

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

Wednesday January 29, 2025

5:30 pm

Dinner provided by  
Town of Granite Quarry

**PUBLIC WIFI PASSWORD I-Love-Kannapolis!**

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

## Agenda

**1) Call to Order TAC Chairman Smith**

- Pledge of Allegiance
- Moment of silence in remembrance of Mayor Karen Alexander
- 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) FY 2024-25 UPWP Amendment #1 Phil Conrad**

**INFORMATION:** The MPO currently has some special study funds that have not been assigned. MPO staff is requesting \$48,000 in special study funds for technical assistance for the 2055 MTP/CTP Update as was presented in the fall of 2024. The local match (\$12,000) has already been budgeted in FY 2024-25. The resolution to amend the UPWP and reallocate funds to the line item for "Special Studies" (II-B-3) by \$48,000 is included as attachment 2.

**ACTION/RECOMMENDATION:** 1) Receive a report on the Amendment #1 to the FY 2024-25 UPWP; 2) Consider adopting amendment #1 to the 2024-25 UPWP.

**THIS CONCLUDES THE CONSENT AGENDA**

**3) Approval of November 20, 2024 minutes TAC Chairman Smith**

**4) 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 Rowan County for 2025.

**ACTION / RECOMMENDATION:** 1) Receive a report on the TAC Vice-Chair vacancy; and 2) Nominate and elect a TAC Vice-Chair for 2025.

**5) 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 5.

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

**6) FY 2024-2033 MTIP Modification #8 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: R-5753, BO-2024, HN-0037, HO-0024, M-0531DIV, M-0531REG, M-0531SW, TA-6665, TC-0008, TC-0010, TC-0018, TC-0021, TM-0023, TM-0027, TM-0028, TM-0029, TM-0031, TM-0032, TO-0004, TQ-6954, and TU-0011. The second project modification is the delay of construction to FY 26 for the sidewalk project in Granite Quarry (BL-0088). The third project modification is to delay construction to FY 25 for the Brenner Avenue intersection project (C-5603H). The

fourth project modification is to modify funding in FY 25 for the Little Texas Road sidewalk (EB-5844). The fifth project is to remove the Jake Alexander Boulevard sidewalk project (BL-0034). The sixth project is to add the George Liles Pkwy interchange lighting project (HL-0157). The seventh project is to delay preliminary engineering to FY 25 for the Concord Signal System Upgrade (HL-0123). The eighth project is to delay construction to FY 26 for the Salisbury Train Station and pedestrian underpass (P-5726A). The ninth project is delay right-of-way to FY 25 Salisbury Train Station waiting space expansion (P-5733). The tenth and final project is to reflect the cost increase by \$2 million and the 25 percent threshold for the NC 73 widening west of the county line (R-5706A). Attachment 6 is a resolution modifying the MTIP for these projects. The new STIP was effective October 1, 2023.

**ACTION/RECOMMENDATION:** 1) Receive a report on modification #8 to the FY 2024-2033 MTIP; 2) Discuss; and 3) Consider endorsing modification #8 to the FY 2024-2033 MTIP.

**7) 2055 MTP DRAFT Projects List Phil Conrad**

**INFORMATION:** Since the anticipated release of the 2026-2035 TIP, MPO staff began working on a draft revenue forecast for the 2055 Transportation Plan. This forecast is based on the tier system included in the Strategic Mobility Formula, and statewide forecast methodology developed by NCDOT for regional and division tier allocations. These forecasts are applied to the projects listed in the 2050 Plan and most recent MPO SPOT/Priority List. The Draft 2055 Projects List is included as attachment 7. In addition, the MPO is requested to confirm recommendations from the last Cabarrus County Public Transportation Master Plan, pending endorsement of the Transit Commission.

**ACTION / RECOMMENDATION:** 1) Receive a report on the 2055 MTP Projects List and financial assumptions; 2) Discuss; and 3) Consider releasing the 2055 Projects List and financial assumptions for public involvement.

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

- Rail Corridor ID Program – NCDOT Rail
- Local Reports – NCDOT Division 9 & 10
- 2020 Census Smoothed Planning Boundary – TPD
- RAISE Grant Letter of Support – Division 10
- RAISE Grant Letter of Support – Town of East Spencer
- Intercity Passenger Rail Grant Program Letter of Support – Town of Harrisburg
- FY 25 Draft UPWP
- Bike and Ped Demonstration Planning Studies
- Special Study Update – Town of China Grove

**9) Information Items**

**Phil Conrad**

- Rider and Salisbury Transit Ridership
- TPD Newsletter
- FHWA Updates
- NCDOT's Guide to Transportation Decision Making
- NC MPO Conference – April 15-17

**Next meeting: February 26, 2025**

- 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.

**RESOLUTION**

**TO APPROVE AMENDMENT #1 OF THE FY 2024-2025 UNIFIED PLANNING WORK PROGRAM OF THE CABARRUS-ROWAN URBAN AREA**

**January 22, 2025**

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,** A comprehensive and continuing transportation planning program must be carried out cooperatively in order to ensure that funds for transportation planning projects are effectively allocated to the Cabarrus-Rowan MPO and its member governments and the North Carolina Department of Transportation; and

**WHEREAS,** The Cabarrus-Rowan MPO requests an amendment to the 2024-2025 UPWP to obligate \$48,000 of the MPO’s Section 104(f) planning funds for FY 2024-2025 for the 2055 MTP Update and Technical Assistance; and

**WHEREAS,** Members of the Transportation Advisory Committee agree that the Unified Planning Work Program changes effectively advance the transportation planning for 2024-2025.

**Now, therefore, be it resolved that the Transportation Advisory Committee hereby endorses Amendment #1 of the Cabarrus-Rowan Urban Area Unified Planning Work Program for the FY 2024-2025.**

I, Ron Smith, Transportation Advisory Committee Chair, 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 Urban Area Transportation Advisory Committee, duly held on the 22<sup>nd</sup> day of January, 2025.

\_\_\_\_\_  
Signature of TAC Chair  
Cabarrus-Rowan Metropolitan Planning Organization

Subscribed and sworn to me this 22<sup>nd</sup> day of January, 2025.

(Notary seal)

\_\_\_\_\_  
Notary Public

**FY 2024-25 UPWP Budget Amendment #1 – Section 104**

**Current UPWP Budget**

III-D-1 Statewide and Extra Regional Planning \$99,943

III-E Management Operations \$100,824

**Amended UPWP Budget**

II-B-3 Special Studies \$48,000

III-D-1 Statewide and Extra Regional Planning \$75,943

III-E Management Operations \$76,824

2055 MTP Update and Technical Assistance \$48,000



# MINUTES

## TRANSPORTATION ADVISORY COMMITTEE

Wednesday, November 20, 2024

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

### Members

JC McKenzie	City of Concord
Mike Tallent	Town of Midland
Wayne Starnes	Town of China Grove
Steve Miller	Town of Spencer
Jim Greene	Rowan County
Brittany Barnhardt	Town of Granite Quarry
Dillon Brewer	Town of Rockwell
Ryan Dayvault	City of Kannapolis
Deloris High	Town of East Spencer
Ron Smith	Town of Harrisburg
Justin Simpson	Town of Mt. Pleasant
Meredith Bare Smith	Town of Landis
Tamara Sheffield	City of Salisbury

### Others

Phil Conrad	CRMPO Director
Brett Canipe	NCDOT Division 10
Pat Ivey	NCDOT Division 9
Connie Cunningham	CRMPO Staff
Phillip Craver	NCDOT Division 9
Karla Foster	Rowan Chamber
Wilmer Melton	City of Kannapolis
Sean Epperson	NCDOT Division 10
Albert Smith	Town of East Spencer
Loretta Barren	FHWA
Theo Ghitea	NCDOT Division 10
John Rhyne	NCDOT Division 9
Amna Cameron	NCDOT OSI
Kenneth Geathers	Former CRMPO TAC Member

### Call to Order

TAC Chairman Brittany Barnhardt called the November 20, 2024 meeting of the Cabarrus Rowan Metropolitan Planning Organization (CRMPO) to order after a meal/reception provided by the CRMPO staff. The reception was held in honor of Mr. Pat Ivey and Mrs. Loretta Barren who both are retiring at the end of 2024.

Chairman Barnhardt welcomed everyone and asked all present to stand and recite the Pledge of Allegiance to a flag displayed. TAC Chairman Barnhardt went on to call the roll of eligible voting TAC members and determined that a quorum had been met.

At that time, CRMPO Executive Director Phil Conrad read 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.

CRMPO TAC Chairman Barnhardt continued with the meeting and asked for any Chamber of Commerce updates. There was no staff from the Cabarrus Chamber present. Mrs. Karla Foster representing the Rowan Chamber reported to the TAC members that the Rowan Chamber is continuing to seek funding for infrastructure projects in the CR MPO area including their top priority interchange project in northern Rowan. TAC Chairman Barnhardt then asked if there were any speakers from the floor. With none being heard she moved on to the next order of business.

CRMPO Executive Director Phil Conrad addressed the members and thanked everyone who was able to attend the reception for Mr. Ivey and Mrs. Barren. Director Conrad asked the two honorees to come forward and he introduced each of them and provided a short bio on each of their respective careers. TAC Chairman Barnhardt presented each of the honorees with a standing plaque provided by CRMPO staff to honor their hard work with the CRMPO TCC and TAC over their many years of professional service. Each honoree thanked the members and attendees for honoring them. Both will be greatly missed by everyone associated with the CRMPO.

TAC Chairman Barnhardt asked if there were any adjustments to the meeting agenda including the Consent Agenda. With none heard, Mr. Dillon Brewer made a motion to approve the agenda including the Consent Agenda as presented. Mr. Wayne Starnes 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:

### **PERFORMANCE-BASED PLANNING: SAFETY TARGETS**

The 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 and is an annual requirement.

The request is for the CRMPO TAC to release the Safety Targets for public comment.

## **THIS CONCLUDES THE CONSENT AGENDA**

### **Approval of August 28, 2024 Minutes**

TAC Chairman Barnhardt called members' attention to the minutes from the August 28, 2024 TAC meeting included in their meeting packets. Chairman Barnhardt asked if there were any corrections or additions to the minutes. With no corrections or additions heard, Mr. J.C. McKenzie made the motion to approve the minutes as presented. Mr. Ryan Dayvault seconded the motion, and the TAC members followed with a unanimous vote to approve.

## **FY 2024-2033 MTIP Modification #7**

CRMPO Director Conrad reminded the TAC members that the CRMPO staff regularly brings amendments or modifications from recent NCDOT Board of Transportation agendas to the TCC/TAC for consideration. The first project modifications were statewide project additions: TO-0004, HB0099-A, HB-0099B, HB-0099C, C-5600VA, HB-9999A, HB-9999B, and HB9999C. The second project modification is to delay construction to FY 26 for the Concord sidewalks (BL-0087). The third project modification is to delay right-of-way to FY 25 for the US 601/Flowe Store Road intersection project (C-5603I). The fourth project is to add right-of-way and utilities in FY 25 for the Grants Creek Greenway project (EB-5619C). The fifth project is to remove the Jake Alexander Boulevard sidewalk project (BL-0034). The sixth project is to add construction in FY 28 for the Roberta Road roundabout, which is project number HN-0036. The seventh project is to change funding from federal to state for the Caldwell Road Extension project HL-0063. The eighth and final project R-5706A, is to reflect the cost increase by \$2 million and the 25 percent threshold for the NC73 widening west of the county line. After explaining the modifications, Director Conrad noted Attachment 4 which was a *Draft* resolution modifying the MTIP for these projects.

With no questions or comments heard, Mrs. Meredith Bare Smith made a motion to endorse modification #7 with the exception of projects BL-0034 and R-5706A to the FY 2024-2033 MTIP and to release projects BL-0034 and R-5706A for public comment. Mr. Ron Smith seconded that motion and the TAC members voted unanimously to approve.

## **STP Funding Request**

Mr. Theo Ghitea from NCDOT Division 10 addressed the TAC members and explained that NCDOT Division 10 is coming to them tonight to request funds for the installation of interchange lighting at the interchange of I-85 and George W Liles Pkwy. Mr. Ghitea explained the this is the only interchange on I-85 in Cabarrus County that does not currently have interchange lighting installed. Mr. Ghitea went on to state that NCDOT does not have a dedicated funding source for interchange lighting outside interstate widening or interchange improvement projects. However, Division 10 staff did evaluate the crashes at the intersection and while the majority of the crashes were occurring during the daylight hours, the State Traffic Engineer was willing to commit some safety funds toward the project. Mr. Ghitea went on to say that the cities of Kannapolis and Concord have agreed to support the project.

At that time, Director Conrad called TAC members' attention to Attachment 5A in their meeting packets which were resolutions of support from the cities of Concord and Kannapolis. Mr. Ghitea stated that the cities and Division 10 would request STP funds from the CRMPO for this project as the federal match. He explained that Division 10 staff anticipates the total cost of the project, which calls for the installation of four lights, being \$1 million, so the request is for \$800,000 federal match from the CRMPO's STP account. Director Conrad informed the TAC members that an accounting of available STP funds is included as Attachment 5B in their packets.

With little discussion and no questions, Mrs. Meredith Bare Smith made a motion to endorse the STP funding request as presented. Mr. Ryan Dayvault seconded the motion and the TAC members voted unanimously to approve.

## **RIDER Transit Program of Projects**

Director Phil Conrad reported to the TAC members that 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 2025. As in the past, he went on to say, RIDER Transit has elected to use the CRMPO's Public Involvement procedures to process this annual requirement. Phil reported that Attachment 6 is the final POP. He concluded by stating that a public comment period was held and that no comments were received.

With no questions or comments heard, Mrs. Meredith Bare Smith made a motion to endorse the RIDER Transit System's POP. Mr. Justin Simpson seconded that motion and the CRMPO TAC members voted unanimously to approve.

## **TIP Priority Project STI Regional and Division Tier Results**

Director Conrad reported to the TAC members that NCDOT has applied their methodology to rank transportation projects across North Carolina. NCDOT has indicated what the available funds for the next STIP are going to be. He then presented a power point presentation explaining all the processes. Phil went on to say that the quantitative scores were released for all the P7.0 projects this past spring. He explained that NCDOT will now incorporate the quantitative scores with the CRMPO designated points and the Division Engineer points to finalize the development of the FY 2026-2035 TIP.

Director Conrad then highlighted Attachment 7 in their packets which were the results for the top highway, aviation, rail and sidewalk/greenway projects in the CRMPO area. Phil reviewed the attachment with the members.

## **Reports/CRMPO Business**

1. Advance NC Transportation Website-Office of Strategic Initiatives – Director Conrad introduced Mrs. Amna Cameron with NCDOT SIPS who provided the TAC members with a power point presentation explaining the new website. She explained how transportation is funded, why will transportation revenues decline, why is it important to modernize and stabilize transportation revenues and gas tax revenues. She urged all members to go to the website and take the survey that is included in it.
2. Local Reports - NCDOT Division 9 & 10 – Mr. Pat Ivey, NCDOT Division 9 reported to the TAC members that Division 9 updates were included in their meeting packet. He highlighted some updates on projects in Division 9.  
  
Mr. Theo Ghitea, NCDOT Division 10 called members' attention to the updated format of their report. He then went on to highlight a spreadsheet of Division 10 project updates.
3. CMAQ Priority Submittal and Funding Awards – Director Conrad called members' attention to a letter in their packets from Mr. Mark Eatman with NCDOT who a Senior Statewide Initiatives Engineer with the Office of Strategic Initiatives & Program Support is. The letter was regarding two CMAQ projects that have been awarded funding in the CRMPO.

4. Special Study Update – Director Conrad reported that the public meetings are still ongoing for the China Grove Corridor Study.
5. FY 25 Special Studies (2055 MTP/CTP Update)– Director Conrad highlighted information in their meeting packets for the MTP/CTP Update.
6. Amendment #1 to the FY UPWP – Director Conrad noted that this amendment would be forthcoming in January.
7. FY25 Bike and Ped Demonstration Planning Studies - Director Conrad informed members that both the Town of Cleveland and Town of Rockwell studies are moving forward.

### **Informational Items**

- RIDER Transit and Salisbury Transit Ridership Information - Phil highlighted the ridership information included in the TAC packets.
- CRMPO Newsletter - Phil noted the quarterly newsletter in the TAC packets.

Next Meeting : January 22, 2025

### **Adjournment**

With no other business to bring before the TAC, Mrs. Meredith Bare Smith made a motion that the meeting be adjourned. Mr. Justin Simpson seconded the motion, and the meeting was adjourned.

**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, 2024, 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 19 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, 2024, 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 2025 Highway Safety Improvement Plan (HSIP), the goal is to reduce total fatalities by 30.40 percent each year from 1,585.2 (2019-2023 average) to 1,103.3 (2021-2025 average) by December 31, 2025.**
- **For the 2025 Highway Safety Improvement Plan (HSIP), the goal is to reduce the fatality rate by 31.63 percent from 1.353 (2019-2023 average) to 0.925 (2021-2025 average) by December 31, 2025.**
- **For the 2025 Highway Safety Improvement Plan (HSIP), the goal is to reduce total serious injuries by 38.80 percent from 5,236.8 (2019-2023 average) to 3,204.8 (2021-2025 average) by December 31, 2025.**
- **For the 2025 Highway Safety Improvement Plan (HSIP), the goal is to reduce the serious injury rate by 40.12 percent from 4.467 (2019-2023 average) to 2.675 (2021-2025 average) by December 31, 2025.**
- **For the 2025 Highway Safety Improvement Plan (HSIP), the goal is to reduce the total non-motorized fatalities and serious injuries by 39.01 percent from 712.6 (2019-2023 average) to 434.6 (2021-2025 average) by December 31, 2025.**

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


By: \_\_\_\_\_  
Ron Smith, TAC Chair

DATE: December 18, 2024

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 2025 Targets

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### **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 (2024) 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) 2022 safety targets, based on the 5-year averages for 2018-2022 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 2022*

Performance Measures	5-year Rolling Averages			Target Achieved?	(Actual) Better than Baseline?	Met or Made Significant Progress?
	Target	Actual	Baseline			
	2018 - 2022	2018 - 2022	2016 - 2020			
Fatalities (5 Year Average)	1,254.9	1,550.8	1,458.6	No	No	No
Fatality Rate (5 Year Average)	1.057	1.328	1.250	No	No	
Serious Injuries (5 Year Average)	3,537.6	5,030.0	4,410.2	No	No	
Serious Injury Rate (5 Year Average)	2.962	4.296	3.776	No	No	
Non-motorized Fatalities and Serious Injuries (5 Year Average)	486.0	661.6	583.4	No	No	

Table 2 below shows what this determination would look like if the state’s methodology for establishing the CY 2022 goal was applied to crash data specific to Cabarrus - Rowan MPO.

*Table 2: Cabarrus - Rowan MPO Safety Performance Target Achievement Determination Summary for CY 2022*

Performance Measures	5-year Rolling Averages			Target Achieved?	(Actual) Better than Baseline?	Met or Made Significant Progress?
	Target	Actual	Baseline			
	2018 - 2022	2018 - 2022	2016 - 2020			
Fatalities (5 Year Average)	35.4	51.4	42.0	No	No	No
Fatality Rate (5 Year Average)	0.950	1.376	1.145	No	No	
Serious Injuries (5 Year Average)	107.8	135.8	132.6	No	No	
Serious Injury Rate (5 Year Average)	2.874	3.629	3.594	No	No	
Non-motorized Fatalities and Serious Injuries (5 Year Average)	11.9	18.4	15.4	No	No	



**2025 State Safety Performance Targets**

2025 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 2024 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 2025 Safety Performance Targets*

Performance Measure	CY 2025
Number of Fatalities	1,103.3
Rate of Fatalities	0.925
Number of Serious Injuries	3,204.8
Rate of Serious Injuries	2.675
Number of Non-Motorized Fatalities & Serious Injuries	434.6

**2025 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	42.0	1.145	132.6	3.594	15.4
2017 - 2021	46.0	1.236	136.0	3.640	19.2
2018 - 2022	51.4	1.376	135.8	3.629	18.4
2019 - 2023	54.4	1.447	139.4	3.704	20.4
<b>2025 Target*</b>	<b>31.0</b>	<b>0.827</b>	<b>95.7</b>	<b>2.539</b>	<b>10.5</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. If you have not already done so, 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 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 and funded), and several interactive map-based dashboards that allows the user to select an area of interest for more specific crash statistics.
- Pedestrian Safety Improvements: [link](#)
  - Here you will find information related to NCDOT's pedestrian safety programs, as well as several new guidance documents related to pedestrian safety.
- 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: Alpesh Patel  
Daryl Vreeland, AICP  
George Hoops, PE  
Matt Albee, PE  
Shawn Troy, PE  
Brian Murphy, PE

RESOLUTION ADOPTING MODIFICATION #8 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 22nd day of January, 2025.

I, Ron Smith, 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 22nd day of January 2025.

---

Ron Smith, Chair  
Transportation Advisory Committee

### **Modifications to the 2024-2033 STIP**

Statewide project additions: R-5753, BO-2024, HN-0037, HO-0024, M-0531DIV, M-0531REG, M-0531SW, TA-6665, TC-0008, TC-0010, TC-0018, TC-0021, TM-0023, TM-0027, TM-0028, TM-0029, TM-0031, TM-0032, TO-0004, TQ-6954, and TU-0011.

- The second project modification is the delay of construction to FY 26 for the sidewalk project in Granite Quarry (BL-0088).
- The third project modification is to delay construction to FY 25 for the Brenner Avenue intersection project (C-5603H).
- The fourth project modification is to modify funding in FY 25 for the Little Texas Road sidewalk (EB-5844).
- The fifth project is to remove the Jake Alexander Boulevard sidewalk project (BL-0034).
- The sixth project is to add the George Liles Pkwy interchange lighting project (HL-0157).
- The seventh project is to delay preliminary engineering to FY 25 for the Concord Signal System Upgrade (HL-0123).
- The eighth project is to delay construction to FY 26 for the Salisbury Train Station and pedestrian underpass (P-5726A).
- The ninth project is delay right-of-way to FY 25 Salisbury Train Station waiting space expansion (P-5733).
- The tenth and final project is to reflect the cost increase by \$2 million and the 25 percent threshold for the NC 73 widening west of the county line (R-5706A).

REVISIONS TO THE 2024-2033 STIP  
HIGHWAY PROGRAM

STATEWIDE PROJECT

STIP MODIFICATIONS

\* R-5753 - STATEWIDE PROJECT  
STATEWIDE  
PROJ.CATEGORY  
EXEMPT

FEDERAL LANDS TRANSPORTATION PROGRAM (FLTP) CONSTRUCTION  
AND EMERGENCY RELIEF FOR FEDERALLY OWNED  
ROADS (ERFO). ROAD AND BRIDGE IMPROVEMENTS  
TO BE CONSTRUCTED ON TRANSPORTATION  
FACILITIES THAT ARE OWNED BY THE FEDERAL  
GOVERNMENT THAT PROVIDE ACCESS TO FEDERAL  
LANDS.

FY 2025 -	\$677,000	(ERFO)
FY 2025 -	\$11,500,000	(FLTP)
FY 2026 -	\$12,791,000	(FLTP)
FY 2027 -	\$5,992,000	(ERFO)
FY 2027 -	\$21,059,000	(FLTP)
FY 2028 -	<u>\$6,500,000</u>	(FLTP)
	\$58,519,000	

COST INCREASE EXCEEDING \$2 MILLION AND 25%  
THRESHOLDS.

REVISIONS TO THE 2024-2033 STIP  
HIGHWAY PROGRAM

CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION

STIP MODIFICATIONS

BL-0088 ROWAN PROJ.CATEGORY REGIONAL	- CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION	VARIOUS GRANITE QUARRY, KERNS STREET FROM	RIGHT-OF-WAY	FY 2025 -	\$72,000	(TADA)
		NORTH MAIN STREET TO US 52. NORTH OAK STREET		FY 2025 -	\$18,000	(L)
		FROM CROOK STREET TO GRANITE CIVIC PARK.	UTILITIES	FY 2025 -	\$8,000	(TADA)
		CROOK STREET FROM NORTH MAIN STREET TO		FY 2025 -	\$2,000	(L)
		NORTH OAK STREET. CONSTRUCT SIDEWALKS.	CONSTRUCTION	FY 2026 -	\$304,000	(TADA)
		<u>TO REFLECT LATEST DELIVERY SCHEDULE, DELAY</u>		FY 2026 -	\$76,000	(L)
		<u>RIGHT-OF-WAY FROM FY 24 TO FY 25 AND</u>				
		<u>CONSTRUCTION FROM FY 25 TO FY 26.</u>			\$480,000	
C-5603H ROWAN PROJ.CATEGORY EXEMPT	- CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION	BRENNER AVENUE, STATESVILLE BOULEVARD TO	CONSTRUCTION	FY 2025 -	\$1,190,000	(CMAQ)
		WEST HORAH STREET AND BRENNER AVENUE AT LINK		FY 2025 -	\$305,000	(CRPANY)
		AVENUE IN SALISBURY.		FY 2025 -	\$298,000	(L(M))
				FY 2025 -	\$76,000	(L)
					\$1,869,000	
EB-5844 CABARRUS PROJ.CATEGORY DIVISION	- CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION	KANNAPOLIS, LITTLE TEXAS ROAD, LANE STREET TO	CONSTRUCTION	FY 2025 -	\$131,000	(CMAQ)
		DALE EARNHARDT BOULEVARD. CONSTRUCT		FY 2025 -	\$4,389,000	(TAANY)
		SIDEWALK AND CURB AND GUTTER.		FY 2025 -	\$980,000	(L)
					\$5,500,000	
				<u>MODIFY FUNDING IN FY 25 AT THE REQUEST OF THE</u>		
		<u>MPO.</u>				

\* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2024-2033 STIP  
HIGHWAY PROGRAM

STATEWIDE PROJECT

STIP ADDITIONS

* BO-2424 STATEWIDE <b>PROJ.CATEGORY</b> EXEMPT	- STATEWIDE PROJECT	VARIOUS, INTEGRATED MOBILITY DIVISION BICYCLE AND PEDESTRIAN COORDINATION ACTIVITIES. <b><u>ADD PROJECT AT THE REQUEST OF THE OFFICE OF STRATEGIC INITIATIVES.</u></b>	ENGINEERING	FY 2025 - \$367,000 (CMAQ) FY 2026 - \$367,000 (CMAQ) FY 2027 - \$366,000 (CMAQ) \$1,100,000
* HN-0037 STATEWIDE <b>PROJ.CATEGORY</b> EXEMPT	- STATEWIDE PROJECT	STATEWIDE, DEVELOP CARBON REDUCTION STRATEGY AND EMISSIONS TOOL. <b><u>ADD PROJECT AT THE REQUEST OF THE OFFICE OF STRATEGIC INITIATIVES.</u></b>	IMPLEMENTATION	2025 \$250,000 CRPANY \$250,000
* HO-0024 STATEWIDE <b>PROJ.CATEGORY</b> EXEMPT	- STATEWIDE PROJECT	STATEWIDE, IMPROVE 1000 ISOLATED CLOSED-LOOP SYSTEM SIGNALS. <b><u>ADD PROJECT DUE TO AWARD OF FEDERAL GRANT. DP FUNDS REPRESENT FEDERAL ATTAIN GRANT.</u></b>	CONSTRUCTION	FY 2025 - \$2,965,000 (DP) FY 2025 - \$991,000 (HF(M)) FY 2026 - \$3,021,000 (DP) FY 2026 - \$1,005,000 (HF(M)) FY 2027 - \$3,060,000 (DP) FY 2027 - \$1,015,000 (HF(M)) FY 2028 - \$2,990,000 (DP) FY 2028 - \$975,000 (HF(M)) \$16,022,000
* M-0531DIV STATEWIDE <b>PROJ.CATEGORY</b> DIVISION	- STATEWIDE PROJECT	VARIOUS, TRANSPORTATION SCHOLARSHIP, INTERNSHIP PROGRAMS, TRAINING, AND EDUCATIONAL OUTREACH FOR HISTORICALLY BLACK COLLEGES AND UNIVERSITIES (HBCU) AND MINORITY SERVING INSTITUTIONS (MSI). <b><u>ADD PROJECT AT THE REQUEST OF THE DIVISION OF PLANNING AND PROGRAMMING.</u></b>	IMPLEMENTATION	FY 2025 - \$420,000 (BGANY) FY 2026 - \$420,000 (BGANY) \$840,000

\* INDICATES FEDERAL AMENDMENT

Wednesday, January 8, 2025

REVISIONS TO THE 2024-2033 STIP  
HIGHWAY PROGRAM

STATEWIDE PROJECT

STIP ADDITIONS

* M-0531REG STATEWIDE <b>PROJ.CATEGORY</b> REGIONAL	- STATEWIDE PROJECT	VARIOUS, TRANSPORTATION SCHOLARSHIP, INTERNSHIP PROGRAMS, TRAINING, AND EDUCATIONAL OUTREACH FOR HISTORICALLY BLACK COLLEGES AND UNIVERSITIES (HBCU) AND MINORITY SERVING INSTITUTIONS (MSI).	IMPLEMENTATION	FY 2025 - \$420,000 (BGANY) FY 2026 - \$420,000 (BGANY) \$840,000
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**ADD PROJECT AT THE REQUEST OF THE DIVISION OF PLANNING AND PROGRAMMING.**

* M-0531SW STATEWIDE <b>PROJ.CATEGORY</b> STATEWIDE	- STATEWIDE PROJECT	VARIOUS, TRANSPORTATION SCHOLARSHIP, INTERNSHIP PROGRAMS, TRAINING, AND EDUCATIONAL OUTREACH FOR HISTORICALLY BLACK COLLEGES AND UNIVERSITIES (HBCU) AND MINORITY SERVING INSTITUTIONS (MSI)	IMPLEMENTATION	FY 2025 - \$560,000 (BGANY) FY 2026 - \$560,000 (BGANY) \$1,120,000
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**ADD PROJECT AT THE REQUEST OF THE DIVISION OF PLANNING AND PROGRAMMING.**

STIP MODIFICATIONS

TA-6665 STATEWIDE <b>PROJ.CATEGORY</b> PUBLIC TRANS	- STATEWIDE PROJECT	STATEWIDE, 5311 CAPITAL PROJECTS FOR RURAL AREAS	CAPITAL	FY 2025 - \$10,000,000 (S) FY 2025 - \$10,000,000 (L) FY 2025 - \$42,000,000 (5311) \$62,000,000
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**MODIFY FUNDS AT THE REQUEST OF THE INTEGRATED MOBILITY DIVISION.**

TC-0008 STATEWIDE <b>PROJ.CATEGORY</b> PUBLIC TRANS	- STATEWIDE PROJECT	STATEWIDE, 5339(b) DISCRETIONARY GRANT FOR FACILITY CONSTRUCTION	CONSTRUCTION	FY 2025 - \$100,000 (L) FY 2025 - \$400,000 (5339) \$500,000
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**MODIFY FUNDS AT THE REQUEST OF THE INTEGRATED MOBILITY DIVISION.**

\* INDICATES FEDERAL AMENDMENT



REVISIONS TO THE 2024-2033 STIP  
HIGHWAY PROGRAM

STATEWIDE PROJECT

STIP MODIFICATIONS

TC-0010 STATEWIDE <b>PROJ.CATEGORY</b> PUBLIC TRANS	- STATEWIDE PROJECT	STATEWIDE, 5339(b) DISCRETIONARY GRANT FOR FACILITY CONSTRUCTION <b><u>MODIFY FUNDS AT THE REQUEST OF INTEGRATED MOBILITY DIVISION.</u></b>	CONSTRUCTION	FY 2025 - \$1,400,000 (L) FY 2025 - <u>\$4,200,000</u> (5339) \$5,600,000
TC-0018 STATEWIDE <b>PROJ.CATEGORY</b> PUBLIC TRANS	- STATEWIDE PROJECT	NCDOT, 5310 CAPITAL PROJECTS FOR RURAL AND URBAN AREAS. <b><u>MODIFY FUNDS AT THE REQUEST OF THE INTEGRATED MOBILITY DIVISION.</u></b>	CAPITAL	FY 2025 - \$5,000,000 (S) FY 2025 - \$5,000,000 (L) FY 2025 - <u>\$10,000,000</u> (5310) \$20,000,000
TC-0021 STATEWIDE <b>PROJ.CATEGORY</b> PUBLIC TRANS	- STATEWIDE PROJECT	NCDOT, 5339 STATEWIDE RURAL <b><u>MODIFY FUNDS AT THE REQUEST OF THE INTEGRATED MOBILITY DIVISION.</u></b>	CAPITAL	FY 2025 - \$7,000,000 (S) FY 2025 - \$7,000,000 (L) FY 2025 - <u>\$13,000,000</u> (5339) \$27,000,000
TM-0023 STATEWIDE <b>PROJ.CATEGORY</b> PUBLIC TRANS	- STATEWIDE PROJECT	NCDOT, INTEGRATED MOBILITY DIVISION STATE ADMINISTRATION FUNDS TO SUPPORT THE IMD WITH PROVIDING SUBRECIPIENT MONITORING AND OVERSIGHT AND PROVIDE TECHNICAL ASSISTANCE IN THE DEVELOPMENT OF PROJECTS AND PLANS FOR SMALL URBAN AND RURAL AREAS(5310 ADMIN/OPERATING/CAPITAL PURCHASE SERVICE) <b><u>MODIFY FUNDS AT THE REQUEST OF THE INTEGRATED MOBILITY DIVISION.</u></b>	ADMINISTRATIVE	FY 2025 - <u>\$6,000,000</u> (5310) \$6,000,000

\* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2024-2033 STIP  
HIGHWAY PROGRAM

STATEWIDE PROJECT

STIP MODIFICATIONS

TM-0027 STATEWIDE <b>PROJ.CATEGORY</b> PUBLIC TRANS	- STATEWIDE PROJECT	NCDOT, 5311 ADMINISTRATIVE FUNDS FOR FTA GRANTS <u>MODIFY FUNDS AT THE REQUEST OF THE INTEGRATED MOBILITY DIVISION.</u>	ADMINISTRATIVE	FY 2025 - \$7,000,000 (S) FY 2025 - \$7,000,000 (L) FY 2025 - <u>\$28,000,000</u> (5311) \$42,000,000
TM-0028 STATEWIDE <b>PROJ.CATEGORY</b> PUBLIC TRANS	- STATEWIDE PROJECT	NCDOT, 5311 OPERATING FUNDS FOR FTA GRANTS <u>MODIFY FUNDS AT THE REQUEST OF THE INTEGRATED MOBILITY DIVISION.</u>	OPERATIONS	FY 2025 - \$5,000,000 (L) FY 2025 - <u>\$10,000,000</u> (5311) \$15,000,000
TM-0029 STATEWIDE <b>PROJ.CATEGORY</b> PUBLIC TRANS	- STATEWIDE PROJECT	NCDOT, 5311 STATE ADMINISTRATIVE FUNDS FOR FTA GRANTS <u>MODIFY FUNDS AT THE REQUEST OF THE INTEGRATED MOBILITY DIVISION.</u>	ADMINISTRATIVE	FY 2025 - <u>\$7,000,000</u> (5311) \$7,000,000
TM-0031 STATEWIDE <b>PROJ.CATEGORY</b> PUBLIC TRANS	- STATEWIDE PROJECT	NCDOT, RTAP STATEWIDE FUNDS FOR FTA GRANTS <u>MODIFY FUNDS AT THE REQUEST OF THE INTEGRATED MOBILITY DIVISION.</u>	ADMINISTRATIVE	FY 2025 - \$700,000 (S) FY 2025 - <u>\$1,400,000</u> (RTAP) \$2,100,000
TM-0032 STATEWIDE <b>PROJ.CATEGORY</b> PUBLIC TRANS	- STATEWIDE PROJECT	NCDOT, 5311(F) INTERCITY BUS FUNDS FOR FTA GRANTS <u>MODIFY FUNDS AT THE REQUEST OF THE INTEGRATED MOBILITY DIVISION.</u>	OPERATIONS	FY 2025 - \$10,000,000 (S) FY 2025 - \$30,000,000 (L) FY 2025 - <u>\$30,000,000</u> (5311) \$70,000,000

\* INDICATES FEDERAL AMENDMENT

Wednesday, January 8, 2025

REVISIONS TO THE 2024-2033 STIP  
HIGHWAY PROGRAM

STATEWIDE PROJECT

STIP MODIFICATIONS

TO-0004	- STATEWIDE PROJECT	STATEWIDE, SYSTEM SAFETY OVERSIGHT GRANT FOR CAPITAL	FY 2025 -	\$800,000	(S)
STATEWIDE		NCDOT RAIL DIVISION.	FY 2025 -	\$2,200,000	(SSO)
<b>PROJ.CATEGORY</b>		<b><u>MODIFY FUNDS AT THE REQUEST OF THE</u></b>	FY 2026 -	\$500,000	(S)
PUBLIC TRANS		<b><u>INTEGRATED MOBILITY DIVISION.</u></b>	FY 2026 -	<u>\$1,000,000</u>	(SSO)
				\$4,500,000	
TQ-6954	- STATEWIDE PROJECT	STATEWIDE, 5310 OPERATING PROJECTS FOR RURAL OPERATIONS	FY 2025 -	\$7,000,000	(L)
STATEWIDE		AREAS	FY 2025 -	<u>\$10,000,000</u>	(5310)
<b>PROJ.CATEGORY</b>		<b><u>MODIFY FUNDS AT THE REQUEST OF THE</u></b>		\$17,000,000	
PUBLIC TRANS		<b><u>INTEGRATED MOBILITY DIVISION.</u></b>			
TU-0011	- STATEWIDE PROJECT	NCDOT, NCDOT-IMD SECTION 5304 PROGRAM FUNDS PLANNING	FY 2025 -	\$3,000,000	(S)
STATEWIDE		TO SUPPORT THE INTEGRATED MOBILITY DIVISION	FY 2025 -	\$3,000,000	(L)
<b>PROJ.CATEGORY</b>		URBAN TRANSIT TECHNICAL ASSISTANCE ACTIVITIES.	FY 2025 -	<u>\$8,000,000</u>	(5303)
PUBLIC TRANS		<b><u>MODIFY FUNDS AT THE REQUEST OF THE</u></b>		\$14,000,000	
		<b><u>INTEGRATED MOBILITY DIVISION.</u></b>			

\* INDICATES FEDERAL AMENDMENT

Wednesday, January 8, 2025

REVISIONS TO THE 2024-2033 STIP  
HIGHWAY PROGRAM

CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION

STIP ADDITIONS

* HL-0157 CABARRUS <b>PROJ.CATEGORY</b> EXEMPT	- CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION	I-85, GEORGE LILES PARKWAY INTERCHANGE. INSTALL LIGHTING AT INTERCHANGE. <b><u>ADD PROJECT AT THE REQUEST OF THE MPO.</u></b>	CONSTRUCTION	FY 2025 - \$800,000 (BGDA) FY 2025 - \$133,000 (L(M)) FY 2025 - \$67,000 (HF(M)) \$1,000,000
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STIP MODIFICATIONS

HL-0123 CABARRUS <b>PROJ.CATEGORY</b> EXEMPT	- CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION	CONCORD, UPGRADE SOFTWARE FOR CONCORD CITYWIDE SIGNAL SYSTEM. <b><u>TO REFLECT LATEST DELIVERY SCHEDULE, DELAY PRELIMINARY ENGINEERING FROM FY 24 TO FY 25.</u></b>	ENGINEERING  CONSTRUCTION	FY 2025 - \$800,000 (CRPDA) FY 2025 - \$200,000 (L) FY 2025 - \$400,000 (CRPDA) FY 2025 - \$100,000 (L) \$1,500,000
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P-5726A ROWAN <b>PROJ.CATEGORY</b> REGIONAL	- CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION	NORFOLK SOUTHERN, SALISBURY TRAIN STATION SECOND PLATFORM AND PEDESTRIAN UNDERPASS. <b><u>TO REFLECT THE LATEST DELIVERY SCHEDULE, DELAY CONSTRUCTION FROM FY 25 TO FY 26.</u></b>	CONSTRUCTION	FY 2026 - \$1,015,000 (T) FY 2027 - \$1,485,000 (T) \$2,500,000
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P-5733 ROWAN <b>PROJ.CATEGORY</b> DIVISION	- CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION	NORFOLK SOUTHERN, CITY OF SALISBURY. UPGRADE STATION BUILDING, EXPAND WAITING SPACE AND SURFACE PARKING. <b><u>TO REFLECT THE LATEST DELIVERY SCHEDULE, DELAY RIGHT-OF-WAY FROM FY 24 TO FY 25.</u></b>	RIGHT-OF-WAY  CONSTRUCTION	FY 2025 - \$1,454,000 (CMAQ) FY 2025 - \$546,000 (T) FY 2026 - \$3,454,000 (CMAQ) FY 2026 - \$1,297,000 (T) FY 2027 - \$2,754,000 (CMAQ) FY 2027 - \$1,034,000 (T) FY 2028 - \$334,000 (CMAQ) FY 2028 - \$126,000 (T) \$10,999,000
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\* INDICATES FEDERAL AMENDMENT

Table 8- Transportation Improvements (2026-2035)

2026 TO 2035 HORIZON YEARS													
2050 MTP HY	DIV. #	Index #	Tier	TIP #	FACILITY	FROM	TO	LENGTH	TIP LENGTH	EXISTING	FUTURE	DESCRIPTION	ESTIMATED COST
2035	9	63	D	U-6062	Main St (US 29A)	Jackson Park Rd/Loop Rd	Coach Deal Rd	4.3	4.3	2 Lanes	3 Lanes	Improve roadway incorporating bike lanes and sidewalks	\$ 64,944,000
2035	9	68	S	R-5860	US 52 Widening	Rockwell Bypass	Misenheimer Bypass	4.6	4.6	2 Lanes	4 Lanes	Widen with median-divided	\$ 80,199,000
													\$ 145,143,000
												Total Balance Estimated - Division	\$ 64,944,000
												Total Balance Estimated - Regional	\$ 80,199,000
2035	10	59	D	U-6032	Odell School Road	Concord Mills Blvd	I-485	0.9	0.9	2 Lanes	6 Lanes	Median-divided widening	\$ 42,800,000
2035	10	36	D	U-3415A	Poplar Tent Road (U-3415)	Derita Rd	George Liles Pkwy	1.35	1.35	2 Lanes	4 Lanes	Median-divided widened with sidewalks and bike lanes	\$ 45,098,000
2035	10	61	R	U-5956	Intersection of US 29, Rock Hill Church Rd, Union Cemetery Rd							Realign Union Cemetery Rd to intersection US 29 at Rock Hill Church Rd	\$ 24,199,000
2025	10	51	R	U-5761	Intersection of NC 3 and US 29/601							Intersection Improvement	\$ 8,100,000
2025	10	73	D	STP	Intersection of Harris Road and Poplar Tent Road			0.75				Intersection Improvement	\$ 15,080,000
													\$ 112,097,000
												Total Balance Estimated - Division	\$ 87,898,000
												Total Balance Estimated - Regional	\$ 24,199,000

2036 TO 2045 HORIZON YEARS													
2050 MTP HY	DIV. #	Index #	Tier	TIP #	FACILITY	FROM	TO	LENGTH	TIP LENGTH	EXISTING	FUTURE	DESCRIPTION	ESTIMATED COST
2035	9	72	R	U-6130	NC 152 Intersection Improvements							Intersection and ramp improvement	\$ 10,100,000
2045	9	33	R	U-5900	NC 150	Airport Road	West of Grants Creek	3	3	2 Lanes	4 Lanes	Median-divided widened with sidewalks and bike lanes	\$ 81,400,000
2045	9	64	D		Long Ferry Rd Grade Separation			1		2 Lanes		Railroad Grade Separation	20,200,000
2045	9	76	D		New I-85 Interchange at McCanless Rd							New Interchange	39,700,000
2035	9	34	D	U-5901	Airport Pkwy Extension	Jake Alexander Blvd	US 29/Peach Orchard Road	3.6	3.6		2 Lanes	Connector road on multi-lane right-of-way	\$ 55,302,000
2035	10	66	R	P-5723	22nd Street	Airport Road	US 29	0.5			2 Lanes	22nd Street Railroad Grade Separation	\$ 33,900,000
												Total Balance Estimated - Division	\$ 240,602,000
												Total Balance Estimated - Regional	\$ 12,271,622
													\$ 4,382,418
2045	10	37	D	U-6029	Poplar Tent Road	NC 73	Derita Road	4.2	4.2	2 Lanes	4 Lanes	Median-divided widened with sidewalks and bike lanes	\$ 59,640,000.00
2045	10	46	R	R-5706B	NC 73	US 29	Poplar Tent Road	8.92	10.9	2 Lanes	4 Lanes	Median-divided widened with sidewalks and bike lanes	\$ 242,800,000.00
2050	10	38	D	R-2246	George Liles Pkwy (R-2246)	NC 49	Roberta Rd	5.21	6.5	2 Lanes	4 Lanes	Widen roadway with part on new location	31,100,000
												Total Balance Estimated - Division	\$6,725,000.00
												Total Balance Estimated - Regional	\$26,686,355.00

**Table 8-  
Transportation Improvements (2046-2055)**

2046 TO 2055 HORIZON YEAR													
2050 MTP HY	DIV. #	Index #	Tier	TIP #	FACILITY	FROM	TO	LENGTH	TIP LENGTH	EXISTING	FUTURE	DESCRIPTION	ESTIMATED COST
2045	9	67	S	U-6075	US 52 Bypass	South of Granite Quarry	North of Granite Quarry	4.6	4.6		4 Lanes	Widen with median-divided	\$89,000,000
2045	9	70	S		US 52 Bypass	South of Rockwell	North of Rockwell	3.96		2 Lanes	4 Lanes	Widen with median-divided	68,668,000
	9	77	R		NC 150	Rowan Mill Rd	Sherrils Ford Rd					Add storage and turn lanes per the road plans for the U-5900 TIP project.	4,100,000
	9	78	R		NC 152 Roundabout	Miller Rd						Convert intersection into single lane roundabout	6,100,000
2050	9	31	R		NC 152 Bypass	NC 152 East	NC 152 West	7.5			3 Lanes	Urban bypass to facilitate east-west traffic	169,900,000
												Total Balance Estimated - Division	\$106,042,080
												Total Balance Estimated - Regional	\$19,996,378
2045	10	71	D	U-3415B	Poplar Tent Road (U-3415)	George Liles Pkwy	US 29	3.08	3.08	2 Lanes	4 Lanes	Median-divided widened with sidewalks and bike lanes	\$87,800,000
2045	10	39	R	U-5773A	NC 3	Dale Earnhardt Blvd	NC 73	5.09	8	2 Lanes	4 Lanes	Median-divided widened with sidewalks and bike lanes	\$249,000,000
2045	10	69	R	U-5773B	NC 3	NC 73	US 601	2.87	8	2 Lanes	4 Lanes	Median-divided widened with sidewalks and bike lanes	\$130,340,000
2050	10	41	R		US Hwy 29	I-85	Church Street	0.36		4 Lanes	7 Lanes	Median-divided widened with sidewalks and bike lanes	\$9,600,000
2050	10	45	R		US Hwy 601	NC 3 (South Union Street)	Flowers Store Road	1.15		2 Lanes	4 Lanes Divided	Median-divided widened with sidewalks and bike lanes	\$10,200,000
													\$814,940,000
												Total Balance Estimated - Division	\$2,940,890
												Total Balance Estimated - Regional	\$59,087,290

**Table 8- Transportation Improvements (2022-2025 Horizon)**

2022 TO 2025 HORIZON YEARS													
2050 MTP HY	DIV. #	Index #	Tier	TIP #	FACILITY	FROM	TO	LENGTH	TIP LENGTH	EXISTING	FUTURE	DESCRIPTION	ESTIMATED COST
2025	9	32	D	U-5738	Julian Road	Jake Alexander Blvd	Summit Park Drive	1.3	1.3	2 Lanes	4 Lanes	Widen with median-divided, sidewalks, bike lanes, and bus turnouts	\$ 16,900,000
2025	10	15	R	U-3440	NC 3 (U-3440)	Kannapolis Parkway	Loop Road	2.5	2.5	2 Lanes	4 Lanes	Widen to improve access to downtown Kannapolis	\$48,456,000
2025	10	50	S	Y-4810K	Rogers Lake Road							Rogers Lake Road Railroad Grade Separation	\$ 15,600,000



# 2055 Transportation Plan

*Kannapolis City Hall  
January 22, 2025*



Phil Conrad, AICP  
Cabarrus-Rowan MPO

# What is a Transportation Plan?

- The Metropolitan Transportation Plan is a multi-modal plan that has the following components:
- At least a 20 year horizon
- Financially constrained
- Meet Federal Air Quality standards

# Transportation Plan Elements

- Goals and Objectives
- Demographic Assumptions
- Financial Plan
- Public Involvement
- Highway
- Transit
- Bicycle and Pedestrian
- Aviation
- Freight



# Financial Constraint

- Include all sources of revenue – federal, state, and local
- STIP is main source of funding
- Assume reasonable revenue estimates over the life of the MTP
- Program or list projects that do not exceed revenue estimates

# Transportation Revenue Sources



- Strategic Transportation Investments (STI) including CMAQ, CRP, STBG, TAP, etc.
- Local Funds
- Total 2050 MTP Estimate of Funds - \$2.52 billion
- NCDOT Maintenance and Powell Bill Funds

# Revenue Forecast



- Pipeline Projects are held constant in the first two horizon years (2025 and 2035)
- Revenue estimate consistent with 2035 DRAFT STIP
- Revenue from 2050 Statewide Plan for last two horizon years (2045 and 2055)

# Changes from 2020 MTP Update

- 2050 MTP was primarily developed during COVID
- Inflationary costs by county – 52 percent in 2035, 95 percent in 2045, and 120 percent in 2055
- Added 2 projects from P7 – NC 150/Rowan Mill Rd intersection and the NC 152/Miller Rd roundabout
- All preliminary until the DRAFT STIP is released in February
- DRAFT MTP revenues based on P7/June 2024 funding availability
- MPO discretionary funds would be forecasted separately

# Key Projects Funded by 2035

- Odell School Road and Union Cemetery Road realignment – Cabarrus
- US 52 widening and US 29A improvements in south Rowan – Rowan



# Key Projects Funded by 2045

- George Liles Pkwy, Poplar Tent Rd widening, and NC 73 widening - Cabarrus
- NC 150 widening, Airport Pkwy Extension, and McCanless Rd interchange – Rowan

# Key Projects Funded by 2055



- Poplar Tent Rd widening to US 29 and NC 3 widening – Cabarrus
- Rockwell Bypass/US 52 Bypass and Granite Quarry/US 52 Bypass - Rowan

# Key Transit Projects Funded/2050 MTP

- CCX, Concord Mills Circulator, Concord/Huntersville Express, Kannapolis/Charlotte Express
- HCT to CMS
- Several new bus routes (17) planned to cover more of Cabarrus County

# Next Steps

- January 2025 – Public comment begins
- February 2025 – DRAFT STIP to be released
- March/April 2025 – Public comment concludes and TCC/TAC receive final projects list and recommended revenues
- 2055 MTP Update and Transportation Conformity deadline April 5, 2026

# QUESTIONS ?



**January 7, 2025**

**MEMO TO:** TCC/TAC Members

**FROM:** Phil Conrad, MPO Director

**SUBJECT: DRAFT STIP Programming and 2055 MTP Financial Plan**

The purpose of this memo is to provide additional information on the recent STIP Programming and its impact on project schedules and financial forecasts for the 2055 MTP Update and Projects List. Due to the lagging impact of COVID-19 and ongoing reduced gas tax revenue to the state, NCDOT continues to struggle with project schedules. In addition, the NCDOT released the 10 year estimates for each of the tiers which is broken out by Division and Region. The Cabarrus-Rowan MPO is included in Divisions 9 and 10 and Regions D and E. According to these estimates, Division 9 and 10 will each receive about \$702 million over the 10 year period for division tier projects. Because the regional tier is indexed for population, Region D will receive about \$1.6 billion over the 10 year period and Regional E will receive about \$2.1 billion over the 10 year period for regional tier projects. The 2 regions total 10 counties.

NCDOT made several schedule adjustments to projects in the 2050 MTP, which will redefine the core of the 2055 MTP, particularly some project schedules thru the year 2045. It's safe to assume that lingering impacts of the year 2020 will continue to be felt for some time. In addition, the NCDOT has completed a statewide 2050 Moves Plan. This Plan included revenue assumptions based on a number of scenarios generated without the full benefit of knowing the fiscal impacts of the year 2020. However, it may be prudent to retain these forecasts over the duration of the 2055 MTP for a number of reasons. At some point, the impacts of 2020 will reverse course unless there are a series of global pandemics or changes in driving culture. Second, the life of the 2055 MTP is only 4 years, so additional information will be forthcoming by the time the next update is due in 2030, first one in the next decade. Third, the statewide 2050 Plan includes a trend scenario that conservatively forecasts the future based on past results, which is an acceptable practice. Without a crystal ball, it is difficult to predict variables such as pandemics, natural disasters, fuel efficiency, driverless cars, etc. and their impact on such a small geography as the MPO much less a nation's transportation system. These factors will be evaluated and debated for many iterations before the end of calendar 2055, with multiple chances for adjustment by the state and MPO. Incidentally, the MPO will assume that Strategic Transportation Investments (STI) will remain intact for the life of the 2055 MTP, which may be optimistic. The system has proven to be predictable and valuable to the transportation planning and project development profession.

Using the NCDOT 2050 Moves Plan and updated STIP revenue forecasts for the years 2035 thru 2055 would translate into about \$458 million in Division Tier revenue for the MPO area and about \$707 million in Regional Tier revenue for the MPO area. While applying this revenue to the final two horizon years (2045 and 2055). The following noteworthy projects should be completed by 2045: the **widening of NC 73, the George**

**Liles extension, and widening a western section of Poplar Tent Road** in Cabarrus County, as well as the **Airport Pkwy extension, widening of NC 150, and the McCanless Road interchange** in Rowan County. All of these projects have been part of the MPO planning process and previous MTP's for a few years. Due to limited revenue in the last 10 years of the MTP, a couple of projects would be open for traffic by 2055: the **US 52 bypass and widening the final section of Poplar Tent Road**. It does not mean that these projects could not slip into the next MTP or open sooner due to many, many factors over the next 30 years. In addition, many non-highway projects will be planned and completed over this horizon. The MPO receives CMAQ, CRP, TAP, and STBGP funds that can be directly applied to these needs. The NCDOT currently has a minimum floor for highway expenditures in the 90 percent range, with the remainder pledged for non-highway projects. Non-highway projects also compete for state match funds thru STI such as transit and aviation projects. Additional discussion of non-highway projects and revenue assumptions particularly for public transit will be covered under a separate memo.

# P7.0 Funding Availability – As of May 17, 2024

STI Category	Initial Allocation	+ Amount Reserved for Inflation	+ Variance Adjustment	+ Amount Committed in 2026-2035	= Available for P7.0
Statewide Mobility*	\$15,069M	-\$1,967M	-\$2,027M	-\$10,043M	\$1,033M
Region A (Divisions 1 & 4)	\$918M	-\$120M	-\$6M	-\$1,020M	-\$228M
Region B (Divisions 2 & 3)	\$1,323M	-\$173M	\$14M	-\$1,196M	-\$32M
Region C (Divisions 5 & 6)	\$2,544M	-\$333M	\$133M	-\$1,352M	\$992M
Region D (Divisions 7 & 9)	\$1,889M	-\$247M	-\$171M	-\$1,012M	\$458M
Region E (Divisions 8 & 10)	\$2,390M	-\$313M	\$509M	-\$3,057M	-\$471M
Region F (Divisions 11 & 12)	\$1,258M	-\$165M	\$121M	-\$1,206M	\$8M
Region G (Divisions 13 & 14)	\$951M	-\$124M	\$68M	-\$1,086M	-\$191M

\*\*\* Values are as of May 17, 2024, and will change due to, but not limited to, updated project cost estimates and schedule changes for committed projects \*\*\*



# P7.0 Funding Availability – As of May 17, 2024

STI Category	Initial Allocation	+ Amount Reserved for Inflation	+ Variance Adjustment	+ Amount Committed in 2026-2035	= Available for P7.0
Division 1	\$807M	-\$105M	\$110M	-\$831M	-\$19M
Division 2	\$807M	-\$105M	\$95M	-\$882M	-\$85M
Division 3	\$807M	-\$105M	\$46M	-\$802M	-\$54M
Division 4	\$807M	-\$105M	-\$5M	-\$674M	\$24M
Division 5	\$807M	-\$105M	-\$42M	-\$767M	-\$107M
Division 6	\$807M	-\$105M	-\$21M	-\$555M	\$126M
Division 7	\$807M	-\$105M	\$56M	-\$574M	\$184M
Division 8	\$807M	-\$105M	\$236M	-\$825M	\$113M
Division 9	\$807M	-\$105M	\$78M	-\$795M	-\$15M
Division 10	\$807M	-\$105M	\$15M	-\$824M	-\$108M
Division 11	\$807M	-\$105M	\$177M	-\$839M	\$40M
Division 12	\$807M	-\$105M	\$177M	-\$951M	-\$72M
Division 13	\$807M	-\$105M	\$130M	-\$884M	-\$52M
Division 14	\$807M	-\$105M	\$27M	-\$679M	\$51M

\*\*\* Values are as of May 17, 2024, and will change due to, but not limited to, updated project cost estimates and schedule changes for committed projects \*\*\*

Cabarrus-Rowan MPO  
NCDOT Division 9 Transportation Update  
January 2025

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	74% Complete	\$13,777,568	Smith-Rowe	Eric Goldston (704) 630-3220	Project behind schedule due to various delays. Estimated completion October 2025.
BP9.R004.3 (D100348)	Grading, Drainage, Paving, and Structure on SR 1322 (Ebenezer Road) – Bridge No. 790235 over Beaver Creek	February 17, 2025	TBA	0% Complete	\$1,422,248	NJR Group, Inc.	Eric Goldston (704) 630-3220	
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	84% Complete	\$13,039,376	J. T. Russell and Sons	Eric Goldston (704) 630-3220	Contractor completing paving, grading, sidewalk, and signal work. New alignment open to traffic by the end of the year. Estimated completion early 2025.
Y-5500IA (D100346)	Drainage, Grading, Paving, & Crossing Closure on SR 1526 (Henderson Grove Church Road) – Existing At-Grade Rail Crossing & Extension of SR 1526 (Henderson Grove Church Road)	June 24, 2024	May 14, 2025	14% Complete	\$2,504,746	NJR Group, Inc.	Eric Goldston (704) 630-3220	Clearing & grubbing on new alignment completed. Grading, pipe installation, and erosion control underway. Estimated open to traffic date is November 14, 2025.
2024CPT.09.07.10801 2024CPT.09.08.20801 (C204418)	Shoulder reconstruction, resurfacing and milling on 1 section of US 70 both East and West, 1 section of NC150, and 8 sections of secondary roads.	February 20, 2024	October 1, 2025	0% Complete	\$5,911,698	NJR Group, Inc.	Kelly Seitz (704) 630-3200	Project will begin in 2025.
2025CPT.09.14.20802.3 (D100363)	Asphalt Surface Treatment, 73 Various Secondary Sections in Rowan County	April 1, 2025	TBA	0% Complete	\$1,689,808	Whitehurst Paving	Kelly Seitz (704) 630-3200	
17BP.9.R.86 (D100343)	Grading, Drainage, Paving, Structure improvements on SR 1516 (Airport Road) – Bridge No. 205 over Grants Creek	June 24, 2024	May 15, 2025	75% Complete	\$1,403,684	NJR Group, Inc.	Kelly Seitz (704) 630-3200	Contractor has taken out the old bridge and has begun utility relocations.
HE-0009 (D100329)	Grading, Drainage, and Paving on NC 152 from East of I-85/US 601 Interchange to 800' West of SR 2648 (Timberfield Trail)	March 17, 2025	TBA	0% Complete	\$4,150,391	Performance Managed Construction, Inc.	Kelly Seitz (704) 630-3200	
HS-2009I (D100354)	NC 152 / NC 153 Intersection - Grading, Paving, Drainage	September 25, 2024	Late Spring 2025	0% Complete	\$320,338	NJR Group, Inc.	Kelly Seitz (704) 630-3200	Contractor plans to mobilize to project Spring of 2025.
<b>Projects Under Development</b>								
P-5733 47612.3.1	NS Main - Rowan County - Upgrade Station Building, expand waiting space and surface parking	October 21, 2025	TBA	ROW Acquisition February 12, 2025	\$9,143,000	TBA	Brad Smythe (919) 707-4118	NON-DOT Let - NCDOT is working with the City now to develop a project agreement for this project.
R-5860A	Proposed Misenheimer Bypass to proposed Rockwell Bypass. Upgrade roadway and access management.	October 17, 2028	TBA	ROW Acquisition September 17, 2027	\$46,200,000	TBA	Bryan Key (919) 707-6263	Raleigh Letting (LET) - On hold.
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	\$52,100,000	TBA	Ryan Newcomb (336) 747-7800	DDRL - Raleigh Let. Express design update in progress to update project estimate. PE work in progress. Merger Screening meeting held October 12, 2023. CP1 meeting held April 17, 2024. CP1 form signed by the Merger Team. CP2 meeting held July 25, 2024. CP2 form to be signed by the Merger Team. The Merger Team concurred on 6 alternatives to carry forward for detailed study. Public meeting anticipated for Spring 2025.

Cabarrus-Rowan MPO  
**NCDOT Division 9 Transportation Update**  
 January 2025

TIP / WBS No.	Description	Let Date	Completion Date	Status	Construction Cost	Contractor	Project Administrator	Comments
<b>Projects Under Development</b>								
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	March 18, 2031	TBA	ROW Acquisition June 16, 2028	\$35,800,000	TBA	Ryan Newcomb (336) 747-7800	DDRL - The PE work for this project has been 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 suspended. Express design update in progress to revise project estimate.
P-5726 47604.3.1 (C204343)	NS Main - Construct Track Improvements, Second Platform, Pedestrian Underpass, Sitework, Retaining Wall, and Signalling Equipment	March 17, 2026	TBA	ROW Acquisition In Progress	\$10,800,000	TBA	Brad Smythe (919) 707-4118	Raleigh Let - Pending execution of rail agreement.
P-5726A	Salisbury train station second platform and pedestrian underpass.	July 23, 2025	TBA	ROW Acquisition In Progress	\$2,500,000	TBA	Brad Smythe (919) 707-4118	Division POC -
P-5726B	Salisbury Norfolk Southern crossover relocation.	June 25, 2025	TBA	ROW Acquisition In Progress	\$4,000,000	TBA	Brad Smythe (919) 707-4118	NON-DOT Let -
<b>State Forces Projects Under Development</b>								
48921	Construct right turn lane on SR 1210 (Old Beatty Ford Rd) at US 29.	TBA	TBA	Planning/Design In Progress	Updated estimate pending completion of revised RCI design	State Forces	Matt Jones (336) 747-7800	High Impact Low Cost (HILC) project - ROW has been settled. Division presented the RCI concept at Landis Council meeting. Landis has indicated they would like to pursue the RCI improvements at this location. Division is still working with the Consultant (AWCK) on the RCI design and cost estimate for public meeting. Schedule is being reviewed and additional funds will be needed to complete the project.
<b>Division Bridge Projects Under Development</b>								
15BPR.115.1	Bridge Rehabilitation - Bridge #137 and #465 on I-85 over Yadkin River	January 16, 2029	TBA	TBA	\$6,000,000	TBA	Jeremy Keaton (336) 747-7800	In development - Raleigh SMU managed.
17BP.9.R.96	Replace Bridge #254 over Kerr Creek on SR 1547 (Caldwell Rd) in Rowan County	February 11, 2026	TBA	ROW Acquisition Complete	\$900,000	TBA	Jeremy Keaton (336) 747-7800	Project is on schedule.
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 In Progress	\$1,500,000	TBA	Jeremy Keaton (336) 747-7800	Project is on schedule.
<b>Locally Administered Projects Under Development</b>								
C-5603D 43713.3.4	Construct sidewalks on Old Concord Rd from Ryan St to Jake Alexander Blvd	September 30, 2025	TBA	ROW Acquisition In Progress	\$369,000	TBA	Wendy Brindle (704) 638-5201	Non-DOT let (LAP) - City of Salisbury - Railroad approval pending. Supplemental funding agreement pending.
C-5603H 43713.3.8	Brenner Ave from Statesville Blvd. to W Horah St and Brenner Ave. at Link Ave. in Salisbury	September 30, 2025	TBA	ROW Acquisition In Progress	\$643,000	TBA	Wendy Brindle (704) 638-5201	Non-DOT let (LAP) - City of Salisbury - ROW Certification pending. RR concerns. Additional funds are being transferred from BL-0034.

Cabarrus-Rowan MPO  
**NCDOT Division 9 Transportation Update**  
 January 2025

TIP / WBS No.	Description	Let Date	Completion Date	Status	Construction Cost	Contractor	Project Administrator	Comments
<b>Locally Administered Projects Under Development</b>								
EB-5619B	Grants Creek Greenway - Construct Multi-use trail from Kelsey Scott Park to Forestdale Dr in Salisbury	March 31, 2025	TBA	ROW Acquisition In Progress	\$1,439,000	TBA	Wendy Brindle (704) 638-5201	NON-DOT let (LAP) - Route change needed due to Veteran's Affairs denying path to cross their ROW. Agreement approved for updated funding.
EB-5619C	Grants Creek Greenway - Construct Multi-use trail from Wiltshire Village to Kelsey Scott Park.	June 30, 2026	TBA	ROW Acquisition April 30, 2025	\$2,352,000	TBA	Wendy Brindle (704) 638-5201	NON-DOT let (LAP) -
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, 2025	TBA	ROW Acquisition April 30, 2025	\$830,000	TBA	Wendy Brindle (704) 638-5201	Non-DOT let (LAP) - Finishing up 25% plans for submittal. Beginning drainage and utility coordination. Working on CE.
HL-0064	US 29 Main Street from Kerr Street to Horah Street in Salisbury. Safety Improvements.	February 28, 2025	TBA	TBA	\$6,021,000	TBA	Wendy Brindle (704) 638-5201	On schedule. Environmental document in progress. Public meeting was held in July.
EB-5861	Third Street Greenway from 3rd Street to Yadkin River in Spencer. Construct alternate route, including spur from Grants Creek	September 30, 2026	TBA	TBA	\$4,287,000	TBA	Joel Taylor (704) 633-5331	Non-DOT let (LAP) - Municipal agreement in place. Design firm preparing Costs/Rates Manday hour worksheet. PE funding has been requested.
BL-0088	Installation of Granite Quarry Sidewalks: North Kerns Street from North Main Street to US 52. North Oak Street from Crook Street to Granite Civic Park. Crook Street from North Main Street to North Oak Street.	September 30, 2026	TBA	ROW Acquisition September 30, 2025	\$380,000	TBA	Jeff Turner (336) 747-7800	Non-DOT let (LAP) - PEF rates approved.
<b>Completed Projects</b>								
9.102919.1; 9.103419.1; 9.108019.1 (DI00344)	Polyurea pavement markings on various primary routes in Davidson, Forsyth, and Rowan County	June 3, 2024	November 1, 2024	100% Complete	\$1,627,542	Oglesby Construction	Eric Goldston (704) 630-3220	Work Complete.
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	100% Complete	\$4,651,490	J. T. Russell and Sons	Kelly Seitz (704) 630-3200	Work Complete.
2024CPT.09.14.20802.3 (DI00338)	Asphalt Surface Treatment, 23 Sections in Rowan County	April 8, 2024	October 18, 2024	100% Complete	\$803,139	Whitehurst Paving	Kelly Seitz (704) 630-3200	Work Complete.
HS-2009J (DI00341)	Multiple Freeway and Expressway Ramps. Install Long Life Wrong Way Pavement Markings.	February 28, 2024	August 30, 2024	100% Complete	\$431,240	Hickory Sealing and Striping INC	Kelly Seitz (704) 630-3200	Work Complete.

TIP/WBS No#	DESCRIPTION	LET DATE	COMPLETION DATE	CONSTRUCTION COST	CONTRACTOR	PROJECT ADMINISTRATOR	COMMENTS
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<b>R A I L R O A D</b>	<b>RAILROAD PROJECTS</b>							
	<b>PROJECTS UNDER DEVELOPMENT</b>							
	<b>Y-4810K</b>	<b>Rogers Lake Road</b> Grade Separation over NA/NCRR Railroad and closure at Grade Crossing N.724408Y in Kannapolis	November 2022	Winter 2026	16.3M	NJR Group, Inc.	NCDOT <b>Michael Mariano</b> 704-983-4400	Project is currently under CON.
	<b>P-5725</b>	<b>Kannapolis Train Station</b> Second Platform and Pedestrian Overpass	Summer 2025	TBD	13.4 M	TBD	NCDOT <b>Brad Smythe</b> 919-707-4118	Utility Relocations being performed. Pending Railroad CON Agreement, completion.

<b>I 8 5</b>	<b>I-85 PROJECT</b>						
	<b>PROJECTS UNDER DEVELOPMENT</b>						
	<b>I-3802AA</b>	<b>I-85</b> Installation of Fiber Optic Communications Network, CCTV and DMS System for I-3802A project	February 2023	Winter 2025	2.1 M	Traffic Control Devices	NCDOT <b>Michael Mariano</b> 704-983-4400

<b>U R B A N P R O</b>	<b>URBAN PROJECTS</b>							
	<b>ACTIVE CONSTRUCTION PROJECTS</b>							
	<b>U-3440</b>	<b>NC 3 Kannapolis.</b> U-2009 (Westside Bypass)-TO-SR 1691 (Loop Road). Widen existing route to multi-lane facility	November 2016	Summer 2024	34.1 M	JT Russell	NCDOT <b>Michael Hedrick</b> 980-523-0085	Final inspection has occurred. Awaiting contractor correction of punch list items.
	<b>PROJECTS UNDER DEVELOPMENT</b>							
	<b>U-5761</b>	<b>NC 3 (Dale Earnhardt Blvd.) Kannapolis</b> Improve Intersection of NC 3 and US 29/601	R/W-2022 LET 2027	2028 <b>PROJECTED</b>	10.9 M	RS&H	NCDOT <b>Donald Griffith</b> 704-983-4418	ROW Acquisition in progress.
<b>U-6032</b>	<b>Mallard Creek Road (SR-2467)/ Derita Rd (SR-1445)</b> from I-485 to Concord Mills Blvd. Widen to 6 lanes	R/W-2022 LET 2026	2029 <b>PROJECTED</b>	41.4M	KCI	NCDOT <b>Donald Griffith</b> 704-983-4418	Project currently in PE.	

	TIP/WBS No#	DESCRIPTION	LET DATE	COMPLETION DATE	CONSTRUCTION COST	CONTRACTOR	PROJECT ADMINISTRATOR	COMMENTS
J E C T S	U-5956	<b>US 29 Concord.</b> Realign Union Cemetery Road to Intersect US 29 at Rock Hill Church Road	R/W-2022 LET 2025	2027 <b>PROJECTED</b>	18.7 M	Kimley-Horn	NCDOT <b>Randy Bowers</b> 704-983-4400	ROW Acquisition in progress.
	U-3415A	<b>SR 1394 Poplar Tent Rd. Concord Derita Road</b> to George Liles Pkwy. Widen to 4 lane divided	R/W-2026 LET-2029	2031 <b>PROJECTED</b>	49.4 M	Santec	NCDOT <b>Donald Griffith</b> 704-983-4418	Working toward 25% plans.

**CONGESTION PROJECTS**

**HIGHWAY SAFETY PROJECTS**

ACTIVE CONSTRUCTION PROJECTS								
S A F E	W-5710AO	<b>Salisbury-Concord Road/ Old Concord Rd. Kannapolis</b> to Irish Potato Road. Install Roundabout	December 2023	Summer 2024	1.12 M	JT Russell	NCDOT <b>Michael Mariano</b> 704-983-4380	<b>PROJECT COMPLETED.</b> Currently awaiting vegetation establishment. End Edit 3/25
	HS-2010O	<b>NC 73.</b> Install rumble strips and long life pavement markings.	March 2024	70 days	622K	TRP Construction	NCDOT <b>Michael Mariano</b> 704-983-4380	<b>PROJECT COMPLETED.</b> End Edit 3/25
	HS-2010P	<b>NC 49; US 601; and, NC 3.</b> Install rumble strips and long life pavement markings.	March 2024	60 days	453K	TRP Construction	NCDOT <b>Michael Mariano</b> 704-983-4380	<b>PROJECT COMPLETED.</b> End Edit 3/25
	HS-2010D	<b>NC 24/27 and Bethel School Road</b> Half RCI	February 2024	Winter 2024	662 K	JT Russell	NCDOT <b>Michael Mariano</b> 704-983-4380	<b>PROJECT COMPLETED.</b> End Edit 3/25
	HS-2010F	<b>NC 24/27 and Pine Bluff/Reed Mine Road</b> RCI	February 2024	Winter 2024	750 K	JT Russell	NCDOT <b>Michael Mariano</b> 704-983-4380	<b>PROJECT COMPLETED.</b> End Edit 3/25
PROJECTS UNDER DEVELOPMENT								
T	HS-2010H	<b>NC 49 and Zion Church Road</b> RCI	Fall 2025	TBD	Page 54 1.95 M	TBD	NCDOT <b>Donald Harward</b> 704-983-4400	ROW Acquisition in progress.

TIP/WBS No#	DESCRIPTION	LET DATE	COMPLETION DATE	CONSTRUCTION COST	CONTRACTOR	PROJECT ADMINISTRATOR	COMMENTS
HS-2010Q	NC 49 @ Old Airport Road - Covert to RCI	Spring 2027				NCDOT <b>Donald Harward</b> 704-983-4400	Project is in Design Phase.
HS-2010R	Robinson Church Road Near Peach Orchard Road - Wedge, Widen, Shoulders, grad Ditch	Summer 2027				NCDOT <b>Donald Harward</b> 704-983-4400	Project scope area overlaps with Developer's scope of work. Project to be released once the Developer is completed.

<b>BRIDGE PROJECTS</b>							
<b>ACTIVE CONSTRUCTION PROJECTS</b>							
<b>B R I D G E  P R O J E C T S</b>	<b>BP10.C002</b>	<b>Pipe 120247 St. Stephens Road / Mt. Pleasant Replace Pipes over Butcher Branch</b>	September 2023	Spring 2024	800 K	Kemp Sigmon	NCDOT <b>Michael Mariano</b> 704-983-4380 <b>PROJECT COMPLETED.</b> <small>End Edit 3/25</small>
	<b>B-5372</b>	<b>Bridge 120109 / SR 1706 Kannapolis</b> Bridge on (East First Street) over US 29	Fall 2024	Fall 2026	5.8 M	TBD	NCDOT <b>Garland Haywood</b> 704-983-4400 Project LET in December 2024 and start construction in February 2025. (If awarded.)
	<b>B-5808</b>	<b>Bridge 120057 &amp; 120059 (US 29/601)</b> over Irish Dutch Buffalo Creek near Poplar Tent Road	July 2023	Spring 2027	11.7 M	Dane Construction	NCDOT <b>Brad Eagle</b> 704-983-4380 Phase I structure is complete. Currently constructing Phase II of the new structure.
	<b>B-5813</b>	<b>Bridge 120132 / NC 73</b> over Dutch Buffalo Creek	January 2022	Spring 2024	4.3 M	NJR Group	NCDOT <b>Michael Mariano</b> 704-983-4380 <b>PROJECT COMPLETED.</b> <small>End Edit 3/25</small>
	<b>PROJECTS UNDER DEVELOPMENT</b>						
<b>17BP.10.R.110</b>	<b>Bridge 120105 / E. Gold Hill Road Mt. Pleasant</b> Replace bridge over branch of Big Bear Creek	Spring 2025	Spring 2026	895 K	TBD	NCDOT <b>Garland Haywood</b> 704-983-4400 Project Currently in Design - LET date accelerated in response to additional funding.	
<b>BP10.R047</b>	<b>Bridge 120083 / SR 2408 (Gold Hill Road)</b> over Dutch Buffalo Creek	Winter 2025	Summer 2027	2.85 M	TBD	NCDOT <b>Garland Haywood</b> 704-983-4400 Project Currently in Design - LET date accelerated in response to additional funding.	

	TIP/WBS No#	DESCRIPTION	LET DATE	COMPLETION DATE	CONSTRUCTION COST	CONTRACTOR	PROJECT ADMINISTRATOR	COMMENTS
R O J E C T S	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.
	BP10.R034	Bridge 120073 / SR 2416 (Mt Olive Road) Mt. Pleasant over Branch of Dutch Buffalo Creek	Fall 2026	Summer 2027	1.05 M	TBD	NCDOT Garland Haywood 704-983-4400	Project Currently in Design. Contract LET delayed 2 years due to estimated cost of CON potential and funding source.
	BR-0244	Bridge 120033 / SR 1625 (Rogers Lake Rd.) over Irish Buffalo Creek	Summer 2027	Summer 2028	TBD	TBD	NCDOT Garland Haywood 704-983-4400	Bridge Project was scoped in October 25, 2023 and design underway.
		Bridge 120062 / SR 2180 (Lane St.) over Lake Fisher	Fall 2027	Fall 2028	TBD	TBD	NCDOT Garland Haywood 704-983-4400	Bridge Project was scoped on July 25, 2023 and design work is underway.
	BP10.R015	Bridge 120129 / SR 2635. (Old Airport Road) Concord over Cold Water Creek	Winter 2027	Spring 2029	1.3 M	TBD	NCDOT Garland Haywood 704-983-4400	Project Currently in Design - LET date accelerated in response to additional funding.
	BP10.C003	Bridge 120050 / SR 2113 (Penninger Road) over Br. Of Cold Water Creek	Fall 2029	Fall 2030	\$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.

M U N I	<b>MUNICIPAL PROJECTS</b>							
	<b>ACTIVE CONSTRUCTION PROJECTS</b>							
	<b>PROJECTS UNDER DEVELOPMENT</b>							
	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 2025 LET 2027	2028	11 M	HNTB	NCDOT Terry Burleson 704-983-4400	<b>PROJECT IS ON HOLD</b> Additional funding is needed to move forward.



Cabarrus-Rowan MPO  
Division 10 Transportation Update  
1/6/2025

	TIP/WBS No#	DESCRIPTION	LET DATE	COMPLETION DATE	CONSTRUCTION COST	CONTRACTOR	PROJECT ADMINISTRATOR	COMMENTS
C I P A L	C-5603F	<b>Bethpage Road</b> From South Main Street to Leonard Avenue and from Westgreen Drive to Klondale Avenue sidewalk	Fall 2025	TBD	208 K	TBD	Kannapolis NCDOT <b>Jeff Burleson</b> 704-983-4400	ROW Plans submitted and have been returned for revisions. ROW Auth proposed Spring 25.
	BL-0060	<b>Cox Mill Road Loop</b> Greenway & Bicycle/Ped bridge	Fall 2025	TBD	1.9 M	TBD	Mt Pleasant NCDOT <b>Jeff Burleson</b> 704-983-4400	CON PHASE ONLY Final Plans submitted in November 2024 and have been returned for revisions.
	EB-5844	<b>Little Texas Road</b> Lane Street to Dale Earnhardt Blvd sidewalk	Fall/Winter 2025	TBD	2.1 M		Kannapolis NCDOT <b>Jeff Burleson</b> 704-983-4400	ROW Acquisition in progress.
P R O J E C T S	BL-0087	Elm Ave, Glenn St, Crowell Dr, & Cedar Dr sidewalk	Winter 2025	TBD	1.6 M	TBD	Concord NCDOT <b>Jeff Burleson</b> 704-983-4400	Project Schedule to LET - November 2025. <b>Concord pushed out the let date 1 year due to ROW acquisition issues.</b>
	C-5603I	<b>US 601</b> From Flowe Store Road to Zion Road with US 601 and Flowe Store Road. Sidewalk and intersection improvements	Spring 2026	TBD	1.5 M	TBD	Concord NCDOT <b>Jeff Burleson</b> 704-983-4400	ROW Plans submitted and have been returned for revisions. ROW Auth proposed Spring 25.
	HL-0062	<b>NC 49</b> from Morehead Rd to Cedar Dr-Access Management Improvement	Spring 2026	TBD			Harrisburg NCDOT <b>Jeff Burleson</b> 704-983-4400	Working on Design Firm Rate Contract Execution.
	HL-0063	<b>Caldwell Rd</b> from US 29 to NC 49-Intersection Improvement and Roadway Extension	Spring 2026	TBD	4.2 M	TBD	Harrisburg NCDOT <b>Jeff Burleson</b> 704-983-4400	Project funding were switched to state funds. Working on Design Firm Rate Approval.
	HL-0001	<b>Poplar Tent Road</b> Improvements (Moss Drive to Fullerton PI Drive)	Spring 2026	TBD	3.9 M	TBD	Concord NCDOT <b>Jeff Burleson</b> 704-983-4400	(PE, ROW, CON) Discussing design options and Environmental Document.
S	BL-0086	Hickory Ridge Rd and Stallings Rd sidewalks	Winter 2026	TBD	1.5 M	TBD	Harrisburg NCDOT <b>Jeff Burleson</b> 704-983-4400	Working on PEF rate negotiations. Printed on 1/19/25

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

### PROJECTS UNDER DEVELOPMENT

R-2246A	George Liles Parkway Concord NC 49 to Roberta Road. Widen to Multi-Lanes	R/W 2028 LET 2031	TBD	16.5 M	TBD	NCDOT <b>Dustin Simpson</b> 704-983-4400	PROJECT HAS RESTARTED. Design firm is prepped to resume work.
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## VARIOUS PROJECTS

### ACTIVE CONSTRUCTION PROJECTS

BO-2410A	VARIOUS LOCATIONS - Installation of curb ramps.	August 2024	Spring 2025	250K		NCDOT <b>Tim Kirk</b> 704-983-4400	Project currenty under CON.
2024CPT.10.1 7.20131 - Contract DJ00512	VARIOUS LOCATIONS - 3 sections of secondary roads for Resurfacing/FDR	March 2024	Fall 2025	2.3 M	NJR Group, Inc.	NCDOT <b>Marc Morgan</b> 704-983-4380	Scheduled to start Spring 2025
2024CPT.10.1 2.20132 - Contract DJ00511	VARIOUS LOCATIONS - 9 sections of secondary roads for AST	March 2024	Fall 2025	368 K	Whitehurst Paving Co., Inc.	NCDOT <b>Marc Morgan</b> 704-983-4380	Scheduled to start Spring 2025
2024CPT.10.0 4.20131 - Contract DJ00487	VARIOUS LOCATIONS - 38 sections of secondary roads for Resurfacing	March 2024	Fall 2025	2.7 M	NJR Group, Inc.	NCDOT <b>Marc Morgan</b> 704-983-4380	Scheduled to start Spring 2025
2024CPT.10.0 3.10131 - Contract DJ00486	VARIOUS LOCATIONS - 1 Section of NC 3, 1 Section of NC 24/27 and 3 sections of secondary roads	December 2023	Fall 2025	2.6 M	NJR Group, Inc.	NCDOT <b>Marc Morgan</b> 704-983-4380	Project nearing final completion.
R-5790JH	VARIOUS LOCATIONS - Installation of curb ramps.	November 2023	Summer 2025	690 K	TBD	NCDOT <b>Michael Hedrick</b> 980-523-0080	Project currenty under CON.

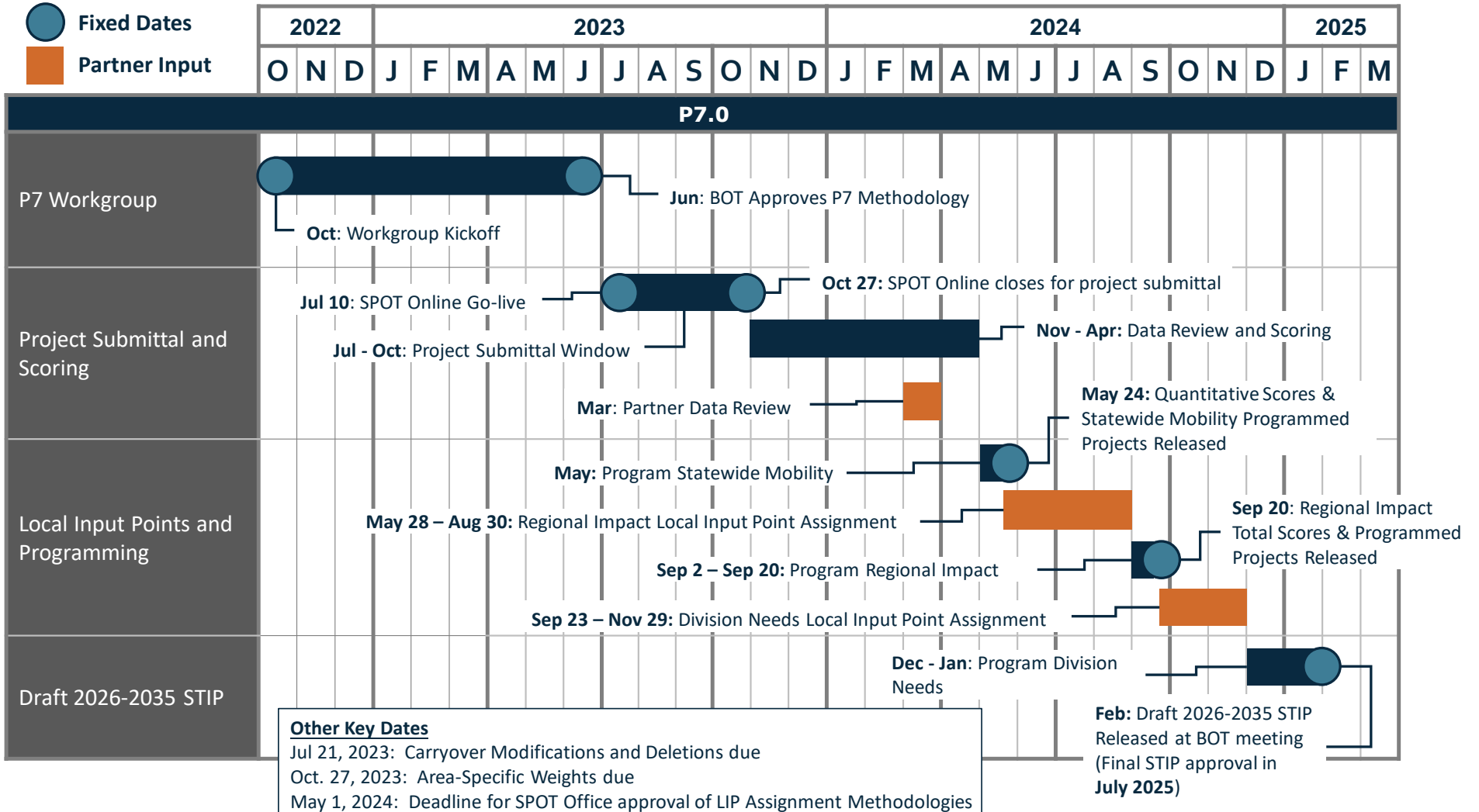
TIP/WBS No#	DESCRIPTION	LET DATE	COMPLETION DATE	CONSTRUCTION COST	CONTRACTOR	PROJECT ADMINISTRATOR	COMMENTS	
<b>U S</b>	<b>R-5790JG 44920.3.15</b>	<b>VARIOUS LOCATIONS - Installation of curb ramps.</b>	April 2023	Fall 2024	486 K	East Construction Co., LLC	NCDOT <b>Michael Hedrick</b> 980-523-0080	<b>PROJECT IS COMPLETE</b> and accepted as of 8/26/2024. End Edit 1/25
	<b>2023CPT.10.1 5.20131 - Contract DJ00453</b>	<b>VARIOUS LOCATIONS - 9 sections of secondary roads</b>	March 2023	Fall 2024	2.4 M	NJR Group, Inc.	NCDOT <b>Marc Morgan</b> 704-983-4380	Project currenty under CON.
	<b>2023CPT.10.1 4.10131 - Contract DJ00447</b>	<b>VARIOUS LOCATIONS - 1 Section of NC 3 and 3 sections of secondary roads</b>	January 2023	Fall 2024	2.3 M	NJR Group, Inc.	NCDOT <b>Marc Morgan</b> 704-983-4380	Project currenty under CON.
<b>PROJECTS UNDER DEVELOPMENT</b>								

# P7 Schedule

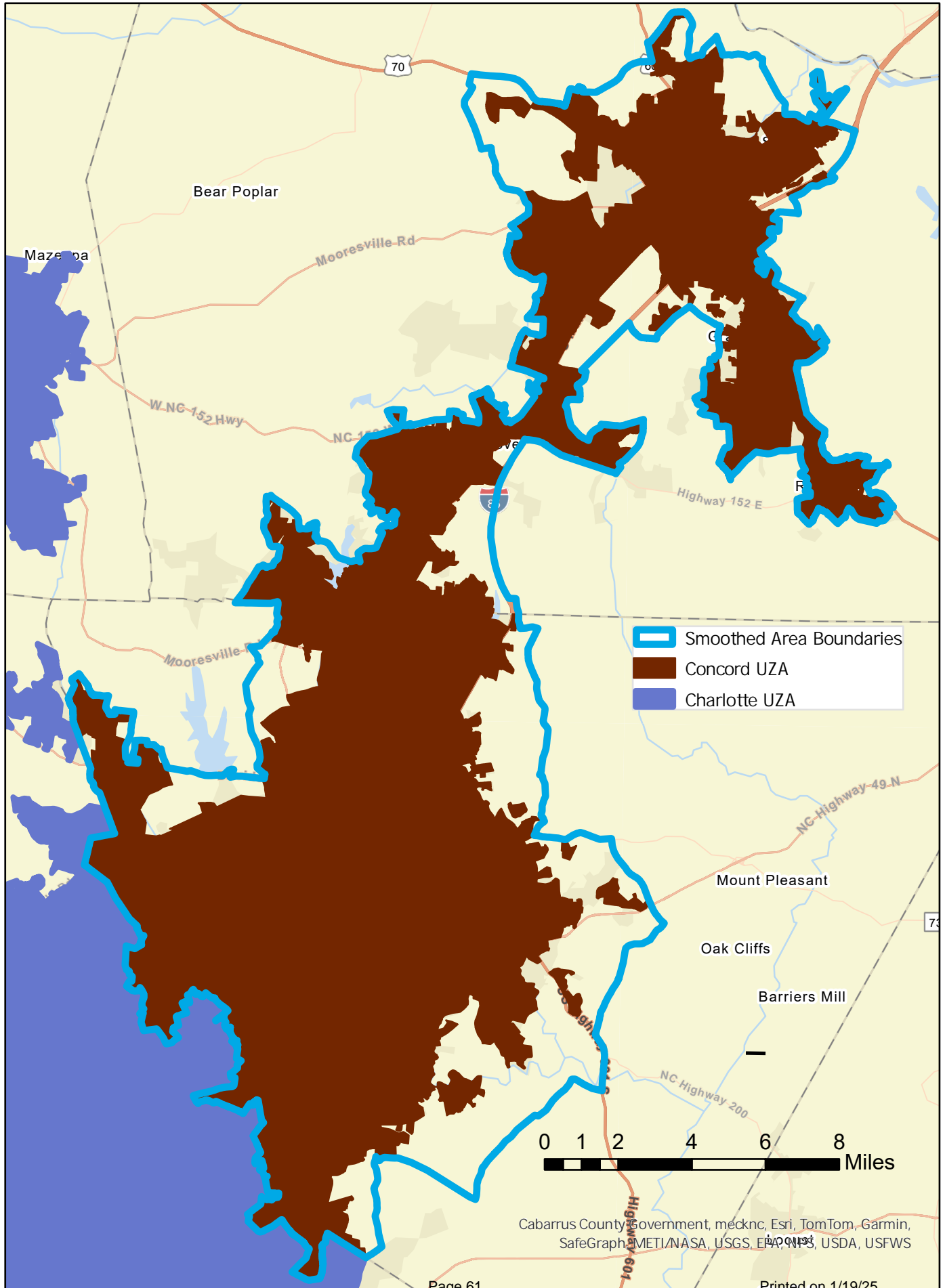
Revised – January 2025

Dates set per P7 Workgroup in October 2022

- Fixed Dates
- Partner Input



# 2020 US Census Smoothed Area Boundary



U.S. Secretary of Transportation  
United States Department of Transportation  
1200 New Jersey Avenue SE  
Washington, DC 20590

To Whom it May Concern:

I would like to express my strong support for the North Carolina Department of Transportation's (NCDOT's) **Bridges not Barriers – A collaborative Bridge Bundle Replacement Project** ("the Project" hereafter) application to the U.S. Department of Transportation's Rebuilding American Infrastructure with Sustainability and Equity (RAISE) Grant Program. The Project offers an opportunity to replace 15 bridges maintained by NCDOT across Division 10 in North Carolina. Division 10 is comprised of Anson County, Cabarrus County, Mecklenburg County, Stanly County, and Union County. The project is part of a coordinated effort to replace primarily rural bridges in disadvantaged communities across the Division.

The Project focuses on the replacement of bridges with a variety of problems including flooding, drift, and/or scour. Four of the bridges are low water bridges and are especially susceptible to extreme weather events. Eleven bridges are load posted and nine of the bridges experience flooding. Nine bridges experience scour, and five experience significant drift that needs to be regularly cleared out, significantly increasing operations and maintenance costs. The bridges range from 42 years to 80 years, with sufficiency ratings between 37 and 73 percent.

The Project will provide an opportunity to replace aged bridges that otherwise might not be replaced in a timely manner due to their prioritization level compared to other bridge projects in the Division. The removal of recurring flooding, scour, and drift issues will reduce regular maintenance, decreasing cost burdens to the State. This will allow NCDOT to stretch resources further and allocate them to other areas in need across the Division and State.

The CabarrusRowan Metropolitan Planning Organization (CR MPO) is the officially designated body responsible for administrating the transportation planning process required under Federal Law. The MPO serves the Cities of Concord, Kannapolis and Salisbury, Cabarrus and Rowan Counties, and the Towns of Landis, China Grove, Harrisburg, Cleveland, Rockwell, Granite Quarry, Mount Pleasant, Faith, Midland, Spencer and East Spencer.

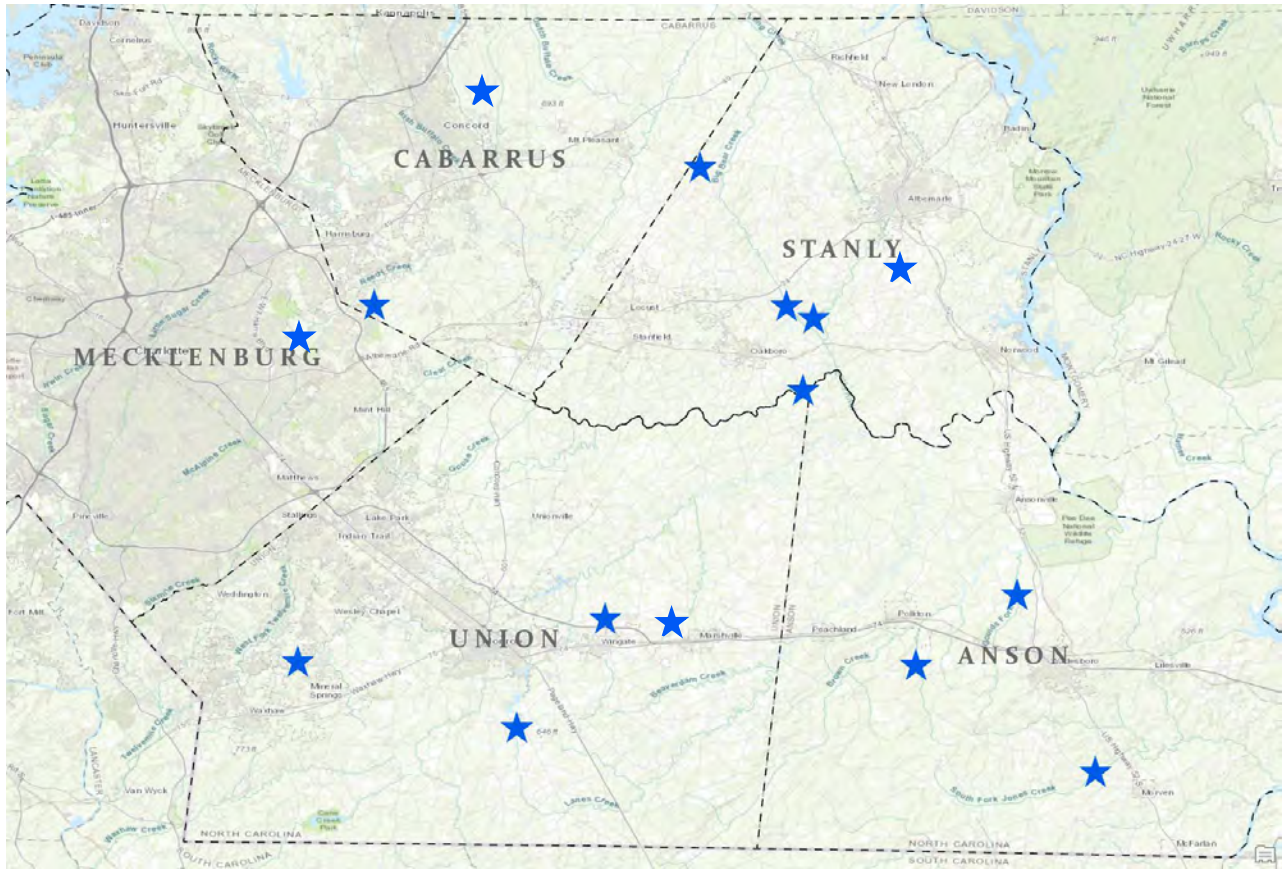
Furthermore, the implementation of the Project is expected to foster increased accessibility to community members and foster improved emergency response that is not burdened by detours in the event extreme weather events. These bridge replacements are extremely important to the local community and region, as well as benefit impoverished residents within the project area. In fact, four bridges are located within disadvantaged census tracts and six are located within Areas of Persistent Poverty.

For these reasons, I, along with those I represent, strongly urge you to support the **Bridges not Barriers – A collaborative Bridge Bundle Replacement Project** and the NCDOT's application for federal Rebuilding American Infrastructure with Sustainability and Equity Grant Program funding to accelerate construction.

Respectfully,

Ron Smith, Chairman  
Cabarrus-Rowan TAC

cc: Secretary Joey Hopkins, NCDOT  
Mr. Brett Canipe, NCDOT Division 10







CABARRUS COUNTY ◦ CHINA GROVE ◦ CLEVELAND ◦ CONCORD ◦ GRANITE QUARRY ◦ HARRISBURG ◦ KANNAPOLIS ◦ LANDIS  
MIDLAND ◦ MOUNT PLEASANT ◦ ROCKWELL ◦ EAST SPENCER ◦ ROWAN COUNTY ◦ SALISBURY ◦ SPENCER ◦ FAITH

January 22, 2025

Secretary Sean Duffy  
US Department of Transportation  
1200 New Jersey Ave, SE  
Washington, DC 20590

Subject: RAISE Grant Letter of Support

Dear Secretary Duffy:

The Cabarrus Rowan Metropolitan Planning Organization (CR MPO) is pleased to offer this Letter of Support for the Town of East Spencer's application to the U.S. Department of Transportation for a Rebuilding American Infrastructure with Sustainability and Equity (RAISE) grant opportunity to support the construction conversion of Correll Street/McCanless Road from an underpass to an interchange on I-85 in Rowan County.

The East Spencer Interchange for a Growth Nexus (DESIGN) project represents a crucial opportunity to address the long-term transportation and economic challenges facing the Town, which is both a Historically Disadvantaged Community (HDC) and an Area of Persistent Poverty (AoPP). This project is a key to addressing East Spencer's long-term transportation barriers. The Town is historically and predominantly African American and was largely cut off from nearby communities to the west by the railroad, to the east by Town Creek, and without direct connections to the south. The Town relied on Long Street to access adjacent communities.

The DESIGN project will enable East Spencer to address many of its long-term challenges. Town residents will benefit from a more direct access to I-85. This access will decrease traffic on Long Street, reducing demand on that aging facility and making bicycle and pedestrian use less problematic. In addition, with interchange funding in place, the Town can pursue electronic vehicle charging stations along with improved bicycle and pedestrian access through the project area, resulting in better access to employment and Hanford-Dole Elementary school. This grant represents an opportunity to transform East Spencer, breaking the cycle of disinvestment and opening pathways to economic prosperity for its residents.

Sincerely,

Ron Smith, Chairman  
Cabarrus-Rowan TAC

cc: Secretary Joey Hopkins, NCDOT  
Mr. John Rhyne, NCDOT Division 9  
Mayor Barbara Mallett, Town of East Spencer  
Mr. Michael Douglas, Town of East Spencer





CABARRUS COUNTY ◦ CHINA GROVE ◦ CLEVELAND ◦ CONCORD ◦ GRANITE QUARRY ◦ HARRISBURG ◦ KANNAPOLIS ◦ LANDIS  
MIDLAND ◦ MOUNT PLEASANT ◦ ROCKWELL ◦ EAST SPENCER ◦ ROWAN COUNTY ◦ SALISBURY ◦ SPENCER ◦ FAITH

January 22, 2025

Secretary Sean Duffy  
US Department of Transportation  
1200 New Jersey Ave, SE  
Washington, DC 20590

Subject: Intercity Passenger Rail Grant Program Letter of Support

Dear Secretary Duffy:

The Cabarrus Rowan Metropolitan Planning Organization (CR MPO) is pleased to offer this Letter of Support for the Town of Harrisburg's application to the U.S. Department of Transportation for a FY24 Federal-State Partnership for Intercity Passenger Rail grant opportunity to construct a new inter-city passenger station, which would serve as an independent stop on multiple rail lines with the capability to serve both north and south bound trains.

The North Carolina Department of Transportation (NCDOT) Rail Division's 2015 Comprehensive State Rail Plan identified the Harrisburg Passenger Rail Station as one of the top needed stations on the southeast corridor to improve passenger rail services. The station was identified as a long-term goal project along with another station in Lexington, which has since been built. "Adding these stations and frequencies are consistent with the Governor's 25-Year Vision for improving transit options within high growth areas and expanding access to passenger rail options to additional regions." Further, the North Carolina Railroad Company (NCRR) has identified Harrisburg as one of its most important locations for a new passenger rail station, citing the need to service the growing Harrisburg community as well as the growing University City area northeast of Charlotte's center-city. The station will be located a short distance from Harrisburg Town Center and nearly equidistant between the Charlotte and Kannapolis stations, providing more value and flexibility to the intercity regional connection between Raleigh and Charlotte as well as longer distance interstate routes. The station will be serviced by Amtrak and will be part of the 'Piedmont' and 'Carolinian' train service routes. This grant opportunity represents a significant investment for the Town of Harrisburg and MPO area.

Sincerely,

Ron Smith, Chairman  
Cabarrus-Rowan TAC

cc: Secretary Joey Hopkins, NCDOT  
Mr. Brett Canipe, NCDOT Division 10  
Mr. Rob Donham, Town of Harrisburg  
Mr. Devin Huston, Town of Harrisburg

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

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

**Programmed Amount: \$45250**

**17% of staff budget**

### **II-A-1 Networks and Support Systems Total: \$ 10000**

- 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 2055 MTP, socioeconomic data, and other NCDOT-generated GIS layers.

### **II-A-2 Travelers and Behavior Total: \$ 16592**

- 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: \$ 18658**

- 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: \$110000**

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

### **II-B-1 Targeted Planning Total: \$ 55000**

- Participate in IIJ Act related trainings and workshops
- Complete 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: \$ 55000**

- 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 as a proxy for the whole planning area

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





Cabarrus-Rowan MPO FY 2025-2026 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	<b>Data and Planning Support</b>	\$ 9,050	\$ 36,200	\$ 45,250														
44.22.00	II-A-1	Networks and Support Systems	\$ 2,000	\$ 8,000	\$ 10,000				\$10,714	\$10,714	\$85,715	\$107,143							
44.23.01	II-A-2	Travelers and Behavior	\$ 3,318	\$ 13,274	\$ 16,592														
44.23.02	II-A-3	Transportation Modeling	\$ 3,732	\$ 14,926	\$ 18,658														
	II-B	<b>Planning Process</b>	\$ 22,000	\$ 88,000	\$ 110,000	\$ -	\$ 9,000	\$ 9,000											
44.23.02	II-B-1	Targeted Planning	\$ 11,000	\$ 44,000	\$ 55,000														
44.23.01	II-B-2	Regional Planning	\$ 11,000	\$ 44,000	\$ 55,000														
		Safe and Accountable Transportation Options				\$ -	\$ 9,000	\$ 9,000											
44.27.00	II-B-3	Special Studies																	
	III-A	<b>Planning Work Program</b>	\$ 2,400	\$ 9,600	\$ 18,000														
44.21.00	III-A-1	Planning Work Program	\$ 1,000	\$ 4,000	\$ 10,000														
44.24.00	III-A-2	Metrics and Performance Measures	\$ 1,400	\$ 5,600	\$ 8,000														
	III-B	<b>Transp. Improvement Plan</b>	\$ 5,700	\$ 22,800	\$ 28,500														
44.25.00	III-B-1	Prioritization	\$ 3,200	\$ 12,800	\$ 16,000														
44.25.00	III-B-2	Metropolitan TIP	\$ 1,500	\$ 6,000	\$ 7,500														
44.25.00	III-B-3	Merger/Project Development	\$ 1,000	\$ 4,000	\$ 5,000														
	III-C	<b>Cvl Rgts. Cmp./Otr .Reg. Reqs.</b>	\$ 4,500	\$ 18,000	\$ 22,500														
44.27.00	III-C-1	Title VI Compliance	\$ 500	\$ 2,000	\$ 2,500														
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	\$ 3,000	\$ 12,000	\$ 15,000														
44.27.00	III-C-7	Private Sector Participation																	
	III-D	<b>Statewide &amp; Extra-Regional Planning</b>	\$ 26,500	\$ 106,000	\$ 132,500														
44.27.00	III-D-1	Statewide & Extra-Regional Planning	\$ 26,500	\$ 106,000	\$ 132,500														
	III-E	<b>Management Ops, Program Suppt Admin</b>	\$ 26,500	\$ 106,000	\$ 132,500														
44.27.00		Management Operations	\$ 26,500	\$ 106,000	\$ 132,500														
44.27.00		Program Support Administration	\$ -	\$ -	\$ -														
		<b>TOTALS</b>	\$ 96,650	\$ 386,600	\$ 489,250	\$ 0	\$ 9,000	\$ 9,000	\$10,714	\$10,714	\$85,715	\$107,143	\$ 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%	2,000
Section 104 (f) PL, FHWA 80%	8,000
Section 5303 Local 10%	10,714
Section 5303 NCDOT 10%	10,714
Section 5303 FTA 80%	85,715
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 2025-26**

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	\$70,114	\$87,643

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%	\$ 27,632
Rowan County	81,117	21.77%	\$ 21,298
Kannapolis	53,114	14.25%	\$ 13,946
Cabarrus County	52,396	14.06%	\$ 13,757
Salisbury	35,540	9.54%	\$ 9,331
Harrisburg	18,967	5.09%	\$ 4,980
Midland	4,684	1.26%	\$ 1,230
China Grove	4,434	1.19%	\$ 1,164
Landis	3,690	0.99%	\$ 969
Spencer	3,308	0.89%	\$ 869
Granite Quarry	2,984	0.80%	\$ 783
Rockwell	2,302	0.62%	\$ 604
Mount Pleasant	1,671	0.45%	\$ 439
E. Spencer	1,567	0.42%	\$ 411
Cleveland	846	0.23%	\$ 222
Faith	819	0.22%	\$ 215
<b>Total</b>	<b>372,679</b>		<b>\$ 97,850</b>



# MAIN STREET AND DEPOT STREET

*Downtown Cleveland*



## Improvement Type

Parking and Crosswalk Markings, Sidewalk and Curb Ramp Reconstruction, Speed Limit Reduction

## Cost Estimate\*

~\$576,000 in 2024 dollars

~\$140,000 for Design

~\$12,000 for ROW

~\$54,000 for Utilities

~\$370,000 for Construction

\*The planning-level cost estimate was primarily developed using the P7 NCDOT Bicycle-Pedestrian Cost Estimation Tool. This tool assesses a wide variety of factors and characteristics of a project to generate a cost estimate that includes design, right-of-way acquisition, utilities work, and construction. During the preliminary engineering phase of a project, a more accurate cost estimate should be created.

## Current Condition

The intersection of Main Street and Depot Street marks the center of Downtown Cleveland. The intersection is surrounded primarily by small downtown shops and homes, mostly lining Main Street.

Main Street is lined with unmarked on-street parking on the south side in front of the post office and other shops. Because the parking is not marked, the eastbound side of Main Street is over 18 feet wide approaching the intersection. This can lead to drivers speeding through the downtown. Depot Street also appears to have unmarked on-street parking.

While sidewalks do exist along Main Street and South Depot Street, they are narrow and in poor condition. In addition, the crossing at Main Street and Depot Street is currently unmarked. Cleveland recently added ADA curb ramps where sidewalks meet the intersection; however, three of four ramps are only positioned for people crossing Depot Street, with no provisions for safely crossing Main Street. In addition, the sidewalks on the north side of Main Street do not line up with each other, forcing an indirect diagonal crossing.

## Recommendations

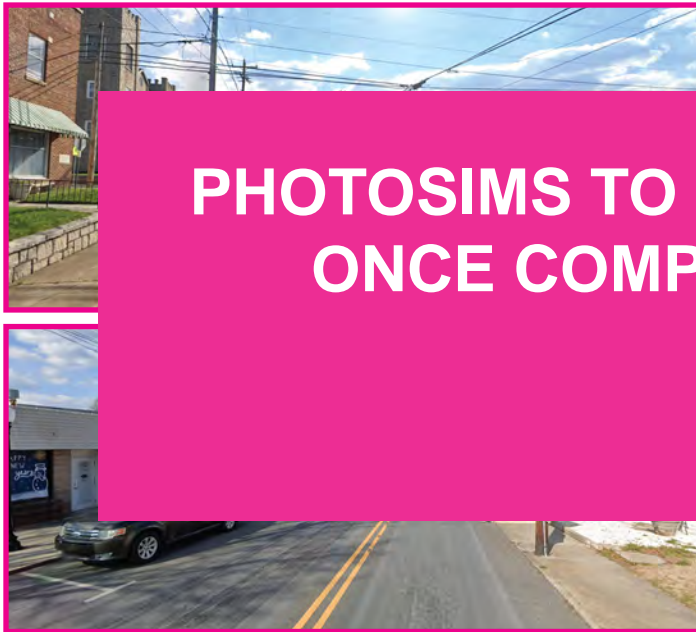
The Main Street and Depot Street crossing should be striped with high visibility markings on all four sides of the intersection, with the northwest, northeast, and southeast curb ramps updated to ADA standards. The northern crossing should be realigned by reconstructing the northeast corner. Sidewalks surrounding the intersection should be improved or reconstructed, especially on South Depot Street where existing sidewalks are in the worst condition.

In addition, parking spaces on both Main Street and Depot Street should be clearly delineated as separate from travel lanes. Adding curb extensions at the intersection would help provide additional space for people walking, safer crossings, and a more pleasant streetscape. South Depot Street is wide enough to accommodate both widened sidewalks and clearly delineated on-street parking. Parking and sidewalk improvements should include provisions for future sidewalks north along North Depot Street into the neighborhood north of downtown.

Today Main Street through Cleveland is lined with homes and rows of small shops. Reducing the speed limit from 35 miles per hour to 25 through Downtown Cleveland would help Main Street act more like a community road, being safer for pedestrians and better fitting the surrounding context.

# Photosimulations

Existing Conditions



Photosimulations of Preferred Future Design

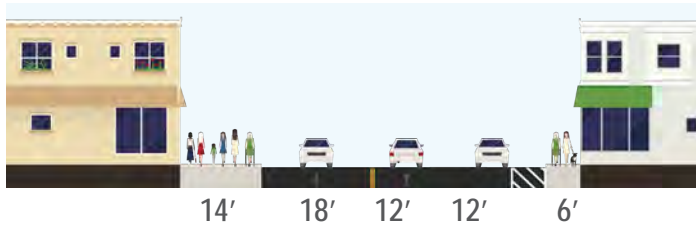


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ONCE COMPLETE**

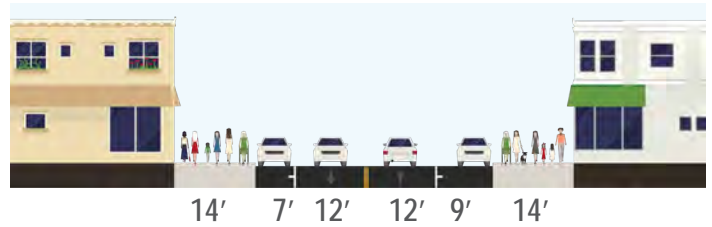
## Illustrative Cross-Sections

*Main Street (West Side of Intersection)*

*Illustrative Current Cross-Section*

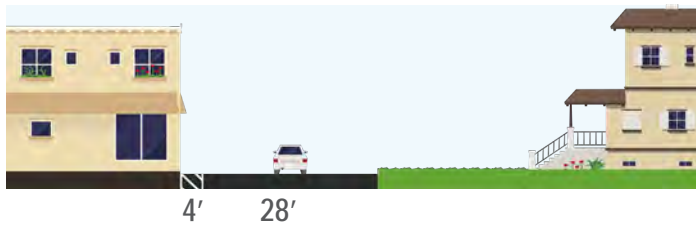


*Illustrative Preferred Cross-Section*

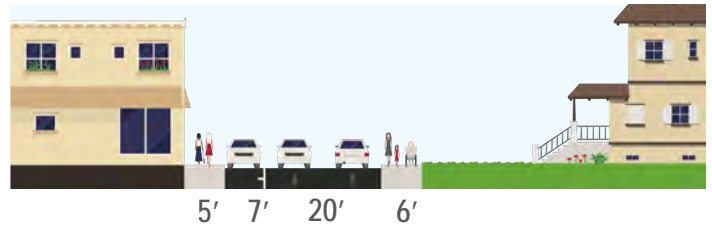


*North Depot Street (North Side of Intersection)*

*Illustrative Current Cross-Section*



*Illustrative Preferred Cross-Section*



## Additional Constraints and Challenges

Reconstructing the northeast curb will likely require relocation of the utility pole at the corner and may encroach partially onto the property of the neighboring house.

If the crossing will remain unsignalized, warning signage should be added prior to the intersection on Main Street and Maple Street alerting drivers of the upcoming crosswalk.

The striping of parking lanes would need to be designed to retain entrances to parking lots on the southwest and southeast corners of the intersection.



# Town of Rockwell Multimodal Demonstration Project

## MAIN STREET (US 52)

Sunset Drive to Broad Street



### Improvement Type

New Sidewalks/Sidewalk Reconstruction, Traffic Signals, Crosswalk Markings

### Cost Estimate\*

~\$2,196,000 in 2024 dollars

~\$440,000 for Design

~\$13,000 for ROW

~\$343,000 for Utilities

~\$1,400,000 for Construction

\*The planning-level cost estimate was developed using the P7 NCDOT Bicycle-Pedestrian Cost Estimation Tool and adjusted to 2024 dollars. This tool assesses a wide variety of factors and characteristics of a project to generate a cost estimate that includes design, right-of-way acquisition, utilities work, and construction. During the preliminary engineering phase of a project, a more accurate cost estimate should be created.

## Current Condition

Main Street (US 52) serves as the primary roadway through Rockwell, connecting to Salisbury and Granite Quarry to the north and Gold Hill and Richfield to the southeast. Main Street also acts as the primary roadway serving Rockwell's downtown. The corridor is mostly lined with small scale retail, homes, and churches. Additional retail is located at the westernmost end of the corridor, including a strip mall with a Food Lion. Rockwell Elementary is also located along the corridor, with the Rockwell School Drive/Division Street and Link Street intersections as major access points for the school.

Main Street (US 52) has two 12' through lanes and a 12' bi-directional center turn lane west of Market Street and two extra wide through lanes from just east of Market Street to Broad Street. The corridor has a speed limit of 35 miles per hour through the downtown area. The Rowan-Cabarrus Comprehensive Transportation Plan (CTP) does not show any expected roadway improvements along the corridor.

Within this portion of Main Street, the only existing marked crosswalk across Main Street is at Division Avenue/Rockwell School Drive, near Rockwell Elementary. Currently, none of the signalized intersections have pedestrian signals. While the Market Street and Depot Street intersections have curb ramps, several ramps are only properly angled for crossing Main Street and have no accessible provision for crossing the cross street.

The northern/eastern side of Main Street is lined with narrow sidewalks along almost the entire corridor, stopping short of Sunset Drive, while the southern/western side only has narrow sidewalks east of Link Street. Both stretches of sidewalks are frequently obstructed by utility poles.

# Recommendations

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## **Main Street Corridor from Sunset Drive to Link Street**

Sidewalks should be improved, completed, or added along both sides of Main Street from Sunset Drive to Link Street. This includes extending the north/east sidewalk to the Sunset Drive intersection and adding sidewalks on the south/west side between Link Street and Sunset Drive.

## **Sunset Drive at Main Street**

A signalized pedestrian crossing should be added at the Sunset Drive traffic light to allow people from neighborhoods west of Main Street to cross and reach CVS and Food Lion safely.

## **Division Avenue at Main Street**

A Pedestrian Hybrid Beacon should be added at the existing crosswalk across Main Street at Division Avenue to improve the safety of crossings to Rockwell Elementary. The crossing across Division Avenue should also be marked.

## **Link Street at Main Street**

A new traffic signal with pedestrian signals should be added at Link Street. A new crosswalk should also be added across Main immediately west of the intersection to ensure safe crossings to Rockwell Elementary.

## **Lentz Street at Main Street**

Due to the staggered roadway alignments, it may be difficult to find the right location for a crosswalk at Lentz Street. One option is to add a crossing with median island immediately west of Shinn Street, minimizing disruptions to left turn lanes while providing a safer place for crossing pedestrians to wait. A Pedestrian Hybrid Beacon is appropriate for this location.

## **Market Street at Main Street**

Crosswalks at Market Street should be marked. The southwest corner alongside the Rockwell Cafe should be improved to better accommodate pedestrians, including curb ramps and sidewalks.

## **Broad Street/Depot Street at Main Street**

A full four way crossing with added pedestrian signals should be added at Main/Broad/Depot, with improvements to the curb ramps to accommodate pedestrians crossing Main Street.

## **Overall Considerations**

All crosswalks should be marked or re-marked with high visibility zebra markings. This style of crosswalk is broadly more visible to drivers and is less likely to fade quickly from wear and tear than simple horizontal lines. All curb ramps should be built or upgraded to ADA standards.

# Additional Constraints and Challenges

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Due to the additional lane for school buses, the crosswalk across Link Street is currently very long and crosses wide lanes. This could pose safety issues for people crossing here, especially with the location's proximity to Rockwell Elementary. It may be worth extending the striping separating the bus lane to the intersection to narrow the appearance of Link Street for non-school bus traffic and shorten the crossing for pedestrians.

There are several properties with parking lots that come right up to the travel lanes at the Market Street and Broad Street intersections. Improvement of sidewalks and curb ramps will impact properties of the Rockwell Cafe at Market St and 103 Main Street at Broad Street/Depot Street. Both locations may require utility relocation to complete. There is enough room with extra wide lanes in front of 103 Main Street to move the curb outwards to minimize impact to the existing property, but this may require additional costs for moving the curb.

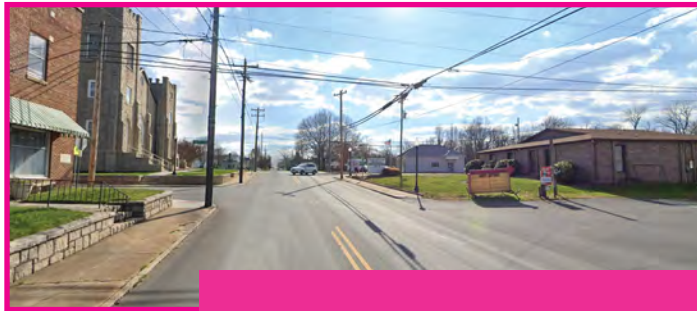
Main Street is shown as a bicycle route between Link Street and Broad/Depot Streets in the Rowan-Cabarrus CTP. Despite the corridor's wide travel lanes, there does not appear to be space within the existing roadway for added bike lanes unless the center turn lane is removed. Future work on the sidewalks in this area could potentially include strategic widening of one sidewalk to a shared use path (~8' to 10' width) to provide bicycle accommodations along this stretch without needing to move the curb.

Significant portions of the existing sidewalks between Link Street and downtown Rockwell are obstructed by utility poles. In order to make the entire corridor fully accessible, these utility poles would need to be relocated, potentially requiring additional right of way or curb relocation. As this report only focuses on specific intersections along this section of Main Street, this broader utility relocation was not included in the estimated project cost.



# Photosimulations

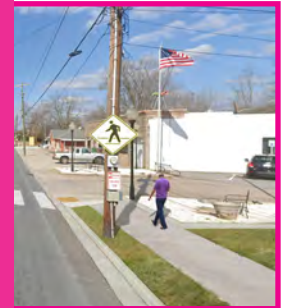
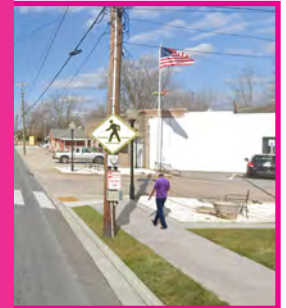
## Existing Conditions



## Photosimulations of Preferred Future Design



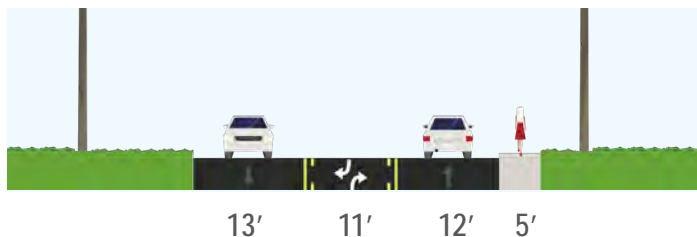
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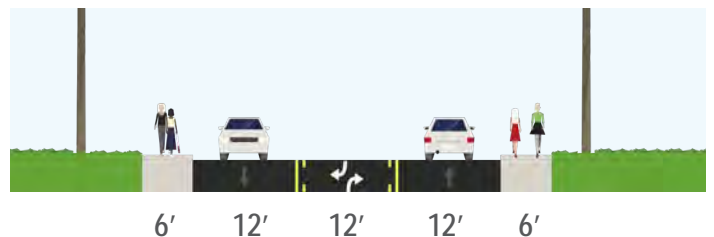
## Illustrative Cross-Section

### Main Street between Sunset Drive and Link Street

#### Illustrative Current Cross-Section



#### Illustrative Preferred Cross-Section



	RIDER TRANSIT						RIDER ADA PARATRANSIT					
	2019	2020	2021	2022	2023	2024	2019	2020	2021	2022	2023	2024
January	35154	32795	19946	13670	26317	26781	1014	1233	1064	1291	1877	1755
February	32851	31073	23498	20251	25535	28616	1001	1238	1065	1358	1459	1717
March	35038	25626	36652	23914	28482	31228	1066	887	1558	1626	1781	1626
April	33822	15732	36209	24336	26145	32730	1117	550	1555	1474	1565	1647
May	36735	18489	36769	24130	28,564	32,920	1015	687	1464	1542	1609	1523
June	36931	22239	35573	26036	27521	32708	918	997	1370	1638	1629	1410
July	37265	22975	27155	24640	27290	33752	956	1065	1305	1476	1536	1432
August	38455	22020	27824	26857	31323	37532	1041	1191	1233	1740	1978	1595
September	35590	21712	27014	27278	27870	33401	1076	1231	1286	1553	1511	1466
October	37727	24501	28779	27419	29829	38060	1175	1024	1304	1550	1728	1625
November	32930	22073	25692	25003	27854	33670	1132	959	1424	1731	1594	1428
December	32848	19994	24882	24418	26707		1049	1044	1463	1651	1465	
<b>Totals</b>	<b>425346</b>	<b>279229</b>	<b>349993</b>	<b>287,952</b>	<b>333,437</b>	<b>361,398</b>	<b>12560</b>	<b>12106</b>	<b>16091</b>	<b>18630</b>	<b>19732</b>	<b>17224</b>

	SALISBURY TRANSIT SYSTEM						SALISBURY ADA PARATRANSIT					
	2019	2020	2021	2022	2023	2024	2019	2020	2021	2022	2023	2024
January	11588	10836	4631	6274	7251		669	662	605			
February	10819	10426	4495	6350	7028		664	587	553			
March	10813	8444	5069	6798	7748		621	641	711			
April	11383	4344	5058	7895	7140		629	442	737			
May	15528	4230	4698	12549	18248		754	505	673			
June	10983	5406	5225	7338	8482		698	618	762			
July	12228	5987	6240	7481			855	605	680			
August	13186	5505	6527	8600			854	495	682			
September	11472	5350	6081	7825			827	529	659			
October	12645	5758	6087	7295			801	590	639			
November	12742	4384	5667	7443			644	545	613			
December		5416	7190	6697				718	703			
<b>Totals</b>	<b>133387</b>	<b>76086</b>	<b>66968</b>				<b>8016</b>	<b>6937</b>	<b>8017</b>			

Data Provided by Transit Systems is Current as of  
December 2024

# NCDOT TPD NEWS



## Traffic Forecasts (TF)

Project Level Traffic Forecasting is an essential part of the planning process. The traffic forecast informs the design of STIP projects. Currently, there are no ongoing traffic forecasts in the CRMPO region. Please click [here](#) for ongoing and recent forecasts.

## Grant Opportunities

### New Funding Opportunity: USDOT RAISE Grant Program

The USDOT Rebuilding American Infrastructure with Sustainability and Equity (RAISE) program provides grants for surface transportation infrastructure projects with significant local or regional impact. Eligible projects include capital projects and planning projects. Deadline: January 30, 2025.

([https://www.transportation.gov/sites/dot.gov/files/2024-10/RAISE%202025%20NOFO\\_%20Signed.pdf](https://www.transportation.gov/sites/dot.gov/files/2024-10/RAISE%202025%20NOFO_%20Signed.pdf))

### New Funding Opportunity: America Walks Community Change Grants Program

America Walks will support the Community Change Grant program, which supports the growing network of champions, organizations, and agencies working to advance walkability. Small grants are awarded to innovative, engaging, and inclusive programs and projects that can create a real, tangible opportunity for walking and movement at the community level. Applications will open on Monday, December 16th and close on Friday, January 17th.

([https://docs.google.com/forms/d/e/1FAIpQLSdTrYD9jXqAB-jQXwPAYupq8bkYYkiHBuLhoto-8-mgw1Pm\\_g/viewform](https://docs.google.com/forms/d/e/1FAIpQLSdTrYD9jXqAB-jQXwPAYupq8bkYYkiHBuLhoto-8-mgw1Pm_g/viewform))

## NCDOT Mission Statement

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

## 2025 NCAMPO Conference

Wilmington, NC will host the 2025 NCAMPO Conference from April 15 – 17. The theme will be "Bridging the Gap: Embracing Change and Delivering Innovation."

The conference will be held at the Hotel Ballast. There are 100 rooms blocked at the Hotel Ballast for NCAMPO Conference attendees.

(<https://www.ncampo.org/ncampo-state-conference/>)

## Release of NEVI Round 2 RFP GIS-based map of Proposed Charging Locations

State officials have published a map online with the proposed locations for the second set of electric vehicle charging stations that will be funded through the National Electric Vehicle Infrastructure Program.

NCDOT has worked to optimize these locations based on the 50-mile spacing requirement. NCDOT has released this map ahead of the Request for Proposal to facilitate planning by applicants wishing to construct and operate EV charging stations using the NEVI funding. A Request for Proposal (RFP) and application process will be issued in 2025.

NEVI Program Website - (<https://www.ncdot.gov/initiatives-policies/environmental/climate-change/NEVI/Pages/default.aspx>)

Key Details and Links - (<https://www.ncdot.gov/initiatives-policies/environmental/climate-change/NEVI/Documents/ncdot-nevi-round-2-key-details.pdf>)

## Contact Us

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 Raleigh, NC 27601  
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[elstupka@ncdot.gov](mailto:elstupka@ncdot.gov)

Visit us on the web at  
[www.ncdot.gov](http://www.ncdot.gov)

Upcoming	Date
Reminder that TAC members must file their ethics info by April 15th	January 1, 2025
2nd Quarter 5303 Claim	January 30, 2025
Draft FY26 UPWP due	January 31, 2025
2nd Quarter invoice and work summary due	February 10, 2025

### NCDOT Statewide Plans:

To learn more, click on the following links or go to [ncdot.gov](http://ncdot.gov) and search using names in blue unless otherwise noted:

- [NC Moves 2050 Plan](#)
- [NCDOT Strategic Transportation Corridors](#)
- [NCDOT Comprehensive State Rail Plan \(25-Year Vision\)](#)
- [NC Statewide Multimodal Freight Plan \(2023\)](#)
- [NCDOT: Integrated Mobility Division - Great Trails State Plan](#)
- [NCDOT: Integrated Mobility Division - Statewide Strategic Plan](#)
- [NCDOT Resilience Strategy Report \(2021\)](#)
- [Statewide Pedestrian & Bicycle Plan \(2013\)](#)
- [Strategic Highway Safety Plan \(2024\)](#)

### Other Plans:

- [N.C. Climate Risk Assessment and Resilience Plan by Department of Environmental Quality](#) (or Google search: 2020-Climate-Risk-Assessment-and-Resilience-Plan.pdf)
- [NC FIRST Commission](#)

### Helpful Links:

To learn more, click on the following links or go to [ncdot.gov](http://ncdot.gov) and search using names in blue unless otherwise noted:

- NCDOT home page—[ncdot.gov](http://ncdot.gov)
- Real-Time Traffic—[drivenc.gov](http://drivenc.gov) | [North Carolina Traffic & Travel Information](#)
- Report a pothole—[NCDOT Contact Us Form](#) (ncdot.gov & search “Report a pothole”)
- NCDOT: State Transportation Improvement Program - [ncdot.gov/sti](http://ncdot.gov/sti)
- Interactive Bicycle Routes Map—<https://www.ncdot.gov/bikeped/ncbikeways/default.aspx>—
- Links to all traffic count data information - [Traffic Survey Group \(connect.ncdot.gov & then search\)](#)
- NCDOT Interactive Traffic Volume Map—[Traffic Volume Maps \(ncdot.gov\)](#)
- Traffic Safety Data & Engineering—[NCDOT: Traffic Safety Data & Engineering](#)
- Federal Functional Classification Map—[NCDOT Functional Class Map \(ncdot.maps.arcgis.com\)](#)



## FHWA Updates –January 2025

### Fiscal Year 2025 Appropriations Approved Through March 14, 2025

On December 21, 2024, the President signed a [continuing resolution](#) to approve Federal funding programs for fiscal year (FY) 2025 through March 14, 2025.

### U.S. DOT Announces \$130 Million in Awards for SMART Grants Program

On December 16, 2024, the U.S. Department of Transportation (DOT) [announced](#) more than \$130 million in awards from the [Strengthening Mobility and Revolutionizing Transportation \(SMART\) Grants Program](#). The U.S. DOT awarded \$54 million in Stage 1 Planning and Prototyping grants to 34 projects in 21 States, and \$85 million in Stage 2 Implementation grants to 8 projects in 10 States. More information is available [here](#).

### FHWA Announces \$125 Million in Awards for Wildlife Crossings Pilot Program

On December 20, 2024, Federal Highway Administration (FHWA) [announced](#) \$125 million in awards from the [Wildlife Crossings Pilot Program](#). FHWA awarded grants to 16 projects in 16 States to improve safety for motorists and wildlife by reducing vehicle collisions with wildlife while also improving habitat connectivity and supporting the survival of threatened or endangered species. More information is available [here](#).

### FHWA Announces \$24 Million in Awards for Prioritization Process Pilot Program

On December 2, 2024, FHWA announced more than \$24 million in awards from the [Prioritization Process Pilot Program \(PPPP\)](#). FHWA awarded grants to 16 projects in 14 States for developing and implementing publicly accessible, transparent, data-driven prioritization processes for long-range transportation plans and near-term improvement programs. More information is available [here](#).

### FHWA Announces \$1.7 Million in Awards for Roadside Pollinator Program

On December 5, 2024, FHWA announced more than \$1.7 million in awards from the [Pollinator-Friendly Practices on Roadsides and Highway Rights-of-Way Program](#). FHWA awarded grants to 12 projects in 10 States and the District of Columbia for carrying out activities that benefit pollinators on roadsides and highway rights-of-way. More information is available [here](#).

### FHWA Announces \$3 million in Awards for Highway Use Tax Evasion Program

On December 6, 2024, FHWA announced more than \$3 million in awards from the [Highway Use Tax Evasion \(HUTE\) Program](#). FHWA awarded grants to 7 projects in 6 States for identifying and combating the evasion of fuel taxes at the Federal and State level. More information is available [here](#).

### Application Deadlines Approaching for Other U.S. DOT Discretionary Grant Opportunities

Please be aware of the approaching application deadlines for the following discretionary grant opportunities from the U.S. DOT:

- [January 9 – Regional Infrastructure Accelerator \(RIA\) Program](#).
- [January 30 – Rebuilding American Infrastructure with Sustainability and Equity \(RAISE\) Grant Program](#).
- [February 24 – Promoting Resilient Operations for Transformative, Efficient, and Cost-Saving Transportation \(PROTECT\) Discretionary Grant Program](#).

## EPA Initiates Two-Year Grace Period for MOVES5 Model

On December 11, 2024 the Environmental Protection Agency (EPA) published a notice in the Federal Register [[89 FR 99862](#)] to announce the availability of the latest major release of the MOtor Vehicle Emission Simulator (MOVES) model, MOVES5, for official purposes outside of California. EPA's announcement of the MOVES5 emissions model for state implementation plans and transportation conformity determinations in states other than California starts a two-year transportation conformity grace period that ends on December 11, 2026. After this date, MOVES5 will need to be used as the latest EPA emissions model for new transportation conformity analyses outside of California in both regional emissions analyses and in hot-spot analysis. More information is available [here](#).

## New Resources and Publications from the U.S. DOT

The U.S. DOT recently published the following resources:

- [Action Plans for Implementing the U.S. National Blueprint for Transportation Decarbonization.](#)
- [Connected, Automated, and Electric: Modeling Traffic and Traveler Choice Considering the Three Mega-Trends.](#)
- [Every Day Counts Call for Ideas by February 4, 2025.](#)
- [Exploring Risk Factors to Disparities in Pedestrian and Bicyclist Fatalities and Serious Injuries.](#)
- [Exploring the Effects of Vehicle Automation and Cooperative Messaging on Mixed Fleet Eco-Drive Interactions.](#)
- [Final Rule for Transportation for Individuals With Disabilities; Adoption of Accessibility Standards for Pedestrian Facilities in the Public Right-of-Way.](#)
- [Future Effective Capacity: Assessing Traffic Flow Impacts for Variable Levels of Automation and Market Acceptance.](#)
- [Making Good on the Potential of the Bipartisan Infrastructure Law: Thought Leadership Series Final Report.](#)
- [Request for Information on US DOT's Transportation Community Explorer \(TC Explorer\) Tool and Index Methodology.](#)
- [Section 139 Efficient Environmental Reviews for Project Decisionmaking and One Federal Decision Interim Final Guidance.](#)
- [Updated Implementation Guidance Under Section 11206 of the Bipartisan Infrastructure Law - Increasing Safe and Accessible Transportation Options \(November 22, 2024\).](#)

## New Research from the National Cooperative Highway Research Program

The National Cooperative Highway Research Program (NCHRP) recently published the following research:

- [Design Options to Reduce Conflicts Between Turning Motor Vehicles and Bicycles.](#)
- [Reducing Conflicts Between Turning Motor Vehicles and Bicycles.](#)

## Upcoming Webinars

Here is the registration information for some upcoming webinars:

- [January 13 – Action Plans for Implementing the U.S. National Blueprint for Transportation Decarbonization.](#)
- [January 15 – Navigating Climate Challenges: Enhancing Transportation Resilience.](#)



# 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)

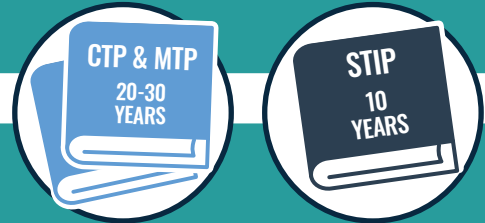
In North Carolina, there are 19 Metropolitan Planning Organizations (MPOs). MPOs represent urban areas of 50,000 or more residents and are organizations that make transportation plans and policies at the regional level. They must have a continuing, cooperative and comprehensive ("3C") transportation 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.

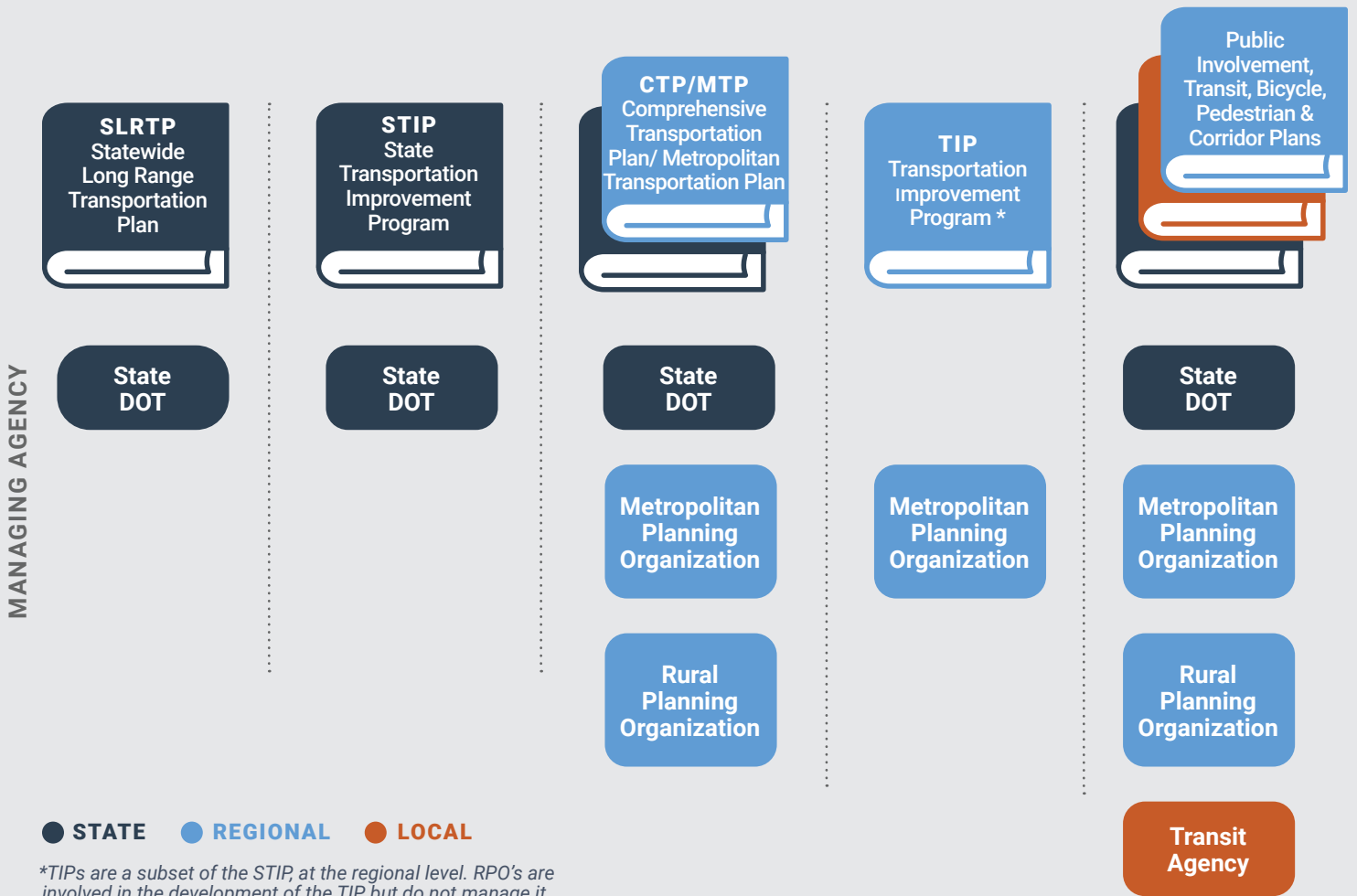
# Types of Transportation Plans

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:

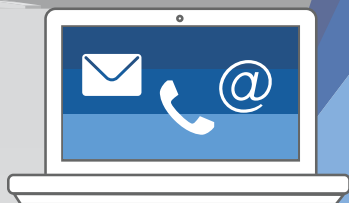
- Attend public meetings and talk with NCDOT staff to understand the potential impacts and schedule of projects. Help communicate the potential impacts and schedule to your constituents as the project moves along.
  - It is also important to understand what transportation projects might be upcoming in 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



## 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)