

**Cabarrus Rowan Urban Area
Metropolitan Planning Organization
Technical Coordinating Committee**

Wednesday August 21, 2024
10:00 AM to 12:00 noon

VIRTUAL MEETING

Agenda

- 1) Call to Order & Quorum** **TCC Chairman Muire**
 - Roll Call of Voting Members & Introduction of Guests
 - Adjustments to the Agenda
 - Speakers from the Floor (3 minutes per speaker)

- 2) Approval of June 19, 2024 minutes** **TCC Chairman Muire**

- 3) FY 2024-2033 MTIP Modification #6** **Wendy Miller**

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: M-0426-DIV, M-0426REG, M-0426SW, M-0460, M-0478, and M-0480. The second project modification is the cost increase for the Clarke Creek Greenway (BL-0060). The third project modification is the cost increase for the US 601/Flowe Store Road intersection project (C-5603I). The fourth project is to delay construction to FY 26 for the Morehead Road access management improvements (HL-0062). The fifth project is to delay construction to FY 26 for the Caldwell Road improvements (HL-0063). The sixth project is to add a project break for the Old Concord Road/Martin Luther King Jr. Avenue intersection project (HS-2409B). The seventh project is to add a project break for the Concord Parkway/Bruton Smith Boulevard intersection project (HS-2410D). The eighth project is to delay construction to FY 25 for the Old Concord Road sidewalk project (C-5603D). The ninth project is to delay right-of-way to FY 25 for the Bethpage Road sidewalk project (C-5603F). The tenth project is to increase the cost for the track improvements and pedestrian underpass Kannapolis Train Station (P-5725). The eleventh project is to delay construction to FY 28 for the NC 73 widening west of the county line (R-5706A). The twelfth and final project is to change funding source for the Poplar Tent Road widening from east of I-85 to Poplar Tent Road (U-3415A). Attachment 3 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 #6 to the FY 2024-2033 MTIP; 2) Discuss; and 3) Recommend that the TAC consider endorsing modification #6 to the FY 2024-2033 MTIP.

4) TIP Priority Project STI Results **Phil Conrad/NCDOT**

INFORMATION: NCDOT has applied their methodology to rank transportation projects across the state and given an indication of available funds for the next STIP. The quantitative scores were released for all P7.0 projects in the spring. NCDOT will incorporate the quantitative scores with the local input (MPO) points and Division Engineer rankings/points to initiate the development of the FY 2026-2035 TIP. The results for the top highway, aviation, rail, and sidewalk/greenway projects in the MPO area are included as attachment 4. MPO staff has applied the local methodology and provide a scenario for allocating points to projects in the regional and division tiers, which were released for public comment in June. A maximum of 100 points per project is assumed if geographically permitted.

ACTION/RECOMMENDATION: 1) Receive a report on the TIP Priority Project STI Results; 2) Discuss; and 3) Recommend that the TAC consider endorsing the regional and division tier portion of the TIP Priority Project List.

5) TIP Priority Project Existing and Committed Projects **NCDOT**

INFORMATION: The NCDOT-STIP Unit is seeking input from MPOs and NCDOT Divisions on priorities of existing and committed projects in the development of the 2026-2035 STIP. Existing and committed projects have previously been selected for funding in the current 2024-2033 STIP through NCDOT Prioritization 3.0 (P3.0; 2015), P4.0 (2017) or Prioritization 5.0 (2019) processes. The input will be used to assist the STIP Unit when adjusting schedules to meet federal and state fiscal constraint requirements. By default, the STIP Unit will use the Seniority Approach as the initial ranking of priorities for the Regional Impact and Division Needs STI funding categories. The Seniority Approach was recommended by the NCDOT Prioritization Workgroup and MPOs must submit any revisions to the rankings by August 30. MPO staff is recommending changes in the Division tier (9 and 10) for only 2 projects. An email on this process is included as attachment 5A. The list of projects by tier is included as attachment 5B.

ACTION/RECOMMENDATION: 1) Receive a report on the existing and committed projects; 2) Discuss; and 3) Recommend that the TAC consider endorsing the existing and committed project priority order.

6) CTP Amendment **Franklin Gover**

INFORMATION: The Town of China Grove would like to add a new interchange at Mt. Hope Church Road to the MPO's CTP. This addition would be in advance

of P8.0 and the scoring for the NC 152 Bypass (H090764). We are currently in the middle P7.0 to update the STIP. A map showing the location is included as attachment 6A and a resolution amending the CTP is included as attachment 6B.

ACTION / RECOMMENDATION: 1) Receive a report on the proposed CTP Amendment; 2) Discuss; and 3) Recommend that the TAC consider adopting the CTP Amendment.

7) Rider Transit Program of Projects (POP) Andy Christy

INFORMATION: The Program of Projects is a list of proposed FTA grant requests to support the operations of Rider Transit in Fiscal Year 2025. Rider has elected to use the MPO Public Involvement procedures to process this annual requirement. Attachment 7 is the POP.

ACTION/RECOMMENDATION: 1) Receive a report on Rider Transit's Program of Projects (POP); 2) Discuss; and 3) Request that the TAC consider releasing the POP for public comment.

8) Rider Public Transportation Agency Safety Plan Andy Christy

INFORMATION: The Public Transportation Agency Safety Plan (PTASP) final rule (49 C.F.R. Part 673) requires certain operators of public transportation systems that are recipients or subrecipients of FTA grant funds to develop safety plans that include the processes and procedures necessary for implementing Safety Management Systems (SMS). On 12/16/2019, Concord Kannapolis Area Transit/City of Concord notified NCDOT that they would not be drafting and certifying it's own Public Transportation Agency Safety Plan, choosing to draft and certify their Public Transportation Agency Safety Plan under NCDOT's framework and requirements as they are allowed by FTA to do as a small (less than 100 bus) public transportation provider. The document will be approved by the Concord Kannapolis Area Transit Commission on August 22, 2024 and will go to the Concord City Council for approval following action by the MPO. A request for approval by the NCDOT is the last step prior to final certification. The PTASP (309 pages) can be found at: www.ckrider.com/resources/documents/

ACTION/RECOMMENDATION: 1) Receive a report on the Rider Public Transportation Agency Safety Plan; 2) Discuss; and 3) Recommend that the TAC consider approving the Rider Public Transportation Agency Safety Plan.

9) Reports / MPO Business Phil Conrad / TCC Members

- Local Reports – MPO/NCDOT Division 9 & 10/TPD
- SS4A Planning Study – Brian Murphy
- CMAQ Priority Submittal and Funding Request

- Special Study Update – Town of China Grove
- FY 25 Special Studies
- FY 25 Bike and Ped Demonstration Planning Studies
- TCC Survey Results

10) Informational Items

Phil Conrad

- Rider Transit, Salisbury Transit, and MTC Ridership
- Western NC Rail Study Funding Request
- TPD Newsletter

Next scheduled meeting: September 18, 2024

- Agenda items for September TCC meeting

MINUTES

TECHNICAL COORDINATING COMMITTEE

Wednesday, June 19, 2024

VIRTUAL MEETING

Members:

| | |
|------------------|-------------------------------------|
| Phillip Graham | City of Concord |
| Susie Morris | Cabarrus County |
| Ed Muire | Rowan County & Town of Cleveland |
| Theo Ghitea | NCDOT Div. 10 |
| Fred Haith | NCDOT Div. 9 |
| Teresa Barringer | Town of China Grove |
| Wendy Brindle | City of Salisbury |
| Craig Thomas | Town of Midland |
| Erin Burris | Town of Mt. Pleasant |
| Richard Smith | City of Kannapolis |
| Jason Hord | Town of Granite Quarry |

Others:

| | |
|---------------------|----------------|
| Phil Conrad | CRMPO Director |
| Connie Cunningham | MPO Staff |
| Sean Epperson | NCDOT Div 10 |
| Scott Miller | NCDOT Div10 |
| Emily Stupka | NCDOT TPD |
| Andrew Babb | Bolton & Menk |
| Andy Christy | RIDER Transit |
| John Rhyne | NCDOT Div 9 |
| Blake Bush | HDR |
| Christian Snelgrove | WSP |
| Alex Rotenberry | NCDOT IMD |

TCC Chairman Ed Muire called the June 19, 2024 virtual meeting of the Cabarrus Rowan MPO TCC to order at approximately 10:00 am. TCC Chair Muire called the roll of eligible TCC members and it was determined that a quorum had been met. TCC Chair Muire then asked if there were any adjustments to the meeting agenda. By consensus the members approved the agenda with no adjustments. TCC Chair Muire moved on to the next order of business.

TCC Chair Muire continued by asking if there were any speakers from the floor. With no speakers being heard, TCC Chair Muire moved to the next item of business. CRMPO Director Phil Conrad welcomed the members in attendance and thanked them for attending.

Approval of Minutes

TCC Chair Muire called the members’ attention to the minutes of the May 15, 2024 TCC meeting included in their packets. Chairman Muire asked if there were any corrections or additions to the minutes. With no corrections or additions heard, Mrs Susie Morris made a motion to accept the minutes as presented. Mrs. Wendy Brindle seconded that motion and the TCC members voted unanimously to approve.

FY 2024-2033 MTIP Modification #5

CRMPO Director Phil Conrad highlighted for the members’ the 2024-2033 MTIP Modification #5 included in their packets. He explained that MPO staff regularly brings amendments or modifications from recent NCDOT Board of Transportation agendas to the TCC/TAC for consideration.

Director Conrad continued by stating that the first project modification is the delay of construction to FY 27 for the Hickory Ridge sidewalk project (BL-0086). The second project modification is to delay construction to FY 25 for the Elm Avenue NW sidewalk project (BL-0087). The third project is to delay preliminary engineering to FY 24 for the Third Street Greenway (EB-5861). The fourth project is to delay construction to FY 25 for the NC 152 widening and roundabout (HE-0009). The sixth and final project is to delay construction to FY 27 for the NC 3/US 29 intersection project (U-5761). Attachment 3 is a resolution modifying the MTIP for these projects. After reviewing the projects with the members, Director Conrad closed by stating that the new STIP was effective October 1, 2023.

Chairman Muire asked Director Conrad if project number EB-5861 was still considered the most time sensitive project on the amendment list and Director Conrad confirmed that it was.

With no further questions or comments, TCC Chair Muire made a motion to recommend that the CRMPO TAC consider endorsing modification #5 to the FY 2024-2033 MTIP. Mrs. Susie Morris seconded that motion and the TCC members voted unanimously to approve

TIP Priority Project STI Results

CRMPO Director reported to the TCC members that NCDOT has applied their methodology to rank transportation projects across the state and reported what funds are available for the next STIP. Director Conrad went on to state that the quantitative scores were recently released for all P7.0 projects in NC. NCDOT will incorporate the quantitative scores with the CRMPO input points and Division Engineer rankings/points to initiate the development of the FY 2026- 2035 TIP.

Director Conrad called members' attention to Attachment 4B which were the results for the top highway, aviation, rail, and sidewalk/greenway projects in the CRMPO area. He went on to say that CRMPO staff has applied the local methodology and provided options for allocating points to projects in the regional and division tiers. Director Conrad then introduced Mr. Sean Epperson with NCDOT Division 10 who provided a power point presentation to the TCC members regarding the P7.0 Funding Availability. The presentation provided information on how the funds available are calculated and how they are allocated between each NCDOT Division.

After the presentation was finished, Director Conrad reviewed the projects one by one shown on Attachment 4B for the members. After the review, TCC Chairman Muire asked when NCDOT staff would apply their points to the CRMPO projects. Mr. Theo Ghitea from Division 10 and Mr. John Rhyne with Division 9 both reported that their respective Divisions would apply their points after their public input sessions were held.

With no further questions and no comments heard, Mrs. Wendy Brindle made a motion to recommend that the CRMPO TAC consider releasing the regional and division tier portion of the TIP Priority Project List for public comment. Mrs. Susie Morris seconded the motion and the TCC members voted unanimously to approve.

2055 MTP Draft Goals and Objectives

CRMPO Director Phil Conrad explained to the members that with the adoption of the 2024-2033 TIP, the CRMPO has begun working on the update to the 2055 MTP. Director Conrad continued by stating that part of this update is the ongoing socioeconomic TAZ forecasts for population, employment, and school enrollment.

Phil reminded the TCC members that the last MTP was adopted in March 2022 and is required to be updated every 4-years. The next draft TIP he reported, will be released in the spring of 2025 and the adopted TIP will primarily be the basis for the 2055 MTP in terms of project schedule horizon years and estimated costs. Phil went on to state that every 4 years the CRMPO reviews the draft Goals and Objectives to be included in the next MTP. He then called members attention to Attachment 5 which was the draft and he reviewed it with the members.

After the review and with no questions or comments, Mrs. Susie Morris made a motion to recommend that the CRMPO TAC endorse the 2055 MTP Goals and Objectives. Mrs. Teresa Barringer seconded that motion and the TCC members voted unanimously to approve.

CTP Amendment

Director Conrad reported to the members that the City of Concord has added some multi-use path designations to the CRMPO's Comprehensive Transportation Plan (CTP) Index. He continued by stating that the City has already incorporated this information into their own locally adopted plans. Director Conrad reminded the TCC members that at the January 2024 meetings, the Town of Spencer recently added some CTP links to the highway map. Those segments are now proposed as part of the CTP Index.

Director Conrad highlighted Attachment 6B which was a summary of the Index changes. He reminded members that the amendments were released for public comment in March and no comments were received. Phil then referred to Attachment 6A which was a draft resolution amending the CTP.

With no questions or comments heard, Mr. Phillip Graham made a motion to recommend that the CRMPO TAC consider adopting the CTP index amendments as presented. Mrs. Susie Morris seconded that motion and the TCC members followed with an unanimous vote of approval.

Reports/CRMPO Business

1. Local Reports – MPO/NCDOT Division 9 and 10/PTD- Mr. John Rhyne, NCDOT Division 9 representative reported to members that the updated spreadsheet was included in today's meeting packet. He reviewed some of the updates with the TCC members and that any changes are highlighted on the spreadsheet.

Mr. Theo Ghitea , NCDOT Division 10 representative reviewed the spreadsheet of Division 10 project updates and noted some of the ongoing projects in Division 10.

Ms. Emily Stupka, NCDOT TPD referenced the NCDOT newsletter in the TCC packets.

2. SS4A Planning Study – Director Phil Conrad reported that Mr. Brian Murphy was to make this presentation but he was not in attendance. Director Conrad requested that this item be tabled until Mr. Murphy could attend at a later date.

3. 2055 TAZ Level Forecasts and Mapping - Director Conrad introduced Mr. Christian Snelgrove with WSP who provided the members with a power point presentation on the 2055 TAZ level forecasts and mapping. Director Conrad summarized the maps in the packet with the members.

4. Julian Road CTP Amendment Update - Director Conrad reviewed an email from Mr. Andy Bailey with NCDOT TPD regarding the need for an amendment and noted that a previous map included Julian Road as a major thoroughfare.

5. CMAQ Priority Submittal and Update - Director Conrad reported to the TCC members that CRMPO staff is working on programming these projects and NCDOT is working on award letters.

6. Special Studies Update Town of China Grove - Director Conrad reminded the TCC members that this project is for the Highway 152 Corridor Study. Mrs. Teresa Barringer reported to the members that the study is actively moving along.

7. FY25 Special Studies – Director Conrad reminded members it is now time to submit new projects eligible for Special Studies funding.

8. FY25 Bike and Ped Demonstration Planning Studies – Director Conrad reported that the CRMPO has three currently funded projects and all three are now complete. New projects can now be submitted for consideration. Mr. Alex Rotenberry from NCDOT IMD added that bicycle and pedestrian planning awardees will be notified by IMD this week.

Informational Items

Director Conrad highlighted the following informational items included in the TCC packets:

RIDER Transit, Salisbury Transit and MTC Ridership
CRAFT Meeting Minutes

At this time TCC Chairman Ed Muire addressed the members regarding the possibility of returning to in person meetings versus the virtual meetings. Chairman Muire asked if it would be possible to return to in person meetings beginning August 21, 2021. There was some discussion amongst the members as to if all were receptive to this idea. After much discussion, it was decided by consensus to conduct a survey of all members to see what the majority of TCC members preferred to do moving forward.

Next scheduled meeting: August 21, 2024

With no further business to discuss, TCC Chair Muire made a motion to adjourn the meeting and by consensus the meeting was adjourned.

RESOLUTION ADOPTING MODIFICATION #6 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 28th day of August, 2024.

I, Brittany Barnhardt, Transportation Advisory Committee Chair, do hereby certify that the above is a true and correct copy of the excerpt from the minutes of a meeting of the Cabarrus-Rowan Transportation Advisory Committee, duly held on the 28th day of August 2024.

Brittany Barnhardt, Chair
Transportation Advisory Committee

REVISIONS TO THE 2024-2033 STIP
HIGHWAY PROGRAM

STATEWIDE PROJECT

STIP ADDITIONS

| | | | | | | |
|----------------------|---------------------|---|-------------|-----------------|------------------|-------|
| * M-0426DIV | - STATEWIDE PROJECT | VARIOUS, STATEWIDE TRAINING, EDUCATION, AND | ENGINEERING | FY 2024 - | \$90,000 | (NHP) |
| STATEWIDE | | WORKFORCE DEVELOPMENT. | | FY 2025 - | \$90,000 | (NHP) |
| PROJ.CATEGORY | | <u>ADD PROJECT AT THE REQUEST OF THE DIVISION OF</u> | | FY 2026 - | \$90,000 | (NHP) |
| DIVISION | | <u>PLANNING AND PROGRAMMING.</u> | | FY 2027 - | \$90,000 | (NHP) |
| | | | | FY 2028 - | \$90,000 | (NHP) |
| | | | | FY 2029 - | \$90,000 | (NHP) |
| | | | | FY 2030 - | \$90,000 | (NHP) |
| | | | | FY 2031 - | \$90,000 | (NHP) |
| | | | | FY 2032 - | \$90,000 | (NHP) |
| | | | | FY 2033 - | \$90,000 | (NHP) |
| | | | | AFTER FY 2033 - | <u>\$180,000</u> | (NHP) |
| | | | | | \$1,080,000 | |
| * M-0426REG | - STATEWIDE PROJECT | VARIOUS, STATEWIDE TRAINING, EDUCATION, AND | ENGINEERING | FY 2024 - | \$90,000 | (NHP) |
| STATEWIDE | | WORKFORCE DEVELOPMENT. | | FY 2025 - | \$90,000 | (NHP) |
| PROJ.CATEGORY | | <u>ADD PROJECT AT THE REQUEST OF THE DIVISION OF</u> | | FY 2026 - | \$90,000 | (NHP) |
| REGIONAL | | <u>PLANNING AND PROGRAMMING.</u> | | FY 2027 - | \$90,000 | (NHP) |
| | | | | FY 2028 - | \$90,000 | (NHP) |
| | | | | FY 2029 - | \$90,000 | (NHP) |
| | | | | FY 2030 - | \$90,000 | (NHP) |
| | | | | FY 2031 - | \$90,000 | (NHP) |
| | | | | FY 2032 - | \$90,000 | (NHP) |
| | | | | FY 2033 - | \$90,000 | (NHP) |
| | | | | AFTER FY 2033 - | <u>\$180,000</u> | (NHP) |
| | | | | | \$1,080,000 | |

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2024-2033 STIP
HIGHWAY PROGRAM

STATEWIDE PROJECT

STIP ADDITIONS

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|----------------------|---------------------|---|-------------|-----------------|------------------|-------|
| * M-0426SW | - STATEWIDE PROJECT | VARIOUS, STATEWIDE TRAINING, EDUCATION, AND | ENGINEERING | FY 2024 - | \$120,000 | (NHP) |
| STATEWIDE | | WORKFORCE DEVELOPMENT. | | FY 2025 - | \$120,000 | (NHP) |
| PROJ.CATEGORY | | <u>ADD PROJECT AT THE REQUEST OF THE DIVISION OF</u> | | FY 2026 - | \$120,000 | (NHP) |
| STATEWIDE | | <u>PLANNING AND PROGRAMMING.</u> | | FY 2027 - | \$120,000 | (NHP) |
| | | | | FY 2028 - | \$120,000 | (NHP) |
| | | | | FY 2029 - | \$120,000 | (NHP) |
| | | | | FY 2030 - | \$120,000 | (NHP) |
| | | | | FY 2031 - | \$120,000 | (NHP) |
| | | | | FY 2032 - | \$120,000 | (NHP) |
| | | | | FY 2033 - | \$120,000 | (NHP) |
| | | | | AFTER FY 2033 - | <u>\$240,000</u> | (NHP) |
| | | | | | \$1,440,000 | |
| * M-0460 | - STATEWIDE PROJECT | VARIOUS, NATIONAL SUMMER TRANSPORTATION | ENGINEERING | FY 2024 - | \$200,000 | (O) |
| STATEWIDE | | INSTITUTE (NSTI). | | FY 2025 - | \$200,000 | (O) |
| PROJ.CATEGORY | | <u>ADD PROJECT AT THE REQUEST OF THE DIVISION OF</u> | | FY 2026 - | \$200,000 | (O) |
| EXEMPT | | <u>PLANNING AND PROGRAMMING.</u> | | FY 2027 - | \$200,000 | (O) |
| | | | | FY 2028 - | \$200,000 | (O) |
| | | | | FY 2029 - | \$200,000 | (O) |
| | | | | FY 2030 - | \$200,000 | (O) |
| | | | | FY 2031 - | \$200,000 | (O) |
| | | | | FY 2032 - | \$200,000 | (O) |
| | | | | FY 2033 - | \$200,000 | (O) |
| | | | | AFTER FY 2033 - | <u>\$400,000</u> | (O) |
| | | | | | \$2,400,000 | |

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2024-2033 STIP
HIGHWAY PROGRAM

STATEWIDE PROJECT

STIP ADDITIONS

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|----------------------|---------------------|--|-------------|-----------------|--------------------|-----|
| * M-0478 | - STATEWIDE PROJECT | VARIOUS, ON-THE-JOB TRAINING PROGRAM. | ENGINEERING | FY 2024 - | \$500,000 | (O) |
| STATEWIDE | | <u>ADD PROJECT AT THE REQUEST OF THE DIVISION OF</u> | | FY 2025 - | \$500,000 | (O) |
| PROJ.CATEGORY | | <u>PLANNING AND PROGRAMMING.</u> | | FY 2026 - | \$500,000 | (O) |
| EXEMPT | | | | FY 2027 - | \$500,000 | (O) |
| | | | | FY 2028 - | \$500,000 | (O) |
| | | | | FY 2029 - | \$500,000 | (O) |
| | | | | FY 2030 - | \$500,000 | (O) |
| | | | | FY 2031 - | \$500,000 | (O) |
| | | | | FY 2032 - | \$500,000 | (O) |
| | | | | FY 2033 - | \$500,000 | (O) |
| | | | | AFTER FY 2033 - | <u>\$1,000,000</u> | (O) |
| | | | | | \$6,000,000 | |
| * M-0480 | - STATEWIDE PROJECT | VARIOUS, DISADVANTAGED BUSINESS ENTERPRISE | ENGINEERING | FY 2024 - | \$300,000 | (O) |
| STATEWIDE | | (DBE) TRAINING AND SUPPORTIVE SERVICES. | | FY 2025 - | \$300,000 | (O) |
| PROJ.CATEGORY | | <u>ADD PROJECT AT THE REQUEST OF THE DIVISION OF</u> | | FY 2026 - | \$300,000 | (O) |
| EXEMPT | | <u>PLANNING AND PROGRAMMING.</u> | | FY 2027 - | \$300,000 | (O) |
| | | | | FY 2028 - | \$300,000 | (O) |
| | | | | FY 2029 - | \$300,000 | (O) |
| | | | | FY 2030 - | \$300,000 | (O) |
| | | | | FY 2031 - | \$300,000 | (O) |
| | | | | FY 2032 - | \$300,000 | (O) |
| | | | | FY 2033 - | \$300,000 | (O) |
| | | | | AFTER FY 2033 - | <u>\$600,000</u> | (O) |
| | | | | | \$3,600,000 | |

* INDICATES FEDERAL AMENDMENT

Wednesday, July 10, 2024

REVISIONS TO THE 2024-2033 STIP
HIGHWAY PROGRAM

CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION

STIP MODIFICATIONS

| | | | | |
|---|---|---|---|---|
| * BL-0060 CABARRUS PROJ.CATEGORY EXEMPT | - CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION | CLARKE CREEK GREENWAY, STRADER STREET TO COX MILL ROAD. CONSTRUCT GREENWAY. <u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u> | CONSTRUCTION | FY 2025 - \$3,670,000 (CMAQ) FY 2025 - \$917,000 (L) \$4,587,000 |
| * C-56031 CABARRUS PROJ.CATEGORY EXEMPT | - CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION | US 601, FLOWES STORE ROAD TO ZION CHURCH ROAD AND AT THE US 601 AND FLOWES STORE ROAD INTERSECTION. <u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u> | RIGHT-OF-WAY CONSTRUCTION | FY 2024 - \$200,000 (CMAQ) FY 2024 - \$50,000 (L) FY 2025 - \$3,905,000 (CMAQ) FY 2025 - \$976,000 (L) \$5,131,000 |
| HL-0062 CABARRUS PROJ.CATEGORY EXEMPT | - CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION | NC 49, SR 1300 (MOREHEAD ROAD) TO CEDAR DRIVE. CONSTRUCT ACCESS MANAGEMENT IMPROVEMENTS. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY RIGHT-OF-WAY FROM FY 24 TO FY 25 AND CONSTRUCTION FROM FY 25 TO FY 26.</u> | RIGHT-OF-WAY UTILITIES CONSTRUCTION | FY 2025 - \$764,000 (BGDA) FY 2025 - \$191,000 (L) FY 2025 - \$306,000 (BGDA) FY 2025 - \$76,000 (L) FY 2026 - \$5,156,000 (BGDA) FY 2026 - \$1,289,000 (L) \$7,782,000 |
| HL-0063 CABARRUS PROJ.CATEGORY DIVISION | - CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION | SR 1173 (CALDWELL ROAD), NC 49 TO US 29. EXTEND ROADWAY APPROXIMATELY 3000 FEET AND IMPROVE INTERSECTION OF SR 1173 (CALDWELL ROAD) AND NC 49. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY RIGHT-OF-WAY FROM FY 24 TO FY 25 AND CONSTRUCTION FROM FY 25 TO FY 26.</u> | RIGHT-OF-WAY UTILITIES CONSTRUCTION | FY 2025 - \$886,000 (BGDA) FY 2025 - \$222,000 (L) FY 2025 - \$8,000 (BGDA) FY 2025 - \$2,000 (L) FY 2026 - \$3,325,000 (BGDA) FY 2026 - \$831,000 (L) \$5,274,000 |

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2024-2033 STIP
HIGHWAY PROGRAM

CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION

STIP MODIFICATIONS

| | | | | | | |
|---|---|--|--|-----------|--------------|---------|
| * HS-2409B ROWAN PROJ.CATEGORY DIVISION | - CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION | SR 1002 (OLD CONCORD ROAD), MARTIN LUTHER KING JR. AVENUE SOUTH INTERSECTION. UPGRADE TRAFFIC SIGNAL AND INSTALL/UPGRADE PEDESTRIAN SIGNALS AND OTHER PEDESTRIAN ACCOMMODATIONS. | UTILITIES | FY 2025 - | \$30,000 | (HSIP) |
| | | | CONSTRUCTION | FY 2026 - | \$160,000 | (HSIP) |
| | | | | | \$190,000 | |
| | | | <u>ADD PROJECT BREAK AT THE REQUEST OF THE TRANSPORTATION MOBILITY AND SAFETY DIVISION</u> | | | |
| * HS-2410D CABARRUS PROJ.CATEGORY REGIONAL | - CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION | US 29 (CONCORD PARKWAY), SR 2894 (BRUTON SMITH BOULEVARD) INTERSECTION IN CONCORD. INSTALL PEDESTRIAN SIGNAL UPGRADES. | CONSTRUCTION | FY 2025 - | \$29,000 | (HSIP) |
| | | | | | \$29,000 | |
| | | | <u>ADD PROJECT BREAK AT THE REQUEST OF THE TRANSPORTATION MOBILITY AND SAFETY DIVISION.</u> | | | |
| * U-3415A CABARRUS PROJ.CATEGORY DIVISION | - CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION | SR 1394 (POPLAR TENT ROAD), EAST OF I-85 TO GEORGE LILES PARKWAY. WIDEN TO MULTI-LANES. | RIGHT-OF-WAY | FY 2026 - | \$543,000 | (BGANY) |
| | | | | FY 2027 - | \$3,259,000 | (BGANY) |
| | | | | FY 2028 - | \$3,259,000 | (BGANY) |
| | | | | FY 2029 - | \$3,259,000 | (BGANY) |
| | | | | FY 2030 - | \$2,580,000 | (BGANY) |
| | | | | FY 2026 - | \$450,000 | (BGANY) |
| | | | | FY 2027 - | \$450,000 | (BGANY) |
| | | | | FY 2029 - | \$277,000 | (BGANY) |
| | | | | FY 2030 - | \$11,280,000 | (BGANY) |
| | | | | FY 2031 - | \$9,169,000 | (BGANY) |
| | FY 2032 - | \$5,010,000 | (BGANY) | | | |
| | FY 2033 - | \$1,976,000 | (BGANY) | | | |
| | | \$41,512,000 | | | | |
| | | | UTILITIES | | | |
| | | | CONSTRUCTION | | | |

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2024-2033 STIP
HIGHWAY PROGRAM

CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION

STIP ADDITIONS

| | | | | |
|---|---|--|--------------|---|
| * C-5603D ROWAN PROJ.CATEGORY EXEMPT | - CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION | OLD CONCORD ROAD, RYAN STREET TO JAKE ALEXANDER BOULEVARD. CONSTRUCT SIDEWALKS. <u>TO REFLECT THE LATEST DELIVERY SCHEDULE, DELAY CONSTRUCTION FROM FY 23 TO FY 25. THIS ACTION ADDS THE PROJECT TO THE FEDERALLY APPROVED 2024-2033 STIP.</u> | CONSTRUCTION | FY 2025 - \$1,560,000 (CMAQ) FY 2025 - <u>\$390,000</u> (L) \$1,950,000 |
|---|---|--|--------------|---|

STIP MODIFICATIONS

| | | | | |
|---|---|---|----------------------------------|---|
| C-5603F CABARRUS PROJ.CATEGORY EXEMPT | - CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION | SR 1643 (BETHPAGE ROAD), SR 1008 (SOUTH MAIN STREET) TO LEONARD AVENUE AND FROM WESTGREEN DRIVE TO KLONDALE AVENUE IN KANNAPOLIS. CONSTRUCT SIDEWALKS. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY RIGHT-OF-WAY FROM FY 24 TO FY 25.</u> | RIGHT-OF-WAY CONSTRUCTION | FY 2025 - \$94,000 (CMAQ) FY 2025 - \$23,000 (L) FY 2025 - \$1,892,000 (CMAQ) FY 2025 - <u>\$473,000</u> (L) \$2,482,000 |
| * P-5725 CABARRUS PROJ.CATEGORY REGIONAL | - CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION | CONSTRUCT TRACK IMPROVEMENTS, SECOND PLATFORM, PEDESTRIAN UNDERPASS, SITEWORK, RETAINING WALL, SIGNALING EQUIPMENT. <u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u> | CONSTRUCTION | FY 2025 - \$135,000 (T) FY 2026 - \$7,560,000 (T) FY 2027 - \$4,455,000 (T) FY 2028 - <u>\$1,350,000</u> (T) \$13,500,000 |

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2024-2033 STIP
HIGHWAY PROGRAM

CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION

STIP MODIFICATIONS

| | | | | | | |
|---------------|-------------------------------------|---|--------------|-----------|---------------------|-------|
| * R-5706A | - CABARRUS-ROWAN URBAN AREA | NC 73 (DAVIDSON HIGHWAY), EAST OF SR 2693 | RIGHT-OF-WAY | FY 2025 - | \$408,000 | (NHP) |
| CABARRUS | METROPOLITAN PLANNING ORGANIZATION | (DAVIDSON-CONCORD ROAD) TO EAST OF SR 1394 | | FY 2026 - | \$2,451,000 | (NHP) |
| MECKLENBURG | - CHARLOTTE REGIONAL TRANSPORTATION | (POPLAR TENT ROAD). | | FY 2027 - | \$2,451,000 | (NHP) |
| PROJ.CATEGORY | PLANNING ORGANIZATION | <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND</u> | | FY 2028 - | \$2,451,000 | (NHP) |
| REGIONAL | | <u>DESIGN, DELAY RIGHT-OF-WAY FROM FY 24 TO FY 25</u> | | FY 2029 - | \$1,940,000 | (NHP) |
| | | <u>AND CONSTRUCTION FROM FY 27 TO FY 28.</u> | UTILITIES | FY 2025 - | \$1,000,000 | (NHP) |
| | | | | FY 2026 - | \$1,000,000 | (NHP) |
| | | | CONSTRUCTION | FY 2028 - | \$320,000 | (NHP) |
| | | | | FY 2029 - | \$14,278,000 | (NHP) |
| | | | | FY 2030 - | \$10,689,000 | (NHP) |
| | | | | FY 2031 - | \$6,712,000 | (NHP) |
| | | | | | <u>\$43,700,000</u> | |

* INDICATES FEDERAL AMENDMENT

MPO Highway STI Priorities

#4 (8/21/24)

| Division | SPOT ID | 2024 MPO/TIP Point Total | 2024 MPO/TIP Flexed Point Total | 2018 MPO/TIP Division Point Assignment | 2018 MPO/TIP Regional Point Assignment | 2024 Regional Project Quantitative Rank | 2024 Division Project Quantitative Rank | 2024 Division 10 Points | 2024 Division 9 Points | May 2024 Final Quantitative Score | April 2018 Final Quantitative Score | Right-of-Way Schedule | Construction Schedule | TIP Number | TIP Status (Unfunded or Partially Funded) | STI Tier = Division, Regional, Statewide | Project Name and Description |
|--------------|------------|--------------------------|---------------------------------|--|--|---|---|-------------------------|------------------------|-----------------------------------|-------------------------------------|-----------------------|-----------------------|------------|---|--|--|
| 10 | H090397-B | 100 | | 100 | | | 50 | | | 32.53 | 29.06 | | | U-3415B | UF | D | Widen Poplar Tent from US 29/601 to George Liles Pkwy |
| 10 | H230998 | 65 | | | | | 52 | | | 31.99 | 22.43 | | | U-6029A | UF | D | Widen Poplar Tent from Harris Road to NC 73 |
| 10 | H090677 | 100 | | 80 | | | 65 | | | 29.76 | 22.43 | | | U-6029B | UF | D | Widen Poplar Tent from Derita Road to Harris Road |
| 10 | H141870 | 100 | | 100 | | | 71 | | | 28.97 | 17.07 | | | | UF | D | Tom Query Rd and Robinson Church Rd |
| 10 | H170825 | 100 | | 100 | | | 104 | | | 21.82 | 17.77 | | | | UF | D | Odell School Rd from Poplar Tent Road to NC 73 |
| 10 | H170826 | 100 | | 100 | | | 92 | | | 25.19 | 19.81 | | | | UF | D | Weddington Rd from Ruben Linker Rd to US 29 |
| 9 | H190964 | 100 | | | | | 89 | | | 10.99 | | | | | UF | D | Construct a grade separation of the railroad from US 29 to Henderson Grove Church Road |
| 9 | H230427 | 100 | | | | | 93 | | | 7.34 | | | | | UF | D | Modernize Old Mocksville Road from Hawkinstown Road to East Ridge Road |
| 9 | H230757 | 100 | | | | | 28 | | | 29.47 | | | | | UF | D | Extend Bendix Drive to Old Concord Road |
| 9 | H230384 | 100 | | | | | 34 | | | 28.68 | | | | | UF | D | Convert Faith Road and Byrd Road intersection into a roundabout |
| 9 | H171399 | 100 | | 20 | | | 66 | | | 20.3 | 16.71 | | | | UF | D | US 29 Alternate and Airport Road Grade Separation |
| Total | | 1065 | | | | | | | | | | | | | | | |
| 9 | H090674 | 100 | | | 100 | 133 | | | | 24.48 | 17.62 | | | | UF | R | New Alignment of Church Street and NC 152 |
| 9 | H090202-C | 100 | | 100 | 100 | 65 | | | 100 | 37.4 | 27.34 | | | R-5860C | UF | S | Widen and relocate US 52 (Granite Bypass) |
| 9 | H090202-B | 100 | | 100 | 100 | 62 | | | 100 | 38.27 | 20.17 | | | R-5860B | UF | S | Widen and relocate US 52 (Rockwell Bypass) |
| 10 | H090680-A | 100 | 100 | 100 | 100 | 54 | | | | 38.97 | 30.18 | | | U-5773A | UF | R | NC 3 Branchview from Dale Earnhardt Blvd to NC 73 |
| 10 | H090680-B | 100 | 100 | 100 | 100 | 47 | | 100 | | 41.28 | 22.25 | | | U-5773B | UF | R | NC 3 Branchview from NC 73 to US 601 |
| 10 | H090675-BA | 100 | 100 | | | 44 | | 100 | | 41.91 | | | | R-5706BA | PF | R | NC 73 from Poplar Tent Rd to I-85 |
| 10 | H090675-BB | 100 | 100 | | | 78 | | 100 | | 35.19 | | | | R-5706BB | PF | R | NC 73 from I-85 to US 29 |
| 9 | H090437 | 100 | | 100 | 100 | 71 | | | | 35.66 | 20.44 | | | U-5900 | UF | R | Widen NC 150 from Airport Road to west of Grants Creek |
| 10 | H230481 | 100 | | | | 116 | | | | 25.62 | | | | | UF | R | Construct a connector road between NC 73 and NC 49 |
| 9 | H230391 | 100 | | | | 101 | | | | 31.5 | | | | | UF | R | Convert NC 152 and Miller Road intersection into a roundabout |
| 9 | H190956 | 100 | | | | 113 | | | | 28.4 | | | | | UF | S | McCanless Road Interchange |
| 9 | H230355 | 100 | | | | 39 | | 100 | | 43.02 | | | | | UF | S | Convert existing NC 152 interchange to diverging diamond interchange |
| 10 | H191166 | 100 | | | | 86 | | | | 33.33 | | | | | UF | R | Widen NC 49 from Skyland Drive to North Drive |
| 9 | H191311 | 100 | | | | 86 | | | | 34.01 | | | | | UF | R | US 29 cross section coversion from NC 152 to Thom Street |

MPO Highway STI Priorities

| Division | SPOT ID | 2024 MPO/TIP Point Total | 2024 MPO/TIP Flexed Point Total | 2018 MPO/TIP Division Point Assignment | 2018 MPO/TIP Regional Point Assignment | 2024 Regional Project Quantitative Rank | 2024 Division Project Quantitative Rank | 2024 Division 10 Points | 2024 Division 9 Points | May 2024 Final Quantitative Score | April 2018 Final Quantitative Score | Right-of-Way Schedule | Construction Schedule | TIP Number | TIP Status (Unfunded or Partially Funded) | STI Tier = Division, Regional, Statewide | Project Name and Description |
|--------------------|----------------|--------------------------|---------------------------------|--|--|---|---|-------------------------|------------------------|-----------------------------------|-------------------------------------|-----------------------|-----------------------|------------|---|--|---|
| 9 | H190960 | 100 | 100 | | | 18 | | | 100 | 47.82 | | | | | UF | R | Construct storage and turn lanes at the intersection of NC 150 and Rowan Mill Road/NC 801 |
| 9 | H190962 | 100 | | | | 131 | | | | 25.23 | | | | | UF | R | Intersection Realignment of NC 152 and Faith Road |
| 9 | H184300 | 100 | | | | 83 | | | | 34.38 | | | | | UF | R | Construct storage and turn lanes at the intersection of Dunns Mountain Road onto US 52 |
| 9 | H170707 | 100 | | | | 41 | | | 100 | 42.78 | 35.23 | | | U-6130 | UF | R | US 29 and NC 152 |
| Total | | 1800 | 500 | | | | | | | | | | | | | | |
| Aviation | | | | | | | | | | | | | | | | | |
| Bike/Ped | | 100 | | | | | | | | | | | | | | | |
| Rail | R172384 | | 100 | | | | | | | | | | | | | | |
| Transit | | | | | | | | | | | | | | | | | |
| Grand Total | | 1165 | 600 | | | | | | | | | | | | | | |

MPO Rail STI Priorities

| Project Description | SPOT ID | Tier | Estimated Cost | May 2024 Final Quantitative Score | April 2018 Final Quantitative Score | 2018 MPO/TIP Division Point Assignment | 2018 MPO/TIP Regional Point Assignment | 2024 MPO/TIP Division Point Assignment | 2024 MPO/TIP Regional Point Assignment | 2018 Division Rank/Points | 2024 Regional Project Quantitative Rank | 2024 Division Rank/Points |
|---|---------|------|----------------|-----------------------------------|-------------------------------------|--|--|--|--|---------------------------|---|---------------------------|
| Grade Separation at Long Ferry Road | R172384 | R | \$ 20,200,000 | 46.86 | 36.12 | | 100 | | 100 | 100 | 6 | 100 |
| Concept - construction of horizontal curve improvements (straighten curves) between MP 8.5 and 9.1 to increase rail segment speed up to or near a Maximum Allowable Speed (MAS) of 60 mph. | R230835 | R | \$ 1,313,499 | 33.83 | | | | | | | 17 | |
| Concept - construction of horizontal curve improvements (increase cant and straighten curves) between MPs 4.3 and 4.8, 8.5 and 9.1, 9.7 and 11.4, and 15.1 and 15.5 to increase rail segment speed up to or near a Maximum Allowable Speed (MAS) of 60 mph. | R230837 | R | \$ 1,765,929 | 33.74 | | | | | | | 18 | |
| | | | Total | | | | | | 100 | | | |

MPO Bike Ped STI Priorities

| Division | SPOT ID | Carolina Thread Trail | STI Tier = Division or Regional | Project Name and Description | Length (miles) | May 2024 Final Quantitative Score | 2024 Division Rank/Points | 2024 Division Project Quantitative Rank |
|----------|---------|-----------------------|---------------------------------|--|----------------|-----------------------------------|---------------------------|---|
| 10 | B230674 | | D | W. Franklin Street Sidewalk (S. Halifax Street to Main Street) | 0.27 | 13.47 | | 31 |
| 10 | B230654 | | D | W. Franklin Street Sidewalk (Duchess Drive to Halifax Street) | 0.74 | 10.94 | | 35 |
| 10 | B191313 | | D | Main Street Sidewalk (NC 49 to NC 73) | 0.81 | 26.39 | 100 | 15 |
| 10 | B023624 | | D | E. Franklin Street Sidewalk (Main Street to Blueberry Street) | 1.2 | 19.4 | | 26 |
| 10 | B191163 | Y | D | Mount Pleasant Road Sidewalk (S. Oldenberg Drive to Main Street) | 1.57 | 14.92 | | 30 |
| | | | | | | Total | 100 | |

DRAFT - P7 Local Input Point Allotments

February 2023

| MPO/RPO Name | 2020 Census Population | Population rounded to next 50,000 | P7 Local Input Point Allotment |
|--|------------------------|-----------------------------------|--------------------------------|
| Albemarle RPO | 174,219 | 200,000 | 1,400 |
| Burlington-Graham MPO | 176,195 | 200,000 | 1,400 |
| Cabarrus-Rowan MPO | 352,583 | 400,000 | 1,800 |
| Cape Fear RPO | 140,902 | 150,000 | 1,300 |
| Capital Area MPO | 1,304,889 | 1,350,000 | 2,500 |
| Charlotte Regional Transportation PO | 1,494,627 | 1,500,000 | 2,500 |
| Down East RPO | 139,417 | 150,000 | 1,300 |
| Durham-Chapel Hill-Carrboro MPO | 462,954 | 500,000 | 2,000 |
| Eastern Carolina RPO | 169,863 | 200,000 | 1,400 |
| Fayetteville Area MPO | 404,905 | 450,000 | 1,900 |
| Foothills RPO | 132,825 | 150,000 | 1,300 |
| French Broad River MPO | 426,274 | 450,000 | 1,900 |
| Gaston-Cleveland-Lincoln MPO | 404,464 | 450,000 | 1,900 |
| Goldsboro Urban Area MPO | 90,276 | 100,000 | 1,200 |
| Grand Strand Area Transportation Study | 47,909 | 50,000 | 1,100 |
| Greater Hickory MPO | 367,982 | 400,000 | 1,800 |
| Greensboro Urban Area MPO | 406,916 | 450,000 | 1,900 |
| Greenville Urban Area MPO | 140,982 | 150,000 | 1,300 |
| High Country RPO | 212,443 | 250,000 | 1,500 |
| High Point Urban Area MPO | 291,390 | 300,000 | 1,600 |
| Jacksonville Urban Area MPO | 198,407 | 200,000 | 1,400 |
| Kerr-Tar RPO | 165,829 | 200,000 | 1,400 |
| Land-of-Sky RPO | 68,364 | 100,000 | 1,200 |
| Lumber River RPO | 222,064 | 250,000 | 1,500 |
| Mid-Carolina RPO | 182,912 | 200,000 | 1,400 |
| Mid-East RPO | 110,738 | 150,000 | 1,300 |
| New Bern Area MPO | 54,294 | 100,000 | 1,200 |
| Northwest Piedmont RPO | 166,565 | 200,000 | 1,400 |
| Peanut Belt RPO | 113,183 | 150,000 | 1,300 |
| Piedmont Triad RPO | 260,674 | 300,000 | 1,600 |
| Rocky Mount Urban Area MPO | 77,662 | 100,000 | 1,200 |
| Rocky River RPO | 103,648 | 150,000 | 1,300 |
| Southwestern RPO | 143,270 | 150,000 | 1,300 |
| Triangle Area RPO | 230,432 | 250,000 | 1,500 |
| Upper Coastal Plain RPO | 232,705 | 250,000 | 1,500 |
| Wilmington Urban Area MPO | 296,302 | 300,000 | 1,600 |
| Winston-Salem Urban Area MPO | 449,926 | 450,000 | 1,900 |

| Division | 2020 Census Population | Population rounded to next 50,000 | P7 Local Input Point Allotment |
|----------|------------------------|-----------------------------------|--------------------------------|
| 01 | 259,368 | 300,000 | 1,600 |
| 02 | 498,175 | 500,000 | 2,000 |
| 03 | 751,268 | 800,000 | 2,500 |
| 04 | 605,706 | 650,000 | 2,300 |
| 05 | 1,642,369 | 1,650,000 | 2,500 |
| 06 | 689,414 | 700,000 | 2,400 |
| 07 | 959,124 | 1,000,000 | 2,500 |
| 08 | 538,152 | 550,000 | 2,100 |
| 09 | 774,545 | 800,000 | 2,500 |
| 10 | 1,629,022 | 1,650,000 | 2,500 |
| 11 | 371,163 | 400,000 | 1,800 |
| 12 | 779,095 | 800,000 | 2,500 |
| 13 | 516,304 | 550,000 | 2,100 |
| 14 | 373,793 | 400,000 | 1,800 |

Notes:

Each organization receives a base of 1,000 points.

Each organization receives 100 additional points for every 50,000 in population.

- Population is rounded up to next 50,000.

Maximum number of local input points per organization is 2,500.

Each organization receives separate allocations of points for Regional Impact and Division Needs categories (# of points is the same for each).

Population sourced from 2020 census data.

MPO/RPO calculations use official boundaries as of January 1, 2023.

Draft 2026-2035 STIP Funding Availability for Selecting Projects from Prioritization 7.0
As of May 17, 2024

| STI Funding Category | Funding Availability |
|------------------------------|-----------------------------|
| Statewide Mobility | \$1,033M |
| Region A (Divisions 1 & 4) | -\$228M |
| Region B (Divisions 2 & 3) | -\$32M |
| Region C (Divisions 5 & 6) | \$992M |
| Region D (Divisions 7 & 9) | \$458M |
| Region E (Divisions 8 & 10) | -\$471M |
| Region F (Divisions 11 & 12) | \$8M |
| Region G (Divisions 13 & 14) | -\$191M |
| Division 1 | -\$19M |
| Division 2 | -\$85M |
| Division 3 | -\$54M |
| Division 4 | \$24M |
| Division 5 | -\$107M |
| Division 6 | \$126M |
| Division 7 | \$184M |
| Division 8 | \$113M |
| Division 9 | -\$15M |
| Division 10 | -\$108M |
| Division 11 | \$40M |
| Division 12 | -\$72M |
| Division 13 | -\$52M |
| Division 14 | \$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 *****

To meet federal and state fiscal constraint requirements for the Draft 2026-2035 STIP, schedule changes (delays) for committed projects will need to occur in STI Funding Categories with a negative value. Schedule changes for committed projects may also need to occur in STI Funding Categories with a positive value to meet the same federal and state fiscal constraint requirements in the first five years of the Draft 2026-2035 STIP.

From: [Wasserman, David S](#)
To: [Phil Conrad](#)
Cc: [Robinson, Teresa](#); [Chamberlain, Austin](#); [Ivey, Stephen P](#); [Canipe, Brett D](#); [Epperson, Sean M](#); [Rhyne, John P](#); [Wert, Brian M](#)
Subject: Priorities of Existing Committed Projects
Date: Tuesday, June 25, 2024 6:03:18 AM
Attachments: [Draft 2026-2035 STIP Funding Availability for Selecting Projects from Prioritization 7.0 5-17-24.pdf](#)
[Cabarrus-Rowan MPO.xlsx](#)

Good Morning,

As part of the development of the 2026-2035 Draft STIP, NCDOT is seeking input from Planning Organizations (POs) and Divisions on priorities of existing committed projects. These projects have previously been selected for funding through Prioritization 3.0 (P3.0), Prioritization 4.0 (P3.0), or Prioritization 5.0 (P5.0). The input will be used to assist the STIP Unit when adjusting schedules to meet federal and state fiscal constraint requirements. As you are aware, the P7.0 funding availability for many of the Regional Impact and Division Needs funding categories is in the negative (see attached funding availability as of May 17, 2024). For these funding categories, schedule changes will occur to meet federal and state fiscal constraint requirements for the Draft 2026-2035 STIP.

By default, the STIP Unit will use the Seniority Approach as the initial ranking of priorities for the 7 Regional Impact and 14 Division Needs funding categories (the Statewide Mobility category has already been completed). The Seniority Approach was recommended by the Prioritization Workgroup and approved by the Board of Transportation (BOT) to develop the 2024-2033 STIP. This approach ranks projects in each STI funding category as follows: highest to lowest scoring projects from P3.0, followed by highest to lowest scoring projects from P4.0, followed by highest to lowest scoring projects from P5.0.

POs and Divisions can modify rankings within their Region or Division as long as **both the PO and Division agree on any changes**. If the PO and Division do not agree on changes, or do not desire to make any changes, the STIP Unit will continue to use Seniority Approach rankings as input in the development of the Draft 2026-2035 STIP.

The attached spreadsheet contains multiple tabs of the existing committed projects within your PO by STI funding category, with each tab sorted by Seniority Rank. If there is a desire to adjust the rankings in any of the STI funding categories, please enter the new rankings in column E, with any additional comments or pertinent information that will assist the STIP Unit when adjusting schedules. Please note that not all POs have existing committed projects in all STI funding categories. In addition, each project should have a unique ranking (i.e., no multiple #1s).

We highly encourage each PO and Division to set up meeting(s) to discuss proposed changes to the rankings and invite STIP Unit staff to participate virtually if desired (Ben Johnson for Divisions 1, 2, 3, 4, 6; David Wasserman for Divisions 5, 7, 8, 9; and Teresa Robinson for Divisions 10, 11, 12, 13, 14)

All revisions to the rankings are due by August 30th, to meet the schedule of releasing the Draft 2026-2035 in January 2025. Rankings are one input the STIP Unit will consider when developing the Draft STIP. Other considerations include (but not limited to) funding availability, project delivery schedule, project cost, project sequencing, whether the project

has been awarded a federal discretionary, and whether right-of-way has already been acquired or is actively underway.

Please feel free to reach out to Ben, Teresa, or me with any questions.

David

David Wasserman, P.E.

Deputy Director, Division of Planning and Programming
North Carolina Department of Transportation

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| MPO(S)/RPO(S) | DIVISION(S) | PREDOMINANT FUNDED STIP CATEGORY | SENIORITY RANK | REVISED RANK | ADDITIONAL COMMENTS FOR STIP UNIT (OPTIONAL) | STIP ID | MODE | PRIORITIZATION CYCLE COMMITTED | PRIORITIZATION CYCLE SCORE | ROUTE | DESCRIPTION | COUNTY(S) | TOTAL REMAINING STIP COST | CURRENT ROW START FISCAL YEAR | CURRENT UTIL START FISCAL YEAR | CURRENT CON START FISCAL YEAR |
|--------------------|-------------|----------------------------------|----------------|--------------|--|---------|------|--------------------------------|----------------------------|---------------------------|--|-----------|---------------------------|-------------------------------|--------------------------------|-------------------------------|
| Cabarrus-Rowan MPO | 9 | Region D | 1 | | | P-5726 | Rail | P4.0 | 50.92 | RAILROAD NORFOLK SOUTHERN | NS MAINLINE IN ROWAN COUNTY. CONSTRUCT TRACK IMPROVEMENTS, SECOND PLATFORM, PEDESTRIAN UNDERPASS, SITEWORK, RETAINING WALL AND SIGNAL EQUIPMENT. | ROWAN | \$ 13,600,000 | | | 2026 |

| MPO(S)/RPO(S) | DIVISION(S) | PREDOMINANT FUNDED STI CATEGORY | SENIORITY RANK | REVISED RANK | ADDITIONAL COMMENTS FOR STIP UNIT (OPTIONAL) | STIP ID | MODE | PRIORITIZATION CYCLE COMMITTED | PRIORITIZATION CYCLE SCORE | ROUTE | DESCRIPTION | COUNTY(S) | TOTAL REMAINING STI COST | CURRENT ROW START FISCAL YEAR |
|--|-------------|---------------------------------|----------------|--------------|--|---------|---------|--------------------------------|----------------------------|---------------------------------|---|-----------------------|--------------------------|-------------------------------|
| Cabarrus-Rowan MPO | 10 | Region E | 1 | | | U-5761 | Highway | P3.0 | 75.75 | NC 3 (DALE EARNHARDT BOULEVARD) | INTERSECTION OF NC 3 (DALE EARNHARDT BOULEVARD) AND US 29/601 (CANNON BOULEVARD). CONSTRUCT INTERSECTION IMPROVEMENTS. | CABARRUS | \$ 8,100,000 | |
| Cabarrus-Rowan MPO | 10 | Region E | 2 | | | U-5956 | Highway | P4.0 | 79.13 | US 29 | REALIGN UNION CEMETERY ROAD TO INTERSECT US 29 AT ROCK HILL CHURCH ROAD AND CONSTRUCT IMPROVEMENTS ALONG US 29 FROM 0.6 MILE WEST OF ROCK HILL CHURCH ROAD TO JUST EAST OF ROCK HILL CHURCH ROAD. | CABARRUS | \$ 24,199,000 | 2022 |
| Charlotte Regional TPO, Cabarrus-Rowan MPO | 10 | Region E | 3 | | | R-5706A | Highway | P4.0 | 76.01 | NC 73 (DAVIDSON HIGHWAY) | EAST OF SR 2693 (DAVIDSON-CONCORD ROAD) TO EAST OF SR 1394 (POPLAR TENT ROAD). | MECKLENBURG, CABARRUS | \$ 43,700,000 | 2024 |
| | | | | | | | | | | | | | \$ 75,999,000 | |

| MPO(S)/RPO(S) | DIVISION(S) | PREDOMINANT FUNDED STI CATEGORY | SENIORITY RANK | REVISED RANK | ADDITIONAL COMMENTS FOR STIP UNIT (OPTIONAL) | STIP ID | MODE | PRIORITIZATION CYCLE COMMITTED | PRIORITIZATION CYCLE SCORE | ROUTE | DESCRIPTION | COUNTY(S) | TOTAL REMAINING STI COST | CURRENT ROW START FISCAL YEAR | CURRENT UTIL START FISCAL YEAR | CURRENT CON START FISCAL YEAR | |
|--------------------|-------------|---------------------------------|----------------|--------------|--|---------|------------|--------------------------------|----------------------------|---|--|-----------------|--------------------------|-------------------------------|--------------------------------|-------------------------------|--|
| Cabarrus-Rowan MPO | 9 | Division 9 | 1 | 2 | | EB-5861 | Bike & Ped | P4.0 | 81.70 | THIRD STREET GREENWAY | WEST OF OLD MOCKSVILLE ROAD NEAR GRANTS CREEK AT EXISTING SALISBURY GREENWAY TO FIELDCREST CANNON LANE IN SPENCER. CONSTRUCT GREENWAY AND SIDEWALK. | ROWAN | \$ 3,578,000 | | | 2026 | |
| Cabarrus-Rowan MPO | 9 | Division 9 | 2 | 3 | | P-5733 | Rail | P5.0 | 74.40 | NORFOLK SOUTHERN | CITY OF SALISBURY. UPGRADE STATION BUILDING, EXPAND WAITING SPACE AND SURFACE PARKING. | ROWAN | \$ 3,200,000 | 2024 | | 2026 | |
| Cabarrus-Rowan MPO | 9 | Division 9 | 3 | 1 | | U-5901 | Highway | P5.0 | 73.11 | NEW ROUTE (AIRPORT PARKWAY) | US 70 / US 601 (JAKE ALEXANDER BOULEVARD) TO SR 2538 (PEELER ROAD) AT US 29 IN SALISBURY. CONSTRUCT 2-LANE ROADWAY. | ROWAN | \$ 55,302,000 | 2027 | 2027 | 2030 | |
| Cabarrus-Rowan MPO | 9 | Division 9 | 4 | 4 | | EB-5921 | Bike & Ped | P5.0 | 70.76 | SR 2739 (NORTH MAIN STREET) | 12TH STREET TO 22ND STREET IN KANNAPOLIS. CONSTRUCT SIDEWALK. | ROWAN | \$ 3,720,000 | 2028 | | 2031 | |
| Cabarrus-Rowan MPO | 9 | Division 9 | 5 | 5 | | U-6062 | Highway | P5.0 | 69.79 | SR 2739 (NORTH MAIN STREET / SOUTH MAIN STREET) | SR 2000 (JACKSON PARK ROAD) / NORTH LOOP ROAD IN KANNAPOLIS TO SR 1211 (KIMBALL ROAD) IN CHINA GROVE. UPGRADE ROADWAY INCORPORATING BICYCLE LANES AND SIDEWALKS. | ROWAN | \$ 64,944,000 | 2028 | 2028 | 2031 | |
| Cabarrus-Rowan MPO | 9, 10 | Division 9 | 6 | 6 | | R-5860A | Highway | P5.0 | 58.36 | US 52 | PROPOSED MISENHEIMER BYPASS TO PROPOSED ROCKWELL BYPASS. WIDEN TO 3-LANE ROADWAY. | ROWAN, CABARRUS | \$ 80,199,000 | 2027 | 2027 | 2029 | |
| | | | | | | | | | | | | | \$ 210,943,000 | | | | |

| MPO(S)/RPO(S) | DIVISION(S) | PREDOMINANT FUNDED STI CATEGORY | SENIORITY RANK | REVISED RANK | ADDITIONAL COMMENTS FOR STIP UNIT (OPTIONAL) | STIP ID | MODE | PRIORITIZATION CYCLE COMMITTED | PRIORITIZATION CYCLE SCORE | ROUTE | DESCRIPTION | COUNTY(S) | TOTAL REMAINING STI COST | CURRENT ROW START FISCAL YEAR | CURRENT UTIL START FISCAL YEAR | CURRENT CON START FISCAL YEAR |
|--|-------------|---------------------------------|----------------|--------------|--|---------|------------|--------------------------------|----------------------------|---|---|-----------------------|--------------------------|-------------------------------|--------------------------------|-------------------------------|
| Cabarrus-Rowan MPO | 10 | Division 10 | 1 | 2 | | EB-5732 | Bike & Ped | P3.0 | 73.32 | BRUTON SMITH BOULEVARD/ CONCORD MILLS BOULEVARD/ P | US 29 TO WEDDINGTON ROAD. CONSTRUCT SIDEWALK ON BOTH SIDES OF THE ROAD, INCLUDING A PORTION OF WEDDINGTON ROAD. | CABARRUS | \$ 4,880,000 | 2025 | | 2027 |
| Charlotte Regional TPO, Cabarrus-Rowan MPO | 10 | Division 10 | 2 | 3 | | U-6032 | Highway | P4.0 | 78.02 | SR 2467 (MALLARD CREEK ROAD)/ SR 1445 (DERITA ROAD) | I-485 TO SR 2894 (CONCORD MILLS BOULEVARD). WIDEN TO SIX LANES. | MECKLENBURG, CABARRUS | \$ 41,625,000 | 2022 | 2022 | 2027 |
| Cabarrus-Rowan MPO | 10 | Division 10 | 3 | 1 | | U-3415A | Highway | P4.0 | 73.37 | SR 1394 (POPLAR TENT ROAD) | EAST OF I-85 TO GEORGE LILES PARKWAY. WIDEN TO MULTI-LANES. | CABARRUS | \$ 41,512,000 | 2026 | 2026 | 2029 |
| Cabarrus-Rowan MPO | 10 | Division 10 | 4 | 4 | | R-2246A | Highway | P5.0 | 85.49 | GEORGE LILES PARKWAY | NC 49 TO SR 1304 (ROBERTA ROAD). | CABARRUS | \$ 31,101,000 | 2028 | 2028 | 2031 |
| | | | | | | | | | | | | | \$ 119,118,000 | | | |

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

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

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

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

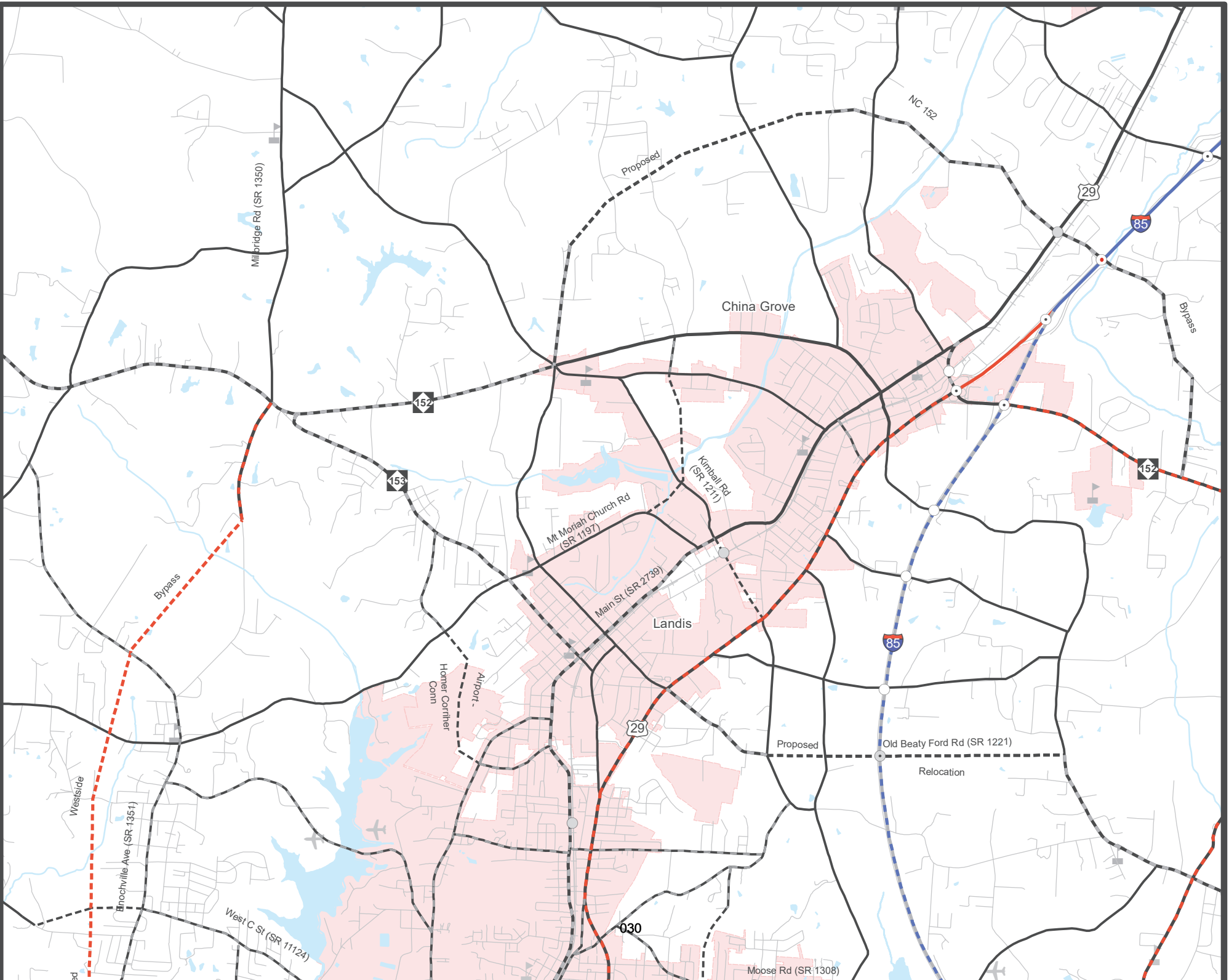
WHEREAS, after full study of the plan, the MPO Transportation Advisory Committee feel it to be in the best interest of the MPO to amend the plan pursuant to General Statutes 136-66.2;

NOW THEREFORE, BE IT RESOLVED: that the Cabarrus-Rowan MPO Comprehensive Transportation Plan as shown on a map dated August 28, 2024, be approved and amended as a guide in the development of the transportation system in the MPO and the same is hereby recommended to the North Carolina Department of Transportation for its subsequent adoption.

ADOPTED, this the 28th day of August 2024.

I, Brittany Barnhardt, hereby certify that the foregoing is a true and correct copy of a resolution adopted in an adjourned meeting of said MPO held on August 28, 2024. WITNESS my hand and official seal this the 28th day of August, 2024.

Signature of the TAC Chair
Transportation Advisory Committee



Millbridge Rd (SR 1350)

NC 152

Proposed

29

85

Bypass

China Grove

152

153

152

Kimball Rd (SR 1211)

Mt Moriah Church Rd (SR 1197)

Main St (SR 2739)

Landis

85

Bypass

Hamer-Corther Airport

29

Proposed

Old Beaty Ford Rd (SR 1221)

Relocation

Westside

Brookville Ave (SR 1351)

West C St (SR 1124)

030

Moose Rd (SR 1308)

*CABARRUS / ROWAN URBAN AREA
METROPOLITAN PLANNING
ORGANIZATION*



*FY 2025 Program of Projects
Rider Transit System*

How to Make Comments

The Cabarrus-Rowan Metropolitan Planning Organization (MPO) is holding a public comment period on the Draft Program of Projects document from September 2nd to September 30th. **Please submit any comments on the documents that you may have by Wednesday, October 2nd to:**

email: pconrad@rlcassoc.com

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

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

Locations of Plan Materials:

The document is also available online at www.crmppo.org.

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

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

Background

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

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

FY 2025 Program of Projects

The FY 2025 Program of Projects includes anticipated FTA formula grants under the following programs: Section 5303 Metropolitan Planning, Section 5307 Urbanized Formula, Section 5310 Enhanced Mobility of Seniors and Individuals with Disabilities, and Section 5339 Bus and Bus Facilities.

The FY 2025 Program of Projects also includes State Maintenance Assistance Program (SMAP) funds administered by NCDOT.

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

The MPO will seek public input on the Program of Projects under the MPO Public Participation Program. This includes a 28-day public comment period and a public review to be held at the October 23 TAC meeting. The Transportation Advisory Committee will be the body to approve the document.

Recommended Action: MPO Approval at the October 23 meeting.

Section 5307 Urbanized Area Formula Grants – FY 2025

TG-5103C Preventive Maintenance: Contracted Maintenance Capital Costs

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

| Total Costs: | Federal | Local | State |
|---------------------|----------------|--------------|--------------|
| \$1,500,000 | \$1,200,000 | \$300,000 | N/A |

TG-5103A Routine Capital

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

| Total Costs: | Federal | Local | State |
|---------------------|----------------|--------------|--------------|
| \$625,000 | \$500,000 | \$125,000 | N/A |

TG-5103B Routine Capital – ADA Service

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

| Total Costs: | Federal | Local | State |
|---------------------|----------------|--------------|--------------|
| \$375,000 | \$300,000 | \$75,000 | N/A |

TS-5116 Security Enhancements

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

| Total Costs: | Federal | Local | State |
|---------------------|----------------|--------------|--------------|
| \$25,000 | \$25,000 | N/A | N/A |

TO-5138 Fixed Route Operating Expenses*

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

| Total Costs: | Federal | Local | State |
|---------------------|----------------|--------------|--------------|
| \$2,713,000 | \$1,300,000 | \$1,100,000 | \$313,000 |

Section 5310 Enhanced Mobility of Seniors & Individuals with Disabilities – FY 2025

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

Section 5310 Operating (TA-5128B)

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

| Total Costs: | Federal: | Local: | State: |
|--------------|-----------|-----------|--------|
| \$450,000 | \$225,000 | \$225,000 | N/A |

Section 5310 Program Administration (TA-5128C)

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

| Total Costs: | Federal: | Local: | State: |
|--------------|----------|--------|--------|
| \$50,000 | \$50,000 | N/A | N/A |

Section 5310 Capital (TA-5128A)

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

| Total Costs: | Federal: | Local: | State: |
|--------------|-----------|-----------|--------|
| \$625,000 | \$500,000 | \$125,000 | N/A |

Section 5339 Bus and Bus Facility Program – FY 2025

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

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

| Total Costs: | Federal: | Local: | State: |
|--------------|-----------|----------|--------|
| \$250,000 | \$200,000 | \$50,000 | N/A |

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

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

| Total Costs: | Federal: | Local: | State: |
|--------------|-----------|-----------|--------|
| \$500,000 | \$400,000 | \$100,000 | N/A |

Section 5303 Planning Assistance – FY 2025

Planning Assistance – 5303 (TP-5118)

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

| Total Costs: | Federal: | Local: | State: |
|---------------------|-----------------|---------------|---------------|
| \$195,639 | \$156,511 | \$19,564 | \$19,564 |

Specific projects to be considered in FY25:

- System Consolidation and Implementation Plan (Rider Transit and CCTS)
- Cabarrus County Long Range Public Transit Master Plan revisioning
- ADA Transition Plan
- Rider Transit Bus Stop Amenity Program (ongoing)
- Public Transportation Agency Safety Plan
- CAD/AVL/Wi-Fi/APCs replacement
- Digital Fare Collection system upgrade
- ADA paratransit and revenue service/supervisor flex vehicle replacement procurement
- Evaluation of microtransit opportunities
- Rider Transit Center facility renovations (on-going)

RESOLUTION APPROVING THE FY 2025 PROGRAM OF PROJECTS FOR FEDERAL AND STATE TRANSIT GRANTS FOR THE CABARRUS-ROWAN MPO

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

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

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

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

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

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

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

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

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

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

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

NOW Therefore be it resolved, by the Cabarrus-Rowan Transportation Advisory Committee, to approve the FY 2025 Program of Projects, dated October 23, 2024, on this, the 23rd day of October, 2024.

Cabarrus-Rowan MPO
NCDOT Division 9 Transportation Update
 August 2024

| TIP / WBS No. | Description | Let Date | Completion Date | Status | Construction Cost | Contractor | Project Administrator | Comments |
|---|---|-------------------|--------------------|-----------------------------|-------------------|------------------------------|---------------------------------|---|
| Projects Under Construction | | | | | | | | |
| B-4626 38443.3.3 (C204446) | Replace Bridge #3 (EBL), and apply Bridge Preservation Treatment to Bridge #6 (WBL), over Yadkin River/W-S SB RR on NC 49 in Rowan County | February 1, 2022 | April 30, 2025 | 62% Complete | \$13,777,568 | Smith-Rowe | Eric Goldston (704) 630-3220 | Smith-Rowe completed unit 1 & 2 deck construction. Currently setting beams on unit 3. Project behind schedule due to various delays. Estimated completion October 2025. |
| 17BP.9.R.85 | Replace Bridge #198 and Bridge #199 over Crane Creek on SR 2529 (St. Paul Church Rd) in Rowan County | October 25, 2023 | January 22, 2025 | 75% Complete | \$1,213,212 | R.E. Burns & Sons | Eric Goldston (704) 630-3220 | RE Burns has constructed both new bridges and is completing final drainage, roadway, and paving work. Estimated open to traffic date is July 01, 2024. |
| 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 | 68% Complete | \$13,039,376 | J. T. Russell and Sons | Eric Goldston (704) 630-3220 | Traffic shifted to new alignment on December 08, 2023. Phase II of bridge, culvert extension, and roadway underway. Estimated completion early 2025. |
| 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 | TBA | 0% Complete | \$1,627,542 | Oglesby Construction | Eric Goldston (704) 630-3220 | Preconstruction conference held on May 23, 2024. Work schedule to start mid-August 2024. |
| Y-5500IA (DI00346) | 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 | 0% Complete | \$2,504,746 | NJR Group | Eric Goldston (704) 630-3220 | Clearing & grubbing on new alignment underway. Estimated open to traffic date is November 14, 2025. |
| 17BP.9.R.86 (DI00343) | Grading, Drainage, Paving, Structure improvements on SR 1516 (Airport Road) – Bridge No. 205 over Grants Creek | June 24, 2024 | May 15, 2025 | 0% Complete | \$1,403,684 | NJR Group | Kelly Seitz (704) 630-3200 | NJR closed Airport Rd to traffic with detour route on July 22, 2024. Estimated open to traffic date is November 14, 2025. |
| 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 | 19% Complete | \$4,651,490 | J. T. Russell and Sons | Kelly Seitz (704) 630-3200 | 2 of 9 roads on the contract are complete. Work on Organ Church Rd is underway. |
| 2024CPT.09.07.10801 2024CPT.09.08.20801 | 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 | Kelly Seitz (704) 630-3200 | Project will begin in 2025. |
| 2024CPT.09.14.20802.3 (DI00338) | Asphalt Surface Treatment, 23 Sections in Rowan County | April 8, 2024 | October 18, 2024 | 0% Complete | \$803,139 | Whitehurst Paving | Kelly Seitz (704) 630-3200 | Work is scheduled to begin in August 2024. |
| 49321.3.11 (DI00341) | Multiple Freeway and Expressway Ramp Pavement Markings in Davidson, Davie, Forsyth, Rowan, and Stokes County | April 8, 2024 | August 30, 2024 | 47% Complete | \$431,240 | Hickory Sealing and Striping | Kelly Seitz (704) 630-3200 | Preconstruction meeting completed March 27, 2024. Work has begun in Stokes, Forsyth, and Davidson Counties. |
| B-5772 45728.3.1 | Replace Bridge #66 over Norfolk Southern RR on SR 1724 (Hurley School Rd) in Rowan County | October 1, 2022 | November 26, 2025 | 80% Complete | \$2,880,727 | Smith-Rowe | Kelly Seitz (704) 630-3200 | Estimated completion with road opening by May 30, 2025. |
| Projects Under Development | | | | | | | | |
| 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. | February 28, 2025 | TBA | ROW Acquisition In Progress | \$2,900,000 | TBA | Brad Smythe (919) 707-4118 | Division POC - |
| P-5726B | Salisbury Norfolk Southern crossover relocation. | December 20, 2024 | TBA | ROW Acquisition In Progress | \$4,000,000 | TBA | Brad Smythe (919) 707-4118 | NON-DOT Let - |
| P-5733 47612.3.1 | NS Main - Rowan County - Upgrade Station Building, expand waiting space and surface parking | October 21, 2025 | TBA | ROW Acquisition 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. |

Cabarrus-Rowan MPO
NCDOT Division 9 Transportation Update
 August 2024

| TIP / WBS No. | Description | Let Date | Completion Date | Status | Construction Cost | Contractor | Project Administrator | Comments |
|--|---|---|---|---|-------------------|---|---------------------------------|--|
| Projects Under Development | | | | | | | | |
| 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) - |
| W-5709E 44855.3.5 | Construct Roundabout and other safety improvements at Intersection NC 153 (Rice Street) and SR 1197 (Cannon Farm Rd) in China Grove | August 28, 2024 | TBA | Utility Relocations Being Scheduled. | \$2,800,000 | TBA | Matt Jones (336) 747-7800 | Division POC Let (DPOC) - Project is progressing with design and right of way acquisition. Right of way acquisitions are complete, working to begin utility relocations. Project is being prepared for August 2024 letting. |
| HE-0009 | NC 152 Improvements with Proposed Access Road East of I-85/US 601 in China Grove | September 25, 2024 | TBA | ROW Acquisition In Progress | \$6,300,000 | TBA | Ryan Newcomb (336) 747-7800 | Economic Development project. Final plans are complete pending ROW acquisition and utility relocations. Let date delayed due to ROW delays and utility relocations. |
| U-5901 44705.3.1 | Airport Parkway –Construct 2-lane roadway on Multilane right of way in new location from SR 1710 (Harrison Rd) near US 70/601 (Jake Alexander Blvd) to SR 2539 (Peach Orchard Rd) at US 29 in Salisbury | 2030 | TBA | Planning/Design In Progress ROW Acquisition 2027 | \$39,502,000 | TBA | Ryan Newcomb (336) 747-7800 | DDRL - Raleigh Let. Express design update in progress to update project estimate. 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 scheduled for July 25, 2024. |
| U-6062 47486.3.1 | Upgrade SR 2739 (N. Main St and S. Main St) to incorporate Bicycle Lanes and Sidewalks, from SR 2000 (Jackson Park Rd/N. Loop Rd) in Kannapolis to SR 1211 (Kimball Rd) in China Grove | 2031 | TBA | ROW Acquisition 2028 | \$28,400,000 | TBA | Ryan Newcomb (336) 747-7800 | DDRL - The PE work for this project has been 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. |
| State Forces Projects Under Development | | | | | | | | |
| 48921 | Construct right turn lane on SR 1210 (Old Beatty Ford Rd) at US 29. | TBA | TBA | ROW Acquisition Complete. Utility Relocations Required. | \$361,000 | State Forces | Matt Jones (336) 747-7800 | High Impact Low Cost (HILC) project - On schedule. ROW has been settled. Project on hold pending review of possible RCI concept at the request of Landis. Division is scheduled to attend the Landis Town Council meeting in July to provide a project overview for the RCI concept. |
| Division Bridge Projects Under Development | | | | | | | | |
| 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 In Progress | \$900,000 | TBA | Jeremy Keaton (336) 747-7800 | Project is on schedule. |
| BP9-R004 BP9-R004.3 (formerly 17BP.9.R.78) | Replace Bridge #235 over Unnamed Creek on SR 1322 (Ebenezer Rd) in Rowan County | November 13, 2024 | TBA | ROW Acquisition In Progress | \$750,000 | TBA | 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. |
| Locally Administered Projects Under Development | | | | | | | | |
| BL-0034 | US 601 from north of Kelsey Scott Park Greenway to end of Salisbury Mall project in Salisbury. Construct sidewalk connections to Salisbury Greenway/Carolina Thread Trail. | September 30, 2025 | TBA | ROW Acquisition December 31, 2024 | \$604,000 | TBA | Wendy Brindle (704) 638-5201 | Non-DOT let (LAP) - City of Salisbury - City proposing to take project down and move funds to C-5603H. |
| C-5603D 43713.3.4 | Construct sidewalks on Old Concord Rd from Ryan St to Jake Alexander Blvd | June 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 | June 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. |

Cabarrus-Rowan MPO
NCDOT Division 9 Transportation Update
 August 2024

| TIP / WBS No. | Description | Let Date | Completion Date | Status | Construction Cost | Contractor | Project Administrator | Comments |
|--|--|--------------------|--------------------------------------|------------------------------------|-------------------|------------|------------------------------|---|
| Locally Administered Projects Under Development | | | | | | | | |
| 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) - 25% plans nearing completion. |
| 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. |
| 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. |
| 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) - MPEF selection pending. |
| Completed Projects | | | | | | | | |
| 2022CPT.09.07.10801, 2022CPT.09.08.20801 (C204678) | 2 sections of NC-152, 1 section of NC-153, and 23 sections of secondary roads. | November 16, 2021 | Anticipated completion June 30, 2024 | 93% Complete | \$6,499,914 | NJR Group | Kelly Seitz (704) 630-3200 | All roads on the contract have been paved. Contractor is working on punch list and subs are placing pavement markings. Estimated completion is early August 2024. |

| TIP/WBS No# | DESCRIPTION | LET DATE | COMPLETION DATE | CONSTRUCTION COST | CONTRACTOR | PROJECT ADMINISTRATOR | COMMENTS | |
|--|---|--|--------------------------|-------------------|-------------------------|---|--|--|
| R A I L R O A D | RAILROAD PROJECTS | | | | | | | |
| | PROJECTS UNDER DEVELOPMENT | | | | | | | |
| | Y-4810K | Rogers Lake Road 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 Michael Mariano 704-983-4400 | Project is currently under CON. |
| P-5725 | Kannapolis Train Station Second Platform and Pedestrian Overpass | Summer 2025 | TBD | 13.4 M | TBD | NCDOT Brad Smythe 919-707-4118 | Utility Relocations being performed. Pending Railroad CON Agreement, completion. | |
| I 8 5 | I-85 PROJECT | | | | | | | |
| | PROJECTS UNDER DEVELOPMENT | | | | | | | |
| I-3802AA | I-85 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 Michael Mariano 704-983-4400 | Project is currently under CON. Allotted 510 days to Complete construction. | |
| U R B A N P R O J E C T S | URBAN PROJECTS | | | | | | | |
| | ACTIVE CONSTRUCTION PROJECTS | | | | | | | |
| | U-3440 | NC 3 Kannapolis. 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 Jon Hinson 980-523-0085 | Contractor is preparing final asphalt surface layer throughout the entire project. |
| | PROJECTS UNDER DEVELOPMENT | | | | | | | |
| U-5761 | NC 3 (Dale Earnhardt Blvd.) Kannapolis Improve Intersection of NC 3 and US 29/601 | R/W-2022 LET 2026 | 2028 PROJECTED | 10.9 M | RS&H | NCDOT Donald Griffith 704-983-4418 | ROW Acquisition has been paused due to utility revisions and will resume once markups are complete. Schedule change is complete and properly reflected in SAP. | |
| U-6032 | Mallard Creek Road (SR-2467)/ Derita Rd (SR-1445) from I-485 to Concord Mills Blvd. Widen to 6 lanes | R/W-2022 LET 2026 | 2029 PROJECTED | 25 M | KCI | NCDOT Donald Griffith 704-983-4418 | PE work continues. ROW acquisition resumed March 2024. | |
| U-5956 | US 29 Concord. Realign Union Cemetery Road to Intersect US 29 at Rock Hill Church Road | R/W-2022 LET 2025 | 2027 PROJECTED | 18.7 M | Kimley-Horn | NCDOT Randy Bowers 704-983-4400 | ROW Acquisition in progress. | |

| | TIP/WBS No# | DESCRIPTION | LET DATE | COMPLETION DATE | CONSTRUCTION COST | CONTRACTOR | PROJECT ADMINISTRATOR | COMMENTS |
|------------------|-------------|---|----------------------|-------------------|-------------------|------------|--|---|
| E C T S | U-3415A | SR 1394 Poplar Tent Rd. Concord Derita Road to George Liles Pkwy. Widen to 4 lane divided | R/W-2026 LET-2029 | 2031 PROJECTED | 20.5 M | TBD | NCDOT Donald Griffith 704-983-4418 | PROJECT HAS RESTARTED and moving forward. Working toward 25% plans. |
| | U-6029 | SR 1394 Poplar Tent Rd. Concord Derita Road to NC 73. Widen to 4 lanes | | | | | NCDOT Sean Epperson 704-983-4400 | PROJECT NOT FUNDED |

| | |
|--------|---------------------|
| C P | CONGESTION PROJECTS |
|--------|---------------------|

| | |
|--|-------------------------|
| | HIGHWAY SAFETY PROJECTS |
|--|-------------------------|

| ACTIVE CONSTRUCTION PROJECTS | | | | | | | | |
|------------------------------|---------------------|--|---------------|-------------|--------|------------------|--|---|
| S A F E | 47866/ SS-4910CK | Poplar Tent Rd. at Rock Hill Church Road & Eva Drive Concord Intersection improvements | March 2023 | Summer 2024 | 1.48 M | NJR Group | NCDOT Michael Mariano 704-983-4380 | PROJECT COMPLETE. Currently awaiting vegetation establishment. |
| | W-5710AO | Salisbury-Concord Road/Old Concord Rd. Kannapolis to Irish Potato Road. Install Roundabout | December 2023 | Summer 2024 | 1.12 M | JT Russell | NCDOT Michael Mariano 704-983-4380 | CON is underway. Active DETOUR is currently in place. |
| | HS-2010M | Various Locations - WRONG WAY markings and signs. | February 2024 | 350 days | 675K | TMI Services | NCDOT Brady McKenzie 704-218-5125 | Floating availability date between: March 11, 2024 and May 6, 2024. Once the contractor elects to begin work he will have 350 days to complete the project. Contract #: DJ00504 |
| | HS-2010O | NC 73. Install rumble strips and long life pavement markings. | March 2024 | 70 days | 622K | TRP Construction | NCDOT Michael Mariano 704-983-4380 | CON is underway. Project is tracking ON-TIME. |
| | HS-2010P | NC 49; US 601; and, NC 3. Install rumble strips and long life pavement markings. | March 2024 | 60 days | 453K | TRP Construction | NCDOT Michael Mariano 704-983-4380 | CON is underway. Project is tracking ON-TIME. |
| | HS-2010D | NC 24/27 and Bethel School Road Half RCI | February 2024 | Winter 2024 | 662 K | JT Russell | NCDOT Michael Mariano 704-983-4380 | CON is underway. |

Cabarrus-Rowan MPO
Division 10 Transportation Update
8/9/2024

| TIP/WBS No# | DESCRIPTION | LET DATE | COMPLETION DATE | CONSTRUCTION COST | CONTRACTOR | PROJECT ADMINISTRATOR | COMMENTS | |
|-------------|-----------------------------------|--|-----------------|-------------------|------------|---|--|---|
| Y | HS-2010F | NC 24/27 and Pine Bluff/Reed Mine Road RCI | February 2024 | Winter 2024 | 750 K | JT Russell | NCDOT Michael Mariano 704-983-4380 | CON is underway. |
| | PROJECTS UNDER DEVELOPMENT | | | | | | | |
| | HS-2010Q | NC 49 @ Old Airport Road - Covert to RCI | Spring 2027 | | | | NCDOT Donald Harward 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 Donald Harward 704-983-4400 | Project scope area overlaps with Developer's scope of work. Project to be released once the Developer is completed. |
| HS-2010H | NC 49 and Zion Church Road RCI | Winter 2025 | TBD | 1.95 M | TBD | NCDOT Donald Harward 704-983-4400 | Project in ROW Acquisition Phase. | |

| BRIDGE PROJECTS | | | | | | | | |
|-------------------------------------|---------------|---|----------------|----------------------------|--------|-------------------|--|--|
| ACTIVE CONSTRUCTION PROJECTS | | | | | | | | |
| I D G E | BP10.C002 | Pipe 120247 St. Stephens Road / Mt. Pleasant Replace Pipes over Butcher Branch | September 2023 | Spring 2024 | 800 K | Kemp Sigmon | NCDOT Michael Mariano 704-983-4380 | Culvert is completed. Road is OPEN. Currently awaiting on vegetation to be established. |
| | B-5808 | Bridge 120057 & 120059 (US 29/601) over Irish Dutch Buffalo Creek near Poplar Tent Road | July 2023 | Spring 2027 | 11.7 M | Dane Construction | NCDOT Michael Mariano 704-983-4380 | Phase I structure is complete. Currently constructing Phase II of the new structure. |
| | B-5810 | Bridge 120022 /NC24-27. Locust, NC. Replace bridge over Rocky River | August 2022 | Summer 2024 | 6.1 M | Dane Construction | NCDOT Michael Mariano 704-983-4380 | PROJECT COMPLETED. Tracking End 8-24 |
| | B-5813 | Bridge 120132 / NC 73 over Dutch Buffalo Creek | January 2022 | Spring 2024 | 4.3 M | NJR Group | NCDOT Michael Mariano 704-983-4380 | CON began in March 2022. Work was delayed due to lack of available ductile iron pipe. Traffic is on new bridge and demo of old structure is almost complete. |
| PROJECTS UNDER DEVELOPMENT | | | | | | | | |
| P | B-5372 | Bridge 120109 / SR 1706 Kannapolis Bridge on (East First Street) over US 29 | Fall 2024 | TBD | 5.8 M | TBD | NCDOT Garland Haywood 704-983-4400 | Currently in design. ROW acquisition & Permitting in progress. LET has been delayed. |
| | 17BP.10.R.110 | Bridge 120105 / E. Gold Hill Road Mt. Pleasant Replace bridge over branch of Big Bear Creek | Spring 2025 | Spring 2026 ⁰⁴³ | 895 K | TBD | NCDOT Garland Haywood 704-983-4400 | Project Currently in Design - LET date accelerated in response to additional funding. |

Cabarrus-Rowan MPO
Division 10 Transportation Update
8/9/2024

| | TIP/WBS No# | DESCRIPTION | LET DATE | COMPLETION DATE | CONSTRUCTION COST | CONTRACTOR | PROJECT ADMINISTRATOR | COMMENTS |
|---|-------------|---|-------------|-----------------|-------------------|------------|--|--|
| R | 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. |
| | BR-0181 | 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. |
| O | 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. |
| J | BP10.R034 | Bridge 120073 / SR 2416 (Mt Olive Road) Mt. Pleasant over Branch of Dutch Buffalo Creek | Fall 2026 | Summer 2027 | 750 K | TBD | NCDOT Randy Bowers 704-983-4400 | Project Currently in Design. Contract LET delayed 2 years due to estimated cost of CON potential and funding source. |
| E | BP10.R047 | Bridge 120083 / SR 2408 (Gold Hill Road) over Dutch Buffalo Creek | Winter 2025 | Summer 2027 | 900 K | TBD | NCDOT Garland Haywood 704-983-4400 | Project Currently in Design - LET date accelerated in response to additional funding. |
| | 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.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. |

| MUNICIPAL PROJECTS | | | | | | | | |
|------------------------------|----------------------------|--|-------------|-------------|-------|---------------------------|--|---|
| ACTIVE CONSTRUCTION PROJECTS | | | | | | | | |
| M U N I C | U-6098/47706 | (PHASE II) Cabarrus County -Various; Left turn lane at NC 73 and SR 1430 // Turn lanes at access rd. NC 73 // RAB SR 1620 & SR 1621 // Extend storage I-85 ramps | Spring 2023 | Summer 2024 | 2.7 M | Sealand Contractors Corp. | City of Kannapolis NCDOT Marc Morgan 704-983-4360 | Phase I is completed. *A small section of Phase II was completed during the CON of Phase I. Anticipated completion Date: Summer 2024. |
| | PROJECTS UNDER DEVELOPMENT | | | | | | | |
| | C-5603I | US 601 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 Jeff Burleson 704-983-4400 | Awaiting 75% plan submittal. ROW Auth proposed 9/30/24. |

Cabarrus-Rowan MPO
Division 10 Transportation Update
8/9/2024

| | TIP/WBS No# | DESCRIPTION | LET DATE | COMPLETION DATE | CONSTRUCTION COST | CONTRACTOR | PROJECT ADMINISTRATOR | COMMENTS |
|--|-------------|---|----------------------|-----------------|-------------------|------------|--|---|
| I P A L P R O J E C T S | 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 | PROJECT IS REACTIVATED Additional funding is needed to move forward. |
| | C-5603F | Bethpage Road From South Main Street to Leonard Avenue and from Westgreen Drive to Klondale Avenue sidewalk | Fall 2025 | TBD | 208 K | TBD | Kannapolis NCDOT Jeff Burleson 704-983-4400 | Awaiting 75% plan submittal. ROW Auth proposed 11/1/24. |
| | EB-5844 | Little Texas Road Lane Street to Dale Earnhardt Blvd sidewalk | Fall/Winter 2025 | TBD | 2.1 M | | Kannapolis NCDOT Jeff Burleson 704-983-4400 | ROW Auth awarded 6/17/24. |
| | HL-0062 | NC 49 from Morehead Rd to Cedar Dr-Access Management Improvement | Spring 2026 | TBD | | | Harrisburg NCDOT Jeff Burleson 704-983-4400 | Working on Design Firm selection and rate approval. |
| | HL-0063 | Caldwell Rd from US 29 to NC 49-Intersection Improvement and Roadway Extension | Spring 2026 | TBD | 4.2 M | TBD | Harrisburg NCDOT Jeff Burleson 704-983-4400 | Working on Design Firm selection and rate approval. |
| | HL-0001 | Poplar Tent Road Improvements (Moss Drive to Fullerton PI Drive) | Spring 2026 | TBD | 3.9 M | TBD | Concord NCDOT Jeff Burleson 704-983-4400 | (PE, ROW, CON) Discussing design options and Environmental Document. |
| | BL-0060 | Cox Mill Road Loop Greenway & Bicycle/Ped bridge | Fall 2025 | TBD | 1.9 M | TBD | Mt Pleasant NCDOT Jeff Burleson 704-983-4400 | CON PHASE ONLY Agreement executed 1/20/23. |
| | BL-0086 | Hickory Ridge Rd and Stallings Rd sidewalks | Winter 2026 | TBD | 1.5 M | TBD | Harrisburg NCDOT Jeff Burleson 704-983-4400 | PE Funds Authorized 2023. Working on PEF rate negotiations. |
| | BL-0087 | Elm Ave, Glenn St, Crowell Dr, & Cedar Dr sidewalk | Spring 2025 | TBD | 1.6 M | TBD | Concord NCDOT Jeff Burleson 704-983-4400 | Agreement executed February 2024. PE authorization 6/27/24. Working on ROW acquisition and final plans. |

| | |
|--------|----------------------------|
| R U | RURAL PROJECTS |
| | PROJECTS UNDER DEVELOPMENT |

| | TIP/WBS No# | DESCRIPTION | LET DATE | COMPLETION DATE | CONSTRUCTION COST | CONTRACTOR | PROJECT ADMINISTRATOR | COMMENTS |
|--|--|---|----------------------|-----------------|-------------------|-----------------------------|--|--|
| R A L | 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 Travis Preslar 704-983-4400 | PROJECT HAS RESTARTED. Design firm is prepped to resume work. |
| | VARIOUS PROJECTS | | | | | | | |
| ACTIVE CONSTRUCTION PROJECTS | | | | | | | | |
| V A R I O U S | BO-2410A | VARIOUS LOCATIONS - Installation of curb ramps. | August 2024 | Spring 2025 | 250K | | NCDOT Tim Kirk 704-983-4400 | Curb ramps will be constructed in Anson, Cabarrus and Stanly Counties. Cabarrus focus will be in Mt. Pleasant. |
| | 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 Marc Morgan 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 Marc Morgan 704-983-4380 | Scheduled to start August 2024 |
| | 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 Marc Morgan 704-983-4380 | Scheduled to start Spring 2025 |
| | HE-0015 | NC 49 @ Prince Circle (West of General Services Drive SW) Convert existing full access crossover to reduced conflict intersection with leftovers and signalized U-turn leftovers. | December 2023 | Summer 2024 | 2 M | Nassiri Development | NCDOT Marc Morgan 704-983-4380 | Median worked completed and signals are installed. Project CON is on schedule and slated to be complete this Summer. |
| | 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 Marc Morgan 704-983-4380 | Contractor slated to begin Fall 2024. |
| | R-5790JH | VARIOUS LOCATIONS - Installation of curb ramps. | November 2023 | Summer 2025 | 690 K | TBD | NCDOT Jon Hinson 980-523-0080 | CON is underway and on schedule. |
| | R-5790JG 44920.3.15 | VARIOUS LOCATIONS - Installation of curb ramps. | April 2023 | Fall 2024 | 486 K | East Construction Co., LLC | NCDOT Jon Hinson 980-523-0080 | Project is under CON. Estimated completion date is Fall 2024. |

Cabarrus-Rowan MPO
 Division 10 Transportation Update
 8/9/2024

| TIP/WBS No# | DESCRIPTION | LET DATE | COMPLETION DATE | CONSTRUCTION COST | CONTRACTOR | PROJECT ADMINISTRATOR | COMMENTS |
|--|---|--------------|-----------------|-------------------|--------------------|---|--|
| 2023CPT.10.1 5.20131 - Contract DJ00453 | VARIOUS LOCATIONS - 9 sections of secondary roads | March 2023 | Fall 2024 | 2.4 M | NJR Group, Inc. | NCDOT Marc Morgan 704-983-4380 | CON is underway. Project is tracking ON-TIME. |
| 2023CPT.10.1 4.10131 - Contract DJ00447 | VARIOUS LOCATIONS - 1 Section of NC 3 and 3 sections of secondary roads | January 2023 | Fall 2024 | 2.3 M | NJR Group, Inc. | NCDOT Marc Morgan 704-983-4380 | Contractor slated to begin Fall 2024. |
| PROJECTS UNDER DEVELOPMENT | | | | | | | |



NORTH CAROLINA
Department of Transportation

Comprehensive Safety Action Plans

Brian Mayhew

Brian Murphy

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

Planning with a Purpose

Where and how do people want to travel in the region?

What projects advance mobility and access?

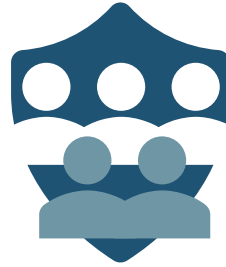
How do we eliminate traffic deaths?

What is the vision for overall system performance?

A Transportation Safety Plan is not...



Occupational Safety



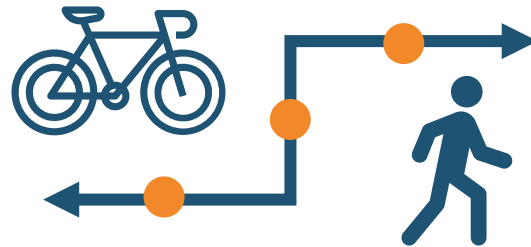
Public Safety



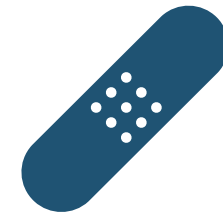
Personal Security



Reactive



Mode-Specific



Quick Fix

A Transportation Safety Plan is...



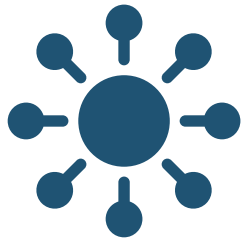
Based on a vision
and commitment



Data-driven



Stakeholder-led



Reactive and
Proactive



Multimodal



Focuses on short-term
needs and long-term goals

Goals/Objectives of the Plan

Leadership and Technical Commitment – Develop Goals, Objectives, and Policies that align with State Safety Plans. The Technical Steering Committee to provide technical oversight of the Action Plan.

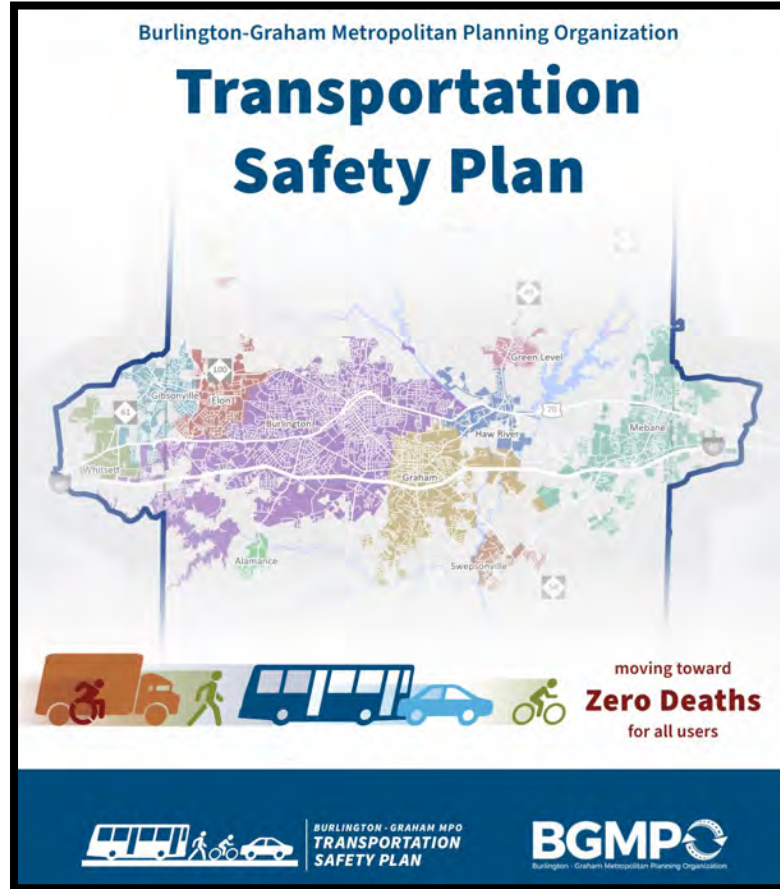
Data Analysis – Uncover safety problems and risks through an inventory and analysis of crash conditions and safety trends including an HIN.

Engagement and Equity– Outreach to underserved populations through community events and engagement through focus groups, online surveys, and website information.

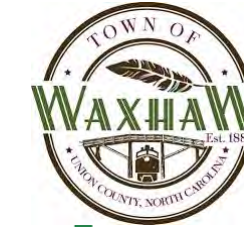
Performance Measures and Transparency – Develop a Crash Reduction Strategy that serves to reach regional safety targets and a significant reduction in serious injuries and fatalities.

Strategies and Projects – Develop a Countermeasure Toolbox considering all disciplines and elements of the Safe System Approach. Produce recommendations for new or revised policy, guidelines, and planning processes to integrate roadway safety into long-term improvement.

A Transportation Safety Plan is...



<http://www.bgmpotransportationsafetyplan.com/>



Goals for a Safety Plan



Achieve significant reduction in fatalities and serious injuries on the region's transportation system.

**Inform
other regional
efforts**

**Increase
awareness of
transportation
safety and risks**

**Identify
needs and
recommended
safety
improvements**

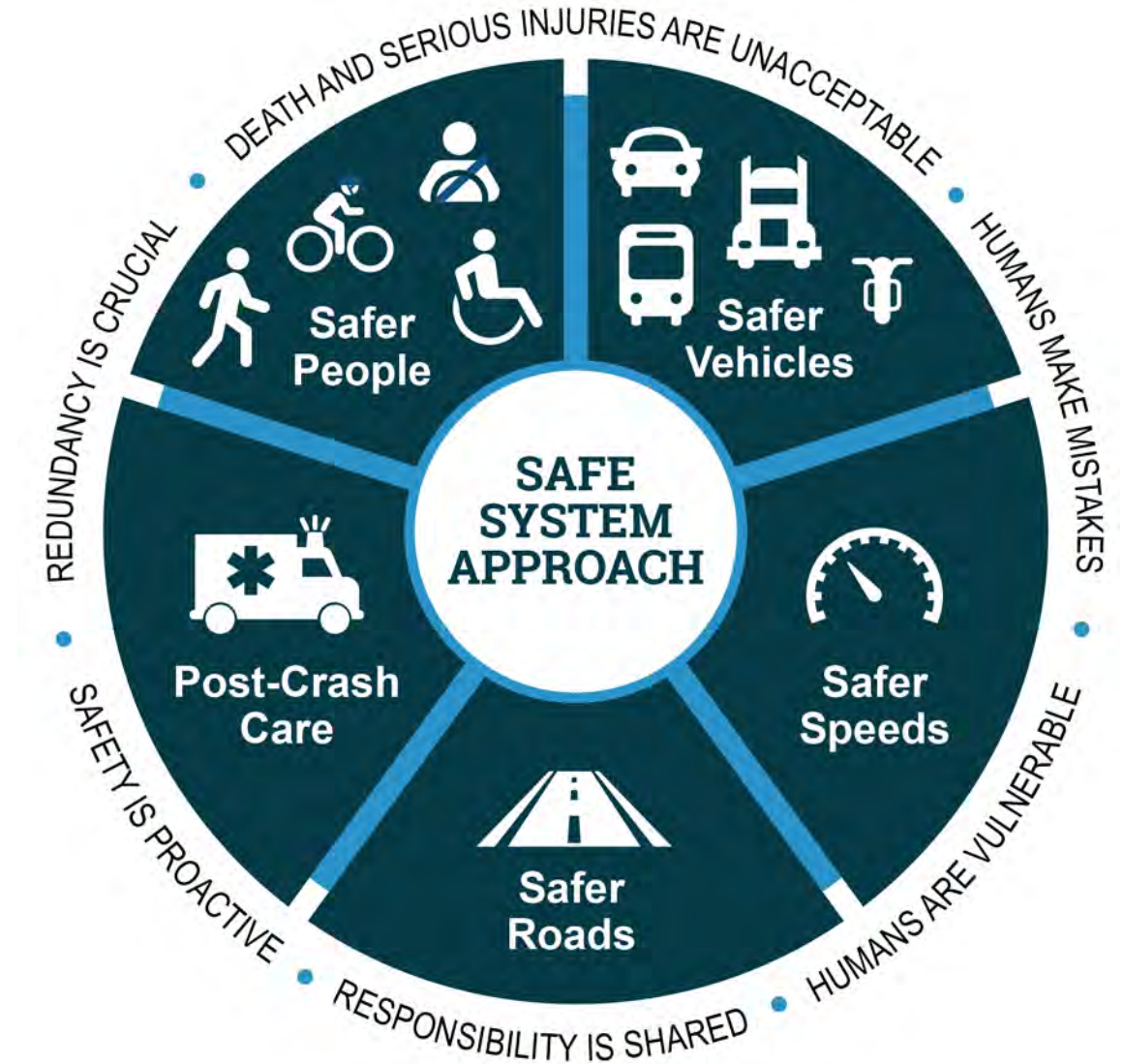
**Ensure
consistency
with HSIP and
USDOT funding
programs**

**Follow a
Safe System
Approach**

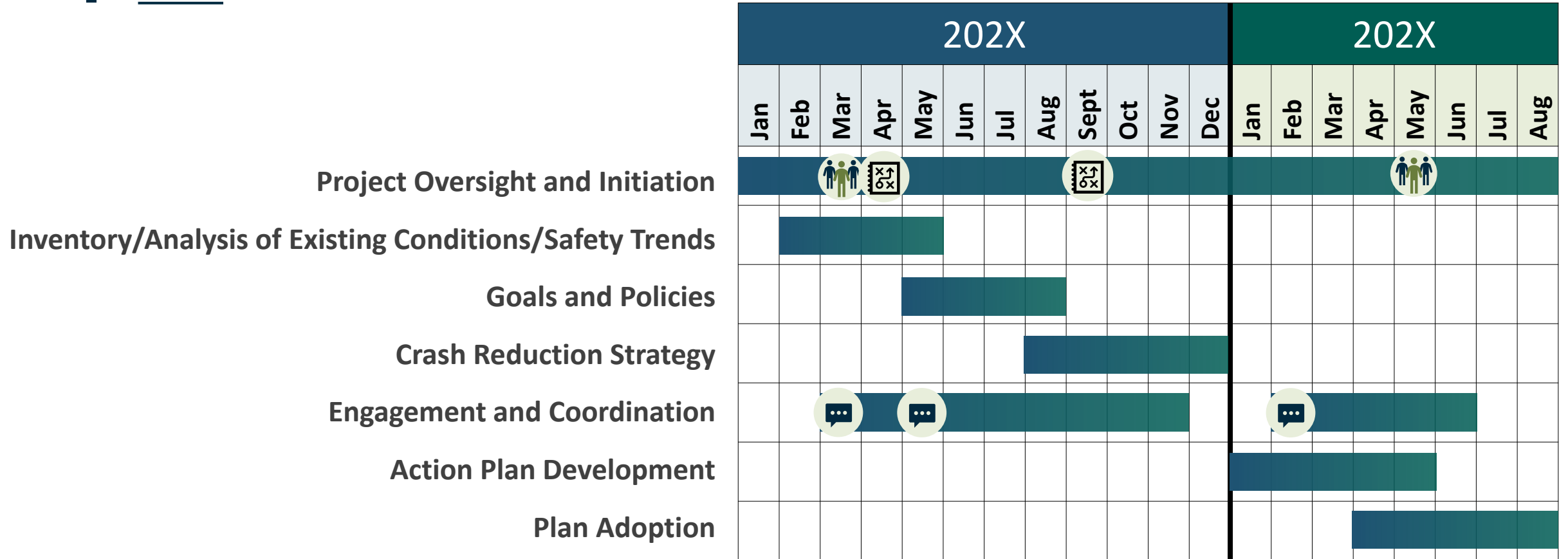
How are safety plans created?



Safety in Planning



What might the tasks and timeline for a safety plan look like?



Leadership Workshop



Local Safety Plan Coordination

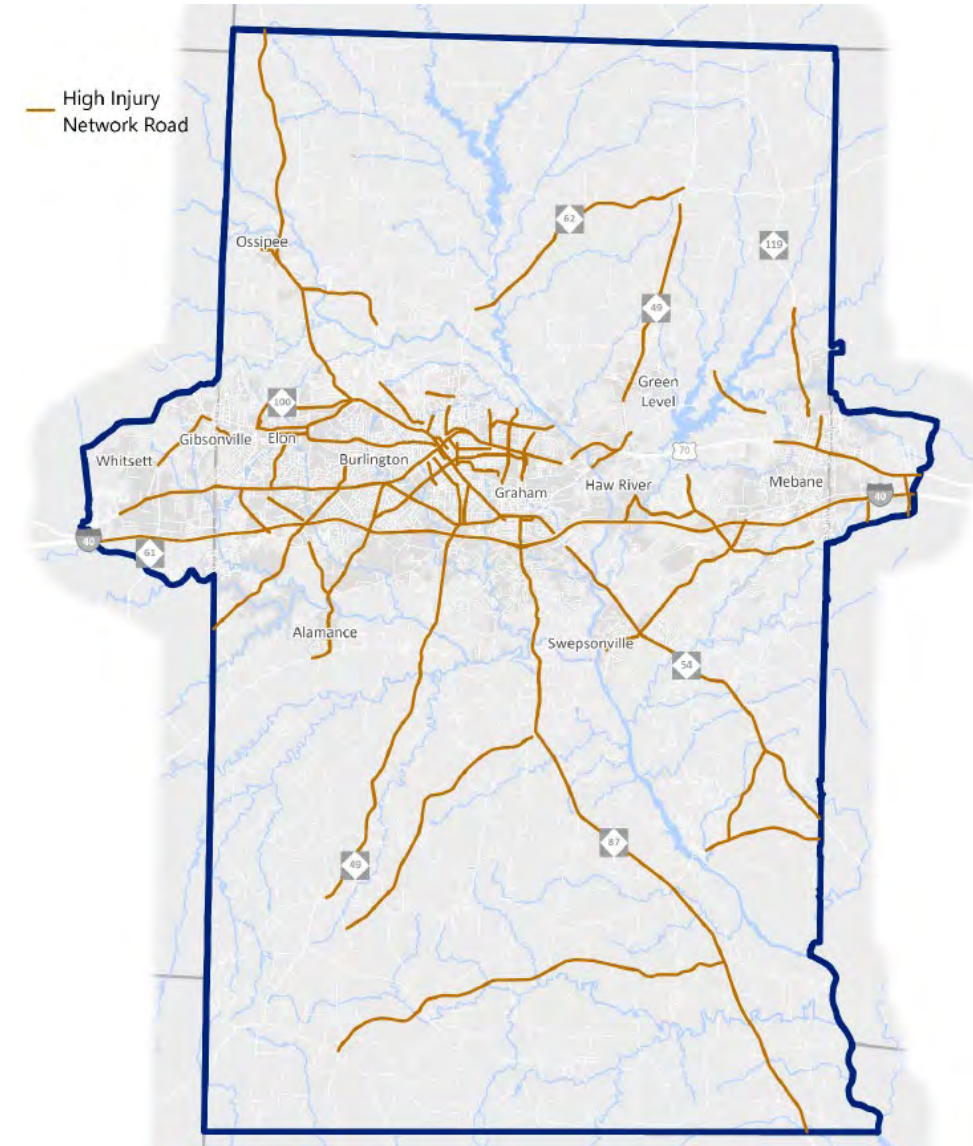


Technical Advisory Team Meetings

Inventory and Analysis

High Injury Networks and Noteworthy Safety Problems


-  Intersection Related
-  Distracted Driving
-  Lane Departure
-  Novice Driver Related (Younger Drivers and others with less driving experience)
-  Older Driver Related
-  Vulnerable Road Users (Pedestrians, Bicyclists, and Mobility Impaired Individuals)



Inventory and Analysis

Crash Countermeasures and Safety Strategies

North Carolina Project Development
Crash Reduction Factor (CRF) Information



North Carolina Department of Transportation
Traffic Safety Unit

Proven Safety Countermeasures

SPEED MANAGEMENT



Speed Safety Cameras



Variable Speed Limits



Appropriate Speed Limits for All Road Users

ROADWAY DEPARTURE



Wider Edge Lines



Enhanced Delineation for Horizontal Curves



Longitudinal Rumble Strips and Stripes on Two-Lane Roads



SafetyEdge™



Roadside Design Improvements at Curves



Median Barriers

INTERSECTIONS



Backplates with Retroreflective Borders



Corridor Access Management



Dedicated Left- and Right-Turn Lanes at Intersections



Reduced Left-Turn Conflict Intersections



Roundabouts



Systemic Application of Multiple Low-Cost Countermeasures at Stop-Controlled Intersections



Yellow Change Intervals

PEDESTRIANS/BICYCLES



Crosswalk Visibility Enhancements



Bicycle Lanes



Rectangular Rapid Flashing Beacons (RRFB)



Leading Pedestrian Interval



Medians and Pedestrian Refuge Islands in Urban and Suburban Areas



Pedestrian Hybrid Beacons



Road Diets (Roadway Reconfiguration)



Walkways

Crosscutting



Pavement Friction Management



Lighting



Local Road Safety Plans

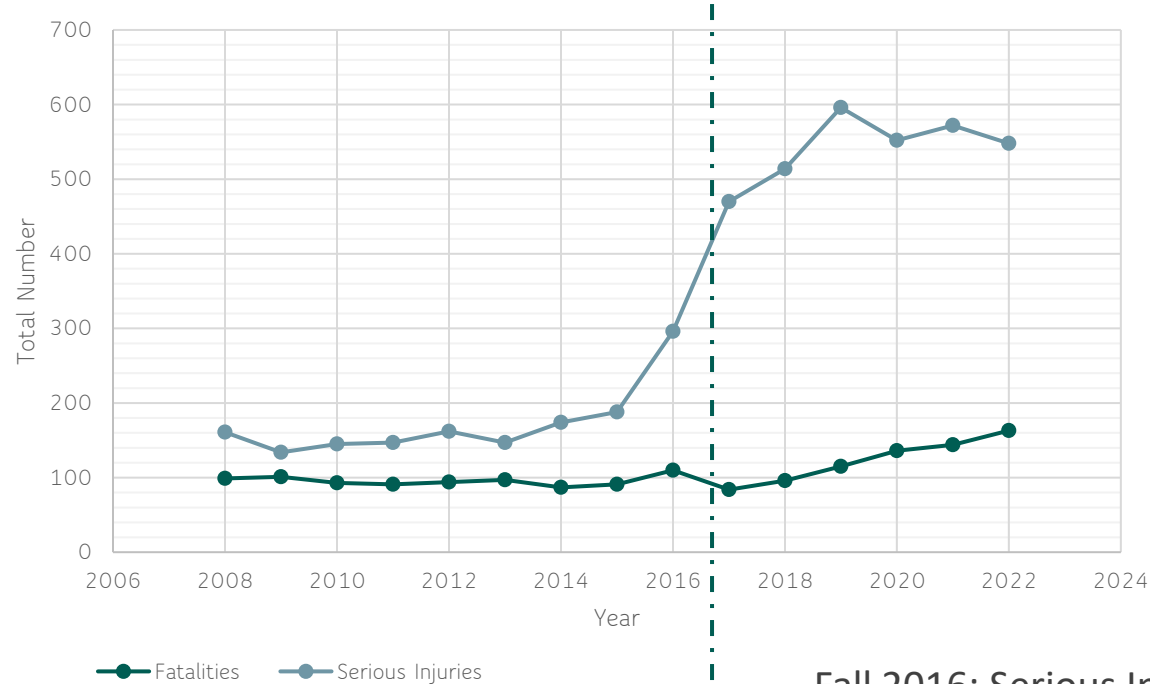


Road Safety Audit

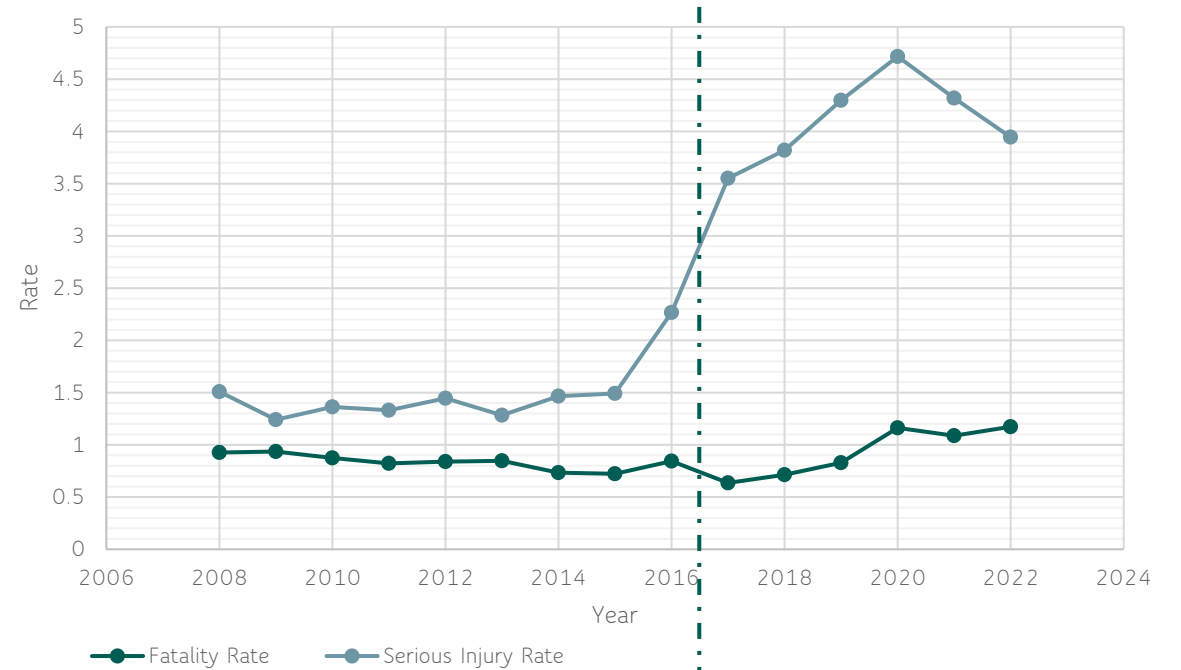
Safety Data

Fatalities and Suspected Serious Injuries

Fatality and Serious Injury Crashes by Year



Fatality and Serious Injury Rate by Year



Fall 2016: Serious Injury
Definition Changes

Safety Data - Population



Safety Data – What? Emphasis Areas



INTERSECTIONS



LANE DEPARTURE



OCCUPANT PROTECTION



ALERTNESS



SPEED



MOTORCYCLISTS



YOUNGER DRIVERS



OLDER DRIVERS



PEDESTRIANS, BICYCLISTS, AND
PERSONAL MOBILITY

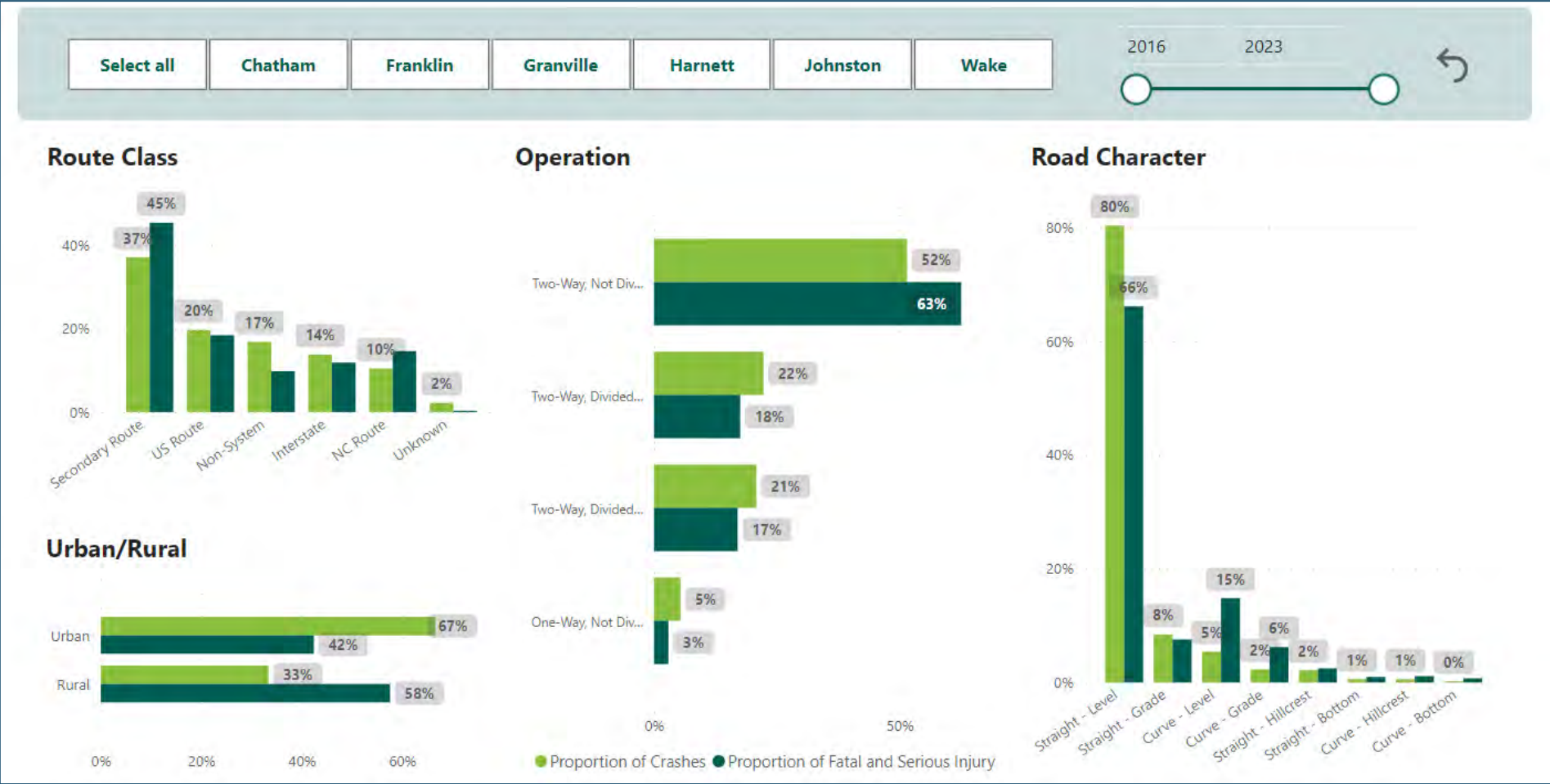


SUBSTANCE IMPAIRED DRIVING

Safety Data – Emphasis Areas

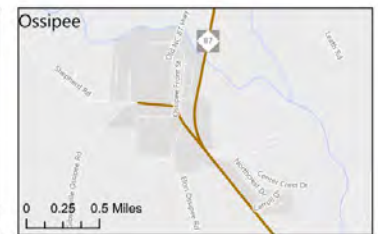
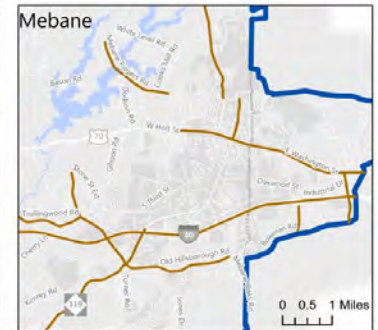
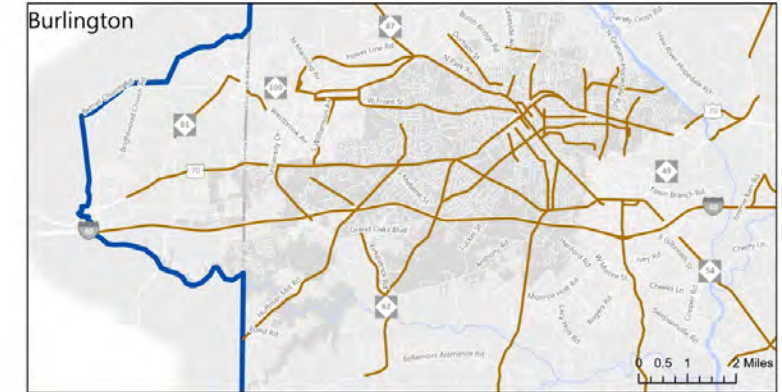


Safety Data – Where?



Safety Data – Where?

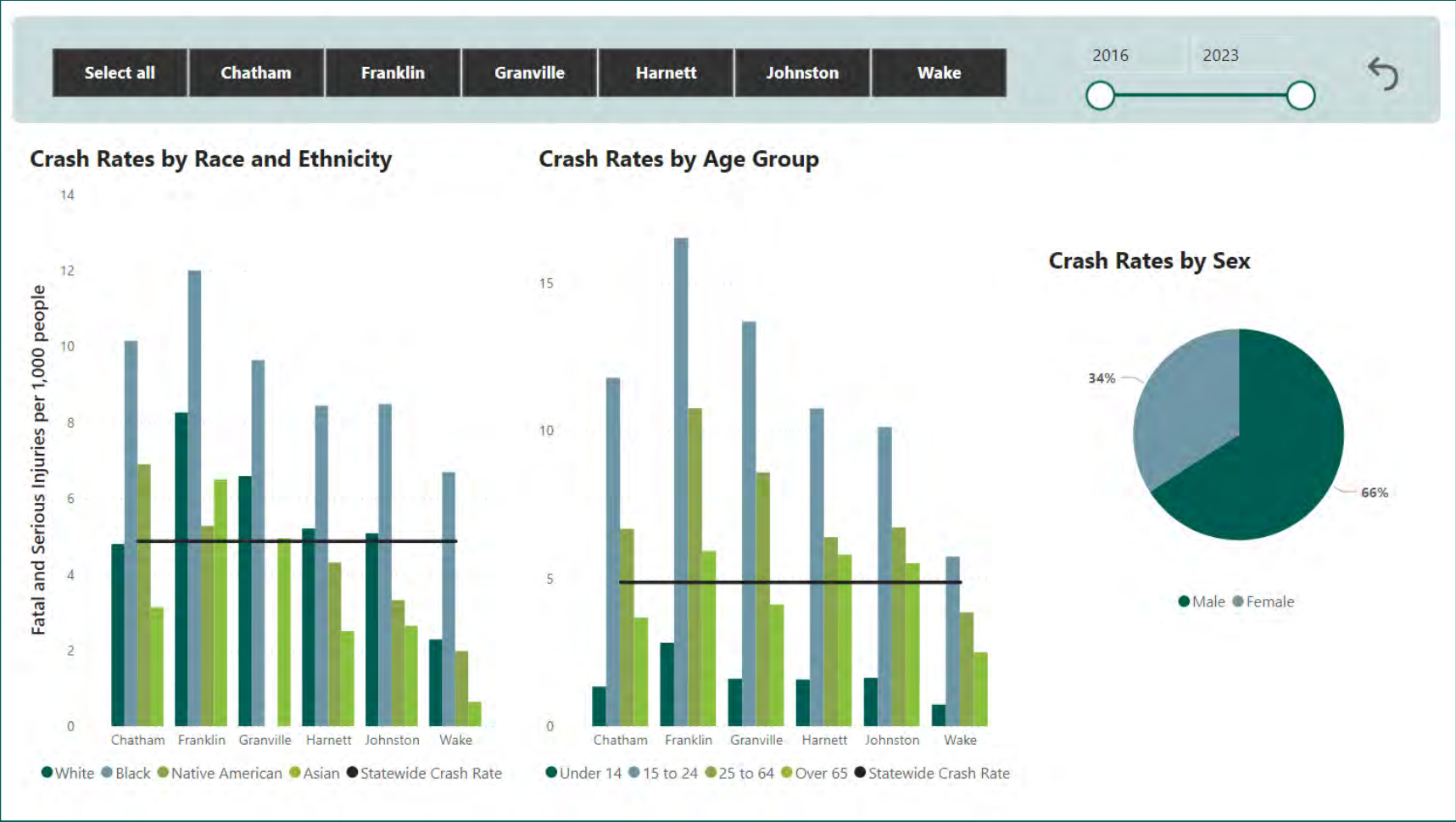
High Injury Network



Safety Data – When?



Safety Data – Who?



Safety Culture

Applying safety culture to our roadways

- Top-Down **AND** Bottom-Up
- Everyone:
 - *Shares responsibility*
 - *Does their part*
 - *Understands why it is important*
- A way of life that values the safety of fellow roadway users in every decision we make
 - *Every User*
 - *Every Trip*



Thank you!

Brian Mayhew, PE

State Traffic Engineer

North Carolina Department of Transportation

(919) 814-5100

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Brian Murphy, PE

Traffic Safety Systems Engineer

North Carolina Department of Transportation

(919) 814-4948

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From: [Hildebrandt, Heather J](#)
To: [Phil Conrad](#); [Eatman, Mark R](#)
Cc: [Brumfield, Ryan M](#)
Subject: CRMPO CMAQ Awards and Balance
Date: Tuesday, August 13, 2024 1:40:14 PM
Attachments: [image001.png](#)
[CRMPO CMAQ Programming.xlsx](#)

Phil,

As requested, please see attached a summary based on the table provided of projects prioritized for funding with CMAQ by CRMPO.

From my calculations, programming all projects requested at funding levels needed to complete through delivery, results in an allocation shortfall for CRMPO of nearly \$10M. Based on your area's historic CMAQ allocations of \$1.58M per year, programming all of these projects puts you more 6 years of funding past the end of this transportation bill. Therefore, for planning purposes, assuming that the MPO does not decide to cancel projects or shift priorities, no new projects will likely be awarded for the area until after 2030.

We can still accept projects for evaluation of eligibility or for funding considerations should the area's priorities shift or additional funding opportunities come available.

Please let me know once your board meets if Mark should move forward on the award letter for the remaining ranked projects on your list. Where possible, provide the appropriate FYs for PE, ROW, and CON.

If you would like to discuss, don't hesitate to reach out.

Heather J. Hildebrandt
Statewide Initiatives Supervisor
Office of Strategic Initiatives and Program Support
North Carolina Department of Transportation

919 707 0964 office
hjhildebrandt@ncdot.gov

1 South Wilmington Street
1554 Mail Service Center
Raleigh, NC 27699-1554



Email correspondence to and from this address is subject to the North Carolina Public Records Law and may be disclosed to third parties.

| Project | CMAQ Funding |
|-------------|--------------|
| BL-0060 | \$1,549,154 |
| C-5603F | \$1,985,600 |
| C-5603D | \$1,277,268 |
| C-5603I | \$2,988,746 |
| BL-0060 | \$2,130,846 |
| NEW 3 | \$2,644,700 |
| NEW 4 | \$1,561,320 |
| C-5603H | \$981,158 |
| NEW 6 | \$1,623,840 |
| NEW 7 | \$1,109,800 |
| Total 22-26 | \$17,852,432 |

Annual
 Allocation \$1,580,156
 Total
 Allocation
 22-26 \$7,900,780
 Total
 Request 22-
 26 \$17,852,432
 Difference -\$9,275,620
Years -5.9

Scope of Services

The Consultant will provide the services specifically set forth below.

TASK 1: PROJECT MANAGEMENT

Performed by CR MPO staff.

TASK 2: COMMUNITY ENGAGEMENT

2.1 Public Involvement Plan

Performed by CR MPO staff.

2.2 Website Support

The Consultant will develop a project specific website that can be linked to the MPO's existing website. Web content will integrate agreed upon branding, project information, and links to online activities to function as a landing page for the project. Minor updates to promote meeting dates will occur throughout and three (3) major updates at key milestones are included.

The Consultant will compile technical data (e.g., spreadsheets, GIS map packages, TransCAD model output files, and geodatabases) and digital files (report, images, graphics, and maps) for delivery via USB or ShareFile.

2.3 Online Survey

The Consultant will create two (2) online surveys to be distributed in accordance with the schedule outlined in the Public Involvement Plan. For each survey, the Consultant will create an abstract that describes the purpose and intent of the survey, including recommended platform (e.g., MetroQuest, SurveyMonkey), initial survey content, and development timeframe. Once the abstract is confirmed by the Client, the Consultant will build a draft survey and provide a fully functioning demo to be reviewed by the Client. The Client will provide a single set of consolidated comments, and the Consultant will provide a demo of the final draft survey prior to finalizing the survey. The surveys will be provided in English and Spanish and print ready copies will be made available for all in-person engagement events.

2.4 County Pop-Up Event Materials and Meetings-in-a-box

The Consultant will plan, organize, develop, and produce multilingual materials for two (2) phases of public engagement for the project to coincide with project visioning/existing conditions/project and needs identification (Phase 1) and prioritizing recommendations (Phase 2). The Consultant will assist in preparing content for each meeting.

The Consultant will prepare a meeting-in-a-box for two phases of engagement. This includes a slide deck that can be tailored to specific events, print ready versions of any ongoing survey activities and any relevant engagement tools or activities. Meetings-in-a-box will be identified and facilitated by the Client.

TASK 3: EXISTING CONDITIONS ASSESSMENT

3.1 Existing Conditions Assessment

Performed by CR MPO staff.

Environmental Justice. The Consultant will use available data (including the most recent US Census, Justice40, or readily available state and local data sources) and the FHWA Plan Equity Tool to create a

transportation needs index and compare the identified need to historically disadvantaged populations (which may include persons of color, low-income households, limited English proficient individuals, persons 65 years of age and older, zero car households, low educational level attainment, and persons with disabilities) to identify priority areas. Indicators will include safety, walkability/bikeability, average job and destination access, and transit access. The crosswalk between the transportation needs and disadvantaged population will be combined to create the EJ opportunities mapping.

TASK 7: FEDERAL COMPLIANCE

7.1 Federal Compliance and System Performance Report

Performed by CR MPO staff.

The Consultant will prepare a System Performance Report section of the MTP that contains the latest MPO-adopted performance measures and documents how the MPO is working towards achieving the performance targets and how the plan recommendations relate to them.

TASK 8: CONGESTION MANAGEMENT PROCESS

Task 8.1 Update Congested Network

The Consultant will work with data provided by the Client to identify the system components that may comprise the congested network for analysis. The road network in the regional travel demand model or NCDOT INRIX data may serve as baseline for the CMP network.

Updated travel times along the 12 congested corridors in the CRMPO CMP plan. Travel time data collection will be utilizing RITIS, INRIX or National Performance Management Roadway Data System (NPMRDS), which ever provides the most up-to-date data.

Task 8.2 Establish the Intent of the CMP

The Consultant will work with the Client to update the CMP performance measures. CMP performance measures will be updated based on available data, schedule and intensity of future monitoring, and responsiveness to federal performance measures.

Task 8.3 Apply Available Data and Analysis Tool Results

Using data provided by the Client, the Consultant will analyze the congested network. The network will be analyzed based on the performance measures to identify corridors or areas with “unacceptable” congestion, the nature of the congestion, and the underlying source of congestion.

Update the CMP table/spreadsheet of congested facilities and performance measures of Volume to Capacity Ratio (V/C).

Utilizing the Metrolina Regional TDM to test transportation alternatives by CDOT to address network deficiencies. The consultant will assume a Base Year Model run and an E+C Model run for 2055 and a 2055 No-Build Model run.

Develop table of safety/fatalities averages for Cabarrus and Rowan Counties through the updating of crash data and analyzing the most recent available crash data (both motorized and non-motorized) to identify particular areas to be targeted for improvements.

Task 8.4 Develop CMP Network Recommendations

Corridors and areas identified as having “unacceptable” levels of congestion will be identified and prioritized for strategy implementation. Prioritization factors may include locations of major trip generators, recurring/non-recurring congestion, safety, and others.

Task 8.5 Document CMP Strategy Toolbox

The Consultant will work with the Client to identify the universe of potential congestion management strategies or combination of strategies. This task will also include any new policy-oriented principles. The strategies will be compiled into a toolbox of locally-preferred strategies.

TASK 10: DOCUMENTATION

10.1 Summary Report

Performed by CR MPO staff.

10.2 GIS Maps, Graphics, and Digital Files

The Consultant will prepare/update report graphics including maps, charts, graphs, and tables using GIS applications to assist CRMPO and other interested parties in understanding the MTP. Assumption is 56 maps to provide.

March 18, 2024

John Hanes, AICP
Transportation Principal Planner
City of Winston-Salem / Winston-Salem Urban Area MPO
P.O. Box 2511
Winston-Salem, NC 27102

Re: Professional Services Agreement for WSUAMPO 2050 MTP & CTP Update

Scope of Services

The Consultant will provide the services specifically set forth below.

TASK 1: PROJECT MANAGEMENT

1.1 Monthly Coordination

The Consultant will prepare for and facilitate monthly progress meetings (virtually) with the Client project manager for coordination and review of project status. These meetings will cover the anticipated 17-month planning process.

1.2 Project Schedule and Work Plan

The Consultant will prepare a draft schedule and work plan for specific work tasks, interim and final deliverables, and quality control reviews. The draft will be presented for discussion at the project kick-off meeting. Based on this discussion, the Consultant will make revisions and submit a final project schedule and work plan.

1.3 Data Needs Memorandum

The Consultant will create a data needs request memorandum that lists technical data (e.g., GIS data) and applicable documents (e.g., previous plans, local ordinances, approved developments). The Client will be responsible for assembling and transmitting the data to the Consultant. The Consultant will reach out to resource agency partners to gather current data for use in the planning process.

1.4 Data Sharing Platform

The Consultant will initiate, organize, and administrate a cloud-based data sharing platform (MS Teams, Share Point or similar). The Consultant will work with the Client on a preferred platform. It will be used to share data, documents, and presentations so that co-creation, review, and editing are more easily achieved amongst the Client and Consultant teams.

1.5 Kickoff Meeting

The Consultant will prepare, organize, and facilitate a project kickoff meeting. The meeting will be in-person and attended by at least two (2) members of the consultant team. During the meeting draft

materials will be reviewed including, data needs, sharing platform, project workplan, schedule, public engagement coordination and identification of critical milestone and recurring meetings.

1.6 Progress Statements

The Consultant will prepare progress statements. Progress statements will be organized by task and provide a bulleted list of recent activities and a percent complete. The progress statements will be included with a copy of each month's invoice.

1.7 Plan Update Presentations

The Consultant will prepare material for and present to the Winston-Salem Urban Area MPO TCC and TAC. The Consultant will present to the TCC and TAC up to three (3) times. Plan adoption meetings will be included as part of this total. One (1) member of the Consultant team is assumed to attend each meeting. Up to two (2) of these meetings may be attended virtually. The Consultant will provide content when requested in support of any additional briefings provided by MPO staff.

1.8 Branding

The Consultant will facilitate a single virtual branding discussion with the Client where questions will be asked that help to identify brand objectives, design preferences, and collection of initial ideas. The Consultant will prepare a set of brand designs and supporting text. This will be followed by a second virtual meeting between the Consultant and Client where decisions are made including selections for graphics, text, font, and color. Two (2) brands are included in this process:

- A replacement brand representing the WSUAMPO; and
- A brand designed to represent the 2050 MTP

A set of brand concepts will be developed for each of these based on the feedback from the meetings. The Client will select a preferred brand for the WSUAMPO and the 2050 MTP from these brand concepts.

Note: The creation of a comprehensive style guide is NOT included in this scope of work. The new brands created through this contract will be internally integrated with current style guide by MPO staff.

TASK 2: COMMUNITY ENGAGEMENT

2.1 Public Involvement Plan

The Consultant will develop a Public Involvement Plan (PIP) to describe the process for providing involvement opportunities in accordance with the Client's Public Participation Plan (PPP) including methods for engaging EJ populations and populations with disabilities. The PIP will be summarized in a brief memorandum that will be presented to the Client for review and approval.

2.2 Website Support

The Consultant will develop a project specific website that can be linked to the MPO's existing website. Web content will integrate agreed upon branding, project information, and links to online activities to function as a landing page for the project. Minor updates to promote meeting dates will occur throughout and three (3) major updates at key milestones are included.

2.3 Steering Committee Meetings

The Client will select eight (8) to twelve (12) individuals for inclusion on a Steering Committee. The Steering Committee will meet up to six (6) times, with meetings held concurrently or consecutively with other outreach events when possible. The Consultant will coordinate with the Client on the date, time, and venue. The Consultant will notify the Steering Committee of the meeting, facilitate the meeting, and

summarize the outcome. Steering Committee meetings may be held virtually if that format is agreed upon by the Client and Consultant.

2.4 Stakeholder Interviews

The Consultant will work with the Client to identify individuals and small groups that should be included in the stakeholder interviews. Up to five (5) 90-minute interviews will be scheduled. Stakeholder meetings will be held virtually, unless coordinated to occur on the same day as a Steering Committee meeting or regional pop-up event.

2.5 Interagency Coordination

The Consultant will work with the Client to identify other public agencies whose involvement should be requested. Additionally, NCDOT will provide any interagency coordination protocols for CTP and MTP. The Client and Consultant will adhere to the protocols. Up to five (5) virtual meetings will be dedicated to interagency coordination, involving one or more agencies as appropriate. Interagency coordination will be documented for inclusion in the 2050 CTP and MTP summary reports.

2.6 Online Survey

The Consultant will create two (2) online surveys to be distributed in accordance with the schedule outlined in the Public Involvement Plan. For each survey, the Consultant will create an abstract that describes the purpose and intent of the survey, including recommended platform (e.g., MetroQuest, SurveyMonkey), initial survey content, and development timeframe. Once the abstract is confirmed by the Client, the Consultant will build a draft survey and provide a fully functioning demo to be reviewed by the Client. The Client will provide a single set of consolidated comments, and the Consultant will provide a demo of the final draft survey prior to finalizing the survey. The surveys will be provided in English and Spanish and print ready copies will be made available for all in-person engagement events.

2.7 Regional Pop-Up Events and Meetings-in-a-box

The Consultant will plan, organize, develop, and produce materials for two (2) phases of public engagement for the project to coincide with project visioning/existing conditions/project and needs identification (Phase 1) and prioritizing recommendations (Phase 2). The Consultant anticipates that each phase will include up to three (3) Regional Pop-Up Events. Up to two (2) members of the Consultant team will attend each pop-up event. The Client will identify potential venues for pop-up meetings, coordinate logistics, and handle meeting advertisement, and participate in the meetings themselves. The Consultant will prepare content for each meeting, lead the facilitation of the meetings, and summarize feedback. The Consultant team will include a Spanish language interpreter when appropriate.

The Consultant will prepare a meeting-in-a-box for two phases of engagement. This includes a slide deck that can be tailored to specific events, print ready versions of any ongoing survey activities and any relevant engagement tools or activities. The Consultant will provide an overview and training on provided materials. Meetings-in-a-box will be identified and facilitated by the Client.

2.8 Public Engagement Summary

The Consultant will summarize feedback received during each phase of the public engagement process. The synthesis of engagement information will be communicated in a series of brief technical memoranda. Results will be used to inform MTP decision-making and will be documented in the appendix to the MTP. The summary will include information about the representation, outreach methods, and results of engagement with identified EJ communities. This includes both phases of engagement plus the final public comment period for the draft plan.

TASK 3: EXISTING CONDITIONS ASSESSMENT

3.1 Existing Conditions Assessment

The Consultant will update the existing conditions content from the 2045 MTP. This will include an update to reflect relevant recommendations from local and regional plans completed or modified following the adoption of the 2045 MTP.

Existing conditions content such as demographics, transportation conditions, community characteristics, and environmental conditions will be updated with the most currently available data including 2020 US Census data. The updated regional travel demand model will be made available by PART for use in this effort.

The Consultant will assess and analyze the condition, performance, and safety of the existing transportation network, including roadways, intersections and interchanges, sidewalks, bicycle facilities, trails, and transit service. The intent is to understand the quantity and quality of the existing network.

Roadway. The assessment of existing roadway conditions will include a review of the results from the Regional Travel Demand Model and their implications for both base year and future year conditions.

No modification of the base year or future year travel demand model is anticipated. Any modifications requested either to the socioeconomic data or traffic analysis zones (TAZs) would be considered additional services.

Bicycle, Pedestrian, and Transit. The Consultant will incorporate the existing conditions from the current Active Transportation Master Plan into the MTP process as well as any updated GIS data that may be available from the Client or NCDOT. The Consultant will review existing transit service and any plans, policies, or programs in place and incorporate the relevant elements.

Freight, Rail, and Aviation. Based on data made available by the Client, the Consultant will review current statewide, regional plans, and operations of these modes in an effort to identify bottlenecks, breakdowns, and future opportunities.

Safety. Through a review of available crash data and conversations with stakeholders, the Consultant will identify safety concerns at the intersection and corridor levels.

Security. Through a review of available data and conversations with stakeholders, the Consultant will document security concerns for critical infrastructure. In addition, the Consultant will identify potential security considerations such as critical highways and sensitive facilities in the region.

ITS and Transportation Demand Management. The Consultant will review and document existing conditions and planned improvements to the region's ITS system and Transportation Demand Management procedures (if any).

Environmental Justice. The Consultant will use available data (including the most recent US Census, Justice40, or readily available state and local data sources) and the FHWA Plan Equity Tool to create a transportation needs index and compare the identified need to historically disadvantaged populations (which may include persons of color, low-income households, limited English proficient individuals, persons 65 years of age and older, zero car households, low educational level attainment, and persons with disabilities) to identify priority areas. Indicators will include safety, walkability/bikeability, average job and destination access, and transit access. The crosswalk between the transportation needs and disadvantaged population will be combined to create the EJ opportunities mapping.

Land Use and Environment. Using appropriate agency provided data, the Consultant will prepare an Environmental Features map. These features may include major streams/rivers, wetlands, prime farmlands, water supply watersheds, wildlife habitats, major community features, and open spaces. This information will be used during recommendations development and project prioritization to identify places in the study area that 1) should be avoided when possible or will require some form of mitigation, 2) are challenging or unconquerable obstacles to implementation, and 3) are assets that could be leveraged (i.e., riparian corridors ideal for greenways and trails).

TASK 4: PLAN DEVELOPMENT

4.1 Vision, Goals Objectives, and Performance Measures

The regional land use vision will set the expectation for regional growth and inform the MTP plan development process. In addition, the Consultant will review prior goals and objectives from the 2045 MTP. Community engagement results will be combined with input from the project Steering Committee to affirm an agreed upon set of MTP Goals and Objectives. Any changes between the past and present MTP will be documented. Goals and Objectives will be used to guide decision-making throughout the planning process. In addition, the Consultant will recommend a set of performance measures (combination of federally required and locally relevant) that can be used to track progress.

4.2 Recommendations Development

The development of recommendations within the MTP will follow the '3 C's' approach by implementing strategies, services, and projects that address factors defined in 23 CFR 450.306. The MTP will include a chapter or section that lists each federal planning factor and below each planning factor, provides a discussion or few paragraphs of how the MTP addresses each respective planning factor.

The Consultant will revisit the recommendations identified in the 2045 MTP, data compiled during the Existing Conditions Assessment, and feedback from the public engagement process to develop an updated series of multimodal recommendations. Multimodal recommendations will be documented using narrative, tables, and mapping. This process will consist of the following elements:

- **Existing plus committed projects** – The Consultant will prepare a list of existing plus committed projects, highlighting projects completed or underway since the completion of the 2045 MTP.
- **Roadway corridor recommendations** – The Consultant will update the roadway corridor recommendations identified in the 2045 MTP to arrive at a revised series of corridor recommendations that identify access management, roadway modernization, capacity addition, and new location facilities.
- **Freight recommendations** – On-road freight recommendations will be folded into the roadway corridor recommendations as appropriate. Major freight generators will be identified to help correlate on-road recommendations to the most needed locations.
- **Intersection recommendations** – Using available crash data and public feedback, the Consultant will develop an intersection safety recommendations list. High-level proposed solutions will be identified for each location.
- **Transit recommendations** – The Consultant will pull forward recommendations from local and regional bus transit planning efforts to include within the MTP, including microtransit. No new independent transit recommendations are envisioned to be developed within the MTP.
- **Bicycle and pedestrian recommendations** – The Consultant will pull forward recommendations from the regional active transportation plans. No new independent bicycle or pedestrian projects are envisioned within the MTP. New incidental bicycle and pedestrian projects may be added through changes to roadway recommendation.
- **Policy and program recommendations** – The Consultant will work with the Client and the Steering Committee to review policies and programs in the region. The Consultant will identify potential policy and program recommendations that may augment the multimodal recommendations within the MTP.

TASK 5: PRIORITIZATION

5.1 Project Prioritization

The Consultant will revisit the current MTP prioritization process. The Consultant will consider SPOT 7.0 prioritization requirements, the latest federal guidance, and public engagement feedback to develop a revised roadway project ranking methodology. The Client and the MTP Steering Committee will be asked for feedback on the draft methodology prior to its finalization. Following the development of a finalized methodology, the Consultant will prioritize roadway corridor and intersection recommendations identified during the needs assessment process. The Consultant will define a framework for identifying priority and secondary networks for bike, pedestrian, and transit service and collaborate with the Client to identify initial network recommendations. The prioritization methodology and results will be documented within the MTP.

TASK 6: FINANCIAL PLAN

The Consultant will develop a financially constrained set of recommendations in accordance with federal guidance. This task will include the following elements:

6.1 Revenues

The Consultant will prepare an estimate of projected revenue sources through the lifetime of the plan. The intent is to identify and project reasonably available current and future funding sources for all travel modes. The Consultant and Client will jointly determine what share of available revenues already has been committed or pledged to existing projects. The Consultant will coordinate with the Client and NCDOT to obtain data needed for existing and projected revenues. An annual growth rate will be identified for projecting these revenues through the life of the MTP.

6.2 Cost Opinions

The Consultant will develop planning level cost opinions for recommendations in each mode based on constructability, environmental and social characteristics/mitigation, and the proposed cross-section. Cost estimates generated through previous planning efforts may be carried forward if deemed appropriate. The level of detail used in the preparation of the cost opinions will depend on the availability of data, and data sources will be approved by the Client prior to their use and documented by the Consultant. Planning level construction cost opinions for recommended roadway, bicycle, and pedestrian improvements will be prepared using unit cost information (provided by the Client, NCDOT, or estimated from geographically similar areas) developed for the applicable transportation elements. The Consultant will provide an opinion of cost percentages relative to engineering, design, and right-of-way provisions. Right-of-way percentages will be assessed using opinions of low, medium, and high values. This process will be generated in spreadsheet form, with the spreadsheet provided to the Client for use in future efforts. Coordination with the Client and NCDOT will occur to provide consistency and accuracy in the estimates.

Any opinions the Consultant renders as to cost or revenue are preliminary and based on currently available information and the limited scope of services. The Consultant cannot and does not guarantee that proposals, bids, or actual costs will not vary from its opinions of cost. Actual costs of construction and actual revenue will differ from any projections made at this time.

6.3 Financially Constrained Plan

The Consultant will compare the projected revenues with the project cost estimates to develop a financially constrained plan. The financially constrained plan will be developed in year of expenditure dollars. The Consultant will document revenues, cost estimates, and financial constraint in an easy to use spreadsheet for use by the Client following development of the MTP. The final deliverable of this

component will be a financially-constrained MTP that is based on an expectation of future transportation funding, as can reasonably be estimated based on information available at the time of the project.

6.4 Model Integration

The financially constrained plan projects will be incorporated into the regional travel demand model. No other modifications to the travel demand model (TAZ boundary modifications, socioeconomic data, etc.) will be undertaken as part of this task.

TASK 7: FEDERAL COMPLIANCE

7.1 Federal Compliance and System Performance Report

The Consultant will prepare plan elements that satisfy compliance with relevant federal and state requirements (including those defined in 23 CFR 450.306). This includes the latest areas of focus introduced by the Infrastructure Investment and Jobs Act (IIJA) such as equity, transportation technology, equity, resilience, and carbon reduction.

The Consultant will prepare a System Performance Report section of the MTP that contains the latest MPO-adopted performance measures and documents how the MPO is working towards achieving the performance targets and how the plan recommendations relate to them.

TASK 8: NCDOT COMPREHENSIVE TRANSPORTATION PLAN

8.1 CTP Content Development

The Consultant will collaborate with NCDOT and the Client to determine the most appropriate way to represent the production and integration of required CTP elements within the MTP process. Efforts will be made to minimize duplication and eliminate confusion between the two plans. The Consultant will generate CTP supportive content and deliver it to the Client and NCDOT for inclusion in a freestanding CTP document. It is understood that there is some overlap between MTP and CTP content. When appropriate, the Consultant will author materials in ways that are appropriate to support both plans. In addition, this scope of work includes creation of CTP-specific materials including:

- CTP Project Recommendation List
- CTP Mapping
- CTP Project Sheets

A virtual meeting will be hosted by the Consultant with NCDOT and the Client to agree on integration methods.

8.2 CTP Project Recommendation List

Per the RFP this task includes:

- Verification of project attributes within the CTP geo-database (Consultant to provide)
- Updating the geo-database to confirm bike-ped and highway recommendations completed since the last MTP (MPO/NCDOT to provide)
- Incorporate 2024-2033 STIP and SPOT 7.0 information (Consultant to provide)
- Provide v/c data (Consultant to provide)
- Provide analysis for bike, pedestrian, transit recommendations (*points of interest, gap analysis, likely demand origin, level of comfort*)
- CTP project sheets development

8.3 CTP Mapping

Using the NCDOT CTP mapping criteria/template, the Consultant will assemble a set of CTP maps that include the following:

- Facility Types and Control of Access
- Highway Recommendations
- Public Transportation Recommendations
- Bicycle and Pedestrian Recommendations

8.4 CTP Project Sheets

The Consultant will prepare a set of project sheets for projects identified in Task 8.2. Each project sheet will follow the NCDOT template for its respective mode, and will include elements such as:

- Project identification
- Project limits and length
- Project cross-section
- CTP level purpose and need
- Environmental and Title VI information

Some of the elements contained within the project sheets (e.g., project history) will need to be prepared by the Client or NCDOT. Other elements contained within the project sheets (e.g., safety risk score) will need to be prepared by NCDOT or prepared by the Consultant using a tool/process furnished by NCDOT.

- Roadway Project Sheets will be prepared for all new locations, major/regional widenings, and all 2021-2040 MTP projects. This agreement includes up to 50 roadway project sheets.
- Bike and Pedestrian Project Sheets will be prepared for projects identified as a part of the identified Priority Network (see Task 5.1 Project Prioritization). This agreement includes up to 30 total bike/pedestrian project sheets.

Note: Request for project sheets beyond those included in this agreement will be considered additional services.

All project sheets will be delivered in print ready .pdf and corresponding design files.

TASK 9: CONGESTION MANAGEMENT PROCESS

Task 9.1 Update Congested Network

The Consultant will work with data provided by the Client to identify the system components that may comprise the congested network for analysis in Task 6.3. The road network in the regional travel demand model or NCDOT INRIX data may serve as baseline for the CMP network.

Task 9.2 Establish the Intent of the CMP

The Consultant will work with the Client to update the CMP performance measures. CMP performance measures will be updated based on available data, schedule and intensity of future monitoring, and responsiveness to federal performance measures.

Task 9.3 Apply Available Data and Analysis Tool Results

Using data provided by the Client, the Consultant will analyze the congested network identified in Task 9.1. The network will be analyzed based on the performance measures outlined in Task 9.2 to identify corridors or areas with “unacceptable” congestion, the nature of the congestion, and the underlying source of congestion.

Task 9.4 Develop CMP Network Recommendations

Corridors and areas identified as having “unacceptable” levels of congestion will be identified and prioritized for strategy implementation. Prioritization factors may include locations of major trip generators, recurring/non-recurring congestion, safety, and others. The prioritization may also leverage the MTP prioritization process identified in Task 5.1.

Task 9.5 Document CMP Strategy Toolbox

The Consultant will work with the Client to identify the universe of potential congestion management strategies or combination of strategies. This task will also include any policy-oriented principles established in Task 4.2. The strategies will be compiled into a toolbox of regionally-preferred strategies.

TASK 10: DOCUMENTATION

10.1 Summary Report

The Consultant will develop a final report using the 2045 MTP as a starting point. Where appropriate, the narrative from this plan can be reused or adapted to fit the needs of the 2050 plan. New content developed as a part of this scope will be incorporated either using narrative, graphics, or mapping. Feedback obtained during the public engagement process will be documented and incorporated as appropriate into the plan’s final recommendations. The final report will satisfy federal transportation planning requirements.

The Consultant will prepare a draft version of the MTP for consideration by the public, stakeholders, agency partners, and elected and appointed officials. The draft report will be made available for public comment pursuant to the requirements included in the WSUAMPO Public Participation Plan.

The Client will coordinate the public review period and, at its conclusion, will provide one (1) set of consolidated comments based on all comments received. The Consultant will revise the public draft report based on these consolidated comments.

10.2 GIS Map Packages and Digital Files

Following acceptance of the final report, the Consultant will compile technical data (e.g., spreadsheets, GIS map packages, TransCAD model files, and geodatabases) and digital files (report, images, graphics, and maps) for delivery via USB or ShareFile.

The final MTP will be furnished to the Client electronically in a file package consisting of the following deliverables:

- One (1) digital copy of the report and exhibits in Adobe format
- One (1) digital copy of the report in an editable Word format
- PDF copies of all system map(s) in the report
- All GIS layers and files associated with this MTP update

Additional Services

Any services not specifically provided for in the above scope will be billed as additional services and performed at our then current hourly rates.

Schedule

We will provide our services as expeditiously as practicable with the goal of meeting a Federal deadline for MTP adoption of September 2025. Some task items not directly related to this adoption may extend beyond this date.

From: Cleveland Information [<mailto:info@townofclevelandnc.gov>]

Sent: Tuesday, July 30, 2024 10:52 AM

To: pconrad@mblsolution.com

Subject: RE: Demonstration Planning Study in Cleveland

Good morning,

My suggestion for the location of the planning study would be the intersection of W Main St and Depot St in Cleveland. Our concert series takes place on S Depot St and a majority of the people park on N Depot St. Which means they have to cross main St to get to the event.

If there's anything else I can help you with, please let me know.

Thank you,

Kelly Rodgers

Town Clerk



302 East Main Street, Cleveland, NC 27013

Phone: (704) 278-4777

Fax: (704) 278-0078

clerk@townofclevelandnc.gov

From: Phil Conrad <pconrad@mblsolution.com>

Sent: Monday, July 29, 2024 3:48 PM

To: Cleveland Information <info@townofclevelandnc.gov>

Subject: FW: Demonstration Planning Study in Cleveland

You don't often get email from pconrad@mblsolution.com. [Learn why this is important](#)

Hello,

I'd like to speak to someone about a free planning study for the Town. I've been corresponding with your mayor, but thinking it might be helpful to talk with someone in Town Hall.

Thank you,

Phil Conrad

Cabarrus-Rowan MPO

From: Phil Conrad [<mailto:pconrad@mblsolution.com>]
Sent: Thursday, June 6, 2024 3:49 PM
To: 'Patrick Phifer' <patphifer@gmail.com>
Subject: RE: Demonstration Planning Study in Cleveland

Cool. Who might i talk to about a location in town? It could be a key intersection or potential mid-block crossing, etc. I could start with your clerk or police chief, or whoever.

From: Patrick Phifer [<mailto:patphifer@gmail.com>]
Sent: Thursday, June 6, 2024 3:34 PM
To: pconrad@mblsolution.com
Subject: Re: Demonstration Planning Study in Cleveland

Yes, we would be interested.

On Wed, Jun 5, 2024, 1:26 PM Phil Conrad <pconrad@mblsolution.com> wrote:

Mayor,

I wanted to see if the Town would like to have a small demonstration study done on an intersection or stretch of road in your downtown area for bicycle or pedestrian safety. It would *not* cost anything. The MPO did 3 of them last year and have attached the one completed for the Town of Faith, as an example. Let me know if you should have any interest, or glad to answer any questions that you or others might have.

Thanks,

Phil Conrad

Cabarrus-Rowan MPO

704-791-0608

TCC Meeting Location

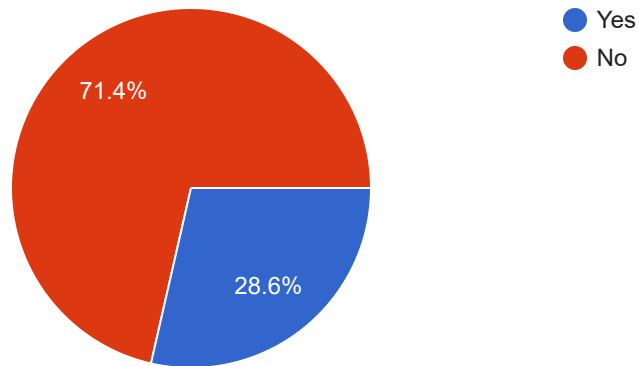
15 responses

[Publish analytics](#)

Do you want to continue virtual TCC meetings exclusively?

 Copy

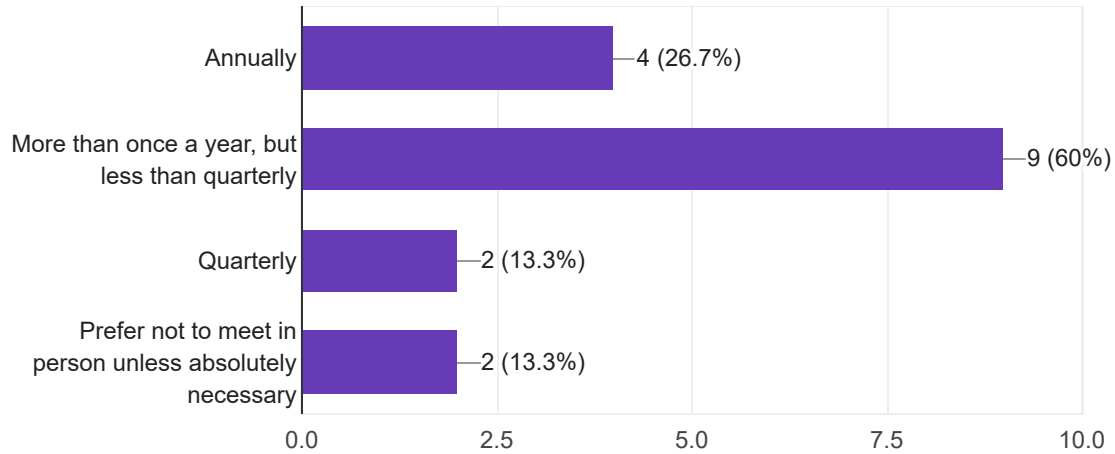
14 responses



Do you have a preference of how often the TCC meets in person?

 Copy

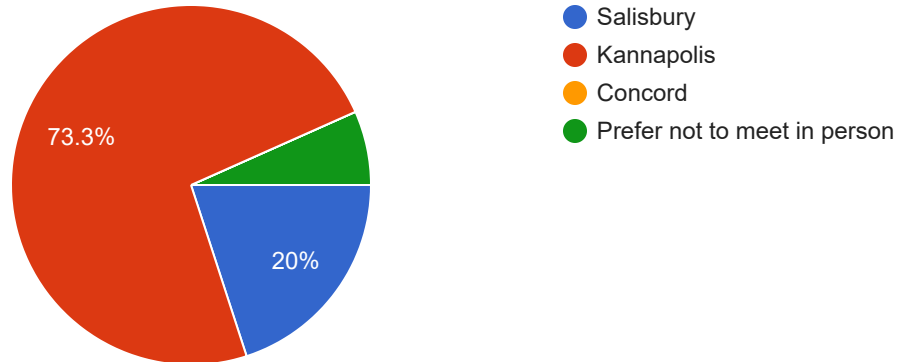
15 responses



If meetings were held in person, would you prefer Salisbury, Kannapolis, or Concord as the meeting location?



15 responses



Do you have a preferred time or month of the year for in person meetings? Please specify.

12 responses

January

n/a

For more thorough discussions, like CMAQ or prioritization. Avoid summer months for in person.

Continue with mid week

no

June and November or December (elections)

later in any month is better

Post Summer and New Year

10:00 a.m. on Tuesdays are fine

no preference

Winter

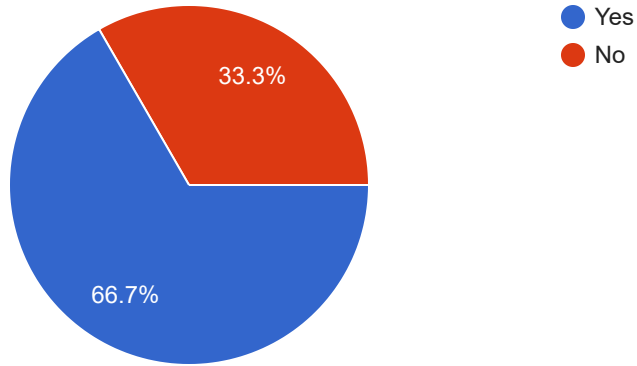
January and maybe one more time



Are you a local government representative?

 Copy

15 responses



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Google Forms



| | 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 | 1690 |
| February | 32851 | 31073 | 23498 | 20251 | 25535 | 28616 | 1001 | 1238 | 1065 | 1358 | 1459 | 1646 |
| March | 35038 | 25626 | 36652 | 23914 | 28482 | 31228 | 1066 | 887 | 1558 | 1626 | 1781 | 1590 |
| April | 33822 | 15732 | 36209 | 24336 | 26145 | 32730 | 1117 | 550 | 1555 | 1474 | 1565 | |
| May | 36735 | 18489 | 36769 | 24130 | 28,564 | 32,653 | 1015 | 687 | 1464 | 1542 | 1609 | |
| June | 36931 | 22239 | 35573 | 26036 | 27521 | 32429 | 918 | 997 | 1370 | 1638 | 1629 | |
| July | 37265 | 22975 | 27155 | 24640 | 27290 | 33458 | 956 | 1065 | 1305 | 1476 | 1536 | |
| August | 38455 | 22020 | 27824 | 26857 | 31323 | | 1041 | 1191 | 1233 | 1740 | 1978 | |
| September | 35590 | 21712 | 27014 | 27278 | 27870 | | 1076 | 1231 | 1286 | 1553 | 1511 | |
| October | 37727 | 24501 | 28779 | 27419 | 29829 | | 1175 | 1024 | 1304 | 1550 | 1728 | |
| November | 32930 | 22073 | 25692 | 25003 | 27854 | | 1132 | 959 | 1424 | 1731 | 1594 | |
| December | 32848 | 19994 | 24882 | 24418 | 26707 | | 1049 | 1044 | 1463 | 1651 | 1465 | |
| | | | | | | | | | | | | |
| Totals | 425346 | 279229 | 349993 | 287,952 | 333,437 | 217,895 | 12560 | 12106 | 16091 | 18630 | 19732 | 4926 |

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

Data Provided by Transit Systems is Current as of
4/25/2024

| WNC Passenger Rail Non-Federal Match Cost Distribution for Service Development Plan | | | |
|--|-------------------|-------------------------------------|---------------------------------|
| PRELIMINARY MPO/RPO Project Cost (est. \$400,000.00 total) | | | |
| County | Population | Estimated Cost Hybrid Model* | Cost Per Capita (Hybrid) |
| Burke (GHMPO) | 89,078 | \$33,774.47 | \$0.38 |
| Catawba (GHMPO) | 164,642 | \$45,459.22 | \$0.28 |
| McDowell (FHRPO) | 44,369 | \$26,860.95 | \$0.61 |
| Buncombe (FBRMPO) | 273,403 | \$200,000.00 | \$0.73 |
| Iredell (CRTPO) | 197,886 | \$50,599.87 | \$0.26 |
| Rowan (City of Salisbury) | 150,714 | \$43,305.48 | \$0.29 |
| Total Population | 646,689 | | |

Notes:

* Half of cost evenly divided among all counties except Buncombe and half distributed based on population.
 Payments would be spread across FY26 and FY27 and the total cost may be less than \$400,000.

Buncombe County population is removed from the population totals since they are paying a flat rate of \$200,000.00.

NCDOT TPD NEWS



NCDOT TPD Cabarrus-Rowan MPO Newsletter

Aug 2024

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.

Safe Streets & Roads for All (SS4A) Funding

There's still time to take advantage of this game-changing opportunity to invest in safe mobility directly at the local, tribal and regional levels. The U.S. Department of Transportation (USDOT) continues to invest in local, regional and tribal road safety via the Safe Streets and Roads for All (SS4A) grant program, with [more than 1,000 communities](#) having received more than \$1.7 billion of this new funding.

The final deadline for 2024 planning and demonstration grants is **August 29, 2024** at 5pm ET. But this funding is not just for developing action plans; it's an opportunity to test innovative roadway safety approaches. Perhaps you want to pivot to a Safe System approach? Or maybe you want to scale up more meaningful community engagement for projects? Or develop a speed management or health equity plan for your Vision Zero work?

Check out [Vision Zero Network's SS4A resource slides](#) for an approachable overview of the program, strategies to maximize funding, and examples of successful projects to serve as inspiration for your application. You can also [watch a recording of our recent webinar](#) showcasing innovative strategies from other communities that have secured SS4A funding. Whether you're from rural, suburban, urban, or tribal lands, this is a chance to fund important people-first safety work 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..."

- NCDOT Mission Statement

Recently released Plans

The NCDOT Resilience Improvement Plan.

<https://www.ncdot.gov/initiatives-policies/Transportation/transportation-resilience/Documents/resilience-plan.pdf>

The NC Strategic Highway Safety Plan

<https://www.ncdot.gov/initiatives-policies/safety/traffic-safety/Pages/strategic-highway-safety-plan.aspx>



Upcoming Conferences

1) The Great Trails State 2024 Conference - September 11-13, Winston-Salem

Learn and share best practices to advance trail and greenway development throughout North Carolina.

<https://greattrailsstatecoalition.org/conference/>

2) NC BikeWalk Summit - September 22-24, Chapel Hill

The Summit focuses exclusively on the safety, health, community design, and equity dimension of active mobility.

<https://www.bikewalknc.org/nc-bikewalk-summit/>

Contact Us

Emily Stupka

NCDOT TPD

1 S. Wilmington Street
Raleigh, NC 27601

(919) 707-0985

elstupka@ncdot.gov

Visit us on the web at
www.ncdot.gov

| Upcoming | Date |
|---|-----------------|
| 4th Quarter (Final) invoice, work summary and annual performance report due for FY 24 | August 12, 2024 |

NCDOT Statewide Plans:

To learn more, click on the following links:

- [NC Moves 2050 Plan](#) (or go to ncdot.gov/ncmoves)
- [NCDOT Strategic Transportation Corridors](#) (or go to ncdot.gov and search: Strategic Transportation Corridors)
- [NCDOT Comprehensive State Rail Plan \(25-Year Vision\)](#) (or go to ncdot.gov and search: rail plan)
- [NC Statewide Multimodal Freight Plan \(2015-2040\)](#) (or go to ncdot.gov and search: public transportation plan) - An update is currently underway
- [Great Trails State Plan](#) (or go to ncdot.gov and search: Great Trails)
- [Connecting North Carolinians to Opportunities \(Public Transportation strategic Plan—2018\)](#) (or go to ncdot.gov and search: public transportation plan)
- [NCDOT Resilience Strategy Report \(2021\)](#) (or go to ncdot.gov and search: resilience strategy report)
- [Statewide Pedestrian & Bicycle Plan \(2013\)](#) (or go to ncdot.gov/biceped/walkbikenc)

Other Plans:

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

Helpful Links:

Click on links below to learn more:

- NCDOT home page—ncdot.gov
- Real-Time Traffic—DriveNC.gov | [North Carolina Traffic & Travel Information](#)
- Report a pothole—[NCDOT Contact Us Form](#)
- NCDOT: State Transportation Improvement Program - 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 \(ncdot.gov\)](#)
- NCDOT Interactive Traffic Volume Map—[Traffic Volume Maps \(ncdot.gov\)](#)
- Traffic Safety Data & Engineering—[NCDOT: Traffic Safety Data & Engineering](#)