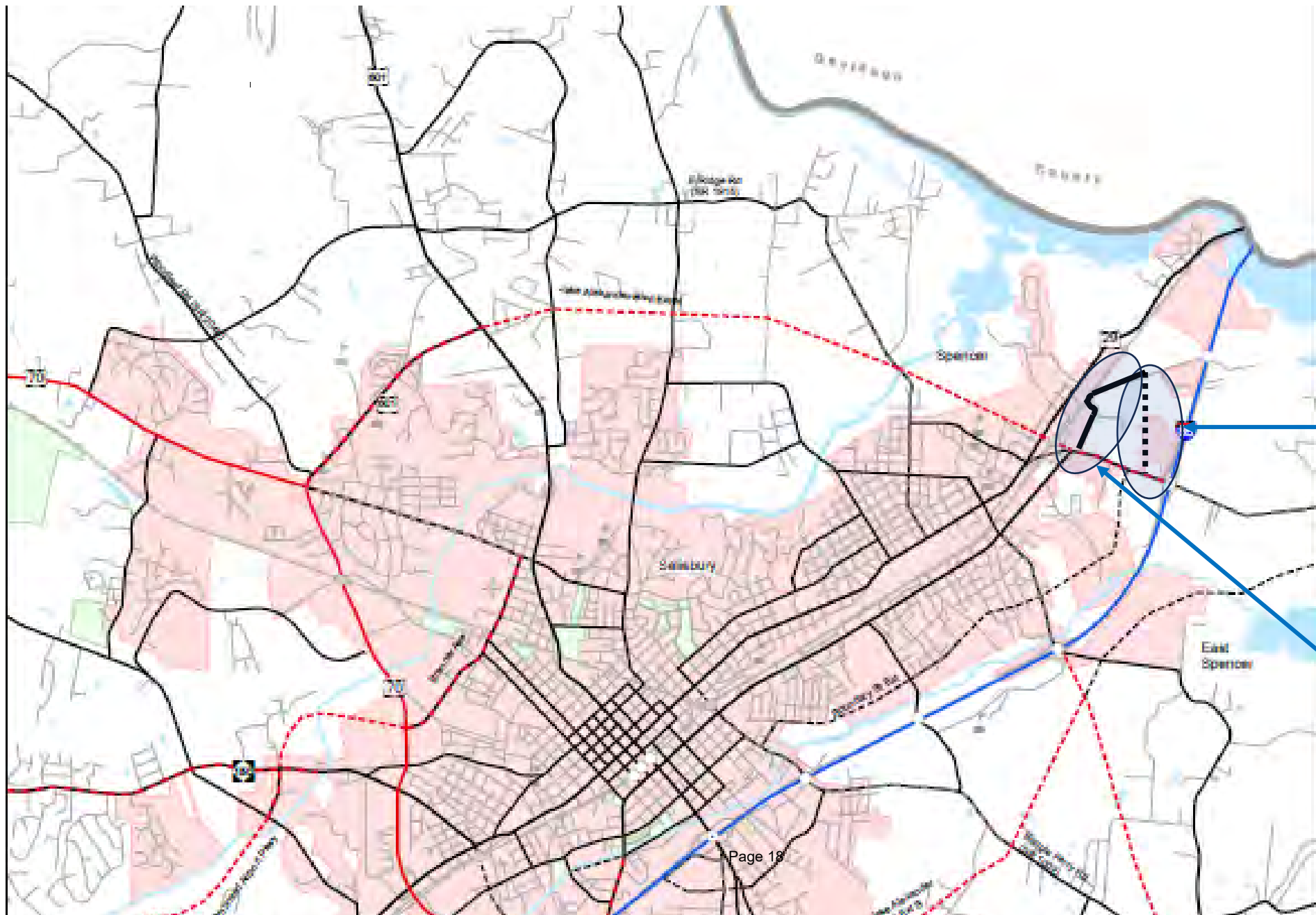
**ADOPTED**, this the 24<sup>th</sup> day of January 2024.

I, Brittany Barnhardt, hereby certify that the foregoing is a true and correct copy of a resolution adopted in an adjourned meeting of said MPO held on January 24, 2024. WITNESS my hand and official seal this the 24th day of January, 2024.

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Signature of the TAC Chair  
Transportation Advisory Committee





Proposed  
Connector  
Road

Existing minor  
thoroughfare  
sections of  
Hackett and  
Five Row  
Streets

TOWN OF SPENCER, NORTH CAROLINA

Resolution 24-04

***A resolution requesting Amendment of the Comprehensive Transportation Plan by the Cabarrus-Rowan MPO to show a Proposed Access Road and Intersection Realignment***

WHEREAS, the Town of Spencer has identified several hundred acres of land north of Long Ferry Road, west of I-85 and east of the NC Railroad (including the existing Innospec plant, the old NC Finishing Company site, and what has been identified as the Fisher Lamb site) that is prime for commercial and industrial development; and

WHEREAS, while this property is in close proximity to I-85 access, it has limited road access to the interstate using Hackett and Five Row Streets which are narrow streets running through a residential neighborhood, said routing being inadequate for commercial truck traffic; and

WHEREAS, a more direct route to I-85 for commercial and industrial traffic is essential in supporting existing industry and developing new businesses in this area; and

WHEREAS, commercial and industrial development in and around the Long Ferry Road corridor is recognized as an important economic development priority by the Town's *Comprehensive Land Use Plan*, adopted by the Board of Aldermen in May of 2022 after public input and a public hearing; and

WHEREAS, a recently completed *Long Ferry Road Corridor Study*, adopted by the Board of Aldermen after a public hearing and public workshop, identifies the need for a new access road from Long Ferry Road north to Hackett Street to provide needed access to existing industry and undeveloped industrial property; and

WHEREAS, the *Long Ferry Road Corridor Study* also identified the need to realign the intersection at Long Ferry Road of the new access road and existing Montclair Drive and Hinkle Lane to better manage increased traffic movements predicted by this study;

NOW THEREFORE, BE IT RESOLVED: that the Spencer Board of Aldermen do support efforts to proceed with this road construction and intersection realignment, and as a part of that effort request that the Cabarrus-Rowan MPO take actions as needed to initiate revisions to the MPO's *Comprehensive Transportation Plan Map* to show this road addition and intersection realignment, and the same is requested of the NC Dept. of Transportation for subsequent adoption of said map.

ADOPTED, this the 9<sup>th</sup> of January, 2024.

By: \_\_\_\_\_

*Jonathan Williams*  
Jonathan Williams  
Mayor

ATTEST:

*Anna Kanode Ward*  
Anna Kanode Ward  
Town Clerk



# MINUTES

## TRANSPORTATION ADVISORY COMMITTEE

Wednesday, October 25, 2023

NC Research Campus  
Kannapolis City Hall  
401 Laureate Way  
Kannapolis, NC 28081

### Members

JC McKenzie	City of Concord
Greg Edds	Rowan County
Karen Alexander	City of Salisbury
Justin Simpson	Town of Mount Pleasant
Mike Tallent	Town of Midland
Brittany Barnhardt	Town of Granite Quarry
Steve Miller	Town of Spencer
Ron Smith	Town of Harrisburg
Cheryl Sheets	Town of China Grove
Delores High	Town of East Spencer
Tim Furr	Cabarrus County

### Others

Phil Conrad	CRMPO Director
Theo Ghitea	NCDOT Div 10
Pat Ivey	NCDOT Div 9
Chris Peoples	NCDOT
Phillip Craver	NCDOT Div 9
Albert Smith	East Spencer
Loretta Barren	FHWA
Brett Canipe	NCDOT Div 10
Sean Epperson	NCDOT Div 10
Wilmer Melton	City of Kannapolis
Connie Cunningham	CRMPO Staff
Lori Furr	Town of Mt. Pleasant
Tamara Sheffield	City of Salisbury

### Call to Order

The Cabarrus Rowan MPO TAC was called to order by TAC Vice Chairman Brittney Barnhardt. Vice Chairman Barnhardt welcomed those in attendance and asked all present to recite the Pledge of Allegiance to a flag displayed. At that time, CRMPO Director Phil Conrad thanked the Town of Rockwell for a meal that was served prior to the start of the meeting. TAC Vice Chairman Barnhardt proceeded to call the roll of eligible voting TAC members and determined that a quorum had been met.

Vice Chairman Barnhardt continued by reading the NC State Ethics Commission Ethics Awareness and Conflict of Interest requirement and stated that should a conflict arise during any part of the meeting; members should recuse themselves from that portion of the meeting.

At this time CRMPO Director Phil Conrad introduced Mr. Chris Peoples newly designated COO at NCDOT. Director Conrad read a bio on Mr. Peoples. Mr. Peoples addressed the TAC members and reported that NCDOT has been working on their budget and making some good funding improvements. He reported they are working to develop better project estimates. He talked about Design/Build projects and reviewed the need to be able to sell the Build NC bonds



for additional funding. Mr. Peoples reviewed what his office is currently working on and their plans for future priorities. Director Conrad thanked Mr. Peoples for coming and speaking with the TAC members.

Director Conrad addressed the members and went into detail explaining the update on Legislative Session Law 2023-136. He explained that changes were made in the NCDOT Board Member appointment process. Those approved changes would now call for Board Members to be appointed based on funding regions with there being 14 appointments from those regions and 6 at-large appointments made by the current Governor of North Carolina. With little discussion, Director Conrad turned the meeting back to the Vice Chairman.

Vice Chairman Barnhardt asked for any Chamber of Commerce updates. CRMPO Director Phil Conrad addressed the members on behalf of Cabarrus Chamber. He reminded TAC members about the upcoming Cabarrus County Chamber's State of the Region Summit scheduled for November 17, 2023. With no other reports heard, Vice Chairman Barnhardt asked if there were any speakers from the floor. With none being heard she moved on to the next order of business.

TAC Vice Chairman Barnhardt asked if there were any adjustments to the meeting agenda including the Consent Agenda. Without any adjustments being heard Mr. Greg Edds made a motion to approve the agenda including Consent Agenda as presented. Mrs. Meredith Bare Smith seconded the motion and TAC members voted unanimously to approve.

## **CONSENT AGENDA**

All items on the consent agenda are considered routine and may be enacted by one motion. If a TAC member requests discussion on an item, the item will be removed from the consent agenda and considered separately. The following items were presented for TAC consideration on the Consent Agenda:

### **RIDER Transit Program of Projects**

The RIDER Transit System's Program of Projects (POP) is a list of proposed FTA grant requests to support the operations of Rider Transit in Fiscal Year 2024. RIDER Transit has elected to use the CRMPO Public Involvement procedures to process their annual requirement. Attachment 2 is a copy of the POP to release for public comment.

### **Performance Based Planning: Safety Targets**

Federal transportation legislation requires that State DOTs and MPOs adopt performance-based planning as a component of the metropolitan transportation planning process. NCDOT has released the next round of safety targets for North Carolina, and it is up to each MPO to either adopt these targets or devise their own targets. He explained why this planning is necessary to address Statewide Trends, Safety Programs and Safety Resources. Attachment 3 is a draft resolution on the new safety targets for 2024 to release for public comment.

## **THIS CONCLUDES THE CONSENT AGENDA**

### **Approval of August 23, 2023 Minutes**

Vice Chairman Barnhardt called members' attention to the minutes from the August 23, 2023 meeting included in their meeting packets. Vice Chairman Barnhardt asked if there were any corrections or additions to the minutes. With none being heard, Mr. Ron Smith made the motion to approve the minutes as presented. Mr. Justin Simpson seconded the motion and the TAC members followed with a unanimous vote to approve.

### **FY 2024-2033 MTIP Modification #1**

CRMPO Director Phil Conrad reported that MPO staff typically bring amendments or modifications from recent NCDOT Board of Transportation agendas to the TCC/TAC for consideration. The first project modifications Director Conrad reviewed all of the modifications with the members and explained the items are statewide project additions: HM-9999, HS-2420DIV, HS-2420, HS-2420REG, HS-2420SW, HS-2421DIV, HS-2421REG, HS-2421SW, HS-2422DIV, HS-2420REG, HS-2422SW, SM6215DIV, SM-6215REG, SM-6215SW, HO-0010B, M-556, TO-0004, P-2918, P5719C, TC-0008, TC-0010, and TC-0012. He continued by stating the second project modification is the addition of preliminary engineering for the Concord sidewalk projects (BL-0087). The third project modification is to delay construction to FY 24 for the north apron expansion at Concord Regional Airport (AV-5892). The fourth project modification is to delay construction to FY 25 for the Bethpage Road sidewalk (C5603F). The fifth project modification is to delay construction to FY 24 for the Grants Creek Greenway (EB-5619B). The sixth project modification is to delay construction to FY 24 for the Grants Creek Greenway (EB-5619C). The seventh project modification is to the cost increase for the NC 152 roundabout (HE-0009). The eighth project modification is to delay right-of-way to FY 24 for the Poplar Tent and Harris Intersection project (HL-0001). The ninth project modification is to delay right-of-way to FY 24 for the Brenner Avenue roundabout project (HE0049). The tenth project modification is to delay construction to FY 25 for the US 29/Main Street improvements (HL-0064). The eleventh project modification is to add intersection improvements at NC 152 and NC 153 with construction in FY 24 (HS-2009I). The twelfth project modification is to add wrong way pavement marking signs on I-85 in FY 24 (HS-2010M). The thirteenth project modification is to increase the cost for the equipment and capital yard maintenance facility (P- 2918). The fifteenth project modification is to delay construction to FY 24 for the Piedmont Corridor trains and maintenance facility (P-5719C). The sixteenth project modification is to delay construction to FY 24 for the Norfolk Southern crossover relocation (P-5726B). The seventeenth project modification is to accelerate right-of-way to FY 24 for the Salisbury Train Station waiting area improvements (P-5733). The eighteenth project modification is the segmenting of NC 73 into BA and BB for R-5706B. The nineteenth project modification is the delay of construction to FY 26 for the Dale Earnhardt Blvd intersection improvements (U-5761). The twentieth project modification is the addition of segment E to the Rice Street and Cannon Farm Road project (W-5709E) in FY 24. The twenty-first project modification is to delay construction to FY 24 for the Old Salisbury Road/Irish Potato Road safety improvements (W-5710AO). The twenty-second project modification is the cost increases to the North Main Street improvements (U-6062). The twenty-third project modification is the project break for the Robinson Church Road/Peach Orchard Road improvements (HS-2010R). The

twenty-fourth project modification is the project break for the NC 49/Old Airport Road U-turn bulb-out (HS-2010Q). The twenty-fifth project modification is the project break for the NC 49/US 601 rumble strips (HS-2010P). The twenty-sixth project modification is the project break for the NC 73 rumble strips (HS2010O). The twenty-seventh project modification is the delay of right-of-way to FY 24 for the Little Texas Road sidewalk (EB-5844). The twenty-eighth project modification is the delay of right-of-way to FY 24 for the US 601/Flowers Store Road intersection improvements (C-5603I). The final project modification Director Conrad explained is the project addition related to a federal grant for pedestrian safety elements such as countdown signal heads, crosswalks, etc. (BO-2419)

In closing Director Conrad referenced Attachment 5 in their packets which was a resolution modifying the MTIP for these projects. Director Conrad stated the new STIP was adopted in June 2023 and became effective October 1, 2023.

With no questions or comments, Mrs. Meredith Bare Smith made a motion to endorse modification #1 to the FY 2024-2033 MTIP. Mr. Justin Simpson seconded the motion and the TAC members voted unanimously to approve

### **Metrolina Regional Travel Model Inputs**

Director Conrad reported to the TAC members that the CRMPO is currently one of four MPO's in the proposed non-attainment Metrolina/Charlotte Region. He went on to say that the CRMPO will be working on projecting population and employment for the four horizon years in the Metrolina Regional Model: 2025, 2035, 2045, and 2055. Director Conrad then provided a PowerPoint presentation to the TAC members explaining the process.

After the presentation, Director Conrad called members' attention to Attachment 6 in their packets which summarized that the CRMPO TAC is being asked to adopt county-level projections (control totals) for future population and employment in Cabarrus and Rowan counties for the 2055 MTP's four horizon years: 2025, 2035, 2045 and 2055. He explained that development of updated socioeconomic data is an essential component of the development of the 2055 Metropolitan Transportation Plan. These projections, he went on to say will inform allocation and distribution of future socioeconomic growth estimates at the TAZ level throughout the two counties of Cabarrus and Rowan.

Director Conrad referenced Table 1 and Table 2 included in their packet which were the projections on population and employment for the CRMPO. He reviewed the Tables with the members. After he concluded and with no questions or comments being heard, Mr. J.C. McKenzie made a motion to endorse the socioeconomic projections for Cabarrus and Rowan Counties. Mrs. Meredith Bare Smith seconded the motion and the TAC members voted unanimously to approve.

### **Reports/CRMPO Business**

1. Local Reports - NCDOT Division 9 & 10 – Mr. Pat Ivey, NCDOT Division 9 reported to the TAC members that Division 9 Updates are included in their meeting packet. He called attention to project B-5772 which had delays due to issues with the railroad that have since been resolved.

He also reported that project 17BP9 has been let, project HS-2009D is almost complete and project HE-0009 let date has been delayed.

Mr. Brett Canipe, NCDOT Division 10 called TAC members' attention to a spreadsheet of Division 10 project updates as well. He reviewed the Stough Road bridge replacement project and stated it has been postponed, but a temporary repair has been made to the bridge until a permanent solution is made. He also reported to the members that the Stonewall Jackson pedestrian bridge repairs are complete.

**2.** Division 10 P7.0 List and Funding Update for P7.0 - Director Conrad and NCDOT staff reported to the TAC members' attention page 80 which was a spreadsheet of the projects submitted by Division 10 for P7.0.

**3.** RCI Letter of Support – Division 10- Mr. Theo Ghitea from NCDOT Division 10 provided TAC members with a PowerPoint presentation on Reduced Conflict Intersections (RCI). The PowerPoint explained what an RCI is and provided pictures of how it would work as well as how much safer it is for the traveling public. Mr. Ghitea reported that NCDOT has completed a study of these types of intersections and found them to be much safer in traffic operations, flexibility, costs, and impacts. Mr. Ghitea requested that the CRMPO TAC endorse a letter of support for the RCI concept.

With no questions heard, Mr. JC McKenzie made a motion to endorse a letter of support for Reduced Conflict Intersections. Mr. McKenzie also praised the use of roundabouts and diverging diamonds in our area. Mrs. Meredith Bare Smith then seconded the motion and the TAC members voted unanimously to approve.

**4.** CMAQ Program Update - Director Conrad reviewed a list of CMAQ projects in the CRMPO with the TAC members that have been submitted to NCDOT for additional funds.

**5.** TPD Policy for Non-Federal Match – Director Conrad reviewed the Policy information provided in their meeting packets.

**6.** NCDOT *DRAFT* Carbon Reduction Strategy – CRMPO Director Phil Conrad called members' attention to information included in their packet regarding NCDOT's *DRAFT* Carbon Reduction Strategy. He explained that this program provides funds for projects that reduce carbon dioxide (CO2) emissions from the transportation sector.

**7.** Special Studies Update – Director Conrad reported to the members that the NC 152 East Study is underway. Director Conrad also announced that the NCDOT TPD liaison Roger Castillo will be leaving the CRMPO to accept a similar position as liaison to the CRTPO.

**8.** NCDOT Feasibility Study Grant Award to Cabarrus County for MicroTransit - Director Conrad highlighted a letter from Mr. Bob Bushey with Cabarrus County Transportation regarding a grant to the County from NCDOT to conduct a MicroTransit feasibility study. The email reported that the kickoff will begin soon. Director Conrad reported that this study will cover southern Rowan up to China Grove as well as Kannapolis and Concord.

### **Informational Items**

- ✦ RIDER Transit and Salisbury Transit Ridership Information - Phil called the TAC members' attention to the ridership information included in their packets.
- ✦ Division 10 Organizational Chart and Contact Information – provided as information in their packets.

Next Meeting : November 15, 2023

### **Adjournment**

With no other business to bring before the TAC, Mr. Ron Smith made a motion that the meeting by adjourned. Mr. Justin Simpson seconded the motion and the meeting adjourned.

RESOLUTION ADOPTING MODIFICATION #2 TO THE CABARRUS-ROWAN  
METROPOLITAN TRANSPORTATION IMPROVEMENT PROGRAM FOR FY 2024-2033

**WHEREAS**, the Metropolitan Transportation Improvement Program (MTIP) is a staged multiple year listing of all federally funded transportation projects scheduled for implementation within the Cabarrus-Rowan Urban Area which have been selected from a priority list of projects; and

**WHEREAS**, the document provides the mechanism for official endorsement of the program of projects by the Transportation Advisory Committee (TAC); and

**WHEREAS**, the Transportation Advisory Committee has reviewed the current FY 2024-2033 Transportation Improvement Program, dated October 1, 2023, and found the need to modify it;

**WHEREAS**, the following attached modification has been proposed.

**WHEREAS**, Projects listed in the MTIP are also included in the State TIP (STIP) and balanced against anticipated revenues as identified in the STIP; and

**WHEREAS**, the Metropolitan Transportation Plan has a planning horizon year of 2050, and meets all the requirements in 23 CFR 450; and

**WHEREAS**, the Transportation Advisory Committee has found that the Transportation Improvement Program conforms to the purpose of the North Carolina State Implementation Plan (*or interim emissions tests in areas where no SIP is approved or found adequate*) for maintaining the National Ambient Air Quality Standards in accordance with 40 CFR 51 & 93; and

**WHEREAS**, the Transportation Advisory Committee has determined that the proposed modification is exempt from the requirements for determining air quality conformity in accordance with 40 CFR 93.127.

**NOW THEREFORE**, be it resolved by the Cabarrus-Rowan Urban Area Transportation Advisory Committee that the FY 2024-2033 Metropolitan Transportation Improvement Program dated October 1, 2023, for the Cabarrus Rowan Urban Area Metropolitan Planning Organization be modified as listed above on this the 24th day of January, 2024.

I, Brittany Barnhardt, Transportation Advisory Committee Chair, do hereby certify that the above is a true and correct copy of the excerpt from the minutes of a meeting of the Cabarrus-Rowan Transportation Advisory Committee, duly held on the 24th day of January 2024.

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Brittany Barnhardt, Chair  
Transportation Advisory Committee

## Modifications to the 2024-2033 STIP

Statewide project additions: R-5600, M-0563D, M-0563E, TC-0031, TC-0033, HS-2015DIV, HS-2015-REG, HS-2015SW, M0552-ADIV, M0552-AREG, M0552-ASW, M0552-BDIV, M0552-BREG, M0552-BSW, M0553-ADIV, M0553-AREG, M0553-ASW, M0553-BDIV, M0553-BREG, and M0553-BSW.

- The second project modification is the delay of construction to FY 24 for the Old Concord Road sidewalk project (C-5603D).
- The third project modification is to delay construction to FY 24 for the Brenner Avenue intersection project (C-5603H).
- The fourth project modification is to accelerate construction to FY 24 for the RCI at NC 24/27 and Pine Bluff Road (HS-2010F).
- The fifth project modification is to delay construction to FY 27 for the NC 73 widening west of the county line (R-5706A).
- ~~The sixth project modification is to add a project break for the Henderson Grove Church Road railroad crossing project (Y-55001A).~~
- The seventh project modification is to delete the East Fisher Street bridge project at the request of the City of Salisbury (HM-0001).
- The eighth project is to add construction in FY 24 for the Division 10 ADA intersection improvements (R-5790).
- The ninth project is to delay right-of-way to FY 25 for the Jake Alexander Blvd sidewalk (BL-0034).
- The tenth project is to delay construction to FY 25 for the track improvements, pedestrian underpass, and second platform at the Kannapolis Amtrak Station (P-5725).
- The eleventh project is to delay construction to FY 25 for the second platform and pedestrian underpass at the Salisbury Amtrak Station (P-5726A).
- The twelfth project is to add preliminary engineering for the Division 9 ADA intersection improvements (BO-2409).
- The thirteenth project is to add preliminary engineering for the Division 10 ADA intersection improvements (BO-2410).
- The fourteenth project is to delay construction to FY 27 for the Bruton Smith Blvd sidewalk project (EB-5732).
- The fifteenth project is to delay construction to FY 31 for the George Liles Pkwy extension (R-2246A).
- The sixteenth project is to delay construction to FY 29 for the Poplar Tent Road widening (U-3415A).
- The seventeenth project is to delay construction to FY 26 for the Union Cemetery Road realignment (U-5956).
- The eighteenth project is to delay construction to FY 27 for the Derita Road widening (U-6032).

REVISIONS TO THE 2024-2033 STIP  
HIGHWAY PROGRAM

STATEWIDE PROJECT

STIP ADDITIONS

M-0552ADIV STATEWIDE PROJ.CATEGORY DIVISION	- STATEWIDE PROJECT	ROADWAY DESIGN - OPEN ROADS DESIGNER (ORD) TRAINING AND DEVELOPMENT. <u>ADD PRELIMINARY ENGINEERING NOT PREVIOUSLY PROGRAMMED. THIS ACTION ADDS THE PROJECT TO THE FEDERALLY APPROVED STIP.</u>	ENGINEERING	FY 2024 - \$300,000 (T) FY 2025 - <u>\$300,000</u> (T) \$600,000
M-0552AREG STATEWIDE PROJ.CATEGORY REGIONAL	- STATEWIDE PROJECT	ROADWAY DESIGN - OPEN ROADS DESIGNER (ORD) TRAINING AND DEVELOPMENT. <u>ADD PRELIMINARY ENGINEERING NOT PREVIOUSLY PROGRAMMED. THIS ACTION ADDS THE PROJECT TO THE FEDERALLY APPROVED STIP.</u>	ENGINEERING	FY 2024 - \$300,000 (T) FY 2025 - <u>\$300,000</u> (T) \$600,000
M-0552ASW STATEWIDE PROJ.CATEGORY STATEWIDE	- STATEWIDE PROJECT	ROADWAY DESIGN - OPEN ROADS DESIGNER (ORD) TRAINING AND DEVELOPMENT. <u>ADD PRELIMINARY ENGINEERING NOT PREVIOUSLY PROGRAMMED. THIS ACTION ADDS THE PROJECT TO THE FEDERALLY APPROVED STIP.</u>	ENGINEERING	FY 2024 - \$400,000 (T) FY 2025 - <u>\$400,000</u> (T) \$800,000
M-0552BDIV STATEWIDE PROJ.CATEGORY DIVISION	- STATEWIDE PROJECT	ROADWAY DESIGN - TRAINING AND DEVELOPMENT FOR MISCELLANEOUS PROJECTS. <u>ADD PRELIMINARY ENGINEERING NOT PREVIOUSLY PROGRAMMED. THIS ACTION ADDS THE PROJECT TO THE FEDERALLY APPROVED STIP.</u>	ENGINEERING	FY 2024 - \$300,000 (T) FY 2025 - <u>\$300,000</u> (T) \$600,000
M-0552BREG STATEWIDE PROJ.CATEGORY REGIONAL	- STATEWIDE PROJECT	ROADWAY DESIGN - TRAINING AND DEVELOPMENT FOR MISCELLANEOUS PROJECTS. <u>ADD PRELIMINARY ENGINEERING NOT PREVIOUSLY PROGRAMMED. THIS ACTION ADDS THE PROJECT TO THE FEDERALLY APPROVED STIP.</u>	ENGINEERING	FY 2024 - \$300,000 (T) FY 2025 - <u>\$300,000</u> (T) \$600,000

\* INDICATES FEDERAL AMENDMENT



REVISIONS TO THE 2024-2033 STIP  
HIGHWAY PROGRAM

STATEWIDE PROJECT

STIP ADDITIONS

M-0552BSW STATEWIDE PROJ.CATEGORY STATEWIDE	- STATEWIDE PROJECT	ROADWAY DESIGN - TRAINING AND DEVELOPMENT FOR MISCELLANEOUS PROJECTS. <u>ADD PRELIMINARY ENGINEERING NOT PREVIOUSLY PROGRAMMED. THIS ACTION ADDS THE PROJECT TO THE FEDERALLY APPROVED STIP.</u>	ENGINEERING	FY 2024 - \$400,000 (T) FY 2025 - <u>\$400,000</u> (T) \$800,000
M-0553ADIV STATEWIDE PROJ.CATEGORY EXEMPT	- STATEWIDE PROJECT	INTEGRATED PROJECT DELIVERY. <u>ADD PRELIMINARY ENGINEERING NOT PREVIOUSLY PROGRAMMED. THIS ACTION ADDS THE PROJECT TO THE FEDERALLY APPROVED STIP.</u>	ENGINEERING	FY 2024 - \$600,000 (T) FY 2025 - <u>\$600,000</u> (T) \$1,200,000
M-0553AREG STATEWIDE PROJ.CATEGORY EXEMPT	- STATEWIDE PROJECT	INTEGRATED PROJECT DELIVERY. <u>ADD PRELIMINARY ENGINEERING NOT PREVIOUSLY PROGRAMMED. THIS ACTION ADDS THE PROJECT TO THE FEDERALLY APPROVED STIP.</u>	ENGINEERING	FY 2024 - \$600,000 (T) FY 2025 - <u>\$600,000</u> (T) \$1,200,000
M-0553ASW STATEWIDE PROJ.CATEGORY EXEMPT	- STATEWIDE PROJECT	INTEGRATED PROJECT DELIVERY. <u>ADD PRELIMINARY ENGINEERING NOT PREVIOUSLY PROGRAMMED. THIS ACTION ADDS THE PROJECT TO THE FEDERALLY APPROVED STIP.</u>	ENGINEERING	FY 2024 - \$800,000 (T) FY 2025 - <u>\$800,000</u> (T) \$1,600,000
M-0553BDIV STATEWIDE PROJ.CATEGORY EXEMPT	- STATEWIDE PROJECT	TRAINING AND SPECIAL PROJECTS. <u>ADD PRELIMINARY ENGINEERING NOT PREVIOUSLY PROGRAMMED. THIS ACTION ADDS THE PROJECT TO THE FEDERALLY APPROVED STIP.</u>	ENGINEERING	FY 2024 - \$1,200,000 (T) FY 2025 - <u>\$1,200,000</u> (T) \$2,400,000

\* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2024-2033 STIP  
HIGHWAY PROGRAM

STATEWIDE PROJECT

STIP ADDITIONS

M-0553BREG	- STATEWIDE PROJECT	TRAINING AND SPECIAL PROJECTS.	ENGINEERING	FY 2024 - \$1,200,000 (T)
STATEWIDE		<u>ADD PRELIMINARY ENGINEERING NOT PREVIOUSLY</u>		FY 2025 - <u>\$1,200,000</u> (T)
PROJ.CATEGORY		<u>PROGRAMMED. THIS ACTION ADDS THE PROJECT TO</u>		\$2,400,000
EXEMPT		<u>THE FEDERALLY APPROVED STIP.</u>		
M-0553BSW	- STATEWIDE PROJECT	TRAINING AND SPECIAL PROJECTS.	ENGINEERING	FY 2024 - \$1,600,000 (T)
STATEWIDE		<u>ADD PRELIMINARY ENGINEERING NOT PREVIOUSLY</u>		FY 2025 - <u>\$1,600,000</u> (T)
PROJ.CATEGORY		<u>PROGRAMMED. THIS ACTION ADDS THE PROJECT TO</u>		\$3,200,000
EXEMPT		<u>THE FEDERALLY APPROVED STIP.</u>		

\* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2024-2033 STIP  
HIGHWAY PROGRAM

CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION

STIP MODIFICATIONS

* BO-2409	- CABARRUS-ROWAN URBAN AREA	VARIOUS, DIVISION 9 PROGRAM TO UPGRADE	ENGINEERING	FY 2024 -	\$80,000	(TA)
DAVIDSON	METROPOLITAN PLANNING ORGANIZATION	INTERSECTIONS TO COMPLY WITH THE AMERICANS		FY 2024 -	\$20,000	(HF(M))
DAVIE	- HIGH POINT URBAN AREA METROPOLITAN	WITH DISABILITIES ACT (ADA) USING		FY 2025 -	\$80,000	(TA)
FORSYTH	PLANNING ORGANIZATION	TRANSPORTATION ALTERNATIVES (TA) FUNDS.		FY 2025 -	\$20,000	(HF(M))
ROWAN	- WINSTON-SALEM URBAN AREA	<u>ADD PRELIMINARY ENGINEERING NOT PREVIOUSLY</u>		FY 2026 -	\$80,000	(TA)
STOKES	METROPOLITAN PLANNING ORGANIZATION	<u>PROGRAMMED.</u>		FY 2026 -	\$20,000	(HF(M))
PROJ.CATEGORY	- NORTHWEST PIEDMONT RURAL			FY 2027 -	\$80,000	(TA)
DIVISION	PLANNING ORGANIZATION			FY 2027 -	\$20,000	(HF(M))
				FY 2028 -	\$80,000	(TA)
				FY 2028 -	\$20,000	(HF(M))
			CONSTRUCTION	FY 2024 -	\$800,000	(TA)
				FY 2024 -	\$200,000	(HF(M))
				FY 2025 -	\$800,000	(TA)
				FY 2025 -	\$200,000	(HF(M))
				FY 2026 -	\$800,000	(TA)
				FY 2026 -	\$200,000	(HF(M))
				FY 2027 -	\$800,000	(TA)
				FY 2027 -	\$200,000	(HF(M))
				FY 2028 -	\$800,000	(TA)
				FY 2028 -	<u>\$200,000</u>	(HF(M))
					\$5,500,000	

\* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2024-2033 STIP  
HIGHWAY PROGRAM

CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION

STIP MODIFICATIONS

* BO-2410	- CABARRUS-ROWAN URBAN AREA	VARIOUS, DIVISION 10 PROGRAM TO UPGRADE	ENGINEERING	FY 2024 -	\$80,000	(TA)
ANSON	METROPOLITAN PLANNING ORGANIZATION	INTERSECTIONS TO COMPLY WITH THE AMERICANS		FY 2024 -	\$20,000	(HF(M))
CABARRUS	- CHARLOTTE REGIONAL TRANSPORTATION	WITH DISABILITIES ACT (ADA) USING		FY 2025 -	\$80,000	(TA)
MECKLENBURG	PLANNING ORGANIZATION	TRANSPORTATION ALTERNATIVES (TA) FUNDS.		FY 2025 -	\$20,000	(HF(M))
STANLY	- ROCKY RIVER RURAL PLANNING	<u>ADD PRELIMINARY ENGINEERING NOT PREVIOUSLY</u>		FY 2026 -	\$80,000	(TA)
UNION	ORGANIZATION	<u>PROGRAMMED.</u>		FY 2026 -	\$20,000	(HF(M))
PROJ.CATEGORY				FY 2027 -	\$80,000	(TA)
DIVISION				FY 2027 -	\$20,000	(HF(M))
				FY 2028 -	\$80,000	(TA)
				FY 2028 -	\$20,000	(HF(M))
			CONSTRUCTION	FY 2024 -	\$800,000	(TA)
				FY 2024 -	\$200,000	(HF(M))
				FY 2025 -	\$800,000	(TA)
				FY 2025 -	\$200,000	(HF(M))
				FY 2026 -	\$800,000	(TA)
				FY 2026 -	\$200,000	(HF(M))
				FY 2027 -	\$800,000	(TA)
				FY 2027 -	\$200,000	(HF(M))
				FY 2028 -	\$800,000	(TA)
				FY 2028 -	\$200,000	(HF(M))
					<u>\$5,500,000</u>	
EB-5732	- CABARRUS-ROWAN URBAN AREA	BRUTON SMITH BOULEVARD/ CONCORD MILLS	RIGHT-OF-WAY	FY 2025 -	\$80,000	(TAANY)
CABARRUS	METROPOLITAN PLANNING ORGANIZATION	BOULEVARD/ PORTION OF WEDDINGTON ROAD, US 29		FY 2025 -	\$20,000	(L)
PROJ.CATEGORY		TO WEDDINGTON ROAD. CONSTRUCT SIDEWALK ON	CONSTRUCTION	FY 2027 -	\$2,832,000	(TAANY)
DIVISION		BOTH SIDES OF THE ROAD, INCLUDING A PORTION OF		FY 2027 -	\$708,000	(L)
		WEDDINGTON ROAD.		FY 2028 -	\$1,968,000	(TAANY)
		<u>TO ALLOW ADDITIONAL TIME FOR UTILITY</u>		FY 2028 -	\$492,000	(L)
		<u>RELOCATION, DELAY CONSTRUCTION FROM FY 26 TO</u>			<u>\$6,100,000</u>	
		<u>FY 27.</u>				

\* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2024-2033 STIP  
HIGHWAY PROGRAM

CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION

STIP MODIFICATIONS

R-2246A CABARRUS PROJ.CATEGORY DIVISION	- CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION	GEORGE LILES PARKWAY, NC 49 TO SR 1304 (ROBERTA ROAD). <u>TO ALLOW ADDITIONAL TIME FOR UTILITY RELOCATION, DELAY CONSTRUCTION FROM FY 30 TO FY 31.</u>	RIGHT-OF-WAY	FY 2028 -	\$820,000	(T)
				FY 2029 -	\$1,640,000	(T)
				FY 2030 -	\$820,000	(T)
				FY 2031 -	\$410,000	(T)
				FY 2032 -	\$410,000	(T)
			UTILITIES	FY 2028 -	\$1,450,000	(T)
				FY 2029 -	\$1,450,000	(T)
			CONSTRUCTION	FY 2031 -	\$241,000	(T)
				FY 2032 -	\$11,809,000	(T)
				FY 2033 -	\$8,435,000	(T)
	AFTER FY 2033 -	<u>\$3,615,000</u>	(T)			
		\$31,100,000				
U-3415A CABARRUS PROJ.CATEGORY DIVISION	- CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION	SR 1394 (POPLAR TENT ROAD), EAST OF I-85 TO GEORGE LILES PARKWAY. WIDEN TO MULTI-LANES. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY RIGHT-OF-WAY FROM FY 25 TO FY 26 AND CONSTRUCTION FROM FY 28 TO FY 29.</u>	RIGHT-OF-WAY	FY 2026 -	\$543,000	(T)
				FY 2027 -	\$3,259,000	(T)
				FY 2028 -	\$3,259,000	(T)
				FY 2029 -	\$3,259,000	(T)
				FY 2030 -	\$2,580,000	(T)
			UTILITIES	FY 2026 -	\$450,000	(T)
				FY 2027 -	\$450,000	(T)
			CONSTRUCTION	FY 2029 -	\$277,000	(T)
				FY 2030 -	\$11,362,000	(T)
				FY 2031 -	\$9,145,000	(T)
	FY 2032 -	\$4,988,000	(T)			
	FY 2033 -	<u>\$1,940,000</u>	(T)			
		\$41,512,000				

\* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2024-2033 STIP  
HIGHWAY PROGRAM

CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION

STIP MODIFICATIONS

* U-5901 ROWAN PROJ.CATEGORY DIVISION	- CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION	NEW ROUTE, AIRPORT PARKWAY, SR 1710 (HARRISON ROAD) NEAR US 70 / US 601 (JAKE ALEXANDER BOULEVARD) TO SR 2539 (PEACH ORCHARD ROAD) AT US 29 IN SALISBURY. CONSTRUCT 2-LANE ROADWAY. <u>MODIFY FUNDS FROM STATE TO FEDERAL.</u>	RIGHT-OF-WAY	FY 2027 -	\$445,000	(BGANY)
				FY 2028 -	\$2,670,000	(BGANY)
				FY 2029 -	\$2,670,000	(BGANY)
				FY 2030 -	\$1,335,000	(BGANY)
				FY 2031 -	\$1,780,000	(BGANY)
			UTILITIES	FY 2027 -	\$3,450,000	(BGANY)
				FY 2028 -	\$3,450,000	(BGANY)
			CONSTRUCTION	FY 2030 -	\$4,540,000	(BGANY)
				FY 2031 -	\$14,041,000	(BGANY)
				FY 2032 -	\$11,330,000	(BGANY)
	FY 2033 -	\$7,720,000	(BGANY)			
	AFTER FY 2033 -	<u>\$1,871,000</u>	(BGANY)			
		\$55,302,000				
U-5956 CABARRUS PROJ.CATEGORY REGIONAL	- CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION	US 29, REALIGN UNION CEMETERY ROAD TO INTERSECT US 29 AT ROCK HILL CHURCH ROAD AND CONSTRUCT IMPROVEMENTS ALONG US 29 FROM 0.6 MILE WEST OF ROCK HILL CHURCH ROAD TO JUST EAST OF ROCK HILL CHURCH ROAD. <u>TO ALLOW ADDITIONAL TIME FOR UTILITY RELOCATION. DELAY CONSTRUCTION FROM FY 25 TO FY 26.</u>	CONSTRUCTION	FY 2026 -	\$4,675,000	(T)
				FY 2027 -	\$9,350,000	(T)
				FY 2028 -	<u>\$4,675,000</u>	(T)
					\$18,700,000	

\* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2024-2033 STIP  
HIGHWAY PROGRAM

CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION

STIP MODIFICATIONS

U-6032	- CABARRUS-ROWAN URBAN AREA	SR 2467 (MALLARD CREEK ROAD)/ SR 1445 (DERITA	RIGHT-OF-WAY	FY 2024 -	\$0	(T)
CABARRUS	METROPOLITAN PLANNING ORGANIZATION	ROAD), I-485 TO SR 2894 (CONCORD MILLS		FY 2025 -	\$4,000,000	(T)
MECKLENBURG	- CHARLOTTE REGIONAL TRANSPORTATION	BOULEVARD). WIDEN TO SIX LANES.		FY 2026 -	\$4,800,000	(T)
PROJ.CATEGORY	PLANNING ORGANIZATION	<u>TO ALLOW ADDITIONAL TIME FOR UTILITY</u>	BUILD NC CON	FY 2027 -	\$1,030,000	(T)
DIVISION		<u>RELOCATION, DELAY CONSTRUCTION FROM FY 25 TO</u>		FY 2028 -	\$515,000	(T)
		<u>FY 27.</u>		FY 2029 -	\$515,000	(T)
				FY 2030 -	\$515,000	(T)
				FY 2031 -	\$515,000	(T)
				FY 2032 -	\$515,000	(T)
				FY 2033 -	\$515,000	(T)
				AFTER FY 2033 -	\$3,605,000	(T)
			CONSTRUCTION	FY 2027 -	\$0	(T)
				FY 2028 -	\$9,996,000	(T)
				FY 2029 -	\$6,708,000	(T)
				FY 2030 -	<u>\$3,096,000</u>	(T)
					\$36,325,000	

\* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2024-2033 STIP  
HIGHWAY PROGRAM

STATEWIDE PROJECT

STIP ADDITIONS

<p>* M-0563D STATEWIDE PROJ.CATEGORY STATEWIDE</p>	<p>- STATEWIDE PROJECT</p>	<p>LIDAR DATA COLLECTION. <u>ADD PRELIMINARY ENGINEERING IN FY 24 NOT PREVIOUSLY PROGRAMMED. THIS ACTION ADDS THE PROJECT TO THE FEDERALLY APPROVED STIP.</u></p>	<p>ENGINEERING</p>	<p>FY 2024 - <u>\$1,285,000</u> (PROTCT) \$1,285,000</p>
<p>* M-0563E STATEWIDE PROJ.CATEGORY STATEWIDE</p>	<p>- STATEWIDE PROJECT</p>	<p>RESILIENCE PROGRAM REPORTING, MANAGEMENT AND SUPPORT <u>ADD PRELIMINARY ENGINEERING IN FY 24 NOT PREVIOUSLY PROGRAMMED. THIS ACTION ADDS THE PROJECT TO THE FEDERALLY APPROVED STIP.</u></p>	<p>ENGINEERING</p>	<p>FY 2024 - <u>\$850,000</u> (PROTCT) \$850,000</p>

\* INDICATES FEDERAL AMENDMENT



REVISIONS TO THE 2024-2033 STIP  
HIGHWAY PROGRAM

STATEWIDE PROJECT

STIP ADDITIONS

TC-0031	- WINSTON-SALEM URBAN AREA	INTEGRATED MOBILITY DIVISION, THE PROJECT WILL	CAPITAL	FY 2024	\$10,000	(S)
ALAMANCE	METROPOLITAN PLANNING ORGANIZATION	EXPAND ON-DEMAND TRANSIT SERVICES FOR UP TO		FY 2024	\$5,000	(L)
BRUNSWICK	- GREENSBORO URBAN AREA	11 RURAL COMMUNITIES ACROSS NORTH CAROLINA.		FY 2024	\$10,000	(RTAP)
EDGECOMBE	METROPOLITAN PLANNING ORGANIZATION	THIS PROJECT WILL EMPLOY TWO PRIMARY ON-			\$25,000	
FRANKLIN	- WILMINGTON URBAN AREA	DEMAND SERVICE MODELS: SOFTWARE AS A SERVICE				
GRANVILLE	METROPOLITAN PLANNING ORGANIZATION	(SAAS) AND TURNKEY, ALSO REFERRED TO AS				
JOHNSTON	- Foothills Rural Planning	TRANSPORTATION AS A SERVICE (TAAS).				
LEE	ORGANIZATION	<b><u>ADD PROJECT AT THE REQUEST OF THE INTEGRATED</u></b>				
McDOWELL	- KERR TAR RURAL PLANNING	<b><u>MOBILITY DIVISION.</u></b>				
MONTGOMERY	ORGANIZATION					
NASH	- PIEDMONT TRIAD RURAL PLANNING					
NEW HANOVER	ORGANIZATION					
PENDER	- UPPER COASTAL PLAIN RURAL PLANNING					
RANDOLPH	ORGANIZATION					
ROCKINGHAM	- STATEWIDE PROJECT					
ROWAN						
STATEWIDE						
STATEWIDE						
VANCE						
WARREN						
WILSON						
PROJ.CATEGORY						
PUBLIC TRANS						
TL-0033	- STATEWIDE PROJECT	INTERGRATED MOBILITY DIVISION, COMMUNITY	CAPITAL	FY 2023 -	\$2,000,000	(CPF)
STATEWIDE		PROJECT FUNDING FOR CITY OF WILSON RIDE		FY 2023 -	\$500,000	(L)
PROJ.CATEGORY		MICROTRANSIT EXPANSION.			\$2,500,000	
PUBLIC TRANS		<b><u>ADD PROJECT AT THE REQUEST OF THE INTEGRATED</u></b>				
		<b><u>MOBILITY DIVISION.</u></b>				

\* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2024-2033 STIP  
HIGHWAY PROGRAM

STATEWIDE PROJECT

STIP MODIFICATIONS

* HS-2015DIV STATEWIDE PROJ.CATEGORY DIVISION	- STATEWIDE PROJECT	VARIOUS, VULNERABLE ROAD USER PEDESTRIAN / BICYCLE IMPROVEMENT PROGRAM. <u>ADD FUNDING IN FY 25 THROUGH FY 29 NOT PREVIOUSLY PROGRAMMED.</u>	CONSTRUCTION	FY 2024 - \$2,100,000 (VRU) FY 2025 - \$2,100,000 (VRU) FY 2026 - \$2,100,000 (VRU) FY 2027 - \$2,100,000 (VRU) FY 2028 - \$2,100,000 (VRU) FY 2029 - <u>\$2,100,000</u> (VRU) \$12,600,000
* HS-2015REG STATEWIDE PROJ.CATEGORY REGIONAL	- STATEWIDE PROJECT	VARIOUS, VULNERABLE ROAD USER PEDESTRIAN / BICYCLE IMPROVEMENT PROGRAM. <u>ADD FUNDING IN FY 25 THROUGH FY 29 NOT PREVIOUSLY PROGRAMMED.</u>	CONSTRUCTION	FY 2024 - \$2,100,000 (VRU) FY 2025 - \$2,100,000 (VRU) FY 2026 - \$2,100,000 (VRU) FY 2027 - \$2,100,000 (VRU) FY 2028 - \$2,100,000 (VRU) FY 2029 - <u>\$2,100,000</u> (VRU) \$12,600,000
* HS-2015SW STATEWIDE PROJ.CATEGORY STATEWIDE	- STATEWIDE PROJECT	VARIOUS, VULNERABLE ROAD USER PEDESTRIAN / BICYCLE IMPROVEMENT PROGRAM. <u>ADD FUNDING IN FY 25 THROUGH FY 29 NOT PREVIOUSLY PROGRAMMED.</u>	CONSTRUCTION	FY 2024 - \$2,800,000 (VRU) FY 2025 - \$2,800,000 (VRU) FY 2026 - \$2,800,000 (VRU) FY 2027 - \$2,800,000 (VRU) FY 2028 - \$2,800,000 (VRU) FY 2029 - <u>\$2,800,000</u> (VRU) \$16,800,000

\* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2024-2033 STIP  
HIGHWAY PROGRAM

CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION

STIP ADDITIONS

* R-5790	- CABARRUS-ROWAN URBAN AREA	DIVISION 10 PROGRAM TO UPGRADE INTERSECTIONS	CONSTRUCTION	FY 2024 -	\$20,000	(S)
ANSON	METROPOLITAN PLANNING ORGANIZATION	TO COMPLY WITH THE AMERICANS WITH DISABILITIES		FY 2024 -	\$80,000	(TA)
CABARRUS	- CHARLOTTE REGIONAL TRANSPORTATION	ACT (ADA) USING TRANSPORTATION ALTERNATIVES				
MECKLENBURG	PLANNING ORGANIZATION	(TA) FUNDS.			\$100,000	
STANLY	- ROCKY RIVER RURAL PLANNING	<b><u>ADD CONSTRUCTION IN FY 24 NOT PREVIOUSLY</u></b>				
UNION	ORGANIZATION	<b><u>PROGRAMMED. THIS ACTION ADDS THE PROJECT TO</u></b>				
PROJ.CATEGORY		<b><u>THE FEDERALLY APPROVED STIP.</u></b>				
DIVISION						

STIP MODIFICATIONS

BL-0034	- CABARRUS-ROWAN URBAN AREA	US 70 / US 601 (JAKE ALEXANDER BOULEVARD), WEST	RIGHT-OF-WAY	FY 2025 -	\$72,000	(CMAQ)
ROWAN	METROPOLITAN PLANNING ORGANIZATION	OF KELSEY SCOTT PARK GREENWAY TO END OF		FY 2025 -	\$18,000	(L)
PROJ.CATEGORY		SALISBURY MALL GREENWAY/CAROLINA THREAD	CONSTRUCTION	FY 2025 -	\$200,000	(CMAQ)
EXEMPT		TRAIL. CONSTRUCT SIDEWALK.		FY 2025 -	\$35,000	(L)
		<b><u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u></b>		FY 2026 -	\$283,000	(CMAQ)
		<b><u>DESIGN, DELAY RIGHT-OF-WAY FROM FY 24 TO FY 25.</u></b>		FY 2026 -	\$86,000	(L)
					\$694,000	
P-5725	- CABARRUS-ROWAN URBAN AREA	CONSTRUCT TRACK IMPROVEMENTS, SECOND	CONSTRUCTION	FY 2025 -	\$101,000	(T)
CABARRUS	METROPOLITAN PLANNING ORGANIZATION	PLATFORM, PEDESTRIAN UNDERPASS, SITEWORK,		FY 2026 -	\$5,837,000	(T)
PROJ.CATEGORY		RETAINING WALL, SIGNALING EQUIPMENT.		FY 2027 -	\$3,865,000	(T)
REGIONAL		<b><u>TO BALANCE FUNDS, DELAY CONSTRUCTION FROM</u></b>		FY 2028 -	\$296,000	(T)
		<b><u>FY 24 TO FY 25.</u></b>			\$10,099,000	

\* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2024-2033 STIP  
HIGHWAY PROGRAM

CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION

STIP MODIFICATIONS

P-5726A ROWAN PROJ.CATEGORY REGIONAL	- CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION	NORFOLK SOUTHERN, SALISBURY TRAIN STATION SECOND PLATFORM AND PEDESTRIAN UNDERPASS. <u>TO BALANCE FUNDS, DELAY CONSTRUCTION FROM FY 24 TO FY 25.</u>	CONSTRUCTION	FY 2025 -	\$665,000	(T)			
				FY 2026 -	\$1,835,000	(T)			
					\$2,500,000				
* R-5860A CABARRUS ROWAN PROJ.CATEGORY DIVISION	- CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION	US 52, PROPOSED MISENHEIMER BYPASS TO PROPOSED ROCKWELL BYPASS. WIDEN TO 3-LANE ROADWAY. <u>UPDATE DESCRIPTION AND MODIFY FUNDING FROM STATE TO FEDERAL.</u>	RIGHT-OF-WAY	FY 2027 -	\$564,000	(NHP)			
				FY 2028 -	\$3,383,000	(NHP)			
				FY 2029 -	\$1,691,000	(NHP)			
				FY 2030 -	\$705,000	(NHP)			
				FY 2031 -	\$705,000	(NHP)			
						UTILITIES	FY 2027 -	\$846,000	(NHP)
						CONSTRUCTION	FY 2029 -	\$6,106,000	(NHP)
							FY 2030 -	\$15,474,000	(NHP)
							FY 2031 -	\$11,626,000	(NHP)
							FY 2032 -	\$6,114,000	(NHP)
					\$47,214,000				

\* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2024-2033 STIP  
HIGHWAY PROGRAM

STATEWIDE PROJECT

STIP ADDITIONS

* ER-5600	- STATEWIDE PROJECT	VARIOUS, VEGETATION MANAGEMENT - CLEAR ZONE	CONSTRUCTION	FY 2022 -	\$2,000,000	(STPE)
STATEWIDE		IMPROVEMENT AND MANAGEMENT STATEWIDE.		FY 2023 -	\$2,000,000	(STPE)
PROJ.CATEGORY		<u>ADD PROJECT AT THE REQUEST OF THE ROADSIDE</u>		FY 2024 -	\$1,000,000	(STPE)
DIVISION		<u>ENVIRONMENTAL UNIT.</u>		FY 2025 -	\$1,000,000	(STPE)
				FY 2026 -	\$1,000,000	(STPE)
				FY 2027 -	\$1,000,000	(STPE)
				FY 2028 -	<u>\$1,000,000</u>	(STPE)
					\$9,000,000	

\* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2024-2033 STIP  
HIGHWAY PROGRAM

CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION

STIP ADDITIONS

* C-5603D ROWAN PROJ.CATEGORY EXEMPT	- CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION	OLD CONCORD ROAD, RYAN STREET TO JAKE ALEXANDER BOULEVARD. CONSTRUCT SIDEWALKS. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY CONSTRUCTION FROM FY 23 TO FY 24. THIS ACTION ADDS THE PROJECT TO THE FEDERALLY APPROVED STIP.</u>	CONSTRUCTION	FY 2024 - \$295,000 (CMAQ) FY 2024 - <u>\$74,000</u> (L) \$369,000
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* C-5603H ROWAN PROJ.CATEGORY EXEMPT	- CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION	BRENNER AVENUE, STATESVILLE BOULEVARD TO WEST HORAH STREET AND BRENNER AVENUE AT LINK AVENUE IN SALISBURY. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY CONSTRUCTION FROM FY 23 TO FY 24. THIS ACTION ADDS THE PROJECT TO THE FEDERALLY APPROVED STIP.</u>	CONSTRUCTION	FY 2024 - \$514,000 (CMAQ) FY 2024 - <u>\$129,000</u> (L) \$643,000
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STIP MODIFICATIONS

HS-2010F CABARRUS PROJ.CATEGORY REGIONAL	- CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION	NC 24/27 AND SR 1100 (PINE BLUFF ROAD/ REED MINE ROAD) NEAR LOCUST. INSTALL A REDUCED CONFLICT INTERSECTION. <u>ACCELERATE CONSTRUCTION FROM FY 25 TO FY 24 AT THE REQUEST OF THE TRANSPORTATION MOBILITY AND SAFETY DIVISION.</u>	CONSTRUCTION	FY 2024 - <u>\$1,405,000</u> (HSIP) \$1,405,000
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\* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2024-2033 STIP  
HIGHWAY PROGRAM

CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION

STIP MODIFICATIONS

R-5706A CABARRUS MECKLENBURG PROJ.CATEGORY REGIONAL	- CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION - CHARLOTTE REGIONAL TRANSPORTATION PLANNING ORGANIZATION	NC 73 (DAVIDSON HIGHWAY), EAST OF SR 2693 (DAVIDSON-CONCORD ROAD) TO EAST OF SR 1394 (POPLAR TENT ROAD). <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY CONSTRUCTION FROM FY 26 TO FY 27.</u>	RIGHT-OF-WAY       UTILITIES  CONSTRUCTION	FY 2024 - \$2,299,000 (NHP) FY 2025 - \$3,449,000 (NHP) FY 2026 - \$2,012,000 (NHP) FY 2027 - \$970,000 (NHP) FY 2028 - \$970,000 (NHP) FY 2024 - \$1,000,000 (NHP) FY 2025 - \$1,000,000 (NHP) FY 2027 - \$5,760,000 (NHP) FY 2028 - \$14,720,000 (NHP) FY 2029 - \$8,640,000 (NHP) FY 2030 - <u>\$2,880,000</u> (NHP) \$43,700,000
* Y-5500AI ROWAN PROJ.CATEGORY DIVISION	- CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION	HENDERSON GROVE CHURCH ROAD, CLOSE RAILROAD CROSSING #724 362M AND CONSTRUCT NEW LOCATION TO SR 2528 (JULIAN ROAD) IN SALISBURY. <u>ADD PROJECT BREAK AT THE REQUEST OF THE RAIL DIVISION.</u>	CONSTRUCTION	FY 2024 - <u>\$4,900,000</u> (RR) \$4,900,000

STIP DELETIONS

HM-0001 ROWAN PROJ.CATEGORY DIVISION	- CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION	EAST FISHER STREET, REPLACE 790138 OVER NORFOLK SOUTHERN RAILROAD BETWEEN SOUTH LONG STREET AND SOUTH LEE STREET IN SALISBURY. <u>DELETE PROJECT PER THE CITY OF SALISBURY.</u>	CONSTRUCTION	FY 2024 - <u>\$2,000,000</u> (BFPOFF) \$2,000,000
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\* INDICATES FEDERAL AMENDMENT

**Endorsement of Targets for Safety Performance Measures Established By NCDOT**

WHEREAS, the Cabarrus-Rowan MPO has been designated by the Governor of the State of North Carolina as the Metropolitan Planning Organization (MPO) responsible, together with the State, for the comprehensive, continuing, and cooperative transportation planning process for the MPO's metropolitan planning area; and;

WHEREAS the Highway Safety Improvement Program (HSIP) final rule (23 CFR Part 490) requires States to set targets for five safety performance measures by August 31, 2023, and;

WHEREAS, the North Carolina Department of Transportation (NCDOT) has established targets for five performance measures based on five year rolling averages for: (1) Number of Fatalities, (2) Rate of Fatalities per 100 million Vehicle Miles Traveled (VMT), (3) Number of Serious Injuries, (4) Rate of Serious Injuries per 100 million VMT, and (5) Number of Non-Motorized (bicycle and pedestrian) Fatalities and Non-motorized Serious Injuries, and;

WHEREAS, the NCDOT coordinated the establishment of safety targets with the Metropolitan Planning Organizations (MPOs) in North Carolina through a Safety Target Setting Coordination Training Workshop held in March, 2017, and;

WHEREAS, the NCDOT has officially established and reported the safety targets in the Highway Safety Improvement Program annual report dated August 31, 2023, and;

WHEREAS the MPO's may establish safety targets by agreeing to plan and program projects that contribute toward the accomplishment of the State's targets for each measure, or establish its own target within 180 days of the State establishing and reporting its safety targets in the HSIP annual report.

NOW THEREFORE, BE IT RESOLVED, that the Cabarrus-Rowan MPO Transportation Advisory Committee (TAC) agrees to plan and program projects that contribute toward the accomplishment of the State's targets as noted below for each of the aforementioned performance measures:

- **For the 2024 Highway Safety Improvement Plan (HSIP), the goal is to reduce total fatalities by 23.22 percent each year from 1,494.8 (2017-2021 average) to 1,151.7 (2020-2024 average) by December 31, 2024.**
- **For the 2024 Highway Safety Improvement Plan (HSIP), the goal is to reduce the fatality rate by 24.39 percent from 1.279 (2017-2021 average) to .967 (2020-2024 average) by December 31, 2024.**
- **For the 2024 Highway Safety Improvement Plan (HSIP), the goal is to reduce total serious injuries by 32.45 percent from 4,903.4 (2017-2021 average) to 3,312.1 (2020-2024 average) by December 31, 2024.**
- **For the 2024 Highway Safety Improvement Plan (HSIP), the goal is to reduce the serious injury rate by 34.08 percent from 4.195 (2017-2021 average) to 2.765 (2020-2024 average) by December 31, 2024.**
- **For the 2024 Highway Safety Improvement Plan (HSIP), the goal is to reduce the total non-motorized fatalities and serious injuries by 29.21 percent from 637.2 (2017-2021 average) to 451.1 (2020-2024 average) by December 31, 2024.**

Date: \_\_\_\_\_

By: \_\_\_\_\_  
Brittany Barnhardt, TAC Chair




DATE: September 26, 2023

TO: Phil Conrad, AICP  
Transportation Planner, Cabarrus - Rowan Metropolitan Planning Organization

FROM: Brian Mayhew, PE, CPM  
State Traffic Engineer  
Transportation Mobility & Safety Division

SUBJECT: Safety Performance Measures – FHWA Assessment and 2024 Targets

DocuSigned by:  
  
EA0525CE2812491

### **Background**

Effective April 14, 2016, the Federal Highway Administration (FHWA) established five highway safety performance measures in accord with regulations set forth in the Federal MAP-21 and FAST Act transportation funding bills. These performance measures are:

1. Number of fatalities;
2. Rate of fatalities per 100 million vehicle miles traveled;
3. Number of serious injuries;
4. Rate of serious injuries per 100 million vehicle miles traveled; and
5. Number of combined non-motorized fatalities and non-motorized serious injuries.

These targets are established annually, are based on 5 year rolling averages, and are for calendar years. North Carolina state targets are set in agreement with our [Strategic Highway Safety Plan \(SHSP\)](#) goals. The SHSP goals are developed through collaborative efforts of a diverse group of stakeholders including state, regional, and local partners (including MPOs). The goal of the most recent (2019) SHSP is to reduce fatalities and serious injuries by half by 2035, moving towards zero by 2050.

### **North Carolina Safety Performance Target Achievement Determination**

Earlier this year, FHWA completed an assessment of target achievement for NCDOT's calendar year (CY) 2021 safety targets, based on the 5-year averages for 2017-2021 for each measure. As per 23 CFR 490.211(c)(2), a State Department of Transportation (DOT) has met or made significant progress towards meeting its safety performance targets when at least four of the safety performance targets established under 23 CFR 490.209(a) have been met or the actual outcome

is better than the baseline performance. **Based on FHWA’s review, North Carolina has not met or made significant progress toward achieving its safety performance targets.** As a result, NCDOT must ensure that all HSIP safety funds are obligated, and must develop an HSIP Implementation Plan that describes actions the State will take to meet or make significant progress toward achieving its targets. Table 1 below provides a summary of the target achievement determination at the state level.

*Table 1: North Carolina Safety Performance Target Achievement Determination Summary for CY 2021*

Performance Measures	5-year Rolling Averages			Target Achieved?	(Actual) Better than Baseline?	Met or Made Significant Progress?
	Target	Actual	Baseline			
	2017 - 2021	2017 - 2021	2015 - 2019			
Fatalities (5 Year Average)	1,309.9	1,501.2	1,426.8	No	No	No
Fatality Rate (5 Year Average)	1.105	1.284	1.206	No	No	
Serious Injuries (5 Year Average)	3,656.1	4,898.4	3,905.0	No	No	
Serious Injury Rate (5 Year Average)	3.065	4.186	3.278	No	No	
Non-motorized Fatalities and Serious Injuries (5 Year Average)	504.4	624.0	537.6	No	No	

Table 2 below shows what this determination would look like if the state’s methodology for establishing the CY 2021 goal was applied to crash data specific to Cabarrus - Rowan MPO.

*Table 2: Cabarrus - Rowan MPO Safety Performance Target Achievement Determination Summary for CY 2021*

Performance Measures	5-year Rolling Averages			Target Achieved?	(Actual) Better than Baseline?	Met or Made Significant Progress?
	Target	Actual	Baseline			
	2017 - 2021	2017 - 2021	2015 - 2019			
Fatalities (5 Year Average)	36.8	46.2	40.4	No	No	No
Fatality Rate (5 Year Average)	0.990	1.242	1.090	No	No	
Serious Injuries (5 Year Average)	112.2	136.0	121.8	No	No	
Serious Injury Rate (5 Year Average)	2.996	3.640	3.262	No	No	
Non-motorized Fatalities and Serious Injuries (5 Year Average)	12.4	19.2	13.4	No	No	

**2024 State Safety Performance Targets**

2024 state safety performance targets were submitted to FHWA on August 31<sup>st</sup>, as required, with the submission of the annual Highway Safety Improvement Program (HSIP) report. These targets reflect the 2019 SHSP goal to reduce fatalities and serious injuries by half by 2035, moving towards zero by 2050. The calculated targets are shown in Table 3 below. More detailed information about each target can be found at this [link](#).

*Table 3: North Carolina Calendar Year 2024 Safety Performance Targets*

Performance Measure	CY 2024
Number of Fatalities	1,151.7
Rate of Fatalities	0.967
Number of Serious Injuries	3,312.1
Rate of Serious Injuries	2.767
Number of Non-Motorized Fatalities & Serious Injuries	451.1

**2024 Cabarrus – Rowan MPO Safety Performance Targets**

Table 4 below provides crash data specific to your MPO and shows what the safety performance targets would look like if you applied the state’s methodology (reducing fatalities and serious injuries by half by 2035). More detailed information specific to your MPO can be found at this [link](#).

*Table 4: Cabarrus – Rowan MPO Specific Safety Performance Targets*

Year	Fatalities (5 Year Average)	Fatality Rate (5 Year Average)	Serious Injuries (5 Year Average)	Serious Injury Rate (5 Year Average)	Non-motorized Fatalities and Serious Injuries (5 Year Average)
2008 - 2012	42.2	1.277	62.2	1.894	11.4
2009 - 2013	41.6	1.290	64.8	2.018	13.6
2010 - 2014	41.0	1.280	72.2	2.244	14.8
2011 - 2015	41.8	1.280	77.6	2.370	13.2
2012 - 2016	43.2	1.290	92.4	2.730	14.2
2013 - 2017	41.2	1.197	107.2	3.043	15.4
2014 - 2018	40.0	1.111	117.6	3.225	13.8
2015 - 2019	40.4	1.090	121.8	3.262	13.4
2016 - 2020	42.2	1.151	132.6	3.594	15.4
2017 - 2021	46.2	1.242	136.0	3.640	19.2
2018 - 2022	51.4	1.377	135.8	3.629	18.4
<b>2024 Target*</b>	<b>32.4</b>	<b>0.866</b>	<b>99.6</b>	<b>2.647</b>	<b>10.9</b>

## Next Steps

MPOs are not directly assessed by FHWA on their progress towards meeting safety performance targets. However, coordination and deliberate action will be needed to achieve the fatal and serious injury crash reduction goals outlined in the NC Strategic Highway Safety Plan and as communicated through the safety performance targets. We encourage additional coordination between MPO's and NCDOT Traffic Safety Unit in all areas of safety, but specifically in data sharing, safety tools development, safety need identification and shared safety project implementation. The Traffic Safety Unit is available to meet with your MPO for additional discussion and partnership.

FHWA guidance allows each MPO to establish safety performance targets by either agreeing to plan and program projects so that they contribute toward the accomplishments of the State DOT performance targets or committing to quantifiable HSIP targets for their specific MPO area. If an MPO establishes its own targets, it will need to do so in coordination with the State per FHWA guidelines. The Traffic Safety Unit is available to facilitate this coordination. As a reminder, MPOs must establish safety performance targets no later than February 27 of each year per FHWA guidance. Please transmit a signed adoption resolution indicating the establishment of safety targets for your MPO or supporting the state's targets to Daryl Vreeland ([dvreeland@ncdot.gov](mailto:dvreeland@ncdot.gov)) in the Transportation Planning Division just as you have in previous years. An adoption resolution template can be found at this [link](#).

Finally, a new NCDOT Traffic Safety website has been established to communicate safety information to the public. A few direct links that may be of specific interest to MPOs can be found below:

- Main NCDOT Traffic Safety Unit website: [link](#)
- Mapped safety data: [link](#)
  - Here you can find a variety of spatial datasets related to traffic safety, including: fatal and serious injury crashes, pedestrian and bicycle crashes, safety projects (completed, funded, and those competing for funding), and several interactive map-based dashboards that allows the user to select an area of interest for more specific crash statistics.
- Safe Streets for All Grant (SS4A) Program: [link](#)
  - Here you will find North Carolina specific information related to the SS4A grant program. It is expected that the content of this site will expand over time.

Please contact me directly at (919) 814-5100 or [bmayhew@ncdot.gov](mailto:bmayhew@ncdot.gov) for further questions or discussion.

BKM\bgm

cc: Jamal Alavi, PE, CPM  
Daryl Vreeland, AICP  
George Hoops, PE  
Shawn Troy, PE  
Brian Murphy, PE

## **Cabarrus-Rowan MPO Prioritization 7.0 STIP/MTIP Project Solicitation and Ranking Process**

**Introduction:** The NCDOT and the North Carolina General Assembly are requiring that all metropolitan and rural planning organizations develop a project solicitation and ranking process to evaluate all eligible project categories (highway, non-motorized, public transportation, aviation, rail, and ferry). The following process has been approved by the NCDOT to ensure compliance with the legislative intent of this new requirement as stated in Session Law 2012-84.

**Applicability:** This process would apply to all projects ranked by the MPO in Cabarrus and Rowan counties that are eligible for “regional” and “division” tier funding, as defined in the 2013 Strategic Highway Investments (STI) legislation. Statewide tier eligible projects would be evaluated quantitatively by NCDOT prior to this process. Should those statewide projects not receive statewide tier funds, they would be eligible for regional and division tier evaluation by NCDOT and the MPO local MTIP evaluation process.

### **Schedule**

**Project Solicitation:** The MPO will solicit candidate projects for a minimum of 28 days beginning in February 2023. Those candidate projects will be presented to the TAC at the May 24, 2023 meeting, where the TAC endorsed the project list for submittal and evaluation by NCDOT. In the event that the number of new projects exceeded the maximum acceptable to NCDOT, the TAC would endorse projects based on technical review by the TCC, Division 9 and 10 staff recommendations. MPO staff will subsequently submit the MPO’s endorsed projects into NCDOT’s SPOT Online tool (web-based system) for project evaluation and quantitative scoring.

**Project Ranking:** The TCC and TAC will evaluate the full list of new and previously-scored projects for the two counties between May 2024 and December 2024, with local points assigned and submitted to the SPOT office by the December 31, 2024 deadline.

### **Schedule Summary:**

February 2023 to May 2023 – Public solicitation of new candidate projects

July 2023 to October 2023 – Submit candidate projects to NCDOT for evaluation

November 2023 to April 2024 – TCC and TAC receive public comments and review data and costs

April 2024 to June 2024 – Review of SPOT evaluation results of proposed regional tier projects

June 26, 2024 MPO meeting – Allocate local points to regional tier projects and develop NCDOT project submittal list / post results to CRMPO website for public comments

August 28, 2024 - review public comments and endorse final regional tier project’s list for submittal to NCDOT

August 2024 to September 2024 – Review of SPOT evaluation results of proposed division tier projects

September 25, 2024 MPO meeting – Allocate local points to division tier projects and develop NCDOT project submittal list / post results to CRMPO website for public comments

November 20, 2024 - review public comments and endorse final division tier project’s list for submittal to NCDOT

November 22, 2024 – Submit SPOT projects and publish information on CRMPO website

## **Public Input Process**

**Project Solicitation:** The MPO will announce a 28-day new project solicitation period to all member governments and interested persons. The MPO will publicize the project solicitation on the MPO's website. Any new project will be presented to the TCC and TAC for their approval prior to submission to NCDOT's Strategic Prioritization Office for Transportation (SPOT) for technical evaluation and scoring.

**Project Ranking:** The MPO will present the recommended local point assignments to the TCC at their June 2024 and September 2024 meeting(s). Upon the approval of the TAC, the MPO will release the recommended projects, point assignments, and a narrative of how the points are assigned for a 28-day public comment period. The 28-day period will be advertised on the MPO website and in newspapers of general circulation in Cabarrus and Rowan counties as well as the County Planning Offices in Salisbury and Concord. The results of the public input will be presented to the TCC and TAC at their August 2024 and November 2024 meeting(s). At that time the TAC will be asked to approve a project list and final point assignment, which will be published on the MPO website ([www.crmpo.org](http://www.crmpo.org)).

**Local Input Point Flexing:** The MPO has the option to apply the Local Input Point Flexing Policy, which means that up to 500 Local Input Points can be transferred from one category to the other. The MPO will provide written documentation to the SPOT Office prior to assigning Regional Tier Local Input Points. The MPO may elect not to exercise this flexibility depending upon the volume of eligible candidate projects.

## **Ranking Process**

**Highway Projects:** All highway projects both division tier and regional tier will be scored using the following local criteria. The NCDOT has determined that MPO input will be weighted at 15 percent of the total score for regional tier projects and 25 percent of the total score for division tier projects. The NCDOT Division Engineer's will be afforded the same level of influence through their project point assignment for regional tier and division tier eligible projects.

The total maximum qualitative highway project score would be 50 points. Because the congestion score and safety score will be generated quantitatively by NCDOT, these scores will fluctuate with each version of SPOT's quantitative formula. Under SPOT version 5.0, the highest congestion score was an 92.77, weighted to a score of 28 in the local methodology. The highest safety score was an 59.36, weighted to a score of 9. Therefore, the maximum theoretical score for a highway project would be 77.3 under this scenario.

1. **Element of the Metropolitan TIP** - The project must be in the CR MPO Metropolitan Transportation Improvement Program (MTIP). (If project is fully funded =10 points; Partially funded = 7 points; Unfunded = 5 points)
2. **Element of the Comprehensive Transportation Plan** - The project must be in the CR MPO Comprehensive Transportation Plan. (Yes=5 points; No=0 points)

3. **Element of an Economic or Land Development Plan** - The project must be in a locally adopted economic or land development plan. (Yes=5 points; No=0 points)
4. **Element of the 2050 Metropolitan Transportation Plan** - The project must be in the fiscally constrained CR MPO 2050 Metropolitan Transportation Plan. (Yes=10 points; No=0 points)
5. **Congestion Score** - This item refers to the Volume to Capacity (V/C) ratio for road projects using a score from the SPOT database. This numerical score will be multiplied by 30 percent to produce the final congestion score. This score will come from the SPOT database.
6. **Safety Score** - For safety, the numerical crash score is determined by the NCDOT Mobility and Safety Division. The score is based on the crash density, crash severity, and critical crash rate long the roadway where the project is located. A higher score (up to 100) are considered to have poorer highway safety performance. This numerical score will be multiplied by 15 percent to produce the final safety score. This score will come from the SPOT database.
7. **Promotes Interstate or Intrastate Connections** - Points are awarded for this item if the project provides connections or enhancements to the interstate or intrastate highway system. (Yes=10 points; No=0 points)
8. **Has Minimal Impacts on the Natural or Built Environment** - Points are awarded if the road project is on a recognized alignment where there is minimal right-of-way impact. This criteria is a qualitative assessment by local staff and will not include a statistical evaluation of disturbed acres. (Yes=5 points; No=0 points)
9. **Has Minimal Impacts on the Human Environment** - Points are awarded if the road project is on a recognized alignment where there is minimal right-of-way impact to residential properties, particularly minority or low income residents. This criteria is a qualitative assessment by local staff and will not include a statistical evaluation of displaced residents. (Yes=5 points; No=0 points)

**Bicycle and Pedestrian Projects:** All bicycle and pedestrian projects will be scored using the following local criteria. All data for each criteria will be locally generated for each prospective bicycle and pedestrian project. The total maximum qualitative bicycle and pedestrian project score would be 100 points. Under the previous SPOT submittal process, the maximum local score for a bicycle project was 66 and the maximum local score for a pedestrian project was 76.

BICYCLE AND PEDESTRIAN PRIORITIZATION CRITERIA			
Criteria	Points Allowed	Points Awarded	Notes
1. % of ROW, easements, and or real property owned	25	1 point per 10%	Amount of publicly owned land easements, and/or real property for the proposed project improvement. Additional 15 points if 100 percent of ROW, easement, and/or real property are

			owned publicly.
2. Amount of local funding available as a percentage of the total project costs	10	5 pts for up to 20%; 10 pts greater than 20%	The amount of local funding available for the project.
3. Access to School, Park, Transit stop, or Library	15	Yes/No	Project improvement is within ½ mile of a school, park, transit stop, or library.
4. Access to population density	10	Relative rank	The persons per square mile within ½ mile of the project improvement.
5. Network, which could include sidewalk, greenway, transit route, or trail, existing to support improvement	10	1 point per access point	The number of road and non-road physical access points per mile to the project improvement. (Driveways are not included).
6. Mix of residential and employment uses for potential to provide non-auto work trip and related travel	10	5 points for planned; 10 points for existing	Does the project improvement connect residential development with shopping or employment center?
7. Included on a local greenway, pedestrian or other Plan	10	Yes/No	Identified in a planning document with local government approval.
8. Project design	10	Yes/No	Has there been a preliminary plan or design completed on the project improvement?
Total	100		

**Aviation Projects:** All aviation projects will be scored using the following local criteria. All data for each criteria will be locally generated for each prospective aviation project, although items 1, 4, 5, and 6 will require information from external sources to the MPO and local membership. The total maximum qualitative aviation project score would be 40 points. Under the previous SPOT submittal process, the maximum local score for an aviation project was 26.

1. Element of Statewide System Plan - Must be identified and approved by NcDOA in the STIP projects. -Yes-5 No-0
2. Airport must have an approved Master Plan and approved ultimate ALP and project must be element of Master Plan-Yes- 5 No- 0



3. Element of Governing Authority CIP plan-Project must be part of an approved Capital Improvement Plan-Yes- 5, No- 0
4. Airport FAA Classification- or General Aviation Airport Group- Commercial Service-10, General Aviation Airports by Category. National-7, Regional-5, Local-3, Basic-1.
5. Congestion-Number of Airport operations -250,00+ -10, 100,000-250,000 – 5, 50,000-100,000 – 3, Less than 50,000 – 1
6. Safety Related Projects- Is project a safety related project in accordance with FAA guidance? Yes-5, No-0. If all safety related projects are complete then project receives 5 points.

**Public Transit Capital Projects:** All public transit capital projects will be scored using the following local criteria. All data for each criteria will be locally generated for each prospective transit capital project. The total maximum qualitative public transit capital project score would be 45 points. Under the previous SPOT submittal process, the maximum local score for a transit project was 30.

1. Element of a current Planning Document. -5 points in STIP, 5 points in TDP/Other
2. Access to employment. Yes- 5 No- 0
3. Factor in improving safety or security. – 5 points for safety, 5 points for security
4. Intermodal Connectivity. – 5 points for (3) or more modes, 3 points for (2) or more modes.
5. Local Funding Availability. – 5 points for 50+ percent funding, 3 points for 20 to 50 percent funding, 1 point for less than 20 percent.
6. Access to Bike/Ped projects. 1 point per connection for a max of 5 pts.
7. Preservation of existing level of service. Yes -5 No-0

**Rail Projects:** All rail projects will be scored using the following local criteria. The total maximum rail project score would be 70 points. Under the previous SPOT submittal process, the maximum local score for a rail project was 49.

1. Element of Statewide or Local System Plan - Must be identified and approved by NCDOT Rail as a potential STIP project. Yes-15 No-0
2. Project addresses an identified facility safety issue. This quantitative score will come from the SPOT database and be multiplied by 15 percent to produce the final safety index score.

3. Project expands facility capacity. This quantitative score will come from the SPOT database and be multiplied by 30 percent to produce the final capacity index score.
4. Local support of the project as demonstrated thru an adopted resolution by a local governing Board. Yes-10 No-0

**Use of Public Input and Comments in Final Rankings:** The TCC and TAC will review all input received through the public input process to confirm the individual candidate project descriptions and details. (All TCC and TAC meetings are open to the public and advertised with the local media and on the MPO website.) The TCC and TAC may choose to remove or modify projects before ultimately approving the point assignments, but no projects can be modified or added after the NCDOT deadline for submitting candidate projects for evaluation through the SPOT process.

**Final Ranking and Local Points Assignment:** All eligible projects by tier (Regional or Division) could receive some variation of points with the maximum being 100 points per project. NCDOT has indicated that the Cabarrus-Rowan MPO will receive 1800 points to distribute for Regional tier eligible projects and 1800 points to distribute for Division tier eligible projects. The intent of the MPO is to award the maximum number of points (100) within each category (division and regional) to the top 18 highway projects. If the MPO elects to award points to projects outside the quantitative rank order and/or to non-highway projects, a justification for this adjustment will be shared with the public and interested stakeholders during the public comment period and on the MPO's website ([www.crmppo.org](http://www.crmppo.org)). As an example, some consideration may be given to competitive rank within the division (9 or 10) and funding region (D and E) by mode. Project point assignment or adjustment to non-highway mode projects based on this logic will be properly documented in the published narrative.

**Request Date: 1/20/24**

**Requested By:**

**Signature:**  
(Including Digital)

**Local/Regional Government(s) That Have Approved the Request: City of Salisbury**

<i>Street Name</i>	<i>Location (From - To) (Attach ArcGIS Map Package File)</i>	<i>Current Functional Class</i>	<i>Requested Functional Class</i>
Julian Road	US 601/Jake Alexander Drive to I-85 @ Exit 74	Local	Major Collector
<b>Reason for Change</b>			
<p>1) Describe land uses that the roadway supports and display them on the attached map (for example, school, shopping center, community center, church, etc) Rowan Summit Shopping Center off Julian at Klumac Road, Tractor Supply, Rowan Family Physicians</p>			
<p>2) Answer how the transportation system will be enhanced by this change</p> <p>System Connectivity - This segment serves as the primary access to large employment/activity center as well as medical office complex in the rapidly-developing Julian Road area. Julian is a primary north-south route through the area and connects to segments already on the Federal Aid system including I-85.</p>			
<p>3) Additional data</p> <ul style="list-style-type: none"> <li>• AADT: 18,500 (2021)</li> <li>• Speed Limit: 50 mph</li> </ul>			
<i>Street Name</i>	<i>Location (From - To) (Attach ArcGIS Map Package File)</i>	<i>Current Functional Class</i>	<i>Requested Functional Class</i>
<b>Reason for Change</b>			
<p>1) Describe land uses that the roadway supports and display them on the attached map (for example, school, shopping center, community center, church, etc)</p>			
<p>2) Answer how the transportation system will be enhanced by this change</p>			

**RESOLUTION**

**CRMPO ENDORSEMENT OF  
FUNCTIONAL CLASSIFICATION MAP CHANGES FOR  
JULIAN ROAD CORRIDOR IN SALISBURY**

**WHEREAS**, the Cabarrus-Rowan Metropolitan Planning Organization (CRMPO) is the Metropolitan Planning Organization (MPO) for the Cabarrus-Rowan urban area; and

**WHEREAS**, functional classification is the process by which streets and highways are grouped into classes, or systems according to the character of service they are intended to provide; and

**WHEREAS**, the classifications are based on whether the area is urban or rural and are grouped into arterial, collectors and local streets; and

**WHEREAS**, MPOs are the designated agency by NCDOT to submit functional class reclassifications on behalf of their member jurisdictions; and

**WHEREAS**, a modification to the Functional Classification map has been requested by the CRMPO member jurisdictions in order to reflect current traffic volumes, land use patterns and the overall function of these facilities within the regional transportation network; and

**WHEREAS**, the proposed changes are as listed below:

**Proposed CRMPO Functional Classification Map Changes**

Roadway Name	Project Limits	Jurisdictions	Current Functional Class	Proposed Functional Class
Julian Road	US 601/Jake Alexander Blvd to I-85 @ exit 74	Salisbury/Rowan County	Local	Major Collector

**WHEREAS**, the Technical Coordinating Committee reviewed the requested modification and unanimously recommended to the CRMPO that it adopt the modifications; and

**WHEREAS**, the CRMPO reviewed the information attached to this resolution at a meeting held on Wednesday, January 24, 2024.

**NOW THEREFORE BE IT RESOLVED** by the Cabarrus-Rowan Metropolitan Planning Organization that it approves the proposed modifications to the Functional Classification map as detailed above.

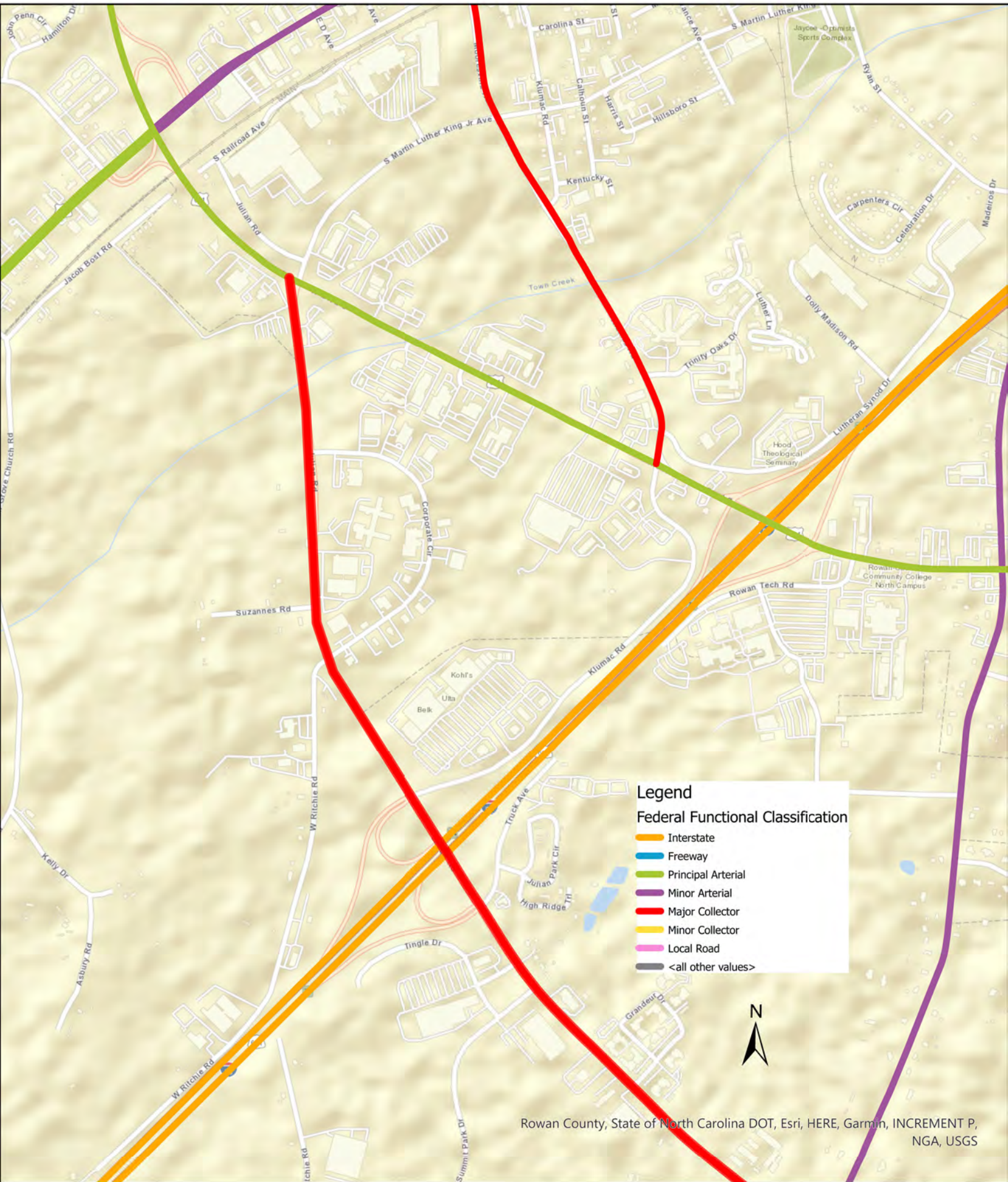
\*\*\*\*\*

I, Brittany Barnhardt, Chair of the Cabarrus-Rowan Metropolitan Planning Organization, do hereby certify that the above is a true and correct copy of an excerpt from the minutes of a meeting of the Cabarrus-Rowan Metropolitan Planning Organization, duly held on this 24th day of January, 2024.

\_\_\_\_\_  
Signature of the TAC Chair  
Cabarrus-Rowan Transportation Advisory Committee



# Julian Road Functional Classification Request



Rowan County, State of North Carolina DOT, Esri, HERE, Garmin, INCREMENT P, NGA, USGS

Cabarrus-Rowan MPO  
**NCDOT Division 9 Transportation Update**  
 January 2024

TIP / WBS No.	Description	Let Date	Completion Date	Status	Construction Cost	Contractor	Project Administrator	Comments
<b>PROJECTS UNDER CONSTRUCTION</b>								
B-4626 38443.3.3 (C204446)	Replace Bridge #3 (EBL), and apply Bridge Preservation Treatment to Bridge #8 (WBL), over Yadkin River/W-S SB RR on NC 49 in Rowan County	February 1, 2022	April 30, 2025	50% Complete	\$13,777,568	Smith-Rowe	Eric Goldston (704) 630-3220	Smith-Rowe set girders for new bridge and working on construction of superstructure. Estimated completion mid-2025.
B-5772 45728.3.1	Replace Bridge #66 over Norfolk Southern RR on SR 1724 (Hurley School Rd) in Rowan County	October 1, 2022	November 26, 2025	3% Complete	\$2,880,727	Smith-Rowe	Kelly Seitz (704) 630-3200	Road is closed until 2025 beginning 11/30/ 2023.
U-5738 50163.3.1 (C204426)	Widen to multiple lanes on SR 2528 (Julian Rd) from US 601 (Jake Alexander Blvd) to SR 2667 (Summit Park Dr) in Salisbury	March 28, 2022	January 28, 2025	50% Complete	\$13,039,376	J. T. Russell and Sons	Eric Goldston (704) 630-3220	Traffic shifted to new alignment on 12/8/23. JTR working on phase II of alignment and bridge.
R-5789H (DI00303)	ADA Ramps, Curb and Gutter, Sidewalk Construction on various routes in Davidson, Davie, Forsyth, Rowan, and Stokes.	October 31, 2022	TBA	60% Complete	\$964,376	Carolina Group Properties LLC	Kelly Seitz (704) 630-3200	Contractor is currently working in China Grove on replacing WCR. All work in Cleveland, Granite Quarry, Rockwell, Salisbury and Spencer is completed. Crews will also be working in Landis.
HL-0005	Various, City of Salisbury Signal System Upgrade.	September 30, 2022	Fall 2023	60% Complete	\$282,000	ALS of NC	Wendy Brindle (704) 638-5201	Material supply issues.
2023CPT.09.07.10801 2023CPT.09.08.20801 (C204811)	Milling, resurfacing, and shoulder reconstruction on 1 section of US-70, US-29, and NC-150, and 5 sections of secondary roads.	March 15, 2023	September 15, 2024	0% Complete	\$4,651,490	J. T. Russell and Sons	Kelly Seitz (704) 630-3200	No work planned on the project until late September 2023.
17BP.9.R.76 (DI00269)	Replace Bridge #81 on SR 1926 (Hannah Ferry Rd) over Deals Creek in Rowan County	August 23, 2023	May 3, 2024	25% Complete	\$932,023	Dellinger, Inc.	Eric Goldston (704) 630-3221	Dellinger currently driving piles and working on end bent construction. Project on schedule.
17BP.9.R.85	Replace Bridge #198 and Bridge #199 over Crane Creek on SR 2529 (St. Paul Church Rd) in Rowan County	October 25, 2023	TBA	0% Complete	\$1,213,212	R.E. Burns & Sons Company, Inc.	Eric Goldston (704) 630-3221	R.E. Burns & Sons Company, Inc. has been awarded the contract based on the bid submitted 10/25/23. Work expected to begin on 1/22/24.
<b>PROJECTS UNDER DEVELOPMENT</b>								
HE-0009	NC 152 Improvements with Proposed Access Road East of I-85/US 601 in China Grove	April 24, 2024	TBD	ROW Acquisition in progress	\$6,300,000	TBD	Ryan Newcomb (336) 747-7800	Economic Development project. PE work has started. 25% plans are complete. Hydro approved. 65% plans are complete. The developer is responsible for ROW acquisition and utility relocations. Final plans are complete pending ROW acquisition and utility relocations. Let date has been delayed to April due to delays by the developer acquiring the needed R/W and utility relocations being completed.
P-5726 47604.3.1 (C204343)	NS Main - Construct Track Improvements, Second Platform, Pedestrian Underpass, Sitework, Retaining Wall, and Signalling Equipment	January 21, 2025	TBA	ROW Acquisition in progress	\$10,800,000	TBA	Sam Coleman (919) 707-4158	Raleigh Let - Pending execution of rail agreement.
P-5726A	Salisbury train station second platform and pedestrian underpass.	February 28, 2025	TBA	ROW Acquisition in progress	\$2,500,000	TBA	Sam Coleman (919) 707-4158	Division POC
P-5726B	Salisbury Norfolk Southern crossover relocation.	March 29, 2024	TBA	ROW Acquisition in progress	\$4,000,000	TBA	Sam Coleman (919) 707-4158	NON-DOT Let
P-5733 47612.3.1	NS Main - Rowan County - Upgrade Station Building, expand waiting space and surface parking	July 15, 2025	TBA	ROW Acquisition 2025	\$2,370,000	TBA	Sam Coleman (919) 707-4158	Raleigh LET
R-5860 47548.3.1	Widen to multilanes - US 52 Rowan County Proposed Misenheimer Bypass to Proposed Rockwell Bypass (4.6 miles)	January 1, 2040	TBA	ROW Acquisition 2027	\$39,321,000	TBA	Alexander Foster (919) 707-6239	DDRL *The PE work for this project has been temporarily suspended.*



Cabarrus-Rowan MPO  
**NCDOT Division 9 Transportation Update**  
 January 2024

TIP / WBS No.	Description	Let Date	Completion Date	Status	Construction Cost	Contractor	Project Administrator	Comments
<b>PROJECTS UNDER DEVELOPMENT</b>								
U-5901 44705.3.1	Airport Parkway –Construct 2-lane roadway on Multilane right of way in new location from SR 1710 (Harrison Rd) near US 70/601 (Jake Alexander Blvd) to SR 2539 (Peach Orchard Rd) at US 29 in Salisbury	2030	TBA	Planning/Design in Progress ROW Acquisition 2027	\$39,502,000	TBA	Ryan Newcomb (336) 747-7800	DDRL - Raleigh Let. Express design update in progress to update project estimate. Project is now on the PE Move Forward List. NTP for PE work issued 1/17/23. Project website updates are complete. Start of study letters have been sent. Merger Screening meeting held October 12, 2023. Working on CP1 packet. Planning for CP1 meeting in early 2024.
U-6062 47486.3.1	Upgrade SR 2739 (N. Main St and S. Main St) to incorporate Bicycle Lanes and Sidewalks, from SR 2000 (Jackson Park Rd/N. Loop Rd) in Kannapolis to SR 1211 (Kimball Rd) in China Grove	2031	TBA	ROW Acquisition 2028	\$28,400,000	TBA	Ryan Newcomb (336) 747-7800	DDRL - *The PE work for this project has been temporarily suspended.* Express design update in progress to revise project estimate.
U-6130 48321.3.1	Construct ramp and intersection improvements on US 29 at NC 152 in China Grove	Funded for Preliminary Engineering Only	Funded for Preliminary Engineering Only	Funded for Preliminary Engineering Only	\$2,000,000	Funded for Preliminary Engineering Only	Ryan Newcomb (336) 747-7800	Division POC (DPOC) *The PE work for this project has been temporarily suspended.* Express design update in progress to revise project estimate.
W-5709E 44855.3.5	Construct Roundabout and other safety improvements at Intersection NC 153 (Rice Street) and SR 1197 (Cannon Farm Rd) in China Grove	August 28, 2024	TBA	ROW Acquisition in progress	\$2,500,000	TBA	Matt Jones (336) 747-7800	Division POC Let (DPOC) - Project is progressing with design and right of way acquisition. Right of way acquisitions are underway, working to acquire all parcels required for utility relocations.
Y-5500IA 80000.2.1.12	SR 1526 (Henderson Grove Church Rd) RR Crossing #724 362M Closure	May 29, 2024	TBA	ROW Acquisition in progress	\$4,150,000	TBA	Brian Gackstetter (919) 707-4131	Division POC Let (DPOC) - ROW Plans Complete (RPC)(09/02/2021). STIP Amendment to be submitted for funding source change.
<b>STATE FORCES CONSTRUCTED PROJECTS</b>								
48921	Construct right turn lane on SR 1210 (Old Beatty Ford Rd) at US 29.	May 31, 2024	TBA	ROW Acquisition complete. Utility relocations are required.	\$361,000	State Forces	Matt Jones (336) 747-7800	High Impact Low Cost (HILC) project - Utility relocations are being scheduled with the owners. NCDOT maintenance forces will assess their current workload and projects to determine if construction could begin by Fall 2023.
SM-5709G	Construct left turn lane on NC 152 at US 29 in China Grove	August 31, 2023	TBA	Under Construction	\$290,000	State Forces	Matt Jones (336) 747-7800	Work is nearing completion and should be finalized over the next month.
<b>DIVISION BRIDGE PROJECTS UNDER DEVELOPMENT</b>								
15BPR.74	Bridge Rehabilitation - Bridge #137 and #465 on I-85 over Yadkin River	April 15, 2025	TBA	TBA	\$4,200,000	TBA	Daniel Dagenhart (336) 747-7800	In development
17BP.9.R.86	Replace Bridge #205 over Grant's Creek on SR 1516 (Airport Rd) in Rowan County	May 29, 2024	TBA	ROW Acquisition Complete	\$1,000,000	TBA	Daniel Dagenhart (336) 747-7800	Project is on schedule.
17BP.9.R.96	Replace Bridge #254 over Kerr Creek on SR 1547 (Caldwell Rd) in Rowan County	February 11, 2026	TBA	ROW Acquisition in progress	\$900,000	TBA	Daniel Dagenhart (336) 747-7800	Planning and Design underway.
BP9-R004 BP9-R004.3 (formerly 17BP.9.R.78)	Replace Bridge #235 over Unnamed Creek on SR 1322 (Ebenezer Rd) in Rowan County	November 13, 2024	TBA	ROW Acquisition in progress	\$750,000	TBA	Daniel Dagenhart (336) 747-7800	Planning and Design underway.
BP9-R012 BP9-R012.3 (formerly 17BP.9.R.105)	Replace Bridge #108 over Tuckertown Reservoir on SR 1004 (Stokes Ferry Rd) in Rowan County	August 27, 2025	TBA	ROW Acquisition Nov. 23, 2023	\$1,500,000	TBA	Daniel Dagenhart (336) 747-7800	Planning and Design underway.

Cabarrus-Rowan MPO  
**NCDOT Division 9 Transportation Update**  
 January 2024

TIP / WBS No.	Description	Let Date	Completion Date	Status	Construction Cost	Contractor	Project Administrator	Comments
<b>LOCALLY ADMINISTERED PROJECTS</b>								
BL-0034	US 601 from north of Kelsey Scott Park Greenway to end of Salisbury Mall project in Salisbury. Construct sidewalk connections to Salisbury Greenway/Carolina Thread Trail.	September 30, 2025	TBA	ROW Acquisition December 28, 2024	\$845,040	TBA	Wendy Brindle (704) 638-5201	Non-DOT let (LAP) - City of Salisbury - PEF has been chosen and OIG reviewing.
C-5603D 43713.3.4	Construct sidewalks on Old Concord Rd from Ryan St to Jake Alexander Blvd	April 30, 2024	TBA	ROW Acquisition in progress	\$414,000	TBA	Wendy Brindle (704) 638-5201	Non-DOT let (LAP) - City of Salisbury - Reviewing final plans. The City has received ROW phase authorization. Need ROW certification to ask for construction authorization.
C-5603H 43713.3.8	Brenner Ave from Statesville Blvd. to W Horah St and Brenner Ave. at Link Ave. in Salisbury	September 1, 2024	TBA	ROW Acquisition in progress	\$643,000	TBA	Wendy Brindle (704) 638-5201	Non-DOT let (LAP) - City of Salisbury - in design. The City has received ROW phase authorization. 100% Plans and Proposal have been reviewed and comments provided 12-13-23.
EB-5619B 56033.3.3	Grants Creek Greenway - Construct Multi-use trail from Kelsey Scott Park to Forestdale Dr in Salisbury	September 29, 2024	TBA	ROW Acquisition in progress	\$1,439,000	TBA	Wendy Brindle (704) 638-5201	NON-DOT let (LAP)
EB-5861	Third Street Greenway from 3rd Street to Yadkin River in Spencer. Construct alternate route, including spur from Grants Creek	September 30, 2024	TBA	TBA	TBA	TBA	Joel Taylor (704) 633-5331	Non-DOT let (LAP) - Town working on municipal agreement with LPMO.
HL-0049	US 70 / US 601 (Jake Alexander Blvd) to Milford Hills Rd in Salisbury. Construct Median; Construct roundabout at Milford Hills Rd.	September 30, 2024	TBA	ROW Acquisition April 1, 2024	\$830,000	TBA	Wendy Brindle (704) 638-5201	Non-DOT let (LAP) - PE funding was requested on 7/19/23. BOT approved funds on September 2023 agenda.
<b>COMPLETED PROJECTS</b>								
HS-2009D	Extend concrete median and install U-turn bulb out on Jake Alexander Blvd east of Morlan Park Rd in Salisbury	May 24, 2023	October 31, 2023	99% Complete	\$443,685	Atlantic Contracting Company, Inc.	Eric Goldston (704) 630-3220	U-Turn completed on 11/3/23. All work completed except vegetation establishment.
HS-2009E	Pavement Grinding and Markings on SR 1002 (Old Concord Road) from Cabarrus County Line (Milepost 28.57) to Jake Alexander Boulevard (Milepost 17.63) in Salisbury	March 27, 2023	TBA	100% Complete	\$188,317	TRP Construction Group, LLC	Kelly Seitz (704) 630-3200	Project completed on 9/01/2023.



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TIP/WBS No#	DESCRIPTION	LET DATE	COMPLETION DATE	STATUS	CONSTRUCTION COST	CONTRACTOR	PROJECT ADMINISTRATOR	COMMENTS
B-5808	Bridge 120057 & 120059 (US 29/601) over Irish Dutch Buffalo Creek near Poplar Tent Road	July 2023	FALL 2026	13.0% Complete	11.7 M	Dane Construction	NCDOT Michael Mariano 704-983-4380	Project is under CONstruction. Vegetation scheduled for completion in November 2026.
B-5810	Bridge 120022 /NC24-27. Locust, NC. Replace bridge over Rocky River	August 2022	July 2024	81.5% Complete	6.1 M	Dane Construction	NCDOT Michael Mariano 704-983-4380	Deck is complete. Pouring bridge rail completed December 23. Bridge will be open to single lane of traffic by end of January 2024.
B-5375	Bridge120 137 / SR 1132 (Miami Church Road) Mt. Pleasant over Dutch Buffalo Creek	July 2022	November 2023	100% Complete	1.2 M	NJR Group	NCDOT Michael Mariano 704-983-4380	<b>PROJECT IS COMPLETE</b>
B-5813	Bridge 120132 / NC 73 over Dutch Buffalo Creek	January 2022	Winter 2024	61.36 % Complete	4.3 M	NJR Group	NCDOT Michael Mariano 704-983-4380	CONstruction began in March 2022. Work was delayed due to lack of available ductile iron pipe. Deck has been poured.
<b>PROJECTS UNDER DEVELOPMENT</b>								
B-5372	Bridge 120109 / SR 1706 Kannapolis Bridge on (East First Street) over US 29	Fall 2024	TBD		5.8 M	TBD	NCDOT Garland Haywood 704-983-4400	Currently in design. ROW acquisition & Permitting in progress. LET has been delayed.
17bp.10.C.6	Pipe on Hahn Road - Replace Pipe	Summer 2026					NCDOT Garland Haywood 704-983-4400	
17BP.10.R.110	Bridge 120105 / E. Gold Hill Road Mt. Pleasant Replace bridge over branch of Big Bear Creek	Spring 2025	Spring 2026		895 K	TBD	NCDOT Garland Haywood 704-983-4400	Project Currently in Design - LET date accelerated in response to additional funding.
BP10.R010	Bridge 120245 / SR 1309 (Stough Road) over Wolf Meadow Creek	N/A	N/A		2.5 M	TBD	NCDOT Garland Haywood 704-983-4400	<b>PROJECT IS BEING OMITTED</b> : This bridge was rehabilitated to extend the life of the facility. It will be replaced under the R-2246A Stough Road widening project.
BP10.R015	Bridge 120129 / SR 2635. (Old Airport Road) Concord over Cold Water Creek	Winter 2027	Spring 2029	Page 61	1.3 M	TBD	NCDOT Garland Haywood 704-983-4400	Project Currently in Design - LET date accelerated in response to additional funding.

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	TIP/WBS No#	DESCRIPTION	LET DATE	COMPLETION DATE	STATUS	CONSTRUCTION COST	CONTRACTOR	PROJECT ADMINISTRATOR	COMMENTS
R	BR-0181	Bridge 120062 / SR 2180 (Lane St.) over Lake Fisher	Fall 2027	TBD		TBD	TBD	NCDOT Garland Haywood 704-983-4400	Bridge Project was scoped on July 25, 2023 and design work is underway.
	BR-0244	Bridge 120033 / SR 1625 (Rogers Lake Rd.) over Irish Buffalo Creek	Summer 2027	TBD		TBD	TBD	NCDOT Garland Haywood 704-983-4400	Bridge Project to be scoped in Fall 2023 to develop replacement plans.
O									
J	BP10.R034	Bridge 120073 / SR 2416 (Mt Olive Road) Mt. Pleasant over Branch of Dutch Buffalo Creek	Fall 2026	Fall 2027		750 K	TBD	NCDOT Randy Bowers 704-983-4400	Project Currently in Design. Contract LET delayed 2 years due to estimated cost of CONstruction potential and funding source.
E	BP10.C010	Bridge 120301 / SR 2608 (Hahn Road) over Little Bear Creek	TBD	TBD		\$800K	TBD	NCDOT Garland Haywood 704-983-4400	<b>PROJECT REMOVED</b> from current program to allow other projects listed to advance in LET dates. Will re-evaluate bridge in the future.
C	BP10.R047	Bridge 120083 / SR 2408 (Gold Hill Road) over Dutch Buffalo Creek	Winter 2025	Summer 2027		900 K	TBD	NCDOT Garland Haywood 704-983-4400	Project Currently in Design - LET date accelerated in response to additional funding.
T	BP10.R055	Bridge 120292 / Mauney Road Mt. Pleasant Replace bridge over Little Meadow Creek	Winter 2025	Fall 2026		750 K	TBD	NCDOT Garland Haywood 704-983-4400	Project Currently in Design with two month delay in LET schedule for additional time for ROW and Utilities.
S	BP10.C003	Bridge 120050 / SR 2113 (Penninger Road) over Br. Of Cold Water Creek	Fall 2029	Spring 2031		\$870K	TBD	NCDOT Garland Haywood 704-983-4400	Project Currently in Design with two month delay in LET schedule for additional time for ROW and Utilities.
	BP10.R019	Bridge 120173 / SR 1169 (Peach Orchard Road) Harrisburg over McKee Creek	LET Date beyond 2026. Currently not established	TBD		500 K	TBD	NCDOT Garland Haywood 704-983-4400	Plan Development will proceed when LET has been scheduled and confirmed.
	BP10.C001	Bridge 120219 / SR 2710 (Walker Road) Concord over Adams Creek	LET Date beyond 2026. Currently not established	TBD		450 K	TBD	NCDOT Garland Haywood 704-983-4400	Plan Development will proceed when LET has been scheduled and confirmed.

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TIP/WBS No#	DESCRIPTION	LET DATE	COMPLETION DATE	STATUS	CONSTRUCTION COST	CONTRACTOR	PROJECT ADMINISTRATOR	COMMENTS
BP10.R031	Bridge 210 / SR 1006 (Mt Pleasant Road) Mt. Pleasant over Bost Creek	LET Date beyond 2026. Currently not established	TBD		550 K	TBD	NCDOT Garland Haywood 704-983-4400	Plan Development will proceed when LET has been scheduled and confirmed.

## MUNICIPAL PROJECTS

### ACTIVE CONSTRUCTION PROJECTS

M U N I C I P A L  P R O	U-6098/47706	(PHASE II) Cabarrus County -Various; Left turn lane at NC 73 and SR 1430 // Turn lanes at access rd. NC 73 // RAB SR 1620 & SR 1621 // Extend storage I-85 ramps	Spring 2023	Spring 2024	30% Complete*	2.7 M	Sealand Contractors Corp.	City of Kannapolis NCDOT Jeff Burleson 704-983-4400	Phase I is completed. *A small section of Phase II was completed during the CONstruction of Phase I. Anticipated completion Date: June 2024.
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### PROJECTS UNDER DEVELOPMENT

	BL-0043	N Washington St (NC 73 to Park Drive) Sidewalk, C&G, widening, sharrows	September 2024	TBD		524 K	TBD	Mt Pleasant NCDOT Jeff Burleson 704-983-4400	PEF selected and now negotiating rates.
	C-5603I	US 601 From Flowe Store Road to Zion Road with US 601 and Flowe Store Road. Sidewalk and intersection improvements	September 2024	TBD		1.5 M	TBD	Concord NCDOT Jeff Burleson 704-983-4400	Awaiting (75%) plans submittal. ROW Authorization proposed 3/1/24.
	EB-5732	SR 2894 (Concord Mills Blvd.) Concord Construct Sidewalks on Concord Mills Blvd. and portions of Weddington Road from US 29 to SR 1431	R/W 2024 LET 2026	2027		6 M	HNTB	NCDOT Sean Epperson 704-983-4400	<b>PROJECT IS REACTIVATED</b> Additional funding is needed to move forward.
	C-5603F	Bethpage Road From South Main Street to Leonard Avenue and from Westgreen Drive to Klondale Avenue sidewalk	March 2025	TBD		208 K	TBD	Kannapolis NCDOT Jeff Burleson 704-983-4400	Waiting on revised ROW plan submittal and CE.
	EB-5844	Little Texas Road Lane Street to Dale Earnhardt Blvd sidewalk	September 2024	TBD		2.1 M	TBD	Kannapolis NCDOT Jeff Burleson 704-983-4400	ROW plans due 1/24.
	HL-0062	NC 49 from Morehead Rd to Cedar Dr-Access Management Improvement	March 2025	TBD	Page 63	6.5 M	TBD	Harrisburg NCDOT Jeff Burleson 704-983-4400	Working on PEF selection and rate approval. Printed on 1/20/24

TIP/WBS No#	DESCRIPTION	LET DATE	COMPLETION DATE	STATUS	CONSTRUCTION COST	CONTRACTOR	PROJECT ADMINISTRATOR	COMMENTS
<b>J E C T S</b>	<b>HL-0063</b>	<b>Caldwell Rd</b> from US 29 to NC 49-Intersection Improvement and Roadway Extension	March 2025	TBD	4.2 M	TBD	Harrisburg NCDOT <b>Jeff Burleson</b> 704-983-4400	Working on PEF selection and rate approval.
	<b>HL-0001</b>	<b>Poplar Tent Road</b> Improvements (Moss Drive to Fullerton PI Drive)	August 2025	TBD	3.9 M	TBD	Concord NCDOT <b>Jeff Burleson</b> 704-983-4400	(PE, ROW, CON) PE funds approved 8/17/22. RK&K selected as PEF and rates/contract apprvd. Starting design talks and environmental.
	<b>BL-0060</b>	<b>Cox Mill Road Loop</b> Greenway & Bicycle/Ped bridge	August 2025	TBD	1.9 M	TBD	Mt Pleasant NCDOT <b>Jeff Burleson</b> 704-983-4400	CON PHASE ONLY Agreement executed 1/20/23.
	<b>BL-0086</b>	Hickory Ridge Rd and Stallings Rd sidewalks	February 2025	TBD	1.5 M	TBD	Harrisburg NCDOT <b>Jeff Burleson</b> 704-983-4400	PE Funds Auth 11/2/23. Awaiting PEF selection process.
	<b>BL-0087</b>	Elm Ave, Glenn St, Crowell Dr, & Cedar Dr sidewalk	September 2024	TBD	1.6 M	TBD	Concord NCDOT <b>Jeff Burleson</b> 704-983-4400	Project in its earliest discussion. Yet to schedule date or start the LAP process. Awaiting discussion.

<b>R U R A L</b>	<b>RURAL PROJECTS</b>							
	<b>PROJECTS UNDER DEVELOPMENT</b>							
	<b>R-2246A</b>	<b>George Liles Parkway</b> Concord NC 49 to Roberta Road. Widen to Multi-Lanes	R/W 2028 LET 2030	TBD		16.5 M	TBD	NCDOT <b>Travis Preslar</b> 704-983-4400

<b>VARIOUS PROJECTS</b>								
<b>ACTIVE CONSTRUCTION PROJECTS</b>								
<b>SS-6210A 49966</b>	<b>Zion Church Road and Zion Church Road</b> All-way Stop	December 2023	November 2023		121 K	NCDOT	NCDOT <b>Zach Gardner</b> 704-983-4400	All-Way Stop was installed on 12/14/2023.
<b>SS-6010AX 49833.3.1</b>	<b>Zion Church Road and Central Heights Drive</b> All-way Stop	October 2023	November 2023		20 K	NCDOT	NCDOT <b>Zach Gardner</b> 704-983-4400	All-Way Stop has been installed.

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	TIP/WBS No#	DESCRIPTION	LET DATE	COMPLETION DATE	STATUS	CONSTRUCTION COST	CONTRACTOR	PROJECT ADMINISTRATOR	COMMENTS
V A R I O U S P R O J E C T S	HE-0015	<b>NC 49 @ Prince Circle</b> (West of General Services Drive SW) Convert existing full access crossover to reduced conflict intersection with leftovers and signalized U-turn leftovers.	December 2023	Summer 2024		2 M	Nassiri Development	NCDOT <b>Marc Morgan</b> 704-983-4380	Contract awarded to Nassiri Development. Preconstruction meeting week of 12/18/2023. Construction to begin January 2024.
	2024CPT.10.0 3.10131 - Contract DJ00486	<b>VARIOUS LOCATIONS - 1</b> Section of NC 3, 1 Section of NC 24/27 and 3 sections of secondary roads	December 2023	October 2025	0% Complete	2.6 M	NJR Group, Inc.	NCDOT <b>Marc Morgan</b> 704-983-4380	
	2023CPT.10.1 5.20131 - Contract DJ00453	<b>VARIOUS LOCATIONS - 9</b> sections of secondary roads	March 2023	November 2024	0% Complete	2.4 M	NJR Group, Inc.	NCDOT <b>Marc Morgan</b> 704-983-4380	Anticipate work to begin Summer 2024
	2023CPT.10.1 6.20132 Contract DJ00454	<b>VARIOUS LOCATIONS -</b> Sections of 10 secondary roads	March 2023	June 2024	100% Complete	416 K	Carolina Road Solutions LLC	NCDOT <b>Marc Morgan</b> 704-983-4380	<b>PROJECT COMPLETED.</b> Final Estimate currently being prepared.
	2023CPT.10.1 4.10131 - Contract DJ00447	<b>VARIOUS LOCATIONS - 1</b> Section of NC 3 and 3 sections of secondary roads	January 2023	October 2024	0% Complete	2.3 M	NJR Group, Inc.	NCDOT <b>Marc Morgan</b> 704-983-4380	Anticipate work to begin Spring 2024
	2022CPT.10.0 9.10131 - Contract C204686	<b>VARIOUS LOCATIONS - 1</b> Section of NC 3 and 39 sections of secondary roads	December 2021	February 2024	64% Complete	5.5 M	NJR Group, Inc.	NCDOT <b>Marc Morgan</b> 704-983-4380	Project has experienced delays due to weather. Anticipated delivery February 2024.
	R-5790JG 44920.3.15	<b>VARIOUS LOCATIONS -</b> Installation of curb ramps.	April 2023	August 2024	30% Complete	486 K	East Construction Co., LLC	NCDOT <b>Jon Hinson</b> 980-523-0080	Project is under CONstruction. Estimated completion date is 08/28/2024.
<b>PROJECTS UNDER DEVELOPMENT</b>									
	R-5790JH	<b>VARIOUS LOCATIONS -</b> Installation of curb ramps.	November 2023	TBD		690 K	TBD	NCDOT <b>Tim Kirk</b> 704-983-4400	

## CABARRUS-ROWAN MPO PROJECT UPDATES LISTING

TIP/WBS No#	DESCRIPTION	LET DATE	COMPLETION DATE	STATUS	CONSTRUCTION COST	CONTRACTOR	PROJECT ADMINISTRATOR	COMMENTS
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### RAILROAD PROJECTS

#### PROJECTS UNDER DEVELOPMENT

RAILROAD

Y-4810K	<b>Rogers Lake Road</b> Grade Separation over NA/NCRR Railroad and closure at Grade Crossing N.724408Y in Kannapolis	November 2022	December 2026	19.12 % Complete	16.3M	NJR Group, Inc.	NCDOT <b>Michael Mariano</b> 704-983-4400	Project is currently under CONstruction. Estimated completion date is December 12, 2026.
P-5725	<b>Kannapolis Train Station</b> Second Platform and Pedestrian Overpass	June 2025	TBD		13.4 M	TBD	NCDOT <b>Brad Smythe</b> 919-707-4118	Utility Relocations being performed. Pending Railroad CONstruction Agreement completion.

### I-85 PROJECT

#### PROJECTS UNDER DEVELOPMENT

I-85

I-3802AA	<b>I-85</b> Installation of Fiber Optic Communications Network, CCTV and DMS System for I-3802A project	February 2023	October 2024 - January 2025	Awarded	2.1 M	Traffic Control Devices	NCDOT <b>Michael Mariano</b> 704-983-4400	Project is currently under CONstruction. Allotted 510 days to Complete construction.
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### URBAN PROJECTS

#### ACTIVE CONSTRUCTION PROJECTS

URBAN

U-3440	<b>NC 3 Kannapolis.</b> U-2009 (Westside Bypass)-TO-SR 1691 (Loop Road). Widen existing route to multi-lane facility	November 2016	Spring 2024	97% Complete	34.1 M	JT Russell	NCDOT <b>Jon Hinson</b> 980-523-0085	Project under CONstruction. The mainline is open to thru traffic. Inside lanes are closed to finish grass medians and concrete islands. Anticipated completion Spring 2024.
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#### PROJECTS UNDER DEVELOPMENT



TIP/WBS No#	DESCRIPTION	LET DATE	COMPLETION DATE	STATUS	CONSTRUCTION COST	CONTRACTOR	PROJECT ADMINISTRATOR	COMMENTS	
A N P R O J E C T S	U-5761	NC 3 (Dale Earnhardt Blvd.) Kannapolis Improve Intersection of NC 3 and US 29/601	R/W-2022 LET 2025	2027 PROJECTED	90% Plans R/W 60%	10.9 M	RS&H	NCDOT Donald Griffith 704-983-4418	ROW Acquisition has been paused due to utility revisions and will resume once markups are complete. Anticipated Schedule Change Request was sent 8/23/2023 to reflect 2025 LET. Schedule change IS complete and properly reflected in SAP.
	U-6032	Mallard Creek Road (SR-2467)/ Derita Rd (SR-1445) from I-485 to Concord Mills Blvd. Widen to 6 lanes	R/W-2022 LET 2025	2027 PROJECTED	75% Plans	25 M	KCI	NCDOT Donald Griffith 704-983-4418	Currently in Design. PE work continuing. ROW Acquisition paused due to Duke Energy mark-up. Schedule Change Request is anticipated due to the delay in utilities. PM will provide update when SCR has been sent.
	U-5956	US 29 Concord. Realign Union Cemetery Road to Intersect US 29 at Rock Hill Church Road	R/W-2022 LET 2025	2027 PROJECTED	75% Plans	8.1 M	Kimley-Horn	NCDOT Randy Bowers 704-983-4400	ROW Acquisition in progress.
	U-3415A	SR 1394 Poplar Tent Rd. Concord Derita Road to George Liles Pkwy. Widen to 4 lane divided	R/W-2024 LET-2027	2029 PROJECTED	15 % Plans	20.5 M	TBD	NCDOT Donald Griffith 704-983-4418	<b>PROJECT IS BEING RESTARTED</b> and moving forward. Working toward 25% plans.
	U-6029	SR 1394 Poplar Tent Rd. Concord Derita Road to NC 73. Widen to 4 lanes						NCDOT Sean Epperson 704-983-4400	<b>PROJECT NOT FUNDED</b>

**CONGESTION PROJECTS**

**HIGHWAY SAFETY PROJECTS**

**ACTIVE CONSTRUCTION PROJECTS**

47866/ SS-4910CK	Poplar Tent Rd. at Rock Hill Church Road & Eva Drive Concord Intersection improvements	March 2023	Spring 2024	Page 67	1.48 M	NJR Group	NCDOT Michael Mariano 704-983-4380	Project began in July however it was halted due to utility conflicts. Conflicts have now been resolved and crews are back to work. <small>Printed on 1/10/2024</small>
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TIP/WBS No#	DESCRIPTION	LET DATE	COMPLETION DATE	STATUS	CONSTRUCTION COST	CONTRACTOR	PROJECT ADMINISTRATOR	COMMENTS	
<b>PROJECTS UNDER DEVELOPMENT</b>									
<b>S A F E T Y</b>	<b>W-5710AO</b>	<b>Salisbury-Concord Road/ Old Concord Rd. Kannapolis to Irish Potato Road. Install Roundabout</b>	December 2023	Summer 2024	75% ROW	1.15 M	TBD	NCDOT <b>Donald Harward</b> 704-983-4400	<b>Project Approved to move forward.</b> Project has been awarded. Clearing to begin January 2024 with CONstruction set for Summer 2024.
	<b>HS-2010M</b>	Various Locations - wrong way markings and signs	February 2024					NCDOT <b>Jared Mathis</b> 704-983-4400	
	<b>HS-2010O</b>	<b>NC 73.</b> Install rumble strips and long life pavement markings.	March 2024	TBD		1.1 M	TBD	NCDOT <b>Jared Mathis</b> 704-983-4400	From Cabarrus/Mecklenburg County Line to 6700 Davidson Hwy, From Gold Hill Road to Radcliff Road, From Blueberry Street (Cabarrus County) to Blake Road Stanly County)
	<b>HS-2010P</b>	<b>NC 49; US 601; and, NC 3.</b> Install rumble strips and long life pavement markings.	March 2024	TBD		1.4 M	TBD	NCDOT <b>Jared Mathis</b> 704-983-4400	NC 49 From N. Drive to just West of Private Drive, US 601 From Jim Sossoman Road to just South of Flowe Store Road, and NC 3 from October Lane to the Iredell County Line.
	<b>HS-2010Q</b>	NC 49 @ Old Airport Road - Covert to RCI	Spring 2027					NCDOT <b>Jared Mathis</b> 704-983-4400	
	<b>HS-2010R</b>	Robinson Church Road Near Peach Orchard Road - Wedge, Widen, Shoulders, grad Ditch	Summer 2027					NCDOT <b>Jared Mathis</b> 704-983-4400	
	<b>HS-2010D</b>	<b>NC 24/27 and Bethel School Road</b> Half RCI	Summer 2024	TBD		392 K	TBD	NCDOT <b>Donald Harward</b> 704-983-4400	ROW Completed. Utility Relocations have begun.
	<b>HS-2010F</b>	<b>NC 24/27 and Pine Bluff/Reed Mine Road</b> RCI	February 2025	TBD		750 K	TBD	NCDOT <b>Donald Harward</b> 704-983-4400	Project Currently in Design.
	<b>HS-2010H</b>	<b>NC 49 and Zion Church Road</b> RCI	May 2025	TBD		1.95 M	TBD	NCDOT <b>Donald Harward</b> 704-983-4400	Project Currently in Design.

## BRIDGE PROJECTS

### ACTIVE CONSTRUCTION PROJECTS

<b>BP10.C002</b>	<b>Pipe 120247 St. Stephens Road / Mt. Pleasant Replace Pipes</b> over Butcher Branch	September 2023	Spring 2024	47.94% complete	800 K	Kemp Sigmon	NCDOT <b>Michael Mariano</b> 704-983-4380	Project has been LET.
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**Critical Intersection List**

<b>Location</b>	<b>Description</b>	<b>NCDOT Div.</b>	<b>STIP #</b>	<b>STI</b>	<b>Federal Funding</b>	<b>Safety</b>	<b>SPOT Mobility</b>	<b>Project Admin.</b>
Byrd Road and Faith Road	Roundabout	9	N	Y	N	TBD	TBD	TBD
Miller Road and NC 152 West	Roundabout	9	N	Y	N	TBD	TBD	TBD
Shue Road and N. Main Street	Intersection improvement	9	N	Y	N	TBD	TBD	TBD
NC 152 and Faith Road	Intersection alignment	9	N	Y	N	TBD	TBD	TBD
NC 150 and Rowan Mill Road/Sherrils Ford Rd	Intersection improvement	9	N	Y	N	TBD	TBD	TBD
US 29 and NC 152	Intersection improvement	9	Y	Y	N	TBD	TBD	TBD
US 29 and Old Beatty Ford Rd/Ryder Ave	Intersection improvement	9	N	N	N	TBD	TBD	TBD
Tom Query Road and Robinson Church Rd	Intersection improvement	10	N	Y	N	TBD	TBD	TBD
Roberta Road and Main Street	Roundabout	10	TBA	N	Y	TBD	TBD	Local
Bruton Smith and Weddington Road	Intersection improvement	10	Y	N	Y	TBD	TBD	Local
US 601 and Flowes Store Road	Intersection improvement	10	Y	N	Y	TBD	TBD	Local
Poplar Tent Road and Harris Road	Intersection improvement	10	Y	N	Y	TBD	TBD	Local
Oakwood Avenue and Rogers Lake Road	Intersection improvement	10	N	N	N	TBD	TBD	Local
Rock Hill Church Road and Weddington Road	Intersection improvement	10	N	N	N	TBD	TBD	Local

**From:** [Epperson, Sean M](#)  
**To:** [pconrad@rlcassoc.com](mailto:pconrad@rlcassoc.com); "Phillip Graham"  
**Subject:** Union County Critical Intersection List  
**Date:** Friday, September 29, 2023 4:44:58 PM  
**Attachments:** [2019 Critical Intersection Analysis Report FINAL.pdf](#)  
[2020 Union County CIA Study Workbook FINAL.pdf](#)  
[2021 Union County CIA Study Workbook June 2021 FINAL Reduced.pdf](#)  
[2023 Draft Critical Intersection Analysis Report 7-12-23.pdf](#)

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Attached are some of the final products from the Phase 1 and Phase 2 Union County Critical Intersection studies. Phase 3 (I think they are calling it that) is underway currently. I am attaching a draft report for it. This is what will be used to go after funding to develop concepts and estimates. This [website](#) was used to get public input on the process.

Sean Epperson, PE  
Deputy Division Engineer  
NCDOT  
Division 10

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Albemarle, NC 28001

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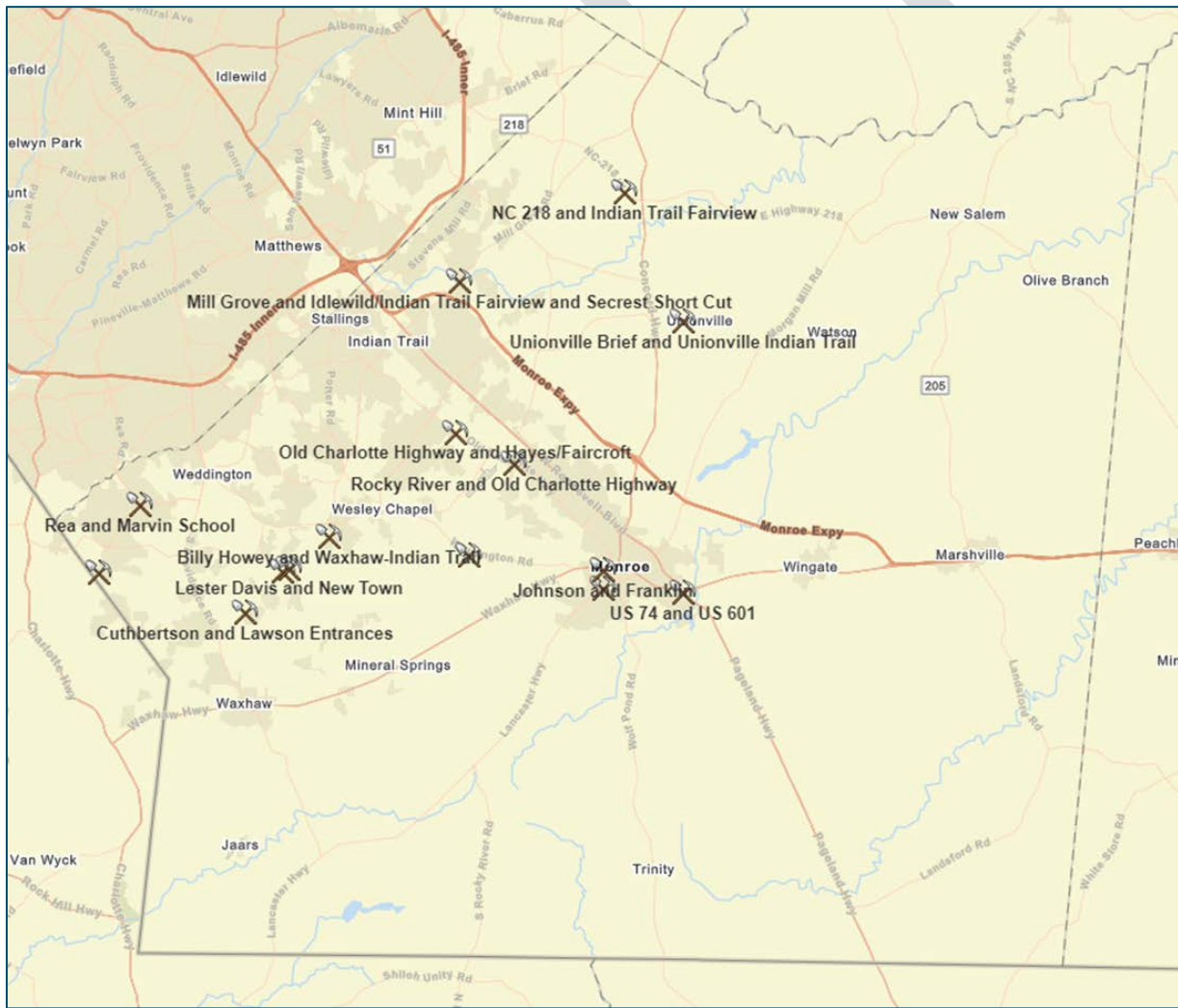
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## Recommended Intersections

The stakeholder committee identified the following 15 intersections at their August 2023 meeting. These intersections were identified based on a combination of technical need, feasibility, and local support. Some intersections, such as Stinson-Hartis/Younts/Indian Trail Fairview in Indian Trail or Sunset and Hayne in Monroe, scored well in the process, but were not included in the recommended list because the needed improvement was a wholesale corridor widening, which would be beyond the scope of this set of recommendations.

While the projects shown in the map are largely recommended based on scores because of this process, this list should not be interpreted as a rank order of need or priority. There are multiple funding sources available through CRTPO and the NCDOT, and each emphasizes different aspects of the issues with an intersection. Some candidate projects are only eligible for safety funds through the NCDOT, while others would be competitive for congestion-focused programs through CRTPO. Most would be appropriate projects to consider through several programs.

**Map 6: 2023 Critical Intersections**



The critical intersections from this process are listed below with some background information about traffic, safety, and municipal impacts.

**Table 5: 2023 Critical Intersection List**

<b>Intersection</b>	<b>Municipality</b>	<b>Traffic Growth</b>	<b>Safety (Total Crashes over Last Five Years)</b>
US 74 and US 601	Monroe	Moderate	More than 50 crashes
Rocky River and Old Charlotte Highway	Monroe	Moderate	More than 60 crashes
Mill Grove and Idlewild/Indian Trail-Fairview and Secrest Short Cut (Two Intersections)	Hemby Bridge and Indian Trail	Moderate	More than 70 crashes
New Town and Cuthbertson	Wesley Chapel	High	More than 30 crashes
Rea Road and Marvin School	None	High	11 to 20 crashes
Willoughby and NC 84	None	High	21 to 30 crashes
Old Charlotte Highway and Hayes/Faircroft (Two Intersections)	Indian Trail	High	21 to 30 crashes
NC 218 and Indian Trail-Fairview	Fairview	Moderate	21 to 30 crashes
Billy Howey and Waxhaw-Indian Trail	Wesley Chapel	High	11 to 20 crashes
Johnson and Franklin	Monroe	Moderate	21 to 30 crashes
Lester Davis and New Town	Wesley Chapel	High	21 to 30 crashes
Cuthbertson and Lawson/Brough Hall (Four Intersections)	Waxhaw	High	11 to 20 crashes
Bragg and Lancaster Ave	Monroe	Low	11 to 20 crashes
Stacy Howie and Waxhaw-Marvin	Marvin	High	11 to 20 crashes
Unionville-Indian Trail and Unionville-Brief/CJ Thomas	Unionville	Low	Up to 10 crashes

## Adoption Process

This overall analysis involved significant coordination and outreach with the public, municipalities, and the NCDOT. The Stakeholders Committee recommended this plan and list of intersections at its August 4, 2023, meeting. The process and recommendations were presented to the eight affected municipalities in August and September, with the opportunity for public feedback at each meeting. Each community endorsed the plan recommendations. The Union County Board of Commissioners then unanimously adopted the plan at its September 18, 2023, meeting.

## Implementation

The goal of this work is to improve the road network in Union County for the traveling public. Addressing identified issues at these locations will require money to plan, design, and construct needed improvements. Fortunately, there are multiple funding programs available. As identified issues coming from an adopted plan, any of these intersections could be immediately submitted for funding through the NCDOT or CRTPO, but they would likely not score well. While this process has identified these 15 locations as critical intersections, it has not identified the appropriate solution, or the benefits and costs of the solution. This information is critical to allow them to be appropriately vetted through the evaluation processes used by CRTPO and the NCDOT. The next step for many of these locations is to develop conceptual designs and cost estimates. Armed with that information, local governments and the NCDOT can then apply for funding and work to implement the projects.

***Develop Designs and Cost Estimates:*** The CRTPO regularly funds planning projects to help study transportation issues. They issue an annual call for projects to fund both construction and planning projects. The next call for projects will be in late 2023. Union County, ideally in coordination with the affected municipalities, is encouraged to submit eligible intersections for a grant to conduct traffic engineering analysis and develop cost estimates. The benefit of this process will be that the county, affected municipalities, and NCDOT will each have a design and cost estimate to jointly use for funding applications.

***Commit Local Government Funds to Projects:*** All available funding sources (CMAQ, STBG-DA, spot safety, high hazard, high impact) consider local contributions in the scoring of the projects. The rationale is that increased local funding signals a commitment to the project, as well as allows the funding agency to “grow the pot” of available funding. Multiple municipalities, as well as the County itself, have successfully partnered with the NCDOT to acquire funding for specific projects. A recent example is a partnership between the NCDOT, Village of Marvin, CRTPO, and Union County to fund a roundabout at Waxhaw-Marvin and Bonds Grove Church Roads. This trend of increased local match is only expected to increase, and communities with intersections on this list should set aside funds to allow them to quickly respond to grant applications and partnering opportunities.

***Apply for Funding:*** With the exception of a handful of municipalities, only the NCDOT has the capacity to implement intersection projects from this study. It is therefore incumbent upon all affected municipalities and Union County to regularly consult with the NCDOT Division 10 staff on upcoming grant applications and opportunities for partnership. This requires regular participation in CRTPO meetings, as well as discussion at countywide planners and CRTPO members quarterly meetings. These forums facilitate coordination and information sharing for Union County, its municipalities, and the NCDOT and should be used to advance such efforts.

***Integrate Mitigations from Proposed Developments into Funded Intersection Projects:*** Union County is a rapidly developing community, with larger developments frequently proposed. These developments are often required to address congestion and safety issues created by their development. While not required to mitigate or improve preexisting network deficiencies, coordinating any required or requested improvements into existing funded intersection projects can result in more streamlined project delivery and even additional network improvements. For example, several years ago, Union County partnered with a rezoning applicant for approximately \$380,000 in funds to apply for an intersection project at NC 84 and Potter Road, which later received funding for a roundabout based on this local match.

DRAFT

## **II-A Data and Planning Support**

*This section covers data and processes used to support transportation planning related to transportation infrastructure.*

**Programmed Amount: \$77566**

**17% of staff budget**

### **II-A-1 Networks and Support Systems Total: \$ 9500**

- The Cabarrus-Rowan MPO will create and maintain spatial data for the MPO planning area.
- Provide the public and MPO members with traffic count data from the NCDOT traffic count program.
- The Cabarrus-Rowan MPO will update GIS data for fixed routes, deviated fixed routes, service areas, and ridership for transit providers in the region.
- Maintain a GIS inventory of existing data from local, state, and federal partners related to bicycle and pedestrian transportation facilities. Continue to update sidewalk, greenways and bicycle facility data based on data available from local partners.
- Develop online mapping for displaying 2050 MTP, socioeconomic data, and other NCDOT-generated GIS layers.

### **II-A-2 Travelers and Behavior Total: \$ 15750**

- The Cabarrus-Rowan MPO will maintain an inventory of building permit data to generate a base year update and report land use changes by Transportation Analysis Zone on an annual basis.
- CRMPO staff will update the major employer data (part of InfoUSA database) that was recently used in the Metrolina Regional Model.

### **II-A-3 Transportation Modeling Total: \$ 52316**

- CRMPO will provide the CR MPO portion of the Model Custodian staff-generated expenses for the Metrolina Regional Travel Model Maintenance.

## **II-B Planning Process**

*Tasks within this category are related to the development of the MPO Metropolitan Transportation Plan and Comprehensive Transportation Plan. Federal regulations require each MPO to have a fiscally-constrained long range transportation plan looking out at least 20 years. The plan must be updated every four years. The MPO also participates in the development of the Comprehensive Transportation Plan. The plan is developed jointly with NCDOT and reflects the vision and long term needs of the transportation system. In addition, the MPO is responsible for a number of ongoing long-range planning activities such as corridor studies, congestion management monitoring and air quality planning.*

**Programmed Amount: \$95500**

**19% of staff budget (excludes Special Studies)**

### **II-B-1 Targeted Planning Total: \$ 40800**

- Participate in IIJ Act related trainings and workshops
- Begin work on the 2055 MTP Update including the financial plan, highway networks, congestion management strategies, air quality and conformity planning and documentation.
- Forecast of travel patterns using the Metrolina Regional Model

### **II-B-2 Regional Planning Total: \$ 54700**

- Support the next CTP Update including assembling the Steering Committee and setting up a process for public and stakeholder input
- Review MTP items that are the responsibility of the MPO staff; begin implementation as appropriate.
- Work with transit providers in the region to implement Section 5307 formula distribution; assist providers with any changes in federal or state funding programs and five-year CTSPs as needed.
- Coordinate with private freight carriers in the region to identify major freight needs in the region including key corridors, bottlenecks, truck parking issues and potential projects where NCDOT/CRMPO can facilitate cooperation; incorporate their plans into the MTP
- Mapping in support of TIP, Merger, Long Range Planning, Prioritization, and any background material for the Board, Committees, workgroups, and the public.
- Address Safe and Accountable Transportation Options thru Mobility Plans that improve the safety of bicyclists and pedestrians for the municipalities or as a whole planning area

### **II-B-3 Special Studies: \$ 0:**

### **III-A Unified Planning Work Program**

*The single task within this category relates to the preparation and monitoring of the MPO Unified Planning Work Program, and preparation of quarterly reports, the annual report, and requests for reimbursement.*

**Programmed Amount: \$12000**

**3% of staff budget**

#### **III-A-1 Planning Work Program Total: \$ 5000**

- The Cabarrus-Rowan MPO will develop a Planning Work Program (PWP) with the guidance of the Technical Coordinating Committee (TCC) and MPO Board; Present the UPWP for approval to the Transportation Advisory Committee.
- Develop the FY 2025 - FY 2030 Planning Work Program Calendar
- Prepare quarterly reports, the annual report, and requests for reimbursement

#### **III-A-2 Metrics and Performance Measures Total: \$ 7000**

- Provide the release of statewide performance measures to the TCC and TAC and amend the 2050 MTP as needed to reflect those performance measures. Begin work on the Green House Gas (GHG) performance measures as needed.

### **III-B Transportation Improvement Program**

*This category relates directly to the identification and prioritization of transportation improvement projects within the MPO area on an on-going basis, coordination of the MTIP with the STIP and SPOT processes, the development of the MTIP, and processing of MTIP amendments.*

**Programmed Amount: \$19500**

**4% of staff budget**

#### **III-B-1 Prioritization Total: \$ 12000**

- Maintenance of a prioritized needs list or SPOT Prioritization list of potential STIP projects.
- Work with subcommittee to update and improve local prioritization process for SPOT and STP-DA/TA projects.
- Data, Maps and Resolutions for STIP Project Recommendations as needed.
- Attendance of any STIP- or SPOT-related meetings.
- Gathering and entry of data required for SPOT ranking of projects.
- Field questions from TIP Unit on projects questions and funding requests about locally administered projects.

#### **III-B-2 Metropolitan TIP Total: \$ 5000**

- Work cooperatively with NCDOT and other partner agencies to review Draft and final STIP and review and adopt the corresponding metropolitan area TIP.
- Review and refine schedules and descriptions for TIP projects in the Draft TIP.
- Coordinate meaningful public involvement in the TIP process and in review of the TIP.
- Process a multitude of MTIP amendments from the Board of Transportation agenda.

#### **III-B-3 Merger/Project Development Total: \$ 2500**

- Review design issues for TIP Projects and provide comments to appropriate agencies.
- Participate in the environmental study process for TIP projects including the new Express Design process, and provide MPO representation to the NEPA/401 Merger Teams.
- Provide additional information related to purpose and need statements as requested

### **III-C. Civil Rights Compliance (Title VI) and Other Regulatory Requirements**

*Tasks within this category relate to the goal of integrating public involvement and context sensitivity into every aspect of the MPO*

**Programmed Amount: \$16250**

**4% of staff budget**

#### **III-C-1 Title VI Compliance Total: \$ 1250**

- Conduct ongoing analysis of all MPO planning activities for compliance with Title VI of the Civil Rights Act of 1964; 49 CFR part 21.
- Implementation of Title VI documentation and policies

#### **III-C-2 Environmental Justice Total: \$ 5000**

- Analysis and outreach to insure that transportation plans and projects comply with Environmental Justice policies.

#### **III-C-3 Public Involvement Total: \$ 10000**

- Develop outreach efforts for effectively communicating with the community about transportation planning and projects.
- Increase public involvement through updates to the CRMPO website.
- Place advertisements in media outlets as required by Public Participation Plan.





Cabarrus-Rowan MPO FY 2024-2025 UPWP

FTA CODE	TASK CODE	TASK DESCRIPTION	MPO Planning and Admin - PL104			Safe and Accountable Transportation Options PL 104 set aside (Program Code Y410)			Transit Planning - 5303				SECTION 5307				TIGER II					
			Local 20%	Federal 80%	TOTAL	Local	Federal 100%	Total	Local (10%)	State (10%)	Federal (80%)	Fund Total	Local	State	FTA 80%	5307 Total	Local	Federal	TIGER			
	II-A	Data and Planning Support	\$ 15,513	\$ 62,053	\$ 77,566							\$11,848	\$11,848	\$94,782	\$118,478							
44.22.00	II-A-1	Networks and Support Systems	\$ 1,900	\$ 7,600	\$ 9,500							\$11,848	\$11,848	\$94,782	\$118,478							
44.23.01	II-A-2	Travelers and Behavior	\$ 3,150	\$ 12,600	\$ 15,750																	
44.23.02	II-A-3	Transportation Modeling	\$ 10,463	\$ 41,853	\$ 52,316																	
	II-B	Planning Process	\$ 17,320	\$ 69,280	\$ 86,600	\$ -	\$ 8,900	\$ 8,900														
44.23.02	II-B-1	Targeted Planning	\$ 8,160	\$ 32,640	\$ 40,800																	
44.23.01	II-B-2	Regional Planning	\$ 9,160	\$ 36,640	\$ 45,800																	
	II-B-3	Safe and Accountable Transportation Options				\$ -	\$ 8,900	\$ 8,900														
44.27.00	II-B-3	Special Studies																				
	III-A	Planning Work Program	\$ 2,400	\$ 9,600	\$ 12,000																	
44.21.00	III-A-1	Planning Work Program	\$ 1,000	\$ 4,000	\$ 5,000																	
44.24.00	III-A-2	Metrics and Performance Measures	\$ 1,400	\$ 5,600	\$ 7,000																	
	III-B	Transp. Improvement Plan	\$ 3,900	\$ 15,600	\$ 19,500																	
44.25.00	III-B-1	Prioritization	\$ 2,400	\$ 9,600	\$ 12,000																	
44.25.00	III-B-2	Metropolitan TIP	\$ 1,000	\$ 4,000	\$ 5,000																	
44.25.00	III-B-3	Merger/Project Development	\$ 500	\$ 2,000	\$ 2,500																	
	III-C	Cvl Rgts. Cmp./Otr. Reg. Reqs.	\$ 3,250	\$ 13,000	\$ 16,250																	
44.27.00	III-C-1	Title VI Compliance	\$ 250	\$ 1,000	\$ 1,250																	
44.27.00	III-C-2	Environmental Justice	\$ 1,000	\$ 4,000	\$ 5,000																	
44.27.00	III-C-3	Minority Business Enterprise Planning																				
44.27.00	III-C-4	Planning for the Elderly																				
44.27.00	III-C-5	Safety/Drug Control Planning																				
44.27.00	III-C-6	Public Involvement	\$ 2,000	\$ 8,000	\$ 10,000																	
44.27.00	III-C-7	Private Sector Participation																				
	III-D	Statewide & Extra-Regional Planning	\$ 24,986	\$ 99,943	\$ 124,929																	
44.27.00	III-D-1	Statewide & Extra-Regional Planning	\$ 24,986	\$ 99,943	\$ 124,929																	
	III-E	Management Ops, Program Suppt Admin	\$ 25,206	\$ 100,824	\$ 126,030																	
44.27.00		Management Operations	\$ 25,206	\$ 100,824	\$ 126,030																	
44.27.00		Program Support Administration	\$ -	\$ -	\$ -																	
		<b>TOTALS</b>	\$ 92,575	\$ 370,300	\$ 462,875	\$ 0	\$ 8,900	\$ 8,900	\$ 11,848	\$ 11,848	\$ 94,782	\$ 118,478	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0

MPO	Cabarrus-Rowan
FTA Code	44.22.00
Task Code	II-A-1
Title	Network and Support Systems
Task Objective	Rider and Cabarrus County previously completed a Long Range Transit Plan to assess the type and level of transit services needed (locally and regionally) for all public transit in Cabarrus County over the next 20 years. CK Rider will entertain a new county-wide Long Range Public Transit Master Plan.
Tangible Product Expected	Quarterly and annual reporting information / statistics
Expected Completion Date of Products	Continuous
Previous Work	Rider System planning
Relationship	Transit Planning
Responsible Agency	LPA / IMD
SPR - Highway - NCDOT 20%	
SPR - Highway - F11WA 80%	
Section 104 (f) PL, Local 20%	1,900
Section 104 (f) PL, FHWA 80%	7,600
Section 5303 Local 10%	11,848
Section 5303 NCDOT 10%	11,848
Section 5303 FTA 80%	94,782
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT 10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	

**Attachment # 7**  
**Anticipated DBE Contracting Opportunities for 2024-25**

Name of MPO: Cabarrus-Rowan MPO                       Check here if no anticipated DBE opportunities

Person Completing Form: Phil Conrad                      Telephone Number: 704-791-0608

Prospectus Task Code	Prospectus Description	Name of Agency Contracting Out	Type of Contracting Opportunity (Consultant, etc.)	Federal Funds to be Contracted Out	Total Funds to be Contracted Out
II-A-1	Network and Support Systems (Section 5303)	City of Concord	Consultant	\$15,601	\$19,501
II-A-1	County-wide Long Range Public Transit Master Plan	City of Concord/MPO	Consultant	\$79,182	\$98,977

Sample Entry:

II-C-11	Transit Plan Evaluation	Big City Planning Department	Consultant	\$48,000	\$60,000
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**Note: This form must be submitted to NCDOT-PTD even if you anticipate no DBE Contracting Opportunities. Note “No contracting opportunities” on the table if you do not anticipate having any contracting opportunities.**

## Cabarrus-Rowan MPO Local Match Table

<b>MPO Member</b>	<b>2020 Pop.</b>	<b>Percent</b>	
Concord	105,240	28.24%	\$ 26,142
Rowan County	81,117	21.77%	\$ 20,150
Kannapolis	53,114	14.25%	\$ 13,194
Cabarrus County	52,396	14.06%	\$ 13,015
Salisbury	35,540	9.54%	\$ 8,828
Harrisburg	18,967	5.09%	\$ 4,711
Midland	4,684	1.26%	\$ 1,164
China Grove	4,434	1.19%	\$ 1,101
Landis	3,690	0.99%	\$ 917
Spencer	3,308	0.89%	\$ 822
Granite Quarry	2,984	0.80%	\$ 741
Rockwell	2,302	0.62%	\$ 572
Mount Pleasant	1,671	0.45%	\$ 415
E. Spencer	1,567	0.42%	\$ 389
Cleveland	846	0.23%	\$ 210
Faith	819	0.22%	\$ 203
<b>Total</b>	<b>372,679</b>		<b>\$ 92,575</b>

Jurisdiction	Project Description	Intersection or Street Location	Supplemental Local Data Available (Y or N)	Additional Comments
<b>Town of Harrisburg</b>	ADA Analysis	Morehead Road between Hwy 49 to Rocky River Crossing & a Portion of Rocky River Crossing (approximately 1 mile of sidewalk)	Y	The Town would like to get an idea of what improvements are needed for these intersections and sidewalks to meet ADA. Ideally report would be provided with supplemental data in a GIS shapefile. Morehead Road sidewalk is a Town-maintained sidewalk on an NCDOT route.
<b>Town of Landis</b>	Pedestrian/Bicycle	951 Kimball Road	N	YMCA and soccer field no pedestrian sidewalks or bicycle areas
<b>Town of Faith</b>	Pedestrian and Cyclist Safety	Main St from Brown St to School St	N	Many active pedestrians & cyclists in this congested stretch of Main St

	RIDER TRANSIT						RIDER ADA PARATRANSIT					
	2018	2019	2020	2021	2022	2023	2018	2019	2020	2021	2022	2023
January	28618	35154	32795	19946	13670	26317	786	1014	1233	1064	1291	1877
February	30231	32851	31073	23498	20251	25535	887	1001	1238	1065	1358	1459
March	32443	35038	25626	36652	23914	28482	972	1066	887	1558	1626	1781
April	33153	33822	15732	36209	24336	26145	903	1117	550	1555	1474	1565
May	35578	36735	18489	36769	24130	28,564	1005	1015	687	1464	1542	1609
June	38320	36931	22239	35573	26036	27521	893	918	997	1370	1638	1629
July	36564	37265	22975	27155	24640	27290	840	956	1065	1305	1476	1536
August	42211	38455	22020	27824	26857	31323	995	1041	1191	1233	1740	1978
September	35060	35590	21712	27014	27278	27870	895	1076	1231	1286	1553	1511
October	39504	37727	24501	28779	27419	29829	1147	1175	1024	1304	1550	1728
November	33695	32930	22073	25692	25003	27854	972	1132	959	1424	1731	1594
December	30639	32848	19994	24882	24418	26707	781	1049	1044	1463	1651	1465
<b>Totals</b>	<b>416016</b>	<b>425346</b>	<b>279229</b>	<b>349,993</b>	<b>287,952</b>	<b>333,437</b>	<b>11076</b>	<b>12560</b>	<b>12106</b>	<b>16091</b>	<b>18630</b>	<b>19732</b>

	SALISBURY TRANSIT SYSTEM						SALISBURY ADA PARATRANSIT					
	2018	2019	2020	2021	2022	2023	2018	2019	2020	2021	2022	2023
January	10192	11588	10836	4631				669	662	605		
February	11786	10819	10426	4495				664	587	553		
March	11945	10813	8444	5069				621	641	711		
April	12075	11383	4344	5058				629	442	737		
May	12139	15528	4230	4698				754	505	673		
June	11581	10983	5406	5225				698	618	762		
July	11581	12228	5987	6240			706	855	605	680		
August	13855	13186	5505	6527			739	854	495	682		
September	11689	11472	5350	6081			532	827	529	659		
October	13304	12645	5758	6087			695	801	590	639		
November	10889	12742	4384	5667			582	644	545	613		
December	9170		5416	7190			492		718	703		
<b>Totals</b>	<b>140206</b>	<b>133387</b>	<b>76086</b>	<b>66968</b>			<b>3746</b>	<b>8016</b>	<b>6937</b>	<b>8017</b>		

Data Provided by Transit Systems is Current as of  
1/16//2024  
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# Elected Officials Guide to Transportation

## NCDOT's Guide to Transportation Decision Making in Your Community



Connecting people, products and places safely and efficiently with customer focus, accountability and environmental sensitivity to enhance the economy and vitality of North Carolina



Transportation plays a fundamental role in communities across North Carolina. North Carolina's transportation system carries people and goods across the state to their destinations. The multimodal transportation infrastructure in North Carolina helps travelers, the economy, and the overall well-being of the state by providing a comprehensive statewide transportation system that includes all forms of travel. From highways, airports, trains, ferries, public transportation or pedestrian/bicycle facilities, the comprehensive, multimodal system allows North Carolina's citizens to connect to:



No matter where in North Carolina you live or what mode of transportation you use, YOU are able to help define your community's transportation priorities and share your ideas about what best serves your community.

**Transportation agencies are required to provide public involvement opportunities. But, you don't have to wait for them to take the first step. In this toolkit, as an elected official, find out about NCDOT's transportation decision-making process and ways that you can influence transportation decisions at each step of the process.**

*Multi-modal transportation refers to a system in which users have the ability to use more than one way of traveling, such as by car, bus, bike, ferry, walking, train or plane.*

## This guide will help you:

- ✓ Understand how transportation is planned, funded, designed, built and maintained
- ✓ Understand your role in improving transportation in your community
- ✓ Understand the public's role in improving transportation in your community
- ✓ Recognize your NCDOT partners
- ✓ Learn who to contact and where

# PART 1

## How an Idea Becomes a Transportation Project

### WHAT'S IN THIS SECTION?

- The process of making transportation decisions
- Why it's important to get involved early
- The key aspects of each phase

## NCDOT Project Process | Seven Phases

Division Engineers are an important part of this process. These regionally based NCDOT professionals develop and implement transportation projects. You can find out who your Division Engineer is by visiting this website [www.ncdot.gov/divisions/highways/Pages/divisions.aspx](http://www.ncdot.gov/divisions/highways/Pages/divisions.aspx)

The process of prioritizing transportation projects is called Strategic Transportation Prioritization (also referred as SPOT). This process is done every 2 years.

Elected officials have a major role in determining what gets funded. To learn more about the funding process visit: [www.ncdot.gov/initiatives-policies/Transportation/stip/Pages/strategic-prioritization.aspx](http://www.ncdot.gov/initiatives-policies/Transportation/stip/Pages/strategic-prioritization.aspx)

### PHASE 1: PLANNING: How decisions are made about which project will be built in the future

NCDOT works with federal, state, regional and local agencies to develop a long-range transportation plan that looks at the multimodal transportation needs and priorities of a community over 20-30 years. Project proposals to meet the identified needs are first developed in these plans. The proposals are checked to ensure they meet the transportation needs and community vision that includes consideration of the natural and human environment. Public meetings and surveys are common methods for public input during this phase.

### PHASE 2: PROGRAMMING: How transportation projects are prioritized

The identified transportation needs are then evaluated to help prioritize funding and construction. The prioritization process scores and ranks all the transportation projects based on criteria such as safety and congestion.

During this process, some projects discussed during the planning process may be programmed for development and design because they were ranked high enough. Projects not ranked high enough can be resubmitted in the next prioritization cycle.

### PHASE 3: PROJECT DEVELOPMENT: How potential alternatives are studied and chosen

After a project is funded, the project undergoes environmental studies to look at the community and environmental resources in the proposed project areas and examine any potential impacts. The design and traffic engineering studies are also prepared in this phase to analyze proposed alternatives. The alternatives are studied to see if they safely, efficiently and economically meet the transportation needs in the project area while causing minimal impact to community resources such as homes, churches, historical sites and wetlands.

NCDOT will inform the public about the proposed project and uses feedback from the public, and public agencies, to determine where and how proposed projects should be built.

### PHASE 4: DESIGN: How ideas are turned into transportation projects

NCDOT determines how a project will be built using information gathered from previous phases. During the final design phase, detailed plans for the project are prepared.

### PHASE 5: PROPERTY ACQUISITION: How NCDOT purchases land needed for projects

During the project development and design phases, NCDOT works to minimize the number of homes and businesses impacted by a project, but in many cases NCDOT must acquire a necessary amount of private property to build the project. The Right Of Way Unit is tasked with securing this private property. You can learn more about the right-of-way acquisition process here:

[connect.ncdot.gov/business/ROW/Pages/ROW-Support.aspx](http://connect.ncdot.gov/business/ROW/Pages/ROW-Support.aspx)

### PHASE 6: CONSTRUCTION: How transportation projects are built

Once the final design is complete and any necessary right-of-way is acquired, NCDOT goes through the process of hiring a private contractor to build the project.

### PHASE 7: MAINTENANCE: How NCDOT maintains projects once they are built

After a project is built, NCDOT continues to maintain the project, helping to prolong the life of the project. For roadway projects, you can help report on issues here:

[www.ncdot.gov/contact/Pages/default.aspx](http://www.ncdot.gov/contact/Pages/default.aspx)

To find out more about the NCDOT process click here:

[www.ncdot.gov/initiatives-policies/Transportation/how-road-gets-built/Pages/planning.aspx](http://www.ncdot.gov/initiatives-policies/Transportation/how-road-gets-built/Pages/planning.aspx)

### DESIGN BUILD CONSTRUCTION

Design-build is an alternative process used to help complete projects faster and save taxpayer money through innovative approaches to design and construction. The design-build method allows the design, environmental permitting, right-of-way acquisition, utility relocation and construction to take place under one contract, reducing overall construction time, helping NCDOT avoid cost inflation, lessening environmental impact and alleviating driving delays for motorists.

# PART 2

## How Decisions Are Made

### WHAT'S IN THIS SECTION?

- Common transportation decisions and how they are made
- The agencies involved in the transportation planning process and what they do
- Types of transportation plans
- What is environmental justice and why it is important

## Agencies Involved in the Transportation Planning Process

NCDOT is the state agency responsible for most transportation infrastructure in North Carolina. NCDOT has modal divisions dedicated to multiple ways of travel including:



Part of the Integrated Mobility Division

### Regional Transit Agencies

NC is unique in that all 100 counties are served by some form of transit. Transit agencies have their own projects and planning processes that provide opportunities for public input. Find your local transit provider here: <https://www.ncdot.gov/divisions/integrated-mobility/public-transit-services/Pages/local-transit-search.aspx>.

## Regional Agencies



### PUBLIC TRANSPORTATION

Transportation by bus, rail (commuter or light), ferry or other transport, either publicly or privately owned, which is provided to the public or specialty service, on a regular and continuing basis.

## N.C. BOARD OF TRANSPORTATION

The North Carolina Board of Transportation is composed of 20 people from across the state. Each member represents a specific transportation division or is an at-large, state-wide member. All members work with the Secretary of Transportation and team to make decisions about transportation priorities. Learn more about the NCBOT here: [www.ncdot.gov/about-us/board-offices/boards/board-transportation/Pages/default.aspx](http://www.ncdot.gov/about-us/board-offices/boards/board-transportation/Pages/default.aspx)

### Local Governments

Local agencies are an important part of the transportation process. Municipalities and transit agencies often develop their own plans and fund projects, for which your input is also needed. These projects can range from roadway improvements on local streets to bicycle and pedestrian infrastructure or proposed transit improvements. If you notice an issue or problem, reach out to your local planner or engineer to discuss your concern with them. You can also visit your local municipality's or transit agency's website to find out how you can get involved.

### Metropolitan Planning Organizations (MPOs)

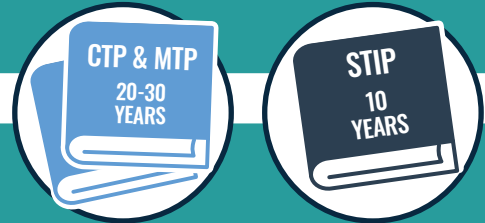
In North Carolina, there are 19 Metropolitan Planning Organizations (MPOs). MPOs represent urban areas of 50,000 or more residents and are organizations that make transportation plans and policies at the regional level. They must have a continuing, cooperative and comprehensive ("3C") transportation planning process. MPOs have the responsibility for making decisions about federal transportation funding. MPOs provide the following services:

- Develop long-range plans, called Metropolitan Transportation Plans (MTP) and Comprehensive Transportation Plans (CTP)
- Conduct their own studies about transportation needs
- Develop and prioritize projects the region believes should be included in the State Transportation Improvement Program (STIP)
- Rely on public input to help guide transportation decisions in and around your community

To find the MPO in your area click here: [www.ncampo.org/mpos/](http://www.ncampo.org/mpos/)

## COMPREHENSIVE TRANSPORTATION PLANS (CTP) & METROPOLITAN TRANSPORTATION PLANS (MTP)

Both CTPs and MTPs are long-range transportation plans that incorporate all modes of transportation, including transit, bicycle, pedestrian, rail, aviation, ports and ferries. These plans have a 20-year minimum planning horizon, but may forecast out 25 to 30 years in the future. CTPs are developed for MPOs and Rural Planning Organizations (RPOs). They are needs-based plans that identify future project proposals needed to meet identified needs in the planning time frame. MTPs are only required for MPOs. They must be updated every four to five years and are fiscally-constrained, meaning only projects that can reasonably be expected to be funded within the planning period are included.



## STATE TRANSPORTATION IMPROVEMENT PROGRAM (STIP)

The N.C. Department of Transportation’s transportation plan – called the State Transportation Improvement Program (STIP) – identifies the construction funding and schedule for projects over a 10-year period. The STIP is updated every two years. The data-driven process to update the STIP is called Strategic Prioritization. During this process, NCDOT divisions and local planning organizations start gathering public feedback on projects, which are submitted for evaluation and scoring. Projects are evaluated based on their merit through an analysis of the existing and future conditions, the benefits the project is expected to provide, the project’s multi-modal characteristics and how the project fits in with local priorities. An interactive map showing all the projects including the current STIP can be found here: <https://connect.ncdot.gov/projects/planning/pages/state-transportation-improvement-program.aspx>

### Rural Planning Organizations (RPOs)

In North Carolina, 18 RPOs serve the counties not represented by the MPOs. Like MPOs, RPOs help to guide the transportation planning process and provide opportunities for public participation. RPOs provide the following services:

- Coordinate, assist and develop local and regional plans including Comprehensive Transportation Plans, and bicycle, pedestrian and greenway plans
- Provide a forum for public participation in the transportation planning and implementation process
- Develop and prioritize projects the organization believes should be included in the State Transportation Improvement Program (STIP)
- Provide transportation related information to local governments and the public

To find the RPO in your area click here: [www.ncarpo.org/about-us.html](http://www.ncarpo.org/about-us.html).

## TRANSPORTATION ADVISORY COMMITTEE (TAC) AND TECHNICAL COORDINATING COMMITTEE (TCC)

The TCC consists of staff members from local government members, agencies and NCDOT. The TCC provides guidance and recommendations to the TAC, or also referred to as the Executive Committee. This committee consists of local elected officials and a North Carolina Board of Transportation member. It establishes the goals, priorities and objectives of the MPO/RPO, reviews and recommends changes to comprehensive transportation plans within its boundaries, reviews and approves an annual plan of work, and reviews and prioritizes transportation improvement projects for submission to NCDOT.

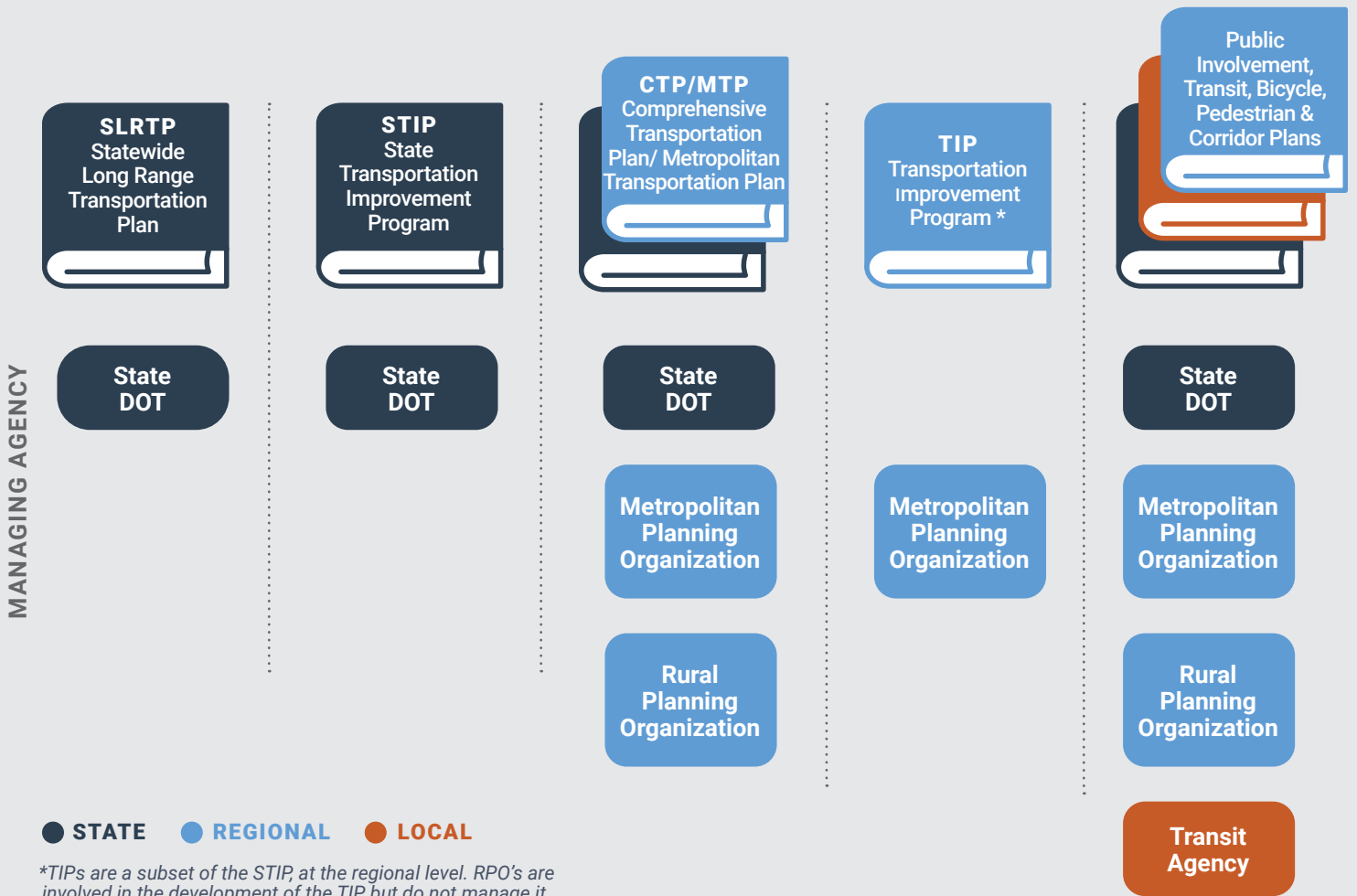
# Types of Transportation Plans

Getting involved at the local, regional and state level can give you the opportunity to provide feedback at different steps of the processes, plans and projects, hear the feedback of people in your community to help guide the development of

the plans, and help educate the residents about transportation issues. The chart below gives an overview of different types of transportation plans and which agency (local, regional, or state) is involved.

## Which Agencies Manage Which Plans

### TYPE OF TRANSPORTATION PLAN





# Equity and Civil Rights in the Transportation Planning Process

NCDOT is committed to ensuring everyone can participate in the transportation project process. The Office of Civil Rights promotes and ensures equal access and equal opportunity for customers and employees participating in North Carolina transportation programs that receive federal and/or state funding.

Civil rights laws and policies ensure that decision-makers—including those in transportation—consider the needs of all, including groups that have historically been underrepresented and underserved by past and current transportation programs, facilities or services. This includes racial and ethnic communities, low-income communities and people with disabilities. In your role, you can help to educate, advocate for and identify communities or individuals to ensure their needs are met.

- **Title VI / Nondiscrimination** is part of the Civil Rights Act of 1964 which prohibits discrimination on the basis of race, color and national origin. This applies to any project that receives federal funding; however, it is a NCDOT best practice to use this on all projects.

- **Environmental Justice (EJ)** is an executive order (No. 12898) rooted in Title VI that directs agencies to identify and address disproportionately high and adverse environmental and health impacts on low-income populations, and racial and ethnic communities.
- **Americans with Disabilities Act (ADA)** prohibits discrimination against people with disabilities and ensures equal opportunity and access for this community. Accessible transportation systems further the goal of independence for people with disabilities.
- **Limited English Proficiency (LEP)** is an Executive Order (No. 13116) that prohibits discrimination based on national origin by ensuring that individuals who do not speak English as their primary language may receive language assistance in order to have meaningful access to government programs and activities.

For more information about these policies, visit [www.ncdot.gov/initiatives-policies/access-for-all/nondiscrimination-program/Pages/default.aspx](http://www.ncdot.gov/initiatives-policies/access-for-all/nondiscrimination-program/Pages/default.aspx)

## How do ADA, Title VI and EJ help you get involved?

### Americans with Disabilities Act

### Title VI

### Limited English Proficiency

### Environmental Justice

#### WHAT ARE AGENCIES REQUIRED TO PROVIDE?

- Accessible buildings, buses, trains, sidewalks and more
- When agencies provide transportation options, they must be accessible for persons with disabilities
- Equity during participation

- Title VI plan to outline the agency's requirements, roles, method of administration and analysis
- Notice to the public of upcoming projects and methods to participate

- LEP Plan outlining reasonable steps to serve and communicate effectively with LEP populations
- Notice to the Public
- Translations of materials and interpreters at public meetings

- Meaningful public participation

#### WHERE CAN YOU GET INVOLVED?

- Through state or local disability councils
- By filing a complaint with a local, state or federal agency if something is not accessible
- Contact the agency

- At public meetings/ events when governmental organizations do transportation planning
- At public meetings throughout the NEPA process for a project
- By filing a complaint with a local, state or federal agency if you feel that a project discriminates
- Contact the agency

- At public meetings for projects affecting your community
- Contact the agency

- At public meetings for projects affecting your community
- Contact the agency



# PART 3 Help Shape Your Community as a Transportation Leader/Ambassador

## WHAT'S IN THIS SECTION?

- How you can be an effective transportation ambassador in and for your community
- Important links and contact information

You can get involved at many points in the transportation planning process — and getting involved early and often is best. Some routine and emergency repair projects can move quickly, while other complicated projects may need significant planning and phased funding. Recognize that your involvement may need to take place over months or even years it can take to proceed from a plan to a project.

- Identify and get to know your MPO/RPO and NCDOT representations.
- Review all proposed projects and plans in your area and through your governing body, submit comments.
- Find out where public meetings are announced and held in your community, and to sign up for information updates and opportunities for involvement.
  - Visit: [www.ncdot.gov/news/public-meetings/Pages/default.aspx](http://www.ncdot.gov/news/public-meetings/Pages/default.aspx).
- Familiarize yourself with the policies and programs of NCDOT's Office of Civil Rights, who help ensure equal access to transportation programs.
  - Visit: [www.ncdot.gov/about-us/board-offices/offices/civil-rights/Pages/default.aspx](http://www.ncdot.gov/about-us/board-offices/offices/civil-rights/Pages/default.aspx).

- Follow news about transportation issues and stay informed. Follow NCDOT and your local transportation agencies' social media pages for updates and sign up to receive newsletters or emails.
- If you notice a safety problem, notify the responsible agency right away. This agency might be your local government, transit agency or NCDOT. NCDOT allows you to report issues, like potholes or malfunctioning traffic lights, on their website: [www.ncdot.gov/contact/Pages/default.aspx](http://www.ncdot.gov/contact/Pages/default.aspx).
- Volunteer to be on an advisory group, commission or committee that details with transportation issues.
- Be ambassadors in your community. Share the Residents Guide and encourage public engagement in transportation projects.
- Communicate with your internal staff AND externally to the public to share information.
- To help your constituents, remind them before purchasing real estate to check with their local planning and zoning office to learn about future transportation projects planned in their area.

## How Can I be Involved as a Project is Getting Implemented?

Often there are tradeoffs when a new project is being implemented, so it is important for you to be able to talk about the **impacts** and **benefits** of the project. Here are some ways to help best understand those potential tradeoffs and how to communicate them.

When the process does not yield the result you want:

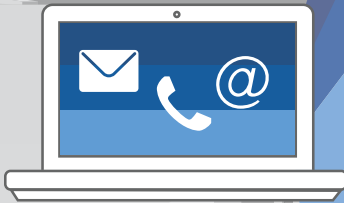
- Attend public meetings and talk with NCDOT staff to understand the potential impacts and schedule of projects. Help communicate the potential impacts and schedule to your constituents as the project moves along.
  - It is also important to understand what transportation projects might be upcoming in the next decade and how those projects interact with developments that your governing body/agency may approve.

- Review NCDOT's "Complete Streets" policy that considers and incorporates several modes of transportation when building new projects or making improvements to existing infrastructure. Familiarize yourself with the policy and any local match requirements for bicycle and pedestrian infrastructure here: <https://www.completestreetsnc.org/>
- Continue to communicate with NCDOT staff as the project moves along and provide updates to the public.

# Important Links / Contact Information

You can find out about NCDOT's current long range studies here:  
[www.ncdot.gov/projects/Pages/long-range-studies.aspx](http://www.ncdot.gov/projects/Pages/long-range-studies.aspx)

You can find out about upcoming NCDOT public meetings here:  
[www.ncdot.gov/news/public-meetings/Pages/default.aspx](http://www.ncdot.gov/news/public-meetings/Pages/default.aspx)



Find your local MPO here . . . . . [www.ncampo.org/mpos/](http://www.ncampo.org/mpos/)

Find your local RPO here. . . . . [www.ncarpo.org/about-us.html](http://www.ncarpo.org/about-us.html)

USDOT Departmental Office for Civil Rights . . . . .  
[www.transportation.gov/civil-rights](http://www.transportation.gov/civil-rights)

[www.ncdot.gov/about-us/board-offices/offices/civil-rights](http://www.ncdot.gov/about-us/board-offices/offices/civil-rights)

Phone: 202-366-4648

Federal Aviation Administration (FAA) . . . . . [www.faa.gov/](http://www.faa.gov/)

Phone: 866-835-5322

Federal Railroad Administration (FRA) . . . . . [railroads.dot.gov](http://railroads.dot.gov)

Phone: 202-366-4000

Federal Transit Administration (FTA) . . . . . [www.transit.dot.gov/](http://www.transit.dot.gov/)

Phone: 202-366-4043

Federal Highway Administration (FHWA) NC Division Office . Phone:

919-856-4346

For more information contact:

**Environmental Analysis Unit**  
919-707-6000  
1598 Mail Service Center  
Raleigh, NC 27699-1598





# Metropolitan Transportation Planning: Executive Seminar



**FHWA/FTA Transportation  
Planning Capacity Building  
Program**



# Purpose of this presentation

*To provide MPO board members with an overview of the federal perspective on:*

- The purpose and process of metropolitan transportation planning, and the larger context for it
- The authority and responsibilities of a Metropolitan Planning Organization (MPO)
- The role of the MPO Board - TAC



# What is transportation planning?

## **Transportation planning is**

a continuous process that requires monitoring of the system's performance and condition

## **Transportation planning provides**

the information, tools, and public involvement needed for improving transportation system performance



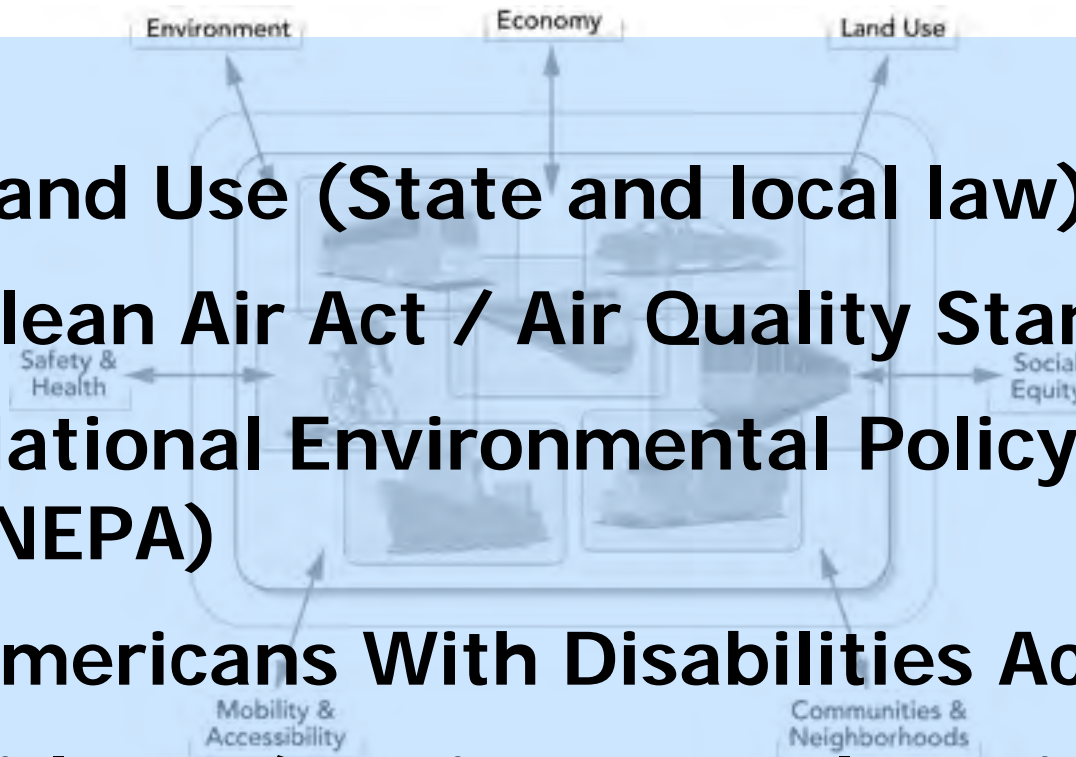
# What decisions are influenced by transportation planning?

- Policies
- Choices among alternative strategies
- Priorities
- Funding allocations



# Transportation planning is about more than transportation

- Land Use (State and local law)
- Clean Air Act / Air Quality Standards
- National Environmental Policy Act (NEPA)
- Americans With Disabilities Act (ADA)
- Title VI / Environmental Justice



## The MPO is.....

- Federally designated agency for transportation planning in Cabarrus and Rowan Counties
- Local elected officials serve on the policy board (TAC) – "*Regional Vision*"
- The region's policy making organization responsible for prioritizing transportation programs and projects



# The MPO Board - TAC

- Takes approval actions
- Sets regional long-term transportation policy and approves plans
- Prioritizes and programs specific transportation initiatives for funding



# In making decisions, the TAC should consider...

- Public comments and community values
- Long-term vision for the region
- Effect on system operations
- Impacts on the environment and the economy
- Comparison with alternative options
- Cost effectiveness and short- and long-term availability of funding
- Federal, State, and local regulations and plans
- Whether **more information** is needed





# Basic requirements

- **Reflect**
  - The “3C” planning process
  - The ten FAST planning factors
- **Develop**
  - A Unified Planning Work Program (UPWP) or simplified statement of work
  - Public involvement process/plan (PIP)
  - Financial Plan or Revenue Picture
- **Produce and maintain**
  - Metropolitan Transportation Plan
  - Transportation Improvement Program (TIP)



# MPO planning and programming

## Planning:

- Developing a vision
- Creating policies and strategies to support the vision
- Long-term – 30+ years

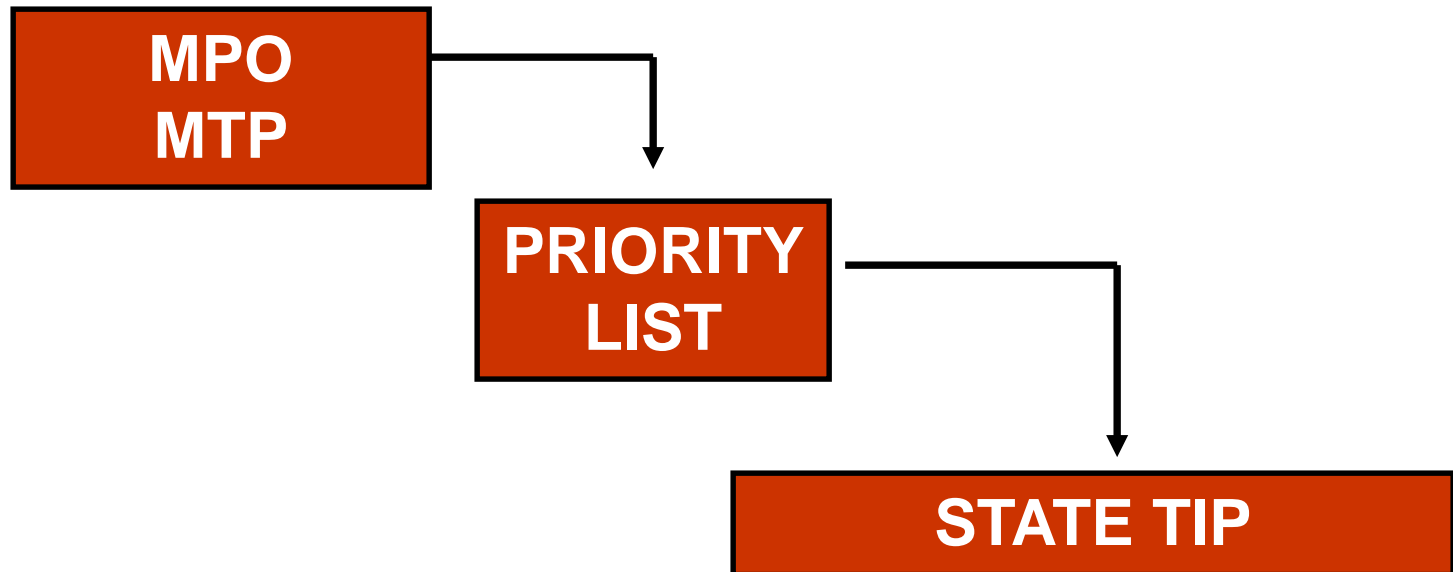
## Programming:

- Prioritizing proposed initiatives
- Matching initiatives with available funds
- Short-term – 7 years or less

**The public must be involved in both**



# The MPO programming process



# Who provides funding for MPO transportation initiatives?

- Federal government (FHWA, FTA)
- State government
- Local governments
- Transportation agencies
- Public-private partnerships



# About Federal funding

- Many types, including:
  - Special programs (e.g., Congestion Mitigation and Air Quality [CMAQ])
  - Formula-based funding
  - Transit
- Most come through the State DOT
- Nearly all Federal funding programs require matching funds from State or local sources



# The Metropolitan Transportation Plan

- Describes vision for the region, and policies, operational strategies, and projects to achieve it
- Covers at least the next 20 years
- Leads to an intermodal system
- Reflects public involvement
- Contains a financial plan and is fiscally constrained
- Is updated every 4 years





# What does air quality have to do with projects?

- Transportation initiatives and TIPs must conform with the State's plan for achieving **air quality** standards (the **SIP**)
- During a conformity lapse, some types of Federal-aid funding cannot be used



# SUMMARY

- CRMPO is lead agency for 2 county area
- MPO is year round “regional” process
- All local governments work together to plan for transportation in our area
- Citizen Involvement and Participation
- Support the Metropolitan Plan and future corridors by planning for them





## List of Transportation/ Planning Acronyms

Acronym	Full Term	Description
AASHTO	American Association of State Highway and Transportation Officials	AASHTO develops guidelines and standards for roadway design, including bicycle and pedestrian facilities ( <a href="http://www.aashto.org">http://www.aashto.org</a> )
ADA	Americans with Disabilities Act	Federal law requiring construction that is publicly funded or open to the public to be accessible
ADT	Average Daily Traffic	Averaged count of traffic volume on a particular road or section of road
CBDG	Community Development Block Grant	Funding awarded to a municipality for improvements in low-income neighborhoods – can go for a range of facilities, including bicycle and pedestrian
CIP	Capital Improvement Program	A government’s 5-year budget plan for expenditures for capital projects (i.e., major projects other than recurring operations costs)
CMAQ	Congestion Mitigation and Air Quality	A section of ISTEA and TEA-21 which funds projects to improve air quality in non-attainment areas (Charlotte is one) – bike and ped projects eligible
DBPT	Division of Bicycle and Pedestrian Transportation (NCDOT)	The DBPT manages bicycle and pedestrian projects for the state, advises municipalities, creates state bicycle and pedestrian guidelines, and offers education and mapping materials
EIS	Environmental Impact Statement	Analysis prior to development of potential impact of a project – required of major projects such as roads
FHWA	Federal Highway Administration	An agency of the USDOT – actively involved in promoting safe facilities and education programs, including bike and ped
FTA	Federal Transit Administration	Federal agency which provides funding for planning, development, and improvement of public mass transportation systems
GIS	Geographic Information System	Database and mapping software such as ArcInfo, ArcView, or TRANSCAD.
ISTEA	Intermodal Surface Transportation Efficiency Act	Groundbreaking federal legislation that authorized a percentage of transportation money to go to alternative transportation – since reauthorized as TEA-21 – now being considered for reauthorization as TEA-3

LAB	League of American Bicyclists	National advocacy group located in Washington, DC
LOS	Level of Service	A measure of the facility of traffic flow – LOS standards are just being developed for bicycle and pedestrian traffic
MPO	Metropolitan Planning Organization	The Cabarrus-Rowan MPO (CR MPO) is one of 19 MPO's in NC – an MPO makes recommendations to NCDOT for transportation improvements in its region (Charlotte is in CRTPO, formerly Mecklenburg-Union Urban Area MPO)
MUTCD	Manual of Uniform Traffic Control Devices	The holy writ for traffic signals, signs, and pavement markings – used by all transportation departments
NCDOT	North Carolina Department of Transportation	The central office for NCDOT is in Raleigh – there are also 14 divisions in the state, each with its own office and local engineer. Cabarrus is in Division 10 and Rowan is in Division 9.
NEPA	National Environmental Policy Act	1969 federal law requiring any project with federal funding or approval must examine impacts on environment, and consider alternatives, before a decision is made
NHTSA	National Highway Traffic Safety Administration	Agency responsible for safety awareness and education programs – publishes materials for use with all ages and groups
SOV	Single Occupancy Vehicle	One car, one person (as opposed to HOV, High Occupancy Vehicle)
STBGP-DA	Surface Transportation Block Group Program – Direct Attributable	An MPO's funding from ISTEA, TEA-21, and FAST Act for small local enhancement projects or planning assistance.
STPP	Surface Transportation Policy Project	Research and Advocacy resource on transportation issues ( <a href="http://www.transact.org">http://www.transact.org</a> )
TAC	Transportation Advisory Committee	The TAC is the governing board of the MPO – it consists of elected officials from the local governments in the MPO area plus the area's member of the BOT (Board of Transportation)
TCC	Transportation Coordinating Committee	The TCC is the technical advisory committee to the TAC – it consists of staff from transportation, planning, and local transit agencies
TDM	Traffic Demand	A toolbox of techniques for reducing traffic

	Management	congestion, from carpooling to HOV lanes to telecommuting
TIP	Transportation Improvement Program	The TIP is a statewide list of new roads and road improvement needs which is updated bi-annually by the NCDOT, based on recommendations from the MPO's – the TIP is revised every two years, but contains items budgeted for ten years out – bicycle and pedestrian facilities may be “incidental” or “independent” projects within the TIP – you may also see references to the STIP (State TIP) as opposed to the MTIP (MPO TIP)