

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

**Wednesday March 20, 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 January 17, 2024 minutes** **TCC Chairman Muire**

**3) FY 2024-2033 MTIP Modification #3** **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-0563E. The second project modification is the delay of construction to FY 25 for the Brenner Avenue intersection project (HL-0049). The second project modification is to delay construction to FY 26 for the second platform and pedestrian underpass at the Salisbury Amtrak Station (P-5726). The third project modification is to delay to FY 25 for the Norfolk Southern Crossover Relocation (P-5726B). The fourth project is to add right-of-way and utilities for the Division 9 ADA intersection improvements (BO-2409). The fifth project is to add right-of-way and utilities for the Division 10 ADA intersection improvements (BO-2410). The sixth project is to delay right-of-way to FY 24 for the Beth Page Road sidewalk project. The seventh project is to delay construction to FY 25 for the Little Texas Road sidewalk project. The eighth project is to delay construction to FY 26 for the NC 49/Zion Church Road RCI (HS-2010H). The ninth project is to delay construction to FY 26 for the Piedmont Corridor trains and maintenance facility (P-5719C). Attachment 4 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 #3 to the FY 2024-2033 MTIP; 2) Discuss; and 3) Recommend that the TAC consider endorsing modification #3 to the FY 2024-2033 MTIP.

**4) 2024 Draft Local Priority Methodology** **Phil Conrad**

**INFORMATION:** NCDOT staff has indicated that Session Law 2012-84 requires the Department to develop a process for standardizing or approving MPO local input methodology. Given recent changes in the way that points can be flexed between tiers, MPO staff submitted a draft of the Cabarrus-Rowan local input methodology to NCDOT for content review. Because the content did not change, the NCDOT staff granted conditional approval to the MPO's methodology on February 28<sup>th</sup> subject to public input and MPO Board approval. The local priority methodology is included as attachment 4.

**ACTION/RECOMMENDATION:** 1) Receive a report on the Draft 2024 Local Priority Methodology; 2) Discuss; and 3) Recommend that the TAC consider adopting the Draft Local Priority Methodology for application later this calendar year.

#### **5) FY 2024-2025 DRAFT UPWP**

**Phil Conrad**

**INFORMATION:** Each year the Cabarrus-Rowan MPO develops and adopts a unified planning work program (UPWP). The UPWP is the MPO budget and follows the state fiscal year 2024-2025 and is included as attachment 5A. The UPWP identifies the planning tasks, responsible agencies, and funding sources for regional transportation planning activities to be conducted within the planning area during the next fiscal year. These projects include MPO planning activities undertaken by local agencies, the N.C. Department of Transportation, and a line item for Regional Model and MTP Maintenance. In the fall of 2023, the NCDOT indicated that the allocation in FY 25 to the MPO is \$471,775. There is no more unobligated balance for PL funds to MPO's in NC. As part of the UPWP, the Federal government is requiring all MPO's to certify their transportation planning process on an annual basis. Attachment 5B is a checklist for the CR MPO to certify the MPO transportation planning process. The local match table is included as attachment 5C and the resolution adopting the UPWP is included as attachment 5D.

**ACTION/RECOMMENDATION:** 1) Receive a report on the FY 2024-2025 UPWP; and 2) Discuss, and 3) Recommend that the TAC consider certifying the CR MPO transportation planning process and consider adopting the FY 2024-2025 UPWP.

#### **6) CTP Amendments**

**Wendy Miller**

**INFORMATION:** The City of Concord would like to add some multi-use path designations to the MPO's Comprehensive Transportation Plan (CTP) Index. The City has already incorporated this information into their own locally adopted plans. At the January meetings, the Town of Spencer added some CTP links to the highway map. Those segments are now proposed as part of the CTP Index. A summary of the Index changes is included as attachment 6.

**ACTION / RECOMMENDATION:** 1) Receive a report on the proposed CTP Amendment; 2) Discuss; and 3) Recommend that the TAC consider releasing these CTP Index amendments for public comment.

**7) Reports / MPO Business** **Phil Conrad / TCC Members**

- Local Reports – MPO/NCDOT Division 9 & 10/TPD
- Bike and Ped Demonstration Planning Studies – Nat Heyward
- CMAQ Program Update and Awards - NCDOT
- Special Study Update – Town of China Grove
- SPOT Mobility and SPOT Safety Analysis – Div. 10
- 2024 Bicycle and Pedestrian Planning Grant Applications – Deadline March 25<sup>th</sup>
- P7.0 Spring Schedule – May 2024 Quantitative Data Release
- Discretionary Funding Project Calls
- 2055 TAZ Level Forecasts and mapping

**8) Informational Items** **Phil Conrad**

- Rider Transit, Salisbury Transit, and MTC Ridership
- TPD Newsletter
- CRAFT Meeting Minutes
- NCPTA Conference – April 8-10
- NC MPO Conference – April 17-19
- NC Transportation Summit – May 21-22

**Next scheduled meeting: April 17, 2024**

- Agenda items for April TCC meeting

MINUTES  
TECHNICAL COORDINATING COMMITTEE

Wednesday, January 17, 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
Mallory Hodgson	Town of Harrisburg
Fred Haith	NCDOT Div. 9
Jason Hord	Town of Granite Quarry
Richard Smith	Town of Kannapolis
Wendy Brindle	City of Salisbury
Steve Blount	Town of Spencer
Michael Ambrose	Town of Landis
Erin Burris	Town of Mt. Pleasant
Craig Thomas	Town of Midland
Teresa Barringer	Town of China Grove

Others:

Phil Conrad	CRMPO Director
Connie Cunningham	MPO Staff
Loretta Barren	FHWA
Phillip Craver	NCDOT Div 9
Sean Epperson	NCDOT Div 10
Emily Stupka	NCDOT TPD
Alex Rotenberry	NCDOT IMD
Pate Butler	NCDOT TSU
Wendy Miller	MPO Staff
Brian Murphy	NCDOT TSS
Neda Fahim	NCDOT
Andy Bailey	NCDOT TPD
Andy Christy	RIDER Transit
Scott Miller	NCDOT Div10
Phil Collins	Cabarrus Co
Blake Bush	HDR
Jeffrey Dale	Kimley-Horn
Nat Heyward	Kimley-Horn
Andrew Babbs	Bolton & Menk
Natasha Henderson	NCDOT TSU

TCC Chairman Ed Muire called the January 17, 2024 meeting of the Cabarrus Rowan MPO TCC to order at approximately 10:00 am. Chairman Muire called the roll of eligible TCC members and determined that a quorum was met. Chairman Muire then asked if there were any adjustments to the meeting agenda. CRMPO Director Phil Conrad suggested that since so many new members and guests were present, an introduction of those present might be necessary. Chairman Muire agreed and those present went around the virtual table introducing themselves.

Chairman Muire continued by asking if there were any speakers from the floor. With no speakers being heard, TCC Chairman Muire moved to the next item of business. At that time TCC Chairman Muire asked if other member jurisdictions present would like to discuss returning to in person meetings. By consensus it was determined that this item would be discussed at the next CRMPO TCC meeting.

**Approval of Minutes**

TCC Chairman Muire called the members' attention to the minutes of the October 18, 2023 TCC meeting included in their meeting packets. TCC Chairman Muire asked if there were any

corrections or additions to the minutes. With no corrections or additions heard, Mr. Phillip Graham made a motion to approve the minutes as presented. Mrs. Susie Morris seconded the motion and the TCC members voted unanimously to approve.

### **Nomination and Election of TCC Vice-Chair**

CRMPO Executive Director Phil Conrad reported that the Cabarrus Rowan MPO TCC Bylaws state that a new TCC Vice-Chair must be elected each year. Phil reported that the Vice-Chair will rotate to the Chair position in January 2025. He stated that the TCC would need to nominate and elect a Vice-Chair from Cabarrus County at today's meeting since the current Chair was from Rowan County. After discussion, Mrs. Wendy Brindle nominated Mrs. Susie Morris to become the 2024 Vice Chair of the CRMPO TCC. Mr. Phillip Graham made a motion to close the nominations and TCC Chairman Ed Muire seconded that motion. The TCC members voted unanimously to approve Mrs. Morris to the position.

### **FY 2024-2033 MTIP Modification #2**

Mrs. Wendy Miller, CRMPO Staff Planner, explained to the TCC members that MPO staff typically brings amendments or modifications from recent NCDOT Board of Transportation agendas to the TCC/TAC for consideration.

The first project modifications she explained, are statewide project additions: ER5600, M-0563D, M-0563E, TC-0031, TC-0033, HS-2015DIV, HS-2015-REG, HS2015SW, M0552-ADIV, M0552-AREG, M0552-ASW, M0552-BDIV, M0552- BREG, M0552-BSW, M0553-ADIV, M0553-AREG, M0553-ASW, M0553-BDIV, M0553-BREG, and M0553-BSW. The second project modification is the delay of construction to FY 24 for the Old Concord Road sidewalk project (C-5603D). The third project modification is to delay construction to FY 24 for the Brenner Avenue intersection project (C-5603H). The fourth project modification is to accelerate construction to FY 24 for the RCI at NC 24/27 and Pine Bluff Road (HS-2010F). The fifth project modification is to delay construction to FY 27 for the NC 73 widening west of the county line (R-5706A). The sixth project modification is to add a project break for the Henderson Grove Church Road railroad crossing project (Y-5500AI). The seventh project modification is to delete the East Fisher Street bridge project at the request of the City of Salisbury (HM-0001). The eighth project is to add construction in FY 24 for the Division 10 ADA intersection improvements (R-5790). The ninth project is to delay right-of-way to FY 25 for the Jake Alexander Blvd sidewalk (BL-0034). The tenth project is to delay construction to FY 25 for the track improvements, pedestrian underpass, and second platform at the Kannapolis Amtrak Station (P-5725). The eleventh project is to delay construction to FY 25 for the second platform and pedestrian underpass at the Salisbury Amtrak Station (P-5726A). The twelfth project is to add preliminary engineering for the Division 9 ADA intersection improvements (BO-2409). The thirteenth project is to add preliminary engineering for the Division 10 ADA intersection improvements (BO-2410). The fourteenth project is to delay construction to FY 27 for the Bruton Smith Blvd sidewalk project (EB5732). The fifteenth project is to delay construction to FY 31 for the George Liles Pkwy extension (R-2246A). The sixteenth project is to delay construction to FY 29 for the Poplar Tent Road widening (U-3415A). The seventeenth project is to delay construction to FY 26 for the Union Cemetery Road realignment (U-5956). The eighteenth and final project is to delay construction to FY 27 for the Derita Road widening (U-6032).

CRMPO Staff Planner Miller called members' attention to Attachment 4 included in their packet which was a draft resolution modifying the MTIP for these projects. She closed by stating the new STIP was effective October 1, 2023.

TCC Chairman Ed Muire asked Staff Planner Miller how modifications are determined and how are they funneled down to the CRMPO TCC and TAC. CRMPO Director Phil Conrad reported that the modifications are provided to the CRMPO by NCDOT who has reviewed them with the NCDOT Board of Transportation. Mrs. Wendy Brindle from the City of Salisbury reported that her group meets with NCDOT frequently to stay current with their respective local administered projects. Mr. Theo Ghiea, NCDOT Division 10 reported that they currently are providing a lot of communications between all jurisdictions on project changes. Chairman Muire reported that he had some concerns and questions about project Y-5500AI. His opinion was that more information should be provided to the group before it is approved. Mr. Phillip Craver said he would get more information and provide it to Chairman Muire.

With no further questions or comments, TCC Chairman Muire made a motion to recommend that the CRMPO TAC consider endorsing modification #2 with the omission of project Y-5500AI from the FY 2024-2033 MTIP. Mr. Richard Smith seconded the motion and the TCC members voted unanimously to approve.

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

CRMPO Staff Planner Wendy Miller reminded the TCC members that the RIDER Transit System's Program of Projects (POP) is a list of proposed FTA grant requests to support the operations of Rider Transit in Fiscal Year 2024. She went on to state that RIDER Transit has elected to use the CRMPO Public Involvement procedures to process their annual requirement. Staff Planner Miller called members' attention to Attachment 5 in their packets which was a copy of the POP.

After Staff Planner Miller reviewed the attachment for members, she asked for any comments or questions. With none being heard, Mr. Phillip Graham made a motion to recommend that the CRMPO TAC consider adopting the RIDER Transit POP as presented. Mrs. Susie Morris seconded that motion and the TCC members voted unanimously to approve.

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

CRMPO Staff Planner Wendy Miller reported to the TCC members that the federal transportation legislation requires that State DOTs and MPOs adopt performance-based planning as a component of the metropolitan transportation planning process. She continued by stating that NCDOT has released the next round of safety targets for North Carolina and it is up to each MPO to either adopt these targets or devise their own targets. The proposed safety targets were published on the MPO's website and advertised for public comment.

Staff Planner Miller called members' attention to Attachment 6 which was a draft resolution in support of the new safety targets for 2024. After review, Staff Planner Miller asked for any questions or comments. TCC Chair Muire asked if the group was being asked to adopt something that would be administered by NCDOT. Mr. Andy Bailey with

NCDOT TPD responded to the question and stated yes, because the state has the data at their disposal. With no other questions or comments heard, Mr. Phillip Graham made a motion to recommend that the CRMPO TAC consider adopting the Safety Targets as presented. Mr. Steve Blount seconded that motion and the TCC members voted unanimously to approve.

### **2024 Draft Local Priority Methodology**

CRMPO Director Conrad reported to the TCC members that NCDOT staff has indicated that Session Law 2012-84 requires the Department to develop a process for standardizing or approving MPO local input methodology. He went on to say that given recent changes in the way that points can be flexed between tiers. CRMPO staff will submit a draft of the Cabarrus-Rowan local input methodology to NCDOT for content review. After the content review, the NCDOT staff will grant conditional approval to the CRMPO's methodology subject to public input and CRMPO Board approval. Director Conrad called members' attention to Attachment #7 which was the local priority methodology and he reviewed it with the members.

Director Conrad asked for any questions or comments. TCC Chair Muire asked if there were any changes to the methodology. Director Conrad replied that there were no changes in the methodology but that there are some updates to the schedule. He continued by stating that he has submitted the methodology to NCDOT for comment but has heard nothing back so far.

With no additional questions or comments, Mrs. Susie Morris made a motion to recommend that the CRMPO TAC consider releasing the 2024 Draft Local Priority Methodology for public comment. Mrs. Wendy Brindle seconded the motion and the TCC members voted unanimously to approve.

### **FY 2024-2025 DRAFT UPWP**

CRMPO Director Phil Conrad reminded the TCC members that each year the Cabarrus-Rowan MPO develops and adopts a unified planning work program (UPWP). The UPWP is the CRMPO's budget and follows the state fiscal year 2024-2025. Director Conrad called members attention to Attachment 8 in their meeting packet which was the *Draft* budget. Director Conrad explained the UPWP identifies the planning tasks, responsible agencies, and funding sources for regional transportation planning activities to be conducted within the planning area during the next fiscal year. These projects include CRMPO planning activities undertaken by local agencies, the N.C. Department of Transportation, and a line item for Regional Model and MTP Maintenance. Director Conrad closed by stating that in the fall of 2023, NCDOT indicated that the allocation in FY 25 to the CRMPO is \$471,775.

At this time, Mr. Alex Rotenberry addressed Director Conrad and made a request to make a correction to page 52 of the meeting packet to correct the acronym to IMD. Mr. Rotenberry also reported to the TCC members that information is available for Complete Streets projects if interested. Mrs. Loretta Barren also questioned the Federal Highway Administration funding on Attachment #8. Director Conrad replied that NCDOT provided the funding table and amounts in the table.

With no further questions or comments being heard Director Conrad moved on to the next item of business.

### **Functional Classification System Request**

Director Conrad reported to the TCC members that functional classification is the process by which streets and highways are grouped into classes, or systems according to the character of service they are intended to provide. Director Conrad stated that as a general rule, highways fall into one of four broad categories: principal arterials, minor arterials, collector roads, and local roads and are based on whether the area is urban or rural. At this time Director Conrad called upon Mrs. Wendy Brindle to continue with the presentation. Mrs. Brindle with the City of Salisbury explained that it has been determined that the segment of Julian Road between US 601/Jake Alexander Blvd and I-85 at Exit 75 should be designated as a major collector in the federal functional classification system. Mrs. Brindle explained the need for the reclassification and then called members' attention to Attachment #9 in their packets. The attachment was a draft resolution in support of the proposed functional classification system change.

At that time, Mrs. Loretta Barren, FHWA questioned whether the reclassification was to a Major Collector or a Major Thoroughfare. Mr. Andy Bailey replied that it should be a Major Collector. With no further questions or comments, Mrs. Wendy Brindle made a motion to recommend that the CRMPO TAC consider adopting the proposed Functional Classification System change to Julian Road. TCC Chair Ed Muire seconded that motion and the TCC members voted unanimously to approve.

### **CTP Amendment**

Mr. Steve Blount with the Town of Spencer reported to members that the Town would like to add a connection between Long Ferry Road and Hackett Street as a proposed minor thoroughfare to the CRMPO's Comprehensive Transportation Plan (CTP). Mr. Blount explained that the Town has already incorporated this connection as part of their locally adopted plans. Mr. Blount went on to call members' attention to Attachment 10 in their meeting packets which included a map of the area and a *Draft resolution for their review*.

Director Conrad reported to the members that the CRMPO's CTP was last amended in October 2021. A map and resolution for this new amendment was included as attachment 10. Mr. Andy Bailey asked if the road is a network road or local road to which Mr. Blount replied it is a network road. Mr. Bailey reminded CRMPO Staff that the road would also need to be added to the NCDOT CTP maps as well.

With no further questions or discussion, Mr. Steve Blount made a motion to recommend that the CRMPO TAC consider adopting the CTP amendment. Mr. Richard Smith seconded the motion and the TCC members voted unanimously to approve.

### **Reports/CRMPO Business**

**1. Local Reports – MPO/NCDOT Division 9 and 10/PTD-** Mr. Phillip Craver, NCDOT Division 9 representative reported to TCC members that the updates spreadsheet was



included in today's meeting packet. He highlighted project B-4626 a bridge replacement 50% complete, U-5738 which was a project on Julian Road that is 50% complete and a project on Hannah Ferry Road which is 25% complete.

Mr. Theo Ghitea , NCDOT Division 10 representative called the TCC members' attention to a spreadsheet of Division 10 project updates and highlighted some of the ongoing projects in Division 10. His first highlight was in regard to NC 3 widening project. Mr. Ghitea reported that the crews were waiting for better weather to resume work. He also provided an update on the Rogers Lake Road Bridge project and the NC 73 bridge replacement in Mt. Pleasant.

Ms. Emily Stupka with NCDOT TPD reported that free bicycle helmets are available through NCDOT Bike and Ped Division. She also provided information on the Traffic Survey and Traffic Counts including a new mobile software called Traffic Viewer.

**2. Regional ITS Study Update** – Director Phil Conrad reported to the TCC members on the Regional ITS Study currently being done by Kimley-Horn. Mr. Jeff Dale with Kimley-Horn called members' attention to page 61 in their packets and reviewed the information for the members. Director Conrad thanked NCDOT-TPD for funding the study to update the regional plan. Phil also recognized Natasha Henderson with NCDOT's Senior Traffic Operations Engineer for her work on the project.

**3. Bike and Ped Demonstration Planning Studies** - Mr. Nat Heyward with Kimley-Horn addressed the TCC members and provided information on the Town of Landis Kimbal Road project and the Town of Faith's Main Street section between Brown Street and School Street.

**4. CMAQ Program Update and Awards** – Director Phil Conrad reported to the members that the CRMPO submitted six eligible CMAQ projects and are waiting to see which ones were awarded funding later this month.

**5. Special Study Update – Town of China Grove** - Mrs. Teressa Barringer with the Town of China Grove reported to the TCC members' that their project is in the consultant selection phase.

**6. Pennies for Progress – Union County** - CRMPO Director Phil Conrad called members' attention to information included in their packet on Union County's Critical Intersection Analysis Report. Director Conrad stated this was being brought to them as information. Mrs. Susie Morris asked if the CRMPO should adopt a similar list for future funding or grant opportunities. By consensus it was decided to discuss this topic at a subcommittee meeting.

**7. 2020 Census Smoothed Planning Boundary** – Director Conrad directed members to boundary map included in their packets. He stated that the map has now been updated with the UZA information. Director Conrad stated that the corrected map would need to be brought back before the CRMPO TAC before adoption. With no further discussion Mrs. Susie Morris made a motion to bring the corrected map back to the CRMPO TAC for their approval. Mr. Phillip Graham seconded the motion and the TCC members voted unanimously to approve.

**8. 2055 TAZ Level Forecasts-** Director Conrad reported to the members' that work has begun and will be completed by the deadline of June 30, 2024.

### **Informational Items**

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

RIDER Transit, Salisbury Transit and MTC Ridership  
CRAFT Meeting Minutes  
NC MPO Conference April 17-19  
2024 Meeting Calendar

**Next scheduled meeting: February 21, 2024**

With no further business to discuss, TCC Chairman Ed Muire thanked everyone for attending and adjourned the meeting.

RESOLUTION ADOPTING MODIFICATION #3 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 27th day of March, 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 27th day of March 2024.

---

Brittany Barnhardt, Chair  
Transportation Advisory Committee

REVISIONS TO THE 2024-2033 STIP  
HIGHWAY PROGRAM

CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION

STIP MODIFICATIONS

HL-0049 ROWAN PROJ.CATEGORY DIVISION	- CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION	BRENNER AVENUE, US 70 / US 601 (JAKE ALEXANDER BOULEVARD) TO MILFORD HILLS ROAD IN SALISBURY. CONSTRUCT MEDIAN; CONSTRUCT ROUNDABOUT AT MILFORD HILLS ROAD. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY RIGHT-OF-WAY FROM FY 24 TO FY 25 AND CONSTRUCTION FROM FY 24 TO FY 25.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2025 - \$11,000 (BGDA) FY 2025 - \$3,000 (L) FY 2025 - \$633,000 (BGDA) FY 2025 - <u>\$158,000</u> (L) \$805,000
P-5726 ROWAN PROJ.CATEGORY REGIONAL	- CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION	NORFOLK SOUTHERN RAILROAD, NS MAINLINE IN ROWAN COUNTY. CONSTRUCT TRACK IMPROVEMENTS, SECOND PLATFORM, PEDESTRIAN UNDERPASS, SITEWORK, RETAINING WALL AND SIGNAL EQUIPMENT. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY CONSTRUCTION FROM FY 25 TO FY 26.</u>	CONSTRUCTION	FY 2026 - \$1,855,000 (T) FY 2026 - \$196,000 (L) FY 2027 - \$5,588,000 (T) FY 2027 - \$550,000 (L) FY 2028 - \$2,398,000 (T) FY 2028 - <u>\$213,000</u> (L) \$10,800,000
P-5726B ROWAN PROJ.CATEGORY REGIONAL	- CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION	NORFOLK SOUTHERN, SALISBURY NORFOLK SOUTHERN CROSSOVER RELOCATION. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY CONSTRUCTION FROM FY 24 TO FY 25.</u>	CONSTRUCTION	FY 2025 - \$2,090,000 (T) FY 2026 - <u>\$1,910,000</u> (T) \$4,000,000

\* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2024-2033 STIP  
HIGHWAY PROGRAM

STATEWIDE PROJECT

STIP MODIFICATIONS

\* M-0563E - STATEWIDE PROJECT  
STATEWIDE  
**PROJ.CATEGORY**  
STATEWIDE

STATEWIDE, RESILIENCE PROGRAM REPORTING, ENGINEERING  
MANAGEMENT AND SUPPORT  
**ADD PRELIMINARY ENGINEERING IN FY 25 AND FY 26**  
**NOT PREVIOUSLY PROGRAMMED.**

FY 2024 - \$850,000 (PROTCT)  
FY 2025 - \$850,000 (PROTCT)  
FY 2026 - \$850,000 (PROTCT)  
\$2,550,000

\* R-5966 - STATEWIDE PROJECT  
STATEWIDE  
**PROJ.CATEGORY**  
EXEMPT

VARIOUS, FEDERAL TRIBAL TRANSPORTATION CONSTRUCTION  
PROGRAM (FTTP). ROAD AND BRIDGE  
IMPROVEMENTS TO BE CONSTRUCTED  
ON TRANSPORTATION FACILITIES THAT  
ARE OWNED BY THE FEDERAL  
GOVERNMENT THAT PROVIDE ACCESS  
TO TRIBAL LANDS.  
**UPDATE FUNDING IN FY 24, FY 25, FY 26, AND FY 27**  
**AT THE REQUEST OF THE FEDERAL HIGHWAY**  
**ADMINISTRATION. COST INCREASE EXCEEDING \$2**  
**MILLION AND 25% THRESHOLDS.**

FY 2024 - \$10,463,000 (FTTP)  
FY 2025 - \$5,598,000 (FTTP)  
FY 2026 - \$1,309,000 (FTTP)  
FY 2027 - \$937,000 (FTTP)  
\$18,307,000

REVISIONS TO THE 2024-2033 STIP  
HIGHWAY PROGRAM

CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION

STIP ADDITIONS

* HL-0123	- CABARRUS-ROWAN URBAN AREA	CONCORD, UPGRADE SOFTWARE FOR CONCORD	ENGINEERING	FY 2024 -	\$800,000	(CRPDA)
CABARRUS	METROPOLITAN PLANNING ORGANIZATION	CITYWIDE SIGNAL SYSTEM.		FY 2024 -	\$200,000	(L)
<b>PROJ.CATEGORY</b>		<b><u>ADD PROJECT AT THE REQUEST OF THE MPO.</u></b>	CONSTRUCTION	FY 2025 -	\$400,000	(CRPDA)
EXEMPT				FY 2025 -	\$100,000	(L)
					\$1,500,000	

STIP MODIFICATIONS

* BO-2409	- CABARRUS-ROWAN URBAN AREA	VARIOUS, DIVISION 9 PROGRAM TO UPGRADE	ENGINEERING	FY 2024 -	\$100,000	(TALT5)
DAVIDSON	METROPOLITAN PLANNING ORGANIZATION	INTERSECTIONS TO COMPLY WITH THE AMERICANS		FY 2025 -	\$100,000	(TA)
DAVIE	- HIGH POINT URBAN AREA METROPOLITAN	WITH DISABILITIES ACT (ADA) USING		FY 2026 -	\$100,000	(TA)
FORSYTH	PLANNING ORGANIZATION	TRANSPORTATION ALTERNATIVES (TA) FUNDS.		FY 2027 -	\$100,000	(TA)
ROWAN	- WINSTON-SALEM URBAN AREA	<b><u>ADD RIGHT-OF-WAY AND UTILITIES IN FY 24 - FY 28</u></b>		FY 2028 -	\$100,000	(TA)
STOKES	METROPOLITAN PLANNING ORGANIZATION	<b><u>NOT PREVIOUSLY PROGRAMMED.</u></b>	RIGHT-OF-WAY	FY 2024 -	\$50,000	(TALT5)
<b>PROJ.CATEGORY</b>	- NORTHWEST PIEDMONT RURAL PLANNING			FY 2025 -	\$50,000	(TA)
DIVISION	ORGANIZATION			FY 2026 -	\$50,000	(TA)
				FY 2027 -	\$50,000	(TA)
				FY 2028 -	\$50,000	(TA)
			UTILITIES	FY 2024 -	\$50,000	(TALT5)
				FY 2025 -	\$50,000	(TA)
				FY 2026 -	\$50,000	(TA)
				FY 2027 -	\$50,000	(TA)
				FY 2028 -	\$50,000	(TA)
			CONSTRUCTION	FY 2024 -	\$1,000,000	(TALT5)
				FY 2025 -	\$1,000,000	(TA)
				FY 2026 -	\$1,000,000	(TA)
				FY 2027 -	\$1,000,000	(TA)
				FY 2028 -	\$1,000,000	(TA)
					\$6,000,000	

\* INDICATES FEDERAL AMENDMENT

# REVISIONS TO THE 2024-2033 STIP HIGHWAY PROGRAM

CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION

## STIP MODIFICATIONS

* BO-2410 ANSON CABARRUS MECKLENBURG STANLY UNION PROJ.CATEGORY DIVISION	- CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION - CHARLOTTE REGIONAL TRANSPORTATION PLANNING ORGANIZATION - ROCKY RIVER RURAL PLANNING ORGANIZATION	VARIOUS, DIVISION 10 PROGRAM TO UPGRADE INTERSECTIONS TO COMPLY WITH THE AMERICANS WITH DISABILITIES ACT (ADA) USING TRANSPORTATION ALTERNATIVES (TA) FUNDS. <b><u>ADD RIGHT-OF-WAY AND UTILITIES IN FY 24 - FY 28 NOT PREVIOUSLY PROGRAMMED.</u></b>	ENGINEERING	FY 2024 - \$100,000 (TALT5) FY 2025 - \$100,000 (TA) FY 2026 - \$100,000 (TA) FY 2027 - \$100,000 (TA) FY 2028 - \$100,000 (TA)
			RIGHT-OF-WAY	FY 2024 - \$50,000 (TALT5) FY 2025 - \$50,000 (TA) FY 2026 - \$50,000 (TA) FY 2027 - \$50,000 (TA) FY 2028 - \$50,000 (TA)
			UTILITIES	FY 2024 - \$50,000 (TALT5) FY 2025 - \$50,000 (TA) FY 2026 - \$50,000 (TA) FY 2027 - \$50,000 (TA) FY 2028 - \$50,000 (TA)
			CONSTRUCTION	FY 2024 - \$1,000,000 (TALT5) FY 2025 - \$1,000,000 (TA) FY 2026 - \$1,000,000 (TA) FY 2027 - \$1,000,000 (TA) FY 2028 - \$1,000,000 (TA) \$6,000,000
* 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. <b><u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY RIGHT-OF-WAY FROM FY 23 TO FY 24. THIS ACTION ADDS RIGHT-OF-WAY TO THE FEDERALLY APPROVED STIP.</u></b>	RIGHT-OF-WAY	FY 2024 - \$94,000 (CMAQ) FY 2024 - \$23,000 (L)
			CONSTRUCTION	FY 2025 - \$1,892,000 (CMAQ) FY 2025 - \$473,000 (L) \$2,482,000

\* INDICATES FEDERAL AMENDMENT

Thursday, March 7, 2024

REVISIONS TO THE 2024-2033 STIP  
HIGHWAY PROGRAM

CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION

STIP MODIFICATIONS

* EB-5844 CABARRUS PROJ.CATEGORY DIVISION	- CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION	KANNAPOLIS, LITTLE TEXAS ROAD, LANE STREET TO DALE EARNHARDT BOULEVARD. CONSTRUCT SIDEWALK AND CURB AND GUTTER. <b><u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY CONSTRUCTION FROM FY 24 TO FY 25. COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u></b>	RIGHT-OF-WAY CONSTRUCTION	FY 2024 - \$320,000 (TAANY) FY 2024 - \$80,000 (L) FY 2025 - \$131,000 (CMAQ) FY 2025 - \$3,789,000 (TAANY) FY 2025 - \$980,000 (L) \$5,300,000
HS-2010H CABARRUS PROJ.CATEGORY STATEWIDE	- CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION	NC 49, SR 1155 (ZION CHURCH ROAD) INTERSECTION NEAR CONCORD. INSTALL REDUCED CONFLICT INTERSECTION WITH SIGNALIZED BULBOUTS. <b><u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY CONSTRUCTION FROM FY 25 TO FY 26.</u></b>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2024 - \$210,000 (HSIP) FY 2024 - \$70,000 (HSIP) FY 2026 - \$771,000 (HSIP) FY 2027 - \$1,178,000 (HSIP) \$2,229,000
P-5719C ALAMANCE CABARRUS DAVIDSON DURHAM GUILFORD MECKLENBURG ORANGE ROWAN WAKE PROJ.CATEGORY REGIONAL	- GREENSBORO URBAN AREA METROPOLITAN PLANNING ORGANIZATION - CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION - BURLINGTON-GRAHAM URBAN AREA METROPOLITAN PLANNING ORGANIZATION - DURHAM-CHAPEL HILL-CARRBORO METROPOLITAN PLANNING ORGANIZATION - CHARLOTTE REGIONAL TRANSPORTATION PLANNING ORGANIZATION - HIGH POINT URBAN AREA METROPOLITAN PLANNING ORGANIZATION - CAPITAL AREA METROPOLITAN PLANNING ORGANIZATION	PIEDMONT CORRIDOR, NEW TRAINS AND MAINTENANCE FACILITY. <b><u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY CONSTRUCTION FROM FY 24 TO FY 26.</u></b>	CONSTRUCTION	FY 2026 - \$156,888,000 (DP) FY 2026 - \$27,820,000 (T) FY 2027 - \$27,820,000 (T) \$212,528,000

\* INDICATES FEDERAL AMENDMENT



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

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

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

### **Schedule**

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

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

### **Schedule Summary:**

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

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

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

May 2024 to June 2024 – Review of SPOT evaluation results of proposed regional and division tier projects

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

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

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

October 23, 2024 MPO meeting – Allocate local points to division tier projects and develop NCDOT project submittal list / post results to CRMPO website for public comments

December 18, 2024 - review public comments and endorse final division tier project’s list for submittal to NCDOT

December 20, 2024 – Submit SPOT projects and publish information on CRMPO website

## **Public Input Process**

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

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

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

## **Ranking Process**

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

**From:** [Wert, Brian M](#)  
**To:** [pconrad@rlcassoc.com](mailto:pconrad@rlcassoc.com)  
**Subject:** RE: [External] RE: RE: RE: FW: RE: P6 Local Input Point Resources  
**Date:** Wednesday, February 28, 2024 12:27:07 PM  
**Attachments:** [image001.png](#)  
[image002.png](#)  
[image003.png](#)  
[image004.png](#)

---

Phil,

Wanted to let your know that your methodology has been approved. Please send us a final PDF by May 1.

**Brian M. Wert, PE**  
SPOT Office  
SPOT Manager  
North Carolina Department of Transportation

919 707 4657 office (Webex)  
336 317 2157 cell

1 S. Wilmington St. (Delivery)  
P2 Ground Level – Art Museum Annex  
Raleigh, North Carolina 27699-1534

1534 Mail Service Center (Mail)  
Raleigh, North Carolina 27699-1534



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

---

**From:** Phil Conrad <pconrad@rlcassoc.com>  
**Sent:** Wednesday, February 14, 2024 4:51 PM  
**To:** Wert, Brian M <bmwert@ncdot.gov>  
**Subject:** [External] RE: RE: RE: FW: RE: P6 Local Input Point Resources

**CAUTION:** External email. Do not click links or open attachments unless verified. Report suspicious emails with the Report Message button located on your Outlook menu bar on the Home tab.

Ok. I was hoping to take something back to my Board in March for an approval. Just trying to line up agenda items.

Thank you,

Phil

---

**From:** Wert, Brian M [<mailto:bmwert@ncdot.gov>]  
**Sent:** Wednesday, February 14, 2024 3:51 PM  
**To:** [pconrad@rlcassoc.com](mailto:pconrad@rlcassoc.com)  
**Subject:** RE: RE: RE: FW: RE: P6 Local Input Point Resources

Phil,

I have reviewed your methodology and I have no comments for you. It appears to be an update of the approved P6 methodology with dates and other factual items updated accordingly.

We have not yet approved the methodology. I'm working with the committee on the precise logistics of that. We have discussed the SPOT Office approving methodologies that are mostly unchanged and the larger group only reviewing the methodologies that change significantly. As soon as that is finalized then we will have a handful or more that will get approved right away. I expect yours to be one of those.

Do you have a specific date that you need something more definitive?

**Brian M. Wert, PE**  
SPOT Office  
SPOT Manager  
North Carolina Department of Transportation

919 707 4657 office (Webex)  
336 317 2157 cell

1 S. Wilmington St. (Delivery)  
P2 Ground Level – Art Museum Annex  
Raleigh, North Carolina 27699-1534

1534 Mail Service Center (Mail)  
Raleigh, North Carolina 27699-1534



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

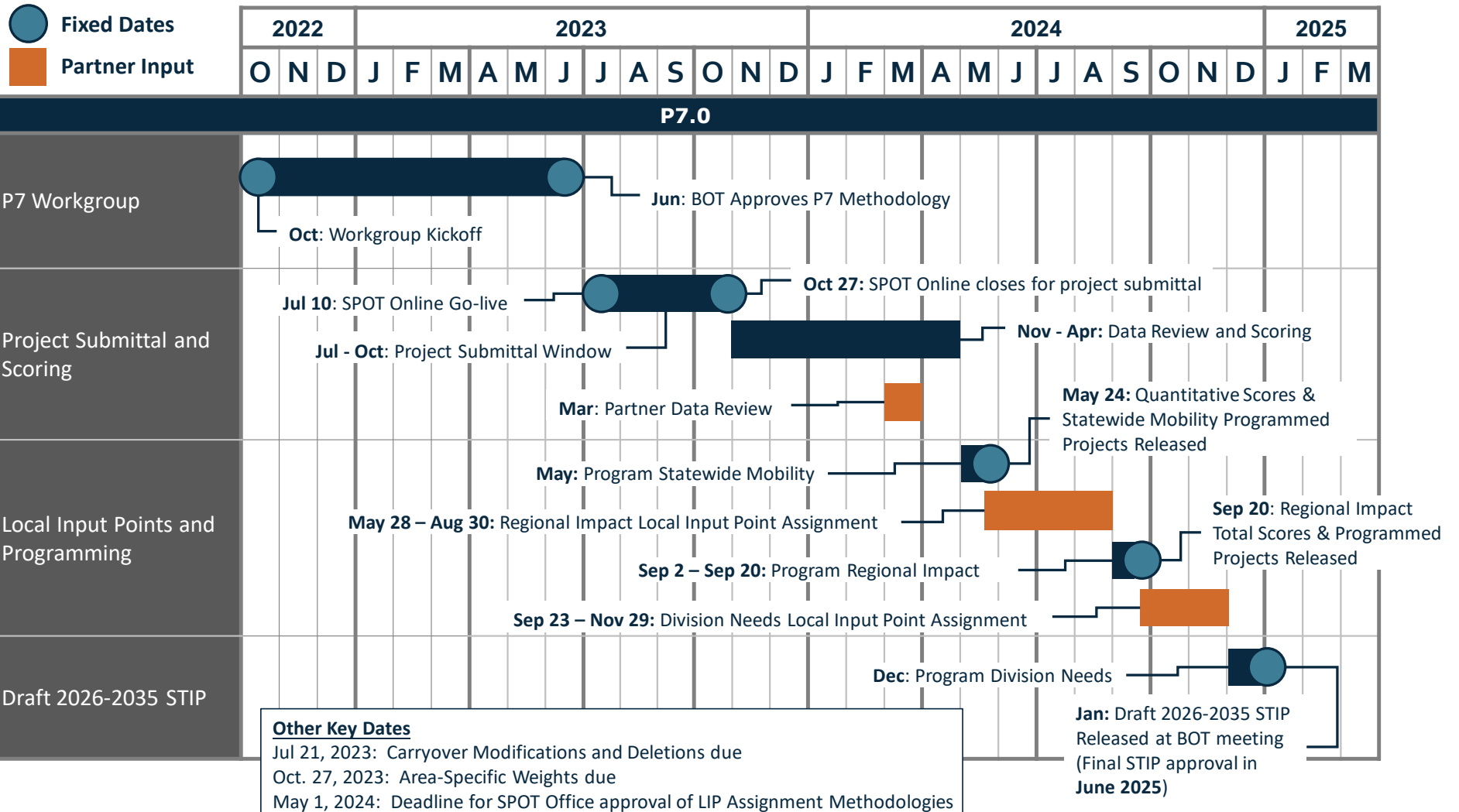


# P7 Schedule – Option 1a

Alternative to Option 1 suggested at the MPO Quarterly Meeting

Proposed Revision – February 2024

Dates set per P7 Workgroup in October 2022



## II-A Data and Planning Support

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

**Programmed Amount: \$77566**

**17% of staff budget**

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

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

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

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

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

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

## II-B Planning Process

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

**Programmed Amount: \$95500**

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

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

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

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

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

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

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

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

**Programmed Amount: \$12000**

**3% of staff budget**

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

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

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

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

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

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

**Programmed Amount: \$19500**

**4% of staff budget**

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

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

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

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

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

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

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

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

**Programmed Amount: \$16250**

**4% of staff budget**

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

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

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

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

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

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

- Respond to interview and data requests from the media & public.
- Ensure compliance with North Carolina general statutes regarding open meetings and public records.

### III-D. Statewide and Extra-Regional Planning

*Tasks within this category relate to the unique role that the MPO plays within our region and illustrate the broad impacts of transportation on the built and natural environment, and includes working to understand and help craft planning policy and standards at the statewide level.*

**Programmed Amount: \$124929**

**27% of staff budget**

**III-D Statewide and Extra-Regional Planning Total: \$ 124929**

- Coordinate with other regional, state and federal agencies involved in transportation planning activities; monitor federal and state legislation.
- Participate in the North Carolina Association of MPOs and attend ongoing statewide meetings to discuss transportation planning issues.
- Participate in and coordinate regional planning activities such as CRAFT, Metrolina Regional Model, Interagency, SICM, NCAMPO, etc.

### III-E. Management and Operations

*This category relates to the on-going administrative responsibilities related to the MPO, including support of both the Transportation Coordinating Committee and the MPO Board.*

**Programmed Amount: \$126030**

**27% of staff budget**

**III-E Management Ops, Program Support Admin Total: \$ 126030**

- Provide direct support to the MPO Governing Board and Technical Coordinating Committee (TCC), including agenda preparation and circulation, preparation of minutes, and scheduling, notification, virtual arrangement as needed, venue setup and breakdown, and facilitation of both in-person and virtual meetings.
- Procure supplies related to transportation planning activities.
- Support staff training and development.
- Cover direct costs associated with MPO administration.

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

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

Self-Certification Checklist

1. Is the MPO properly designated by agreement between the Governor and 75% of the urbanized area, including the central city, and in accordance in procedures set forth in state and local law (if applicable)? [23 U.S.C. 134 (b); 49 U.S.C. 5303 (c); 23 CFR 450.306 (a)]
2. Does the policy board include elected officials, major modes of transportation providers and appropriate state officials? [23 U.S.C. 134 (b); 49 U.S.C. 5303 (c); 23 CFR 450.306 (i)]
3. Does the MPO boundary encompass the existing urbanized area and the contiguous area expected to become urbanized within the 20-yr forecast period? [23 U.S.C. 134 (c), 49 U.S.C. 5303 (d); 23 CFR 450.308 (a)]
4. Is there a currently adopted Unified Planning Work Program (UPWP)? 23 CFR 450.314
  - a. Is there an adopted prospectus
  - b. Are tasks and products clearly outlined
  - c. Is the UPWP consistent with the LRTP
  - d. Is the work identified in the UPWP completed in a timely fashion
5. Does the area have a valid transportation planning process?  
23 U.S.C. 134; 23 CFR 450
  - a. Is the transportation planning process continuous, cooperative and comprehensive
  - b. Is there a valid LRTP
  - c. Did the LRTP have at least a 20-year horizon at the time of adoption
  - d. Does it address the 8-planning factors
  - e. Does it cover all modes applicable to the area
  - f. Is it financially constrained
  - g. Does it include funding for the maintenance and operation of the system
  - h. Does it conform to the State Implementation Plan (SIP) (if applicable)
  - i. Is it updated/reevaluated in a timely fashion (at least every 4 or 5 years)
6. Is there a valid TIP? 23 CFR 450.324, 326, 328, 330, 332
  - a. Is it consistent with the LRTP
  - b. Is it fiscally constrained
  - c. Is it developed cooperatively with the state and local transit operators
  - d. Is it updated at least every 4-yrs and adopted by the MPO and the Governor
7. Does the area have a valid CMP? (TMA only) 23 CFR 450.320
  - a. Is it consistent with the LRTP
  - b. Was it used for the development of the TIP
  - c. Is it monitored and reevaluated to meet the needs of the area
8. Does the area have a process for including environmental mitigation discussions in the planning process?
  - a. How \_\_\_\_\_
  - b. Why not \_\_\_\_\_
9. Does the planning process meet the following requirements:
  - a. 23 U.S.C. 134, 49 U.S.C. 5303, and this subpart;
  - b. In nonattainment and maintenance areas, sections 174 and 176 (c) and (d) of the Clean Air Act, as amended (42 U.S.C. 7504, 7506 (c) and (d)) and 40 CFR part 93;
  - c. Title VI of the Civil Rights Act of 1964, as amended (42 U.S.C. 2000d-1) and 49 CFR part 21;

- d. 49 U.S.C. 5332, prohibiting discrimination on the basis of race, color, creed, national origin, sex, or age in employment or business opportunity;
  - e. Section 1101(b) of the SAFETEA-LU (Pub. L. 109-59) and 49 CFR part 26 regarding the involvement of disadvantaged business enterprises in USDOT funded projects;
  - f. 23 CFR part 230, regarding the implementation of an equal employment opportunity program on Federal and Federal-aid highway construction contracts;
  - g. The provisions of the Americans with Disabilities Act of 1990 (42 U.S.C. 12101 et seq.) and 49 CFR parts 27, 37, and 38;
  - h. The Older Americans Act, as amended (42 U.S.C. 6101), prohibiting discrimination on the basis of age in programs or activities receiving Federal financial assistance;
  - i. Section 324 of title 23 U.S.C. regarding the prohibition of discrimination based on gender; and
  - j. Section 504 of the Rehabilitation Act of 1973 (29 U.S.C. 794) and 49 CFR part 27 regarding discrimination against individuals with disabilities.
  - k. All other applicable provisions of Federal law. (i.e. Executive Order 12898)
10. Does the area have an adopted PIP/Public Participation Plan? 23 CRR 450.316 (b)(1)
- a. Did the public participate in the development of the PIP?
  - b. Was the PIP made available for public review for at least 45-days prior to adoption?
  - c. Is adequate notice provided for public meetings?
  - d. Are meetings held at convenient times and at accessible locations?
  - e. Is the public given an opportunity to provide oral and/or written comments on the planning process?
  - f. Is the PIP periodically reviewed and updated to ensure its effectiveness?
  - g. Are plans/program documents available in an electronic accessible format, i.e. MPO website?
11. Does the area have a process for including environmental, state, other transportation, historical, local land use and economic development agencies in the planning process?
- SAFETEA-LU
- a. How \_\_\_\_\_
  - b. Why not \_\_\_\_\_



## **RESOLUTION CONFIRMING TRANSPORTATION PLANNING PROCESS**

### **RESOLUTION CERTIFYING THE CABARRUS-ROWAN METROPOLITAN PLANNING ORGANIZATION'S TRANSPORTATION PLANNING PROCESS FOR FY 2025**

WHEREAS, the Transportation Advisory Committee has found that the Metropolitan Planning Organization is conducting transportation planning in a continuous, cooperative, and comprehensive manner in accordance with 23 U.S.C. 134 and 49 U.S.C. 1607;

WHEREAS, the Transportation Advisory Committee has found the transportation planning process to be in compliance with Sections 174 and 176 (c) and (d) of the Clean Air Act (42 U.S.C. 7504, 7506 (c) and (d));

WHEREAS, the Transportation Advisory Committee has found the Transportation Planning Process to be in full compliance with Title VI of the Civil Rights Act of 1964 and the Title VI Assurance executed by each State under 23 U.S.C. 324 and 29 U.S.C. 794;

WHEREAS, the Transportation Advisory Committee has considered how the Transportation Planning Process will affect the involvement of Disadvantaged Business Enterprises in the FHWA and the FTA funded planning projects (Section 1003(b) of ISTEA of 1991 (Pub. L. 102-240), Sec. 105(f), Pub. L. 97-424, 96 Stat. 2100, 49 CFR part 23);

WHEREAS, the Transportation Advisory Committee has considered how the Transportation Planning Process will affect the elderly and the disabled per the provision of the Americans With Disabilities Act of 1990 (Pub. L. 101-336, 104 Stat. 327, as amended) and the U.S. DOT implementing regulations (49 CFR parts 27, 37, and 38);

WHEREAS, the Cabarrus-Rowan Metropolitan Transportation Improvement Program is a subset of the currently conforming Cabarrus-Rowan Metropolitan Transportation Plan;

WHEREAS, the Transportation Plan has a planning horizon year of 2050, and meets all the requirements for an adequate Transportation Plan.

NOW THEREFORE, be it resolved that the Cabarrus-Rowan Urban Area Transportation Advisory Committee certifies the transportation planning process for the Cabarrus-Rowan Metropolitan Planning Organization on this the 27th day of March, 2024.

---

Chair, Transportation Advisory Committee

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

Name of MPO: Cabarrus-Rowan MPO

\_\_\_\_\_ Check here if no anticipated DBE opportunities

Person Completing Form: Phil Conrad

Telephone Number: 704-791-0608

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

Sample Entry:

II-C-11	Transit Plan Evaluation	Big City Planning Department	Consultant	\$48,000	\$60,000
---------	-------------------------	------------------------------	------------	----------	----------

**Note: This form must be submitted to NCDOT-PTD even if you anticipate no DBE Contracting Opportunities. Note “No contracting opportunities” on the table if you do not anticipate having any contracting opportunities.**

**Cabarrus-Rowan MPO Local Match Table**

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

Cabarrus-Rowan  
Metropolitan Planning Organization

***RESOLUTION***

Approving the FY 2024-2025 Unified Planning Work Program

March 27, 2024

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

Whereas, a comprehensive and continuing transportation planning program must be carried out cooperatively in order to ensure that funds for transportation projects are effectively allocated to the Cabarrus-Rowan Metropolitan Planning Organization; and

Whereas, the City of Concord has been designated as the recipient of Federal Transit Administration Metropolitan Planning Program funds; and

Whereas, members of the Cabarrus-Rowan Transportation Advisory Committee agree that the Unified Planning Work Program will effectively advance transportation planning for SFY 2024-2025.

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

\*\*\*\*\*

I, Brittany Barnhardt, TAC Chair do hereby certify that the above is a true and correct copy of an excerpt from the minutes of a meeting of the Cabarrus-Rowan Transportation Advisory Committee, duly held on the 27<sup>th</sup> day of March, 2024.

\_\_\_\_\_  
TAC Chair

Subscribed and sworn to me this 27<sup>th</sup> day of March, 2024.

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

(Notary seal)

CRMPO CTP INVENTORY AND RECOMMENDATIONS (AMENDED DATE March XX, 2024)

HIGHWAY																		
Local ID	Facility	Section (From - To)	Jurisdiction	Dist. (mi)	2013 Existing System						2040 Proposed System					CTP Classifi- cation	Tier	Other Modes
					Cross-Section		ROW (ft)	Speed Limit (mph)	Existing Capacity (vpd)	2013 AADT	2040 AADT E+C	2040 AADT with MTP	Proposed Capacity (vpd)	Cross- Section	ROW (ft)			
					(ft)	lanes												
	NC 49	George Liles Blvd (SR 1309) - Old Charlotte Rd (SR 1157)	Concord	1.1	48	4D	150	55	35100	20000	36900	27200	30800	4-B	220	B	Sta	MB
	Cabarrus Ave (SR 1002)	Old Charlotte Rd - Kerr St	Concord	0.5	40	2	60	35	11100	13000	37600	18000	14000	2-J	90	B	Sub	MB
	Cox Mill Rd (SR 1448)	Poplar Tent Rd (SR 1394) - Rocky River	Cabarrus County	1.5	18	2	40	55	13100	6200	10400	9800	13200	3-C	80	Min	Sub	MB
	Cox Mill Rd (SR 1448)	Rocky River - Christenbury Pkwy (SR 1447)	Concord	0.8	20	2	60	55	13600	6200	17400	8800	13200	3-C	80	Min	Sub	MB
	Five Row Rd	Long Ferry Rd (SR 2120) - Hackett St (SR 2124)	Spencer	0.4	18	2	60							2-A	60	Min	Sub	
	Flowes Store Rd (SR 1132)	NC 24/27 - US 601	Cabarrus County	3.0	24	2	60	45	14600	3200	-	5100	14600	3-A	90	Maj	Sub	MA
	Hackett St (SR 2124)	Five Row Rd - Martin Luther King Jr. Ave Ext	Spencer	0.5	18	2	60							2-A	60	Min		
	Harris Rd (SR 1449)	Meck Co - Odell School Rd (SR 1442)	Concord	3.4	22	2	50	45	11800	13000	5900	25300	36600	4-D	110	B	Sub	MB
	Lake Concord Rd	Church St (SR 2287)- Burrage Rd	Concord	0.3	50	4	60	35	22200	11000	22900	17000	22200	5-A	110	B	Sub	MB
	Lake Concord Rd	Burrage Rd - NC 3 (Branchview Dr)	Concord	0.7	60	4D	50- 90	35	24300	11000	19000	14000	24300	4-D	110	B	Sub	MB
	Lincoln St (Rutherford St)	Chestnut Dr - Wilshire Ave (SR 1157)	Concord	1.4	24	2	60	25	10000	1900	6300	2100	10200	2-E	60	Min	Sub	MB
	Martin Luther King, Jr Ave Ext	Long Ferry Rd (SR 2120) - Hackett St (SR 2124)	Spencer	2.0	-	-	-	-	-	-	-	5200	10200	2-G	85	Min	Sub	
	Morehead Rd (SR 1300)	Concord City Limits - US 29 (Concord Pkwy)	Concord	0.9	48	4D	110	45	11800	14000	22000	14600	28100	4-D	110	B	Sub	MB
	Odell School Rd (SR 1442)	Poplar Tent Rd (SR 1394) - NC 73 (Davidson Hwy)	Concord	1.5	22	2	40	45	11800	7700	12500	16400	36600	4-D	110	B	Sub	MB
	Old Salisbury Rd (SR 1002)	NC 3 - Concord City Limits	Concord	1.3	24	2	60	35	10200	7000	111000	11800	28100	4-B	130	B	Sub	MA
	Old Salisbury Rd (SR 1002)	Concord City Limits - Penninger Rd (SR 2113)	Cabarrus County	1.4	22	2	50	45	11800	5500	5500	8500	16000	4-B	130	B	Sub	MA
	Powder St	Cabarrus Ave (SR 1002) - Corban Ave	Concord	0.1	24	2	45	35	10200	-	-	600	12700	3-C	80	Min	Sub	MB
	Rock Hill Church Rd (SR 1414)	US 29 (Cannon Blvd) - Weddington Rd (SR 1431)	Concord	0.8	24	2	60	45	12200	12000	19100	10900	35100	4-D	110	B	Sub	MB
	Rock Hill Church Rd (SR 1414)	Weddington Rd (SR 1431) - Poplar Tent Rd (SR 1394)	Concord	1.2	22	2	60	35	9900	3500	6600	6600	12700	3-C	80	Min	Sub	MB
EB-5732	Weddington Rd (SR 1431)	Bruton Smith Blvd (SR 2894) - Reuben Linker Rd (SR 1438)	Concord	1.2	70	4D	100	45	35100	-	-	25900	35100	4-D	110	B	Sub	MB

## **CTP Street Appendix Change Summary**

### **Appendix Additions**

- Flowes Store Rd

### **Facility Type Change**

- Buffalo Ave (Minor Thoroughfare → 2-lane Major)
- Cabarrus Ave from US 29 -- US 601 (Boulevard --> Multi-lane Major)
- Cabarrus Ave from US-601 to Church St (Boulevard --> 2-lane Major)
- Central Dr (Major Collector --> Minor Thoroughfare)
- Central Dr Ext (Minor Thoroughfare --> Major Collector)
- Copperfield Blvd (Other Major --> Multi-lane Major)
- Cox Mill Rd (Minor Thoroughfare --> 2-lane Major)
- Flowes Store Rd (Other Major Thoroughfare --> 2-lane Major)
- International Dr (Boulevard --> 2-lane Major)
- Kannapolis Hwy (Other Major --> 2-Lane Major)
- McGill Ave (Minor Thoroughfare --> 2-Lane Major)
- Morehead Rd (Other Major → Boulevard)
- NC 3 (Boulevard --> Multi-lane Major)
- Old Airport Rd (Minor Thoroughfare --> 2-Lane Major)
- Rock Hill Church Rd (Minor Thoroughfare --> 2-Lane Major)
- Union St (Minor Thoroughfare --> 2-Lane Major)
- US 601 (Other Maj --> Boulevard)
- Zion Church Rd (Minor Thoroughfare --> 2-Lane Major)
- Zion Church Rd E (Minor Thoroughfare --> 2-Lane Major)

### **Multi-Use Path Designation Added**

- Cabarrus Ave (Old Charlotte – Powder St)
- Cox Mill Rd (Poplar Tent Rd – Christenbury Pkwy)
- Flowes Store Rd (Zion Church Rd – Irish Buffalo Creek)
- Harris Rd (Meck Co -- Odell School Rd (SR 1442)
- Lake Concord Rd
- Morehead Rd (Performance Dr -- US 29)
- NC-49 (Old Charlotte Rd -- George Liles Blvd/Stough Rd)
- Odell School Rd (NC 73 -- Poplar Tent Rd)
- Old Salisbury-Concord Rd (NC 3 -- Penninger Rd)
- Pitts School Rd
- Powder St (Cabarrus Ave – Corban Ave)
- Lincoln/Rutherford St (Irish Buffalo Creek – Wilshire Ave)
- Rock Hill Church Rd (Weddington Rd -- US 29)
- Weddington Rd (Rueben Linker Rd – Bruton-Smith Blvd)

### **Status Change**

- Derita Rd (Projected → Existing)
- Flowes Store Rd (Existing → Projected)

THOROUGHFARE INDEX		EXISTING				2023-2024		COMMENTS
Facility & Segment	From - To	Loc	New Location	lanes	Dist (mi)	Cross- Section	ROW (ft)	Multi-Use Corridor
ARCHIBALD RD (SR 1153)	Rocky River Rd -- Zion Church Rd	con		2	1.11	2-A / ADQ		
BEARD RD EXT.	Mecklenburg Co -- Christenbury Pkwy	con	Y	--	0.86	3-C	80	
BROOKWOOD AV	Church St -- Burrage Rd	con		2	1.05	3-C	80	
BRUTON SMITH BOULEVARD (SR 2894)	US 29 -- ZMAX Raceway	con		4	0.60	6-F	130	MB
BRUTON SMITH BOULEVARD (SR 2894)	ZMAX Raceway -- I-85	con		5	1.44	6-F	130	MB
BUFFALO AV	McGill Ave -- Church St	con		2	0.22	2-G	85	
BURRAGE RD	Old Salisbury-Concord Rd -- Brookwood Ave	con		2	0.94	2-E	60	
BURRAGE RD	Brookwood Ave -- NC 3 (Branchview Dr)	con		2	1.25	2-E	60	
BURRAGE RD	NC 3 (Branchview Dr) -- Lake Concord Rd	con		2	0.55	2-E	60	
CABARRUS AV (SR 1002)	US 29 -- US 601	con		4	0.24	5-A	100	
CABARRUS AV (SR 1002)	US 601 -- Old Charlotte Rd	con		4	0.82	2-J	90	
CABARRUS AV (SR 1002)	Old Charlotte Rd -- Powder St	con		2	0.30	2-J	90	MB
CABARRUS AV (SR 1002)	Powder St -- Kerr St	con		2	0.21	2-J	90	
CABARRUS AV (SR 1002)	Kerr St -- NC 73 (Church St)	con		2	0.57	2-J	90	
CABARRUS AV (SR 1002)	NC 73 (Church St) -- NC 3 (Branchview Dr)	con		2	0.76	2-J	90	
CALDWELL CONNECTOR	Weddington Rd Ext -- US 29	con	Y	--	2.02	4-D	110	
CALDWELL CONNECTOR	Hudspeth Rd (SR 1302) -- US 29 (Concord Pkwy)	con		2	0.9	4-D	100	
CENTRAL DR NW	NC 73 -- US 29	con		2	0.28	3-C	80	
CENTRAL DR NW	NC 73 -- Mills Ave	con		2	1.06	3-C	80	
CENTRAL DR NW	US 29 -- McGill Ave	con		2	0.84	3-C	80	
CENTRAL DR NW	McGill Ave -- End/Central Dr EXT	con		2	0.37	2-H	75	
CENTRAL DR EXT	Central Dr NW -- Epworth St NW	con	Y	--	0.18	2-H	75	
CHESTNUT DR	Lincoln St -- NC 73 (Union St)	con		2	0.23	2-E	60	
CHRISTENBURY PKWY (SR 1447)	Derita Rd (SR 1445) -- Cox Mill Rd (SR 1448)	con		4	0.39	4-D / ADQ	110	MB
CHRISTENBURY PKWY (SR 1447)	Cox Mill Rd -- Millstream Ridge	con		2	0.56	4-D	110	MB
CONCORD MILLS BLVD (SR 2894)	Derita Rd -- I-85	con		4	1.08	6-F	130	MB
COPPERFIELD BLVD	I-85 -- NC 3 (Branchview Dr)	con		5	1.71	5-A / ADQ	100	
CORBAN AV	Powder St -- NC 73 (Church St)	con		2	0.77	2-H	75	
COUNTRY CLUB	NC 3 (Branchview Dr) -- US 29 (Concord Pkwy)	con		2	0.61	3-C	80	
COX MILL RD (SR 1448)	Poplar Tent Rd (SR 1394) -- Rocky River	cab		2	1.52	3-C	80	MB W. Side
COX MILL RD (SR 1448)	Rocky River -- Christenbury Pkwy (SR 1447)	con		2	0.75	3-C	80	MB W. Side
CRESTMONT DR (SR 2643)	Old Airport Rd (SR 2635) - NC 73	con		2	2.00	2-C	50	
DERITA RD (SR 1445)	Poplar Tent Rd -- Concord Mills Blvd	con		2	2.54	4-C	110	W/ SHARROWS
DERITA RD (SR 1445)	Concord Mills Blvd -- Meck. Countv	con		2	0.24	4-D	110	MB
DICKENS PL EXT	Copperfield Blvd -- Penninger Rd	con	Y	--	1.77	3-C	80	
FLOWES STORE RD	Zion Church Rd -- Irish Buffalo Creek	cab		2	1.73	3-A/ADQ	60	MA
FLOWES STORE RD	Irish Buffalo Creek -- US-601	cab		2	1.13	3-A	60	
GEORGE LILES PKWY	Poplar Tent Rd -- I-85	con		4	0.58	4-A	180	
GEORGE LILES PKWY (SR 1430)	Weddington Rd -- Poplar Tent Rd	con		4	1.07	4-A / ADQ	180	MA
GEORGE LILES PKWY	US 29 (Concord Pkwy) -- Weddington Rd (SR 1431)	con		4	1.27	4-A	180	
GEORGE LILES PKWY (ROBERTA CHURCH RD)	Roberta Rd (SR 1304) -- US 29 (Concord Pkwy)	con		2	1.70	4-A	180	
GEORGE LILES PKWY (STOUGH RD)	NC 49 -- Roberta Rd	con		2	1.84	4-A	180	MA
HARRIS RD (SR 1449)	Meck Co -- Odell School Rd (SR 1442)	con		2	3.37	4-D	110	MB
INTERNATIONAL DR (SR 1429)	Poplar Tent Rd (SR 1394) -- NC 73 (Davidson Hwy)	con		2	1.39	2-L	80	
INTERSTATE 85	Mecklenburg Co -- NC 73 (Davidson Hwy)	con		8	6.36	8-B	250	
INTERSTATE 85	NC 73 (Davidson Hwy) -- Centergrove Rd (SR 2114)			4	5.29	8-B	250	
KANNAPOLIS HWY (SR 1008)	I-85 -- US 29	con		2	1.16	3-B	80	
KANNAPOLIS HWY (SR 1008)	I-85 -- Winecoff School Road			2		3-B	80	
KERR ST	McGill Av -- Cabarrus Av (SR 1002)	con		2	1.00	2-H	75	
LAKE CONCORD RD	Burrage Rd -- NC 3 (Branchview Dr)	con		5	0.65	4-D/ADQ	110	MB
LAKE CONCORD RD	Church St (SR 2287) -- Burrage Rd	con		4	0.3	5A	110	MB
LINCOLN ST / RUTHERFORD ST	Chestnut Dr -- Irish Buffalo Creek	con		2	1.40	2-E	60	
LINCOLN ST / RUTHERFORD ST	Irish Buffalo Creek -- Wilshire Ave	con		2		2-E	60	MB
MCGILL AVENUE	US 29 -- RailRoad	con		4	0.41	3-C / ADQ	80	MB SIDEWALK/BIKE LANE ONE SIDE
MCGILL AVENUE	Railroad -- Spring St / Buffalo Av	con		2	0.83	2-E	60	
MOREHEAD RD (SR 1300)	Harrisburg City Limits/Patricia Ave -- Concord City Limits (Performance Dr)	cab		3	1.31	4-D	110	
MOREHEAD RD (SR 1300)	Concord City Limits (Performance Dr) -- US 29 (Concord Pkwy)	con		4	0.73	4-D	110	MB: E. Side
MOREHEAD RD (SR 1300)	US 29 -- Caldwell Rd Ext	con		2	0.65	4-D	110	
NC 3 (BRANCHVIEW DR)	Lake Concord Rd -- Kannapolis City Limits (I-85)	con		2	0.60	4-D	135	
NC 3 (BRANCHVIEW DR)	Bradley St -- Lake Concord Rd	con		3	0.44	4-D	135	MB
NC 3 (BRANCHVIEW DR)	Bradley St -- NC 73 (Corban Av SE)			2	3.12	4-D	110	
NC 3 (BRANCHVIEW DR)	NC 73 (Corban Av SE) -- Old Airport Rd (SR 2635)	con		2	2.33	4-A	200	
NC 3 (S UNION ST)	US 601 (Warren C. Coleman Blvd) -- Old Airport Rd (SR 2635)	con		2	0.51	5-A	100	

NC 49	Cold Springs Rd -- US 601	con			3.54	4-B / ADQ	200	
NC 49	US 601 -- Zion Church Rd	con		4	1.63	4-B / ADQ	200	
NC 49	Zion Church Rd -- Old Charlotte Rd	con		4	1.22	4-B / ADQ	200	
NC 49	Old Charlotte Rd -- Old Charlotte Rd	con		4	1.09	4-B / ADQ	200	
NC 49	Old Charlotte Rd -- George Liles Blvd (Stough Rd)	con		4	0.39	4-B / ADQ	200	MB NW. Side
NC 49	George Liles Blvd (Stough Rd) -- Coddle Creek			4	0.36	4-B / ADQ	200	
NC 73 (CHURCH ST)	US 29 -- Davidson Dr	con		4	0.37	4-D	110	
NC 73 (CHURCH ST)	Davidson Dr -- Winecoff Ave	con		4	0.95	4-D / ADQ	110	
NC 73 (CHURCH ST)	Winecoff Ave -- Douglas Av			3	0.38	3-C	80	
NC 73 (CHURCH ST)	Douglas Av -- Cabarrus Av	con		2	0.95	3-C	80	
NC 73 (CHURCH ST)	Cabarrus Av -- Corban Av	con		2	0.17	3-C	80	
NC 73 (CORBAN AVE)	Church St -- NC 3	con		2	0.58	3-C	80	
NC 73 (DAVIDSON DR)	Church St -- US 29	con		2	0.27	4-D	110	
NC 73 (DAVIDSON HWY)	US 29 -- I 85	con		2	2.81	4-D	110	
NC 73 (DAVIDSON HWY)	I-85 - Poplar Tent Rd (SR 1394)	cab		2	6.07	4-D	110	MB
NC 73 (MT PLEASANT HWY)	NC 3 -- Crestmont Dr	con		2	1.47	4-F	100	MB
ODELL SCHOOL RD (SR 1601)	NC 73 -- Poplar Tent Rd	cab		2	2.84	4-D	110	MB W. Side
OLD AIRPORT RD (SR 2635)	NC 3 -- Crestmont Dr	con		2	0.87	3-C	80	
OLD AIRPORT RD (SR 2635)	Crestmont Dr -- NC 49	con		2	2.41	3-C	80	
OLD CHARLOTTE RD	Cabarrus Av -- US 601	con		2	1.10	3-C	80	
OLD CHARLOTTE RD (SR 1335, SR 1157)	US 601 -- Roberta Rd	con		2	0.32	4-D	110	
OLD SALISBURY-CONCORD RD (SR 1002)	NC 3 -- Penninger Rd	con		2	1.33	4-B	130	MA
PENNINGER RD (SR 2113)	Old Salisbury - Centergrove Rd			2	2	3-C	80	
PENNINGER RD (SR 2113)	Centergrove Rd -- Old Salisbury-Concord Rd (SR 1002)	cab		2	0.9	3-C	80	
PITTS SCHOOL RD (SR 1305)	Poplar Tent -- US 29			2	2.49	4-D	110	MB
PITTS SCHOOL RD (SR 1305)	Roberta Rd -- US 29	con		2	2.83	4-D	110	MB W. Side
POPLAR TENT RD (SR 1394)	NC 73 -- Derita Rd	con		2	4.22	4-D	110	MB
POPLAR TENT RD (SR 1394)	Derita Rd (SR 1445) -- Woodhaven Place			2	1.54	4-D	110	MB
POPLAR TENT RD (SR 1394)	Woodhaven Place -- George Liles Pkwy (SR 1430)	con		2	1.35	4-D	110	MB S. Side
POPLAR TENT RD (SR 1394)	George Liles Pkwy -- US 29	con		2	3.09	4-D	110	MB S. Side
POWDER ST SW	Cabarrus Ave - Corban Ave	con		2	0.07	3-C	80	MB
QUAY RD (SR 1446)	Quay Rd Ext -- Carolina Lilly	con		2	0.88	3-C	80	
QUAY RD EXT.	Quay Rd - Old Holland Rd		Y	--	0.17	3-C	80	
ROBERTA RD (SR 1304)	Old Charlotte Rd -- George Liles Pkwy (Roberta Church Rd)	con		2	2.57	4-D	110	MB N. Side
ROBERTA RD (SR 1304)	George Liles Pkwy (Roberta Church Rd) -- Pitts School Rd	con		2	1.44	4-D	110	MB N. Side
ROCK HILL CHURCH RD (SR 1414)	Poplar Tent Rd -- Weddington Rd	con		2	1.19	3-C	80	
ROCK HILL CHURCH RD (SR 1414)	Weddington Rd -- US 29	con		2	0.76	4-D	110	MB E. Side
ROCKY RIVER RD (SR 1139)	NC 49 -- Pharr Mill Rd	con		2	3.91	4-D	110	
UNION CEMETERY RD	Old Charlotte -- Sunderland Rd			2	0.78	2-E	60	
UNION CEMETERY RD RELOCATION	Sunderland Rd --US 29 (Rock Hill Church Rd Ext Relocation)	con	Y	--	0.58	2-E	60	
UNION ST S	Corban Av -- Manor Av	con		2	1.72	2-E	60	
UNION ST S	Manor Av -- NC 3	con		2	0.68	3-C	80	
US 29 (CONCORD PKWY)	I-85 -- Church St			4D	0.82	6-F	130	
US 29 (CONCORD PKWY)	Church St -- Central Av			4D	0.95	6-F	130	MB
US 29 (CONCORD PKWY)	Central Av -- Poplar Tent Rd	con		4	0.85	6-F	130	MB
US 29 (CONCORD PKWY)	Poplar Tent Rd -- US 601	con		4	1.04	6-F	130	MB
US 29 (CONCORD PKWY)	US 601 --Cabarrus Av	con		4	0.45	6-F	130	MB
US 29 (CONCORD PKWY)	Cabarrus Av -- Rock Hill Church Rd	con		4	0.28	6-F	130	
US 29 (CONCORD PKWY)	Rock Hill Church Rd -- George Liles Pkwy	con		4	1.92	6-F	130	MB N. Side
US 29 (CONCORD PKWY)	George Liles Pkwy -- Pitts School Rd	con		4	1.43	6-F	130	
US 29 (CONCORD PKWY)	Pitts School Rd -- Rocky River	con		4	1.18	6-F	130	MB S. Side
US 29 (CONCORD PKWY)	Rocky River -- Bruton Smith Blvd	con		6	0.73	6-F	130	MB S. Side
US 29 (CONCORD PKWY)	Bruton Smith Blvd -- Morehead Rd	con		6	0.24	6-F	130	MB S. Side
US 29 (CONCORD PKWY)	Morehead Rd -- Mecklenburg Co			6	0.26	6-B	150	
US 601 (WARREN COLEMAN BLVD)	NC 3 -- Flowes Store Rd			2	1	4-D	110	MA
US 601 (WARREN COLEMAN BLVD)	NC 3 -- US 29			2	4	4-D	110	MA
WEDDINGTON RD (SR 1431)	Old Holland Rd -- Bruton Smith Blvd	con		2	0.42	4-D	110	
WEDDINGTON RD (SR 1431)	Bruton Smith Blvd -- Ruben Linker Rd	con		4	1.20	4-D	110	MB
WEDDINGTON RD (SR 1431)	Ruben Linker Rd -- Rock Hill Ch Rd			2	4.61	4-D	110	MB
WILSHIRE AVE (SR 1157)	Old Charlotte Rd -- US 601	con		2	0.94	4-D	110	
WILSHIRE AVE (SR 1157)	US 601 -- Union St	con		2	1.32	4-D	110	MB
WILSHIRE AVE EXT (SR 1157)	Union St -- NC 3	con	Y	--	0.68	4-D	110	
WINECOFF SCHOOL RD (SR 1790)	NC 73 -- I-85	con		2	0.62	3-C	80	
WINECOFF SCHOOL RD (SR 1790)	Linker Ave -- S Ridge Rd	con		2	0.94	3-C	80	
ZION CHURCH RD (SR 1482,1155,1153)	NC 49 -- Flowes Store Rd			2	3.75	3-C	80	MB
ZION CHURCH RD (SR 1482,1155,1153)	Wilshire Ave -- NC 49			2	1.2	3-C	80	MB
ZION CHURCH RD EAST (SR 1153)	Zion Church Rd -- US 601	con		2	1.62	3-C	80	



### Proposals that address identified needs through 2050



### Bicycle and Pedestrian Features

Other Features

Studied Roads

MPO Boundary

RPO Boundary

0 0.38 0.75 1.5 2.25 3 Miles

COMPREHENSIVE TRANSPORTATION PLAN  
FOR THE CITY OF CONCORD AND PORTIONS  
OF THE CABARRUS-ROWAN METROPOLITAN  
PLANNING ORGANIZATION (CRMPO).

Location: City of Concord, Cabarrus County, North Carolina  
Townships 1, 2, 3, 4, 5, 11, 12

Office of the City Clerk  
City of Concord  
35 Cabarrus Ave. W.  
Concord, NC 28025  
(701) 920-5205

Prepared by: City of Concord Transportation Department

OFFICIAL TRANSPORTATION PLAN MAP

This the Day of 2024

Director of Transportation Department  
CITY OF CONCORD  
NORTH CAROLINA

ATTEST: \_\_\_\_\_  
Kim J. Deason, City Clerk

---

William C. Dusch, Mayor

This map is an exception to the definition of a subdivision of land.

Printed on 3/13/24

Transportation Director	Date
-------------------------	------



**FACILITY TYPES**  
Facility classifications for mobility and control of access planning through 2050

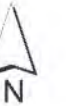
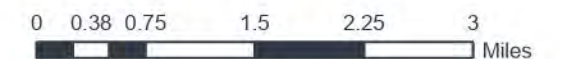


**CITY OF CONCORD**

**Comprehensive Transportation Plan**

Facility Types and Control of Access  
( Listed in Order of Mobility Function )

	Projected	New Location
Freeway		
Expressway (Multilane Divided)		
Boulevard (Multilane Divided)		
Major Thoroughfare (Multilane Undivided)		
Major Thoroughfare (2 Lane)		
Minor Thoroughfare		



Sheet 1 of 3

**COMPREHENSIVE TRANSPORTATION PLAN  
FOR THE CITY OF CONCORD AND PORTIONS  
OF THE CABARRUS-ROWAN METROPOLITAN  
PLANNING ORGANIZATION (CRMPO).**

Official Transportation Plan Map approved pursuant to the  
NC GENERAL STATUTE 136-66.2 and The City of Concord Code of Ordinances.  
This the \_\_\_\_ Day of \_\_\_\_\_ 2024.

Location: City of Concord, Cabarrus County, North Carolina.  
Townships 1, 2, 3, 4, 5, 11, 12

Office of the City Clerk  
City of Concord  
35 Cabarrus Ave W.  
Concord, NC 28025  
(701) 920-5295

Prepared by: City of Concord Transportation Department

OFFICIAL TRANSPORTATION PLAN MAP

This the \_\_\_\_ Day of \_\_\_\_\_ 2024.

Director of Transportation Department  
CITY OF CONCORD  
NORTH CAROLINA

ATTEST: \_\_\_\_\_  
Kim J. Deason, City Clerk

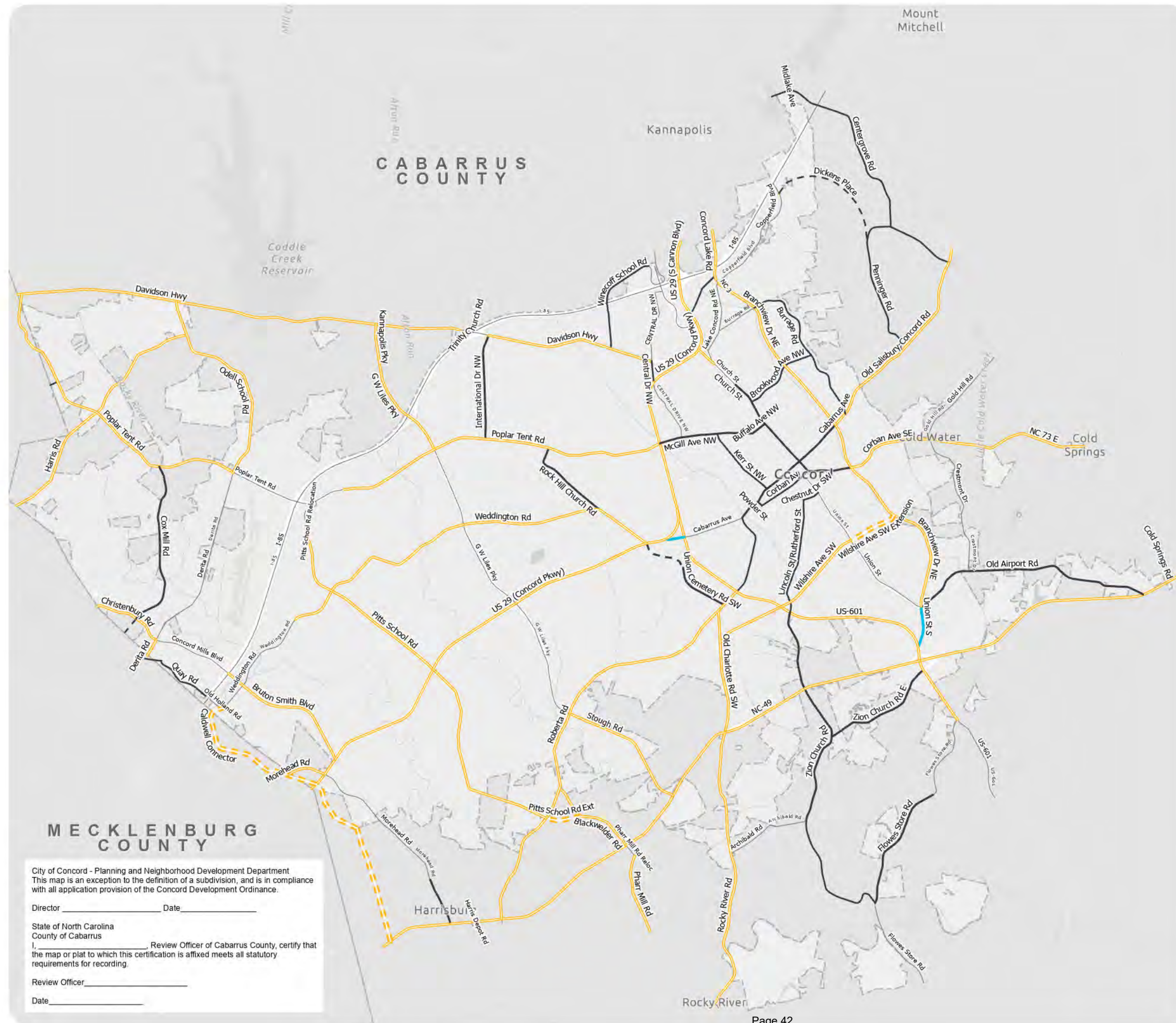
\_\_\_\_\_  
William C. Dusch, Mayor

This map is an exception to the definition of a subdivision of land.

Transportation Director \_\_\_\_\_

Date \_\_\_\_\_

Printed on 3/13/24



**MECKLENBURG  
COUNTY**

City of Concord - Planning and Neighborhood Development Department  
This map is an exception to the definition of a subdivision, and is in compliance  
with all application provision of the Concord Development Ordinance.

Director \_\_\_\_\_ Date \_\_\_\_\_

State of North Carolina  
County of Cabarrus

I, \_\_\_\_\_, Review Officer of Cabarrus County, certify that  
the map or plat to which this certification is affixed meets all statutory  
requirements for recording.

Review Officer \_\_\_\_\_

Date \_\_\_\_\_



PUBLIC TRANSPORTATION  
AND RAIL RECOMMENDATIONS  
Proposals that address identified needs through 2050



CITY OF CONCORD

Comprehensive Transportation Plan

Public Transportation and Rail Features

	Proposal ID #	Existing	Proposed
Urban Fixed Bus Corridors	#		
Regional Bus Corridors	#		
Rural Fixed Bus Corridors	#		
Fixed Guideway	#		
Amtrak / Freight Route	#		
Current Railroad	#		
Transit Facility	#		
Park and Ride Lot	#		
Amtrak Station	#		
Intermodal Terminal	#		

Denotes Highway Incidental ★



Sheet 2 of 3

COMPREHENSIVE TRANSPORTATION PLAN  
FOR THE CITY OF CONCORD AND PORTIONS  
OF THE CABARRUS-ROWAN METROPOLITAN  
PLANNING ORGANIZATION (CRMPO).

Official Transportation Plan Map approved pursuant to the  
NC GENERAL STATUTE 136-66.2 and The City of Concord Code of Ordinances.  
This the \_\_\_\_ Day of \_\_\_\_\_ 2024.

Location: City of Concord, Cabarrus County, North Carolina  
Townships 1, 2, 3, 4, 5, 11, 12

Office of the City Clerk  
City of Concord  
35 Cabarrus Ave. W.  
Concord, NC 28025  
(701) 920-5205

Prepared by: City of Concord Transportation Department

OFFICIAL TRANSPORTATION PLAN MAP

This the \_\_\_\_ Day of \_\_\_\_\_ 2024.

Director of Transportation Department  
CITY OF CONCORD  
NORTH CAROLINA

ATTEST: Kim J. Deason, City Clerk William C. Dusch, Mayor

This map is an exception to the definition of a subdivision of land.

Transportation Director

Date

Printed on 3/13/24



Cabarrus-Rowan MPO  
NCDOT Division 9 Transportation Update  
March 2024

TIP / WBS No.	Description	Let Date	Completion Date	Status	Construction Cost	Contractor	Project Administrator	Comments
<b>PROJECTS UNDER CONSTRUCTION</b>								
B-4626 38443.3.3 (C204446)	Replace Bridge #3 (EBL), and apply Bridge Preservation Treatment to Bridge #8 (WBL), over Yadkin River/W-S SB RR on NC 49 in Rowan County	February 1, 2022	April 30, 2025	50% Complete	\$13,777,568	Smith-Rowe	Eric Goldston (704) 630-3220	Smith-Rowe preparing SIP's and steel for unit 1 & 2 decks. Unit 3 demolition and substructure repair still delayed due to CSX/WSS flagger availability. Estimated completion mid-2025.
17BP.9.R.76 (DI00269)	Replace Bridge #81 on SR 1926 (Hannah Ferry Rd) over Deals Creek in Rowan County	August 23, 2023	May 3, 2024	30% Complete	\$932,023	Dellinger, Inc.	Eric Goldston (704) 630-3221	Dellinger currently working on end bent and wingwall construction. Project has experienced delays due to rainfall and flooding of Yadkin River.
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	0% Complete	\$1,213,212	R.E. Burns & Sons Company, Inc.	Eric Goldston (704) 630-3221	R.E. Burns & Sons Company, Inc. has been awarded the contract based on the bid submitted 10/25/23. Work expected to begin on 1/22/24. Road expected to be opened to traffic on 7/26/24.
U-5738 50163.3.1 (C204426)	Widen to multiple lanes on SR 2528 (Julian Rd) from US 601 (Jake Alexander Blvd) to SR 2667 (Summit Park Dr) in Salisbury	March 28, 2022	January 28, 2025	50% Complete	\$13,039,376	J. T. Russell and Sons	Eric Goldston (704) 630-3220	Traffic shifted to new alignment on 12/8/23. JTR working on phase II of bridge, culvert extension, and roadway. Estimated completion early 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	0% Complete	\$4,651,490	J. T. Russell and Sons	Kelly Seitz (704) 630-3200	No work planned to start on the project until April 15, 2024.
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	TBA	0% Complete	TBA	TBA	Kelly Seitz (704) 630-3200	Project bid date is February 20, 2024.
2024CPT.09.14.20802.3 (DI00338)	Asphalt Surface Treatment, 23 Sections in Rowan County	April 8, 2024	TBA	0% Complete	\$803,139	Whitehurst Paving Company, Inc.	Kelly Seitz (704) 630-3200	
49321.3.11 (DI00341)	Multiple Freeway and Expressway Ramp Pavement Markings in Davidson, Davie, Forsyth, Rowan, and Stokes County	April 8, 2024	TBA	0% Complete	\$431,240	Hickory Sealing and Striping, Inc.	Kelly Seitz (704) 630-3200	
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	29% Complete	\$2,880,727	Smith-Rowe	Kelly Seitz (704) 630-3200	Road was closed on October 23, 2023. Smith Rowe has installed the temporary waterline bridge and currently working on building end bents. Estimated completion with road opening by May 30, 2025.
R-5789H (DI00303)	ADA Ramps, Curb and Gutter, Sidewalk Construction on various routes in Davidson, Davie, Forsyth, Rowan, and Stokes.	October 31, 2022	TBA	60% Complete	\$964,376	Carolina Group Properties LLC	Kelly Seitz (704) 630-3200	Contractor is currently working in China Grove on replacing WCR. All work in Cleveland, Granite Quarry, Rockwell, Salisbury and Spencer is completed. Crews will also be working in Landis.
<b>PROJECTS UNDER DEVELOPMENT</b>								
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	Sam Coleman (919) 707-4158	Raleigh Let - Pending execution of rail agreement.
P-5726A	Salisbury train station second platform and pedestrian underpass.	February 28, 2025	TBA	ROW Acquisition in progress	\$2,900,000	TBA	Sam Coleman (919) 707-4158	Division POC
P-5726B	Salisbury Norfolk Southern crossover relocation.	March 29, 2024	TBA	ROW Acquisition in progress	\$4,000,000	TBA	Sam Coleman (919) 707-4158	NON-DOT Let
P-5733 47612.3.1	NS Main - Rowan County - Upgrade Station Building, expand waiting space and surface parking	October 15, 2025	TBA	ROW Acquisition 2025	\$5,419,000	TBA	Sam Coleman (919) 707-4158	NON-DOT Let - NCDOT is working with the City now to develop a project agreement for this project.
R-5860A	Proposed Misenheimer Bypass to proposed Rockwell Bypass. Upgrade roadway and access management.	September 17, 2028	TBA	ROW Acquisition Sept. 17, 2027	\$46,200,000	TBA	Colin Mellor (919) 707-6139	Raleigh Letting (LET)

Cabarrus-Rowan MPO  
NCDOT Division 9 Transportation Update  
March 2024

TIP / WBS No.	Description	Let Date	Completion Date	Status	Construction Cost	Contractor	Project Administrator	Comments
<b>PROJECTS UNDER DEVELOPMENT</b>								
Y-5500IA 80000.2.1.12	SR 1526 (Henderson Grove Church Rd) RR Crossing #724 362M Closure	May 29, 2024	TBA	ROW and Utility Relocations Complete	\$4,150,000	TBA	Brian Gackstetter (919) 707-4131	Division POC Let (DPOC) - ROW Plans Complete (RPC)(09/02/2021). STIP Amendment approved by MPO for funding source change.
W-5709E 44855.3.5	Construct Roundabout and other safety improvements at Intersection NC 153 (Rice Street) and SR 1197 (Cannon Farm Rd) in China Grove	August 28, 2024	TBA	ROW Acquisition in progress. 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 being finalized, working to begin utility relocations.
HE-0009	NC 152 Improvements with Proposed Access Road East of I-85/US 601 in China Grove	April 24, 2024	TBD	ROW Acquisition in progress	\$6,300,000	TBD	Ryan Newcomb (336) 747-7800	Economic Development project. PE work has started. 25% plans are complete. Hydro approved. 65% plans are complete. The developer is responsible for ROW acquisition and utility relocations. Final plans are complete pending ROW acquisition and utility relocations. Let date has been delayed to April due to delays by the developer acquiring the needed R/W and utility relocations being completed.
U-5901 44705.3.1	Airport Parkway –Construct 2-lane roadway on Multilane right of way in new location from SR 1710 (Harrison Rd) near US 70/601 (Jake Alexander Blvd) to SR 2539 (Peach Orchard Rd) at US 29 in Salisbury	2030	TBA	Planning/Design in Progress ROW Acquisition 2027	\$39,502,000	TBA	Ryan Newcomb (336) 747-7800	DDRL - Raleigh Let. Express design update in progress to update project estimate. Project is now on the PE Move Forward List. NTP for PE work issued 1/17/23. Project website updates are complete. Start of study letters have been sent. Merger Screening meeting held October 12, 2023. Working on CP1 packet. Planning for CP1 meeting in early 2024. Coordinating final pre-CP1 meeting with local representatives for March 2024.
U-6062 47486.3.1	Upgrade SR 2739 (N. Main St and S. Main St) to incorporate Bicycle Lanes and Sidewalks, from SR 2000 (Jackson Park Rd/N. Loop Rd) in Kannapolis to SR 1211 (Kimball Rd) in China Grove	2031	TBA	ROW Acquisition 2028	\$28,400,000	TBA	Ryan Newcomb (336) 747-7800	DDRL - *The PE work for this project has been temporarily suspended.* Express design update in progress to revise project estimate.
U-6130 48321.3.1	Construct ramp and intersection improvements on US 29 at NC 152 in China Grove	Funded for Preliminary Engineering Only	Funded for Preliminary Engineering Only	Funded for Preliminary Engineering Only	\$2,000,000	Funded for Preliminary Engineering Only	Ryan Newcomb (336) 747-7800	Division POC (DPOC) *The PE work for this project has been temporarily suspended.* Express design update in progress to revise project estimate.
<b>STATE FORCES CONSTRUCTED PROJECTS</b>								
48921	Construct right turn lane on SR 1210 (Old Beatty Ford Rd) at US 29.	May 31, 2024	TBA	ROW Acquisition complete. Utility relocations are required.	\$361,000	State Forces	Matt Jones (336) 747-7800	High Impact Low Cost (HILC) project - On schedule. ROW has been settled. Town of Landis will relocate project specific Fire Hydrant this Winter. Signal plans are complete. Windstream design complete and scheduled to be moved in March 2024.
SM-5709G	Construct left turn lane on NC 152 at US 29 in China Grove	August 31, 2023	TBA	Under Construction	\$290,000	State Forces	Matt Jones (336) 747-7800	The majority of the work is complete. Installation of the signal loops is outstanding to complete the signal upgrade.
<b>DIVISION BRIDGE PROJECTS UNDER DEVELOPMENT</b>								
15BPR.74	Bridge Rehabilitation - Bridge #137 and #465 on I-85 over Yadkin River	April 15, 2025	TBA	TBA	\$4,200,000	TBA	Daniel Dagenhart (336) 747-7800	In development
17BP.9.R.86	Replace Bridge #205 over Grant's Creek on SR 1516 (Airport Rd) in Rowan County	May 29, 2024	TBA	ROW Acquisition Complete	\$1,000,000	TBA	Daniel Dagenhart (336) 747-7800	Project is on schedule.
17BP.9.R.96	Replace Bridge #254 over Kerr Creek on SR 1547 (Caldwell Rd) in Rowan County	February 11, 2026	TBA	ROW Acquisition in progress	\$900,000	TBA	Daniel Dagenhart (336) 747-7800	Planning and Design underway.
BP9-R004 BP9-R004.3 (formerly 17BP.9.R.78)	Replace Bridge #235 over Unnamed Creek on SR 1322 (Ebenezer Rd) in Rowan County	November 13, 2024	TBA	ROW Acquisition in progress	\$750,000	TBA	Daniel Dagenhart (336) 747-7800	Planning and Design underway.

Cabarrus-Rowan MPO  
NCDOT Division 9 Transportation Update  
March 2024

TIP / WBS No.	Description	Let Date	Completion Date	Status	Construction Cost	Contractor	Project Administrator	Comments
<b>DIVISION BRIDGE PROJECTS UNDER DEVELOPMENT</b>								
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	Daniel Dagenhart (336) 747-7800	Planning and Design underway.
<b>LOCALLY ADMINISTERED PROJECTS</b>								
BL-0034	US 601 from north of Kelsey Scott Park Greenway to end of Salisbury Mall project in Salisbury. Construct sidewalk connections to Salisbury Greenway/Carolina Thread Trail.	September 30, 2025	TBA	ROW Acquisition September 01, 2025	\$845,040	TBA	Wendy Brindle (704) 638-5201	Non-DOT let (LAP) - City of Salisbury - PEF working on scope and schedule update.
C-5603D 43713.3.4	Construct sidewalks on Old Concord Rd from Ryan St to Jake Alexander Blvd	April 30, 2024	TBA	ROW Acquisition in progress	\$414,000	TBA	Wendy Brindle (704) 638-5201	Non-DOT let (LAP) - City of Salisbury - Reviewing final plans. The City has received ROW phase authorization. Need ROW certification to ask for construction authorization. City has updated plans to 2024 spec.
C-5603H 43713.3.8	Brenner Ave from Statesville Blvd. to W Horah St and Brenner Ave. at Link Ave. in Salisbury	September 1, 2024	TBA	ROW Acquisition in progress	\$643,000	TBA	Wendy Brindle (704) 638-5201	Non-DOT let (LAP) - City of Salisbury - in design. The City has received ROW phase authorization. 100% Plans and Proposal have been reviewed and comments provided 12-13-23.
EB-5619B 56033.3.3	Grants Creek Greenway - Construct Multi-use trail from Kelsey Scott Park to Forestdale Dr in Salisbury	September 29, 2024	TBA	ROW Acquisition in progress	\$1,439,000	TBA	Wendy Brindle (704) 638-5201	NON-DOT let (LAP) - ROW and Design issues.
HL-0049	US 70 / US 601 (Jake Alexander Blvd) to Milford Hills Rd in Salisbury. Construct Median; Construct roundabout at Milford Hills Rd.	September 30, 2024	TBA	ROW Acquisition April 1, 2024	\$830,000	TBA	Wendy Brindle (704) 638-5201	Non-DOT let (LAP) - PE funding was requested on 7/19/23. BOT approved funds on September 2023 agenda. PEF selected and kickoff meeting completed.
HL-0064	US 29 Main Street from Kerr Street to Horah Street in Salisbury. Safety Improvements.	February 28, 2025	TBA	ROW Acquisition Dec. 31, 2024	\$6,021,000	TBA	Wendy Brindle (704) 638-5201	On schedule. NCDOT reviewing 50% plans submitted 02/16/24.
EB-5861	Third Street Greenway from 3rd Street to Yadkin River in Spencer. Construct alternate route, including spur from Grants Creek	September 30, 2024	TBA	TBA	TBA	TBA	Joel Taylor (704) 633-5331	Non-DOT let (LAP) - Municipal Agreement in place.

	TIP/WBS No#	DESCRIPTION	LET DATE	COMPLETION DATE	STATUS	CONSTRUCTION COST	CONTRACTOR	PROJECT ADMINISTRATOR	COMMENTS
RAILROAD	<b>RAILROAD PROJECTS</b>								
	PROJECTS UNDER DEVELOPMENT								
	Y-4810K	<b>Rogers Lake Road</b> Grade Separation over NA/NCRR Railroad and closure at Grade Crossing N.724408Y in Kannapolis	November 2022	December 2026	21.97 % Complete	16.3M	NJR Group, Inc.	NCDOT <b>Michael Mariano</b> 704-983-4400	Project is currently under CONstruction. Estimated completion date is December 12, 2026.
	P-5725	<b>Kannapolis Train Station</b> Second Platform and Pedestrian Overpass	June 2025	TBD		13.4 M	TBD	NCDOT <b>Brad Smythe</b> 919-707-4118	Utility Relocations being performed. Pending Railroad CONstruction Agreement completion.
I85	<b>I-85 PROJECT</b>								
	PROJECTS UNDER DEVELOPMENT								
	I-3802AA	<b>I-85</b> Installation of Fiber Optic Communications Network, CCTV and DMS System for I-3802A project	February 2023	January 2025	5.63% Complete	2.1 M	Traffic Control Devices	NCDOT <b>Michael Mariano</b> 704-983-4400	Project is currently under CONstruction. Allotted 510 days to Complete construction.
URBAN	<b>URBAN PROJECTS</b>								
	ACTIVE CONSTRUCTION PROJECTS								
	U-3440	<b>NC 3 Kannapolis.</b> U-2009 (Westside Bypass)-TO-SR 1691 (Loop Road). Widen existing route to multi-lane facility	November 2016	Summer 2024	97% Complete	34.1 M	JT Russell	NCDOT <b>Jon Hinson</b> 980-523-0085	Project under CONstruction. The mainline is open to thru traffic. Inside lanes are closed to finish grass medians and concrete islands. Anticipated completion Summer 2024.
	PROJECTS UNDER DEVELOPMENT								

	TIP/WBS No#	DESCRIPTION	LET DATE	COMPLETION DATE	STATUS	CONSTRUCTION COST	CONTRACTOR	PROJECT ADMINISTRATOR	COMMENTS
A N P R O J E C T S	U-5761	NC 3 (Dale Earnhardt Blvd.) Kannapolis Improve Intersection of NC 3 and US 29/601	R/W-2022 LET 2025	2027 PROJECTED	90% Plans R/W 60%	10.9 M	RS&H	NCDOT Donald Griffith 704-983-4418	ROW Acquisition has been paused due to utility revisions and will resume once markups are complete. Anticipated Schedule Change Request was sent 8/23/2023 to reflect 2025 LET. Schedule change IS complete and properly reflected in SAP.
	U-6032	Mallard Creek Road (SR-2467)/ Derita Rd (SR-1445) from I-485 to Concord Mills Blvd. Widen to 6 lanes	R/W-2022 LET 2025	2027 PROJECTED	75% Plans	25 M	KCI	NCDOT Donald Griffith 704-983-4418	Currently in Design. PE work continuing. ROW Acquisition paused due to Duke Energy mark-up. Schedule Change Request is anticipated due to the delay in utilities. PM will provide update when SCR has been sent.
	U-5956	US 29 Concord. Realign Union Cemetery Road to Intersect US 29 at Rock Hill Church Road	R/W-2022 LET 2025	2027 PROJECTED	75% Plans	18.7 M	Kimley-Horn	NCDOT Randy Bowers 704-983-4400	ROW Acquisition in progress.
	U-3415A	SR 1394 Poplar Tent Rd. Concord Derita Road to George Liles Pkwy. Widen to 4 lane divided	R/W-2024 LET-2027	2029 PROJECTED	15 % Plans	20.5 M	TBD	NCDOT Donald Griffith 704-983-4418	PROJECT IS BEING 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									
47866/ SS-4910CK	Poplar Tent Rd. at Rock Hill Church Road & Eva Drive Concord Intersection improvements	March 2023	MAY 2024	8.23% Complete Page 48	1.48 M	NJR Group	NCDOT Michael Mariano 704-983-4380	Project began in July however it was halted due to utility conflicts. Conflicts have now been resolved and crews are back to work.	Printed on 3/13/24



	TIP/WBS No#	DESCRIPTION	LET DATE	COMPLETION DATE	STATUS	CONSTRUCTION COST	CONTRACTOR	PROJECT ADMINISTRATOR	COMMENTS
S  A  F  E  T  Y	PROJECTS UNDER DEVELOPMENT								
	W-5710AO	Salisbury-Concord Road/ Old Concord Rd. Kannapolis to Irish Potato Road. Install Roundabout	December 2023	Summer 2024	75% ROW	1.15 M	TBD	NCDOT Donald Harward 704-983-4400	Project Approved to move forward. Project has been awarded. Clearing to begin January 2024 with CONstruction set for Summer 2024.
	HS-2010M	Various Locations - wrong way markings and signs	February 2024	350 days	Awarded	675K	TMI Services	NCDOT Jared Mathis 704-983-4400	
	HS-2010O	NC 73. Install rumble strips and long life pavement markings.	March 2024	TBD		1.1 M	TBD	NCDOT Jared Mathis 704-983-4400	From Cabarrus/Mecklenburg County Line to 6700 Davidson Hwy, From Gold Hill Road to Radcliff Road, From Blueberry Street (Cabarrus County) to Blake Road Stanly County)
	HS-2010P	NC 49; US 601; and, NC 3. Install rumble strips and long life pavement markings.	March 2024	TBD		1.4 M	TBD	NCDOT Jared Mathis 704-983-4400	NC 49 From N. Drive to just West of Private Drive, US 601 From Jim Sossoman Road to just South of Flowe Store Road, and NC 3 from October Lane to the Iredell County Line.
	HS-2010Q	NC 49 @ Old Airport Road - Covert to RCI	Spring 2027					NCDOT Donald Harward 704-983-4400	
	HS-2010R	Robinson Church Road Near Peach Orchard Road - Wedge, Widen, Shoulders, grad Ditch	Summer 2027					NCDOT Donald Harward 704-983-4400	
	HS-2010D	NC 24/27 and Bethel School Road Half RCI	February 2024	TBD		392 K	TBD	NCDOT Donald Harward 704-983-4400	Project advertised and LET was held on 2/21/2024. CONstruction slated to begin April 2024.
	HS-2010F	NC 24/27 and Pine Bluff/Reed Mine Road RCI	February 2024	TBD		750 K	TBD	NCDOT Donald Harward 704-983-4400	Project advertised and LET was held on 2/21/2024. CONstruction slated to begin March 2024.
	HS-2010H	NC 49 and Zion Church Road RCI	May 2025	TBD		1.95 M	TBD	NCDOT Donald Harward 704-983-4400	Project Currently in Design.

## BRIDGE PROJECTS

ACTIVE CONSTRUCTION PROJECTS

Cabarrus-Rowan MPO  
Division 10 Transportation Update  
3/13/2024

	TIP/WBS No#	DESCRIPTION	LET DATE	COMPLETION DATE	STATUS	CONSTRUCTION COST	CONTRACTOR	PROJECT ADMINISTRATOR	COMMENTS
B   R  I	BP10.C002	Pipe 120247 St. Stephens Road / Mt. Pleasant Replace Pipes over Butcher Branch	September 2023	Spring 2024	71.34% Complete	800 K	Kemp Sigmon	NCDOT Michael Mariano 704-983-4380	Culvert is Complete. Grading & paving will be completed as weather & daily temperature allow.
	B-5808	Bridge 120057 & 120059 (US 29/601) over Irish Dutch Buffalo Creek near Poplar Tent Road	July 2023	FALL 2026	23.08% Complete	11.7 M	Dane Construction	NCDOT Michael Mariano 704-983-4380	Girders have been set on Stage I. SB traffic should be switched to Stage I Bridge in Spring '24.
	B-5810	Bridge 120022 /NC24-27. Locust, NC. Replace bridge over Rocky River	August 2022	July 2024	88.75% Complete	6.1 M	Dane Construction	NCDOT Michael Mariano 704-983-4380	Bridge is slated to be open for a single lane of traffic by mid February 2024.
	B-5375	Bridge120 137 / SR 1132 (Miami Church Road) Mt. Pleasant over Dutch Buffalo Creek	July 2022	November 2023	100% Complete	1.2 M	NJR Group	NCDOT Michael Mariano 704-983-4380	PROJECT IS COMPLETE
	B-5813	Bridge 120132 / NC 73 over Dutch Buffalo Creek	January 2022	April 2024	63.71 % Complete	4.3 M	NJR Group	NCDOT Michael Mariano 704-983-4380	CONstruction began in March 2022. Work was delayed due to lack of available ductile iron pipe. Deck, Approaches and Bridge Rail have been poured.
D	PROJECTS UNDER DEVELOPMENT								
G  E  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		895 K	TBD	NCDOT Garland Haywood 704-983-4400	Project Currently in Design - LET date accelerated in response to additional funding.
	BP10.R010	Bridge 120245 / SR 1309 (Stough Road) over Wolf Meadow Creek	N/A	N/A		2.5 M	TBD	NCDOT Garland Haywood 704-983-4400	PROJECT IS BEING OMITTED : This bridge was rehabilitated to extend the life of the facility. It will be replaced under the R-2246A Stough Road widening project.
	BP10.R015	Bridge 120129 / SR 2635. (Old Airport Road) Concord over Cold Water Creek	Winter 2027	Spring 2029		1.3 M	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  
3/13/2024

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

	TIP/WBS No#	DESCRIPTION	LET DATE	COMPLETION DATE	STATUS	CONSTRUCTION COST	CONTRACTOR	PROJECT ADMINISTRATOR	COMMENTS
	BP10.R031	Bridge 210 / SR 1006 (Mt Pleasant Road) Mt. Pleasant over Bost Creek	LET Date beyond 2026. Currently not established	TBD		550 K	TBD	NCDOT Garland Haywood 704-983-4400	Plan Development will proceed when LET has been scheduled and confirmed.
M U N I C I P A L	<b>MUNICIPAL PROJECTS</b>								
	<b>ACTIVE CONSTRUCTION PROJECTS</b>								
	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	30% Complete*	2.7 M	Sealand Contractors Corp.	City of Kannapolis NCDOT Jeff Burleson 704-983-4400	Phase I is completed. *A small section of Phase II was completed during the CONstruction of Phase I. Anticipated completion Date: June 2024.
	<b>PROJECTS UNDER DEVELOPMENT</b>								
	BL-0043	N Washington St (NC 73 to Park Drive) Sidewalk, C&G, widening, sharrows	September 2024	TBD	<b>PROJECT STATUS CHANGE</b>	524 K	TBD	Mt Pleasant NCDOT Jeff Burleson 704-983-4400	Town has stated that they plan to cancel this project and use other Grant funding outside of the LAP process. Waiting for official request and then will begin process of cancelling the project and settling up the bill.
	C-5603I	US 601 From Flowe Store Road to Zion Road with US 601 and Flowe Store Road. Sidewalk and intersection improvements	September 2024	TBD		1.5 M	TBD	Concord NCDOT Jeff Burleson 704-983-4400	Awaiting (75%) plans submittal. ROW Authorization proposed 3/1/24.
	EB-5732	SR 2894 (Concord Mills Blvd.) Concord Construct Sidewalks on Concord Mills Blvd. and portions of Weddington Road from US 29 to SR 1431	R/W 2024 LET 2026	2027		11 M	HNTB	NCDOT Terry Burleson 704-983-4400	<b>PROJECT IS REACTIVATED</b> Additional funding is needed to move forward.
P	C-5603F	Bethpage Road From South Main Street to Leonard Avenue and from Westgreen Drive to Klondale Avenue sidewalk	July 2025	TBD		208 K	TBD	Kannapolis NCDOT Jeff Burleson 704-983-4400	Waiting on revised ROW plan submittal and CE.

	TIP/WBS No#	DESCRIPTION	LET DATE	COMPLETION DATE	STATUS	CONSTRUCTION COST	CONTRACTOR	PROJECT ADMINISTRATOR	COMMENTS
R O J E C T S	EB-5844	Little Texas Road Lane Street to Dale Earnhardt Blvd sidewalk	September 2025	TBD		2.1 M	TBD	Kannapolis NCDOT Jeff Burleson 704-983-4400	ROW plans due 3/24.
	HL-0062	NC 49 from Morehead Rd to Cedar Dr-Access Management Improvement	March 2025	TBD		6.5 M	TBD	Harrisburg NCDOT Jeff Burleson 704-983-4400	Working on PEF selection and rate approval.
	HL-0063	Caldwell Rd from US 29 to NC 49-Intersection Improvement and Roadway Extension	March 2025	TBD		4.2 M	TBD	Harrisburg NCDOT Jeff Burleson 704-983-4400	Working on PEF selection and rate approval.
	HL-0001	Poplar Tent Road Improvements (Moss Drive to Fullerton PI Drive)	December 2025	TBD		3.9 M	TBD	Concord NCDOT Jeff Burleson 704-983-4400	(PE, ROW, CON) PE funds approved 8/17/22. RK&K selected as PEF and rates/contract apprvd. Starting design talks and environmental.
	BL-0060	Cox Mill Road Loop Greenway & Bicycle/Ped bridge	August 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	February 2025	TBD		1.5 M	TBD	Harrisburg NCDOT Jeff Burleson 704-983-4400	PE Funds Auth 11/2/23. Awaiting PEF selection process.
	BL-0087	Elm Ave, Glenn St, Crowell Dr, & Cedar Dr sidewalk	September 2024	TBD		1.6 M	TBD	Concord NCDOT Jeff Burleson 704-983-4400	Agreement Application was submitted on 12/15/2023.

R U R A L	RURAL PROJECTS								
	PROJECTS UNDER DEVELOPMENT								
	R-2246A	George Liles Parkway Concord NC 49 to Roberta Road. Widen to Multi-Lanes	R/W 2028 LET 2030	TBD		16.5 M	TBD	NCDOT Travis Preslar 704-983-4400	PROJECT IS BEING RESTARTED. Design firm is currently working on scope and fee.

	VARIOUS PROJECTS								
	ACTIVE CONSTRUCTION PROJECTS								
	SS-6210A 49966	Zion Church Road and Zion Church Road All-way Stop	December 2023	November 2023	Page 53	121 K	NCDOT	NCDOT Zach Gardner 704-983-4400	Printed on 3/13/24 All-Way Stop was installed on 12/14/2023.

Cabarrus-Rowan MPO  
Division 10 Transportation Update  
3/13/2024

	TIP/WBS No#	DESCRIPTION	LET DATE	COMPLETION DATE	STATUS	CONSTRUCTION COST	CONTRACTOR	PROJECT ADMINISTRATOR	COMMENTS
V  A  R  I  O  U  S	SS-6010AX 49833.3.1	Zion Church Road and Central Heights Drive All-way Stop	October 2023	November 2023		20 K	NCDOT	NCDOT Zach Gardner 704-983-4400	All-Way Stop has been installed.
	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	Project Under CONstruction. Will finish median work in February and begin second access CONstruction in March. Completion still scheduled for mid Summer.
	2024CPT.10.1 7.20131 - Contract DJ00512	VARIOUS LOCATIONS - 3 sections of secondary roads for Resurfacing/FDR	SPRING 2024	December 2025		2.6 M		NCDOT Marc Morgan 704-983-4380	
	2024CPT.10.1 2.20132 - Contract DJ00511	VARIOUS LOCATIONS - 9 sections of secondary roads for AST	March 2024	October 2025		581 K		NCDOT Marc Morgan 704-983-4380	
	2024CPT.10.0 4.20131 - Contract DJ00487	VARIOUS LOCATIONS - 38 sections of secondary roads for Resurfacing	March 2024	October 2025		3.1 M		NCDOT Marc Morgan 704-983-4380	
	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	October 2025	0% Complete	2.6 M	NJR Group, Inc.	NCDOT Marc Morgan 704-983-4380	
	2023CPT.10.1 5.20131 - Contract DJ00453	VARIOUS LOCATIONS - 9 sections of secondary roads	March 2023	November 2024	0% Complete	2.4 M	NJR Group, Inc.	NCDOT Marc Morgan 704-983-4380	Anticipate work to begin Summer 2024
	2023CPT.10.1 6.20132 Contract DJ00454	VARIOUS LOCATIONS - Sections of 10 secondary roads	March 2023	June 2024	100% Complete	416 K	Carolina Road Solutions LLC	NCDOT Marc Morgan 704-983-4380	PROJECT COMPLETED.
	2023CPT.10.1 4.10131 - Contract DJ00447	VARIOUS LOCATIONS - 1 Section of NC 3 and 3 sections of secondary roads	January 2023	October 2024	0% Complete	2.3 M	NJR Group, Inc.	NCDOT Marc Morgan 704-983-4380	Anticipate work to begin Spring 2024
	2022CPT.10.0 9.10131 - Contract C204686	VARIOUS LOCATIONS - 1 Section of NC 3 and 39 sections of secondary roads	December 2021	March 2024	64% Complete Page 54	5.5 M	NJR Group, Inc.	NCDOT Marc Morgan 704-983-4380	Project has experienced delays due to weather. Anticipated delivery Spring 2024.

Cabarrus-Rowan MPO  
Division 10 Transportation Update  
3/13/2024

TIP/WBS No#	DESCRIPTION	LET DATE	COMPLETION DATE	STATUS	CONSTRUCTION COST	CONTRACTOR	PROJECT ADMINISTRATOR	COMMENTS
R-5790JG 44920.3.15	VARIOUS LOCATIONS - Installation of curb ramps.	April 2023	August 2024	40% Complete	486 K	East Construction Co., LLC	NCDOT <b>Jon Hinson</b> 980-523-0080	Project is under CONstruction. Estimated completion date is 08/28/2024.
PROJECTS UNDER DEVELOPMENT								



# Town of Landis

## Multimodal Demonstration Project

# KIMBALL ROAD

## *Patterson Street to Main Street*

### Improvement Type

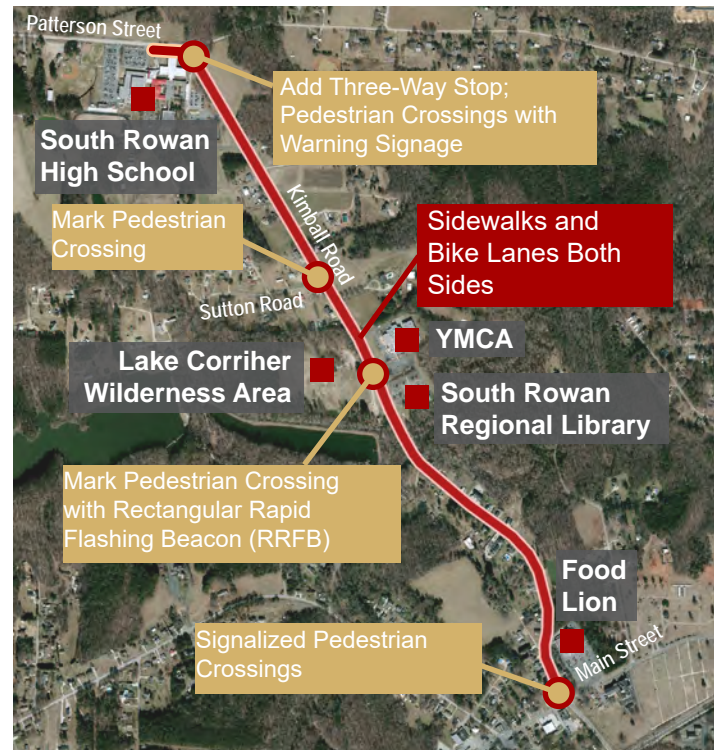
Sidewalks, Bike Lanes, and 4 Crossing Improvements (including a signal, a Rectangular Rapid Flashing Beacon (RRFB), traffic calming, and warning signage)

### Cost Estimate\*

~\$7,175,000 (in 2023 dollars)

~\$875,000 for design; ~\$250,000 for ROW; ~\$550,000 for utilities, ~\$5,500,000 for construction

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



## Current Condition

This two-lane section of Kimball Road stretches from Patterson Street to Main Street and provides access across Grants Creek to South Rowan High School, the J. Fred Corriher YMCA, South Rowan Regional Library, the Lake Corriher Wilderness Area, and Food Lion. Kimball Road otherwise mostly serves rural and residential areas and sees about 3,000 vehicles a day. Speed limits differ along the segment, with 35 miles per hour (mph) limits south of Grants Creek and 45 mph limits north of it.

There are currently no multimodal accommodations or paved shoulders along this segment, no designated safe ways to cross Kimball Road to get between the YMCA or library and the wilderness area, and no safe walking or biking routes to or from South Rowan High School from surrounding communities.

## Recommendations

The addition of sidewalks and bike lanes along Kimball Road, with marked ADA-accessible pedestrian crossings at Main Street, at the YMCA, across Sutton Road, and at Patterson Street, would provide a safe connection for people walking or biking to the high school, YMCA, regional library, and/or wilderness area from surrounding areas and other parts of town.

The crossings at Main Street should include pedestrian signal heads and connect to the existing sidewalk across Main Street on the south side of Coach Deal Road to allow connections across the railroad.

Based on low expected traffic and laneage, the crossing at the YMCA should include a Rectangular Rapid Flashing Beacon (RRFB) and warning signs prior to the crossing in both directions. As RRFBs are most effective on roads with speeds of 35 mph or less, the speed limit should be lowered along all of Kimball Road to 35 mph, matching the existing speed limit south of Grants Creek. Additional traffic calming measures should be considered.

To accommodate crossings near South Rowan High School, the intersection between Patterson Street and Kimball Road should be turned into a three way stop, with crosswalks behind stop lines across Kimball Road and across Patterson Street and with pedestrian crossing warning signs approaching the intersection in all directions. The turn radius for right turns from Patterson Street to Kimball Road should be reduced to encourage slow turns and pedestrian awareness.



# Photosimulation

*Existing Condition*

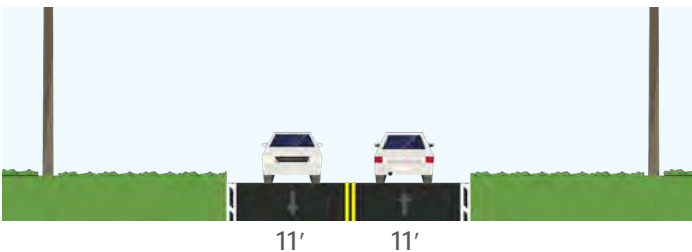


*Photosimulations of Preferred Future Design*

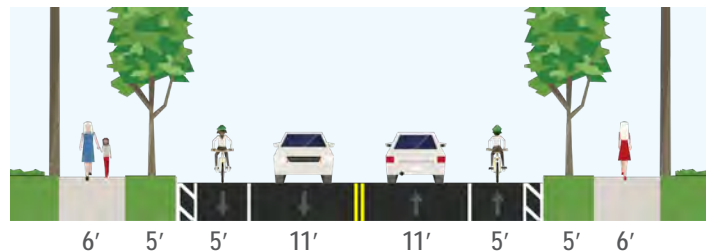


## Illustrative Cross-Sections

*Illustrative Current Cross-Section*



*Illustrative Preferred Cross-Section*



## Additional Constraints and Challenges

In order to fit both pedestrian and bike accommodations into the 60' right of way while matching NCDOT typical cross-section standards, Kimball Road will need to be upgraded to curb and gutter.

Kimball Road is lined with utility poles along most of the segment. While there is enough space between the road and the utility poles that relocation is likely unnecessary, the Town would need to work closely with the utility provider in design.

Much of the southern side of Kimball Road is fairly hilly and may pose topography challenges. In addition, there are areas where space for adding sidewalks and bike lanes is limited due to ponds, ditches, vegetation, or property fences. Sidewalks may need to be closer to the street than typical cross-sections in some places. Kimball Road is also lined with several driveways on both sides of the road that would need to be retained and safely incorporated in sidewalk designs.

The recently rebuilt existing bridge over Grants Creek appears to have been designed with paved shoulders and with space for multimodal accommodations in mind, so it should be possible to incorporate bike lanes and sidewalks in the space provided; however, this would need to be confirmed during design. If the bridge is unable to accommodate them, there would be additional costs involved in bridging Grants Creek.

To fully provide a safe route to school, the Town would need to work with South Rowan High School to ensure the sidewalk continues onto school property and connects to the school as needed.

# Town of Faith Multimodal Demonstration Project

## MAIN STREET *Brown Street to Church Street*



### Improvement Type

Lane Restriping, Utility Relocation, Sidewalk and Crossing Improvements (including Curb Bumpouts)

### Cost Estimate\*

~\$2,250,000 in 2023 dollars

~\$240,000 for Design

~\$35,000 for ROW

~\$725,000 for Utilities

~\$1,250,000 for Construction

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

## Current Condition

This two-lane section of Main Street between Brown Street and Church Street cuts through the center of Downtown Faith. The segment is lined with homes, churches, and several small local shop buildings and serves both through traffic to Salisbury and local traffic in Faith. Faith Academy is near the northern end of the segment, located on School Street.

Lanes are currently much wider than what is recommended or necessary. Where on-street parking exists, lanes are over 13 feet wide and in other areas lanes are up to 17 feet wide. This can lead to drivers speeding through the downtown.

While sidewalks do exist among most of the segment, they are mostly narrow, directly next to and often flush with the road, and frequently obstructed by utility poles. Crossings are often unmarked or poorly marked.

## Recommendations

Restriping Main Street with narrower 11-foot lanes would provide additional space for improved sidewalks without loss of parking spaces and helping calm speeds through downtown.

Moving the sidewalk further from the road and converting the space with utility poles in between to a planting strip would help provide clearer, wider sidewalks and a safer and more enjoyable walking experience.

All crossings should be striped and updated to ADA standards. Replacing do-not-park striping with curb bumpouts would help provide additional space for people walking, safer crossings, and a more pleasant streetscape.



# Photosimulations

## Existing Conditions

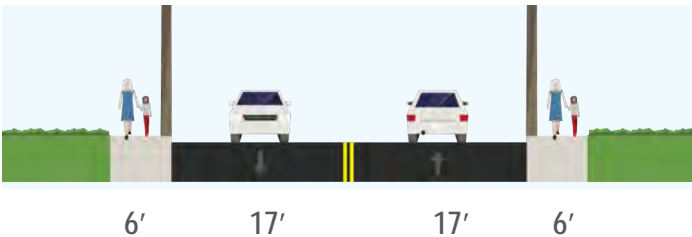


## Photosimulations of Preferred Future Design

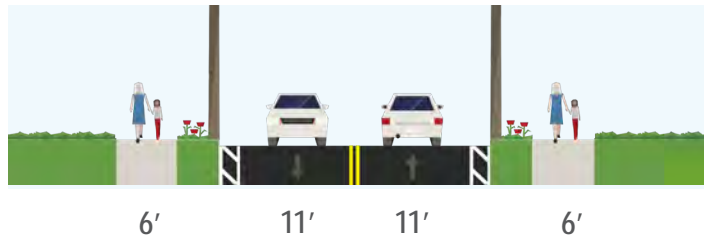


## Illustrative Cross-Sections

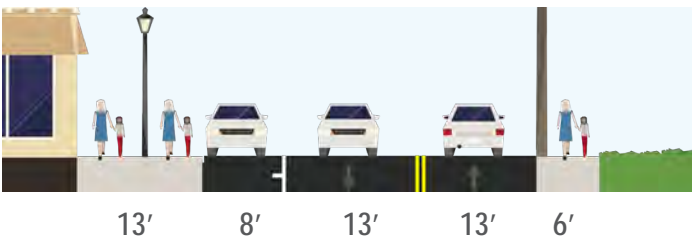
### Illustrative Current Cross-Section A



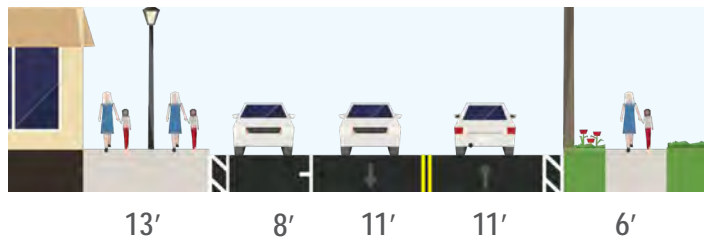
### Illustrative Preferred Cross-Section A



### Illustrative Current Cross-Section B



### Illustrative Preferred Cross-Section B



## Additional Constraints and Challenges

Some properties along the segment limit space available for widening or moving the sidewalk. Several yards are elevated and bounded with stone walls, while several properties on the east side of Main Street have parking lots facing the street. The existence of the stone retaining walls may also result in costs higher than the cost estimate.

Brown Street, Gantt Street, and the segment of Main Street that connects them are part of NC Bike Route 2, meaning people cycling will need a safe way to proceed along the route for regional bikeway connectivity. The intersections at Brown Street and Gantt Street need to be designed to accommodate safe bicycle travel across Main Street.

While the sidewalk on the east side of Main Street reaches School Street, there is no sidewalk currently connecting Main Street to Faith Academy. Providing a sidewalk along School Street would provide a safer walking route to the school.

CMAQ Projects Submitted since July 18, 2023

TIP #	Location	Project Type	Federal Total	Prior CMAQ Award	Existing Project Request	Local Total	Total
C-5603D	Old Concord Road (Ryan St to Jake Alexander Blvd)	Sidewalks	\$ 1,608,468	\$ 331,200	\$ 1,277,268	\$ 402,117	\$ 2,010,585
C-5603H	Brenner Avenue	Sidewalk and Intersection Improvements	\$ 1,589,158	\$ 608,000	\$ 981,158	\$ 397,289	\$ 1,986,447
BL-0060	Cox Mill Loop	Greenway and Bicycle/Pedestrian Bridge	\$ 3,680,000	\$ 1,549,154	\$ 2,130,846	\$ 920,000	4,600,000
C-5603I	US 601/Flowes Store Rd/Miami Church Rd	Sidewalk and Intersection Improvements	\$ 4,505,114	\$ 1,516,368	\$ 2,988,746	\$ 1,126,278	\$ 5,631,392
C-5502	Little Texas Road (Forest Park Dr to Mission Tripp St)	Sidewalk	\$ 986,400	\$ -		\$ 246,600	\$ 1,233,000
New Project	Roberta Road and Main Street	Roundabout	\$ 2,644,700	\$ -		\$ 661,176	\$ 3,305,880



**NORTH CAROLINA**  
Department of Transportation

# Spot Safety & Mobility Projects

NCDOT Division of Highways

Division 10

March 20, 2024



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

- Spot safety funds are used to develop smaller improvement projects to make safety improvements and spot mobility funds are used to address congestion.
- The maximum allowable contribution of safety funds per project is \$400,000. Maximum allowable for mobility funds is \$750,000.
- Projects are evaluated using cost-benefit ratio based on frequency of correctable crashes, severity of crashes, delay, and congestion.
- Typical projects include roundabouts, turn lanes, traffic signal, and reduced conflict intersection.

- Federal discretionary funding allocated by CRMPO requires a 20% local match.
- Safety and mobility funds can be used for all or part of the local match.
- Due to construction cost escalation, safety and mobility funds are not always able to fund the entire match.
- For competitive projects, the safety and mobility funds can reduce the local contribution amount to a municipality.
- For projects which are competitive for safety or mobility funds, NCDOT can assist with developing conceptual cost estimate.

- A \$6 million dollar intersection project qualifies for both spot safety and mobility funds. CRMPO allocates discretionary funds, but a 20% match of \$1.2 million dollars is required.

Fund Source	Amount	Percent
Spot Safety Funds	\$400,000	20%
Spot Mobility Funds	\$750,000	
Local Funds	\$50,000	
DA Funds	\$4,800,000	80%
Total	\$6,000,000	100%

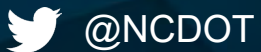


# Contact Us

---

Theo Ghitea, PE  
tghitea@ncdot.gov  
980-262-6292

Sean Epperson, PE  
sepperson@ncdot.gov  
704-983-4415



@NCDOT



NCDOT



NCDOTcommunications



@NCDOT



ncdotcom



ncdot\_com m

## Federal Funded Projects with Spot Mobility or Spot Safety Matches

TIP	Description	Funding Sources	Amount	Total Funds
U-6246	NC 84 and Rocky River Rd, Construct Improvements	Federal BGDA	\$ 1,805,000.00	
		Spot Mobility	\$ 725,000.00	
		Local	\$ 100,000.00	
				\$ 2,630,000.00
U-6247	NC 84 and Potter Rd, Costruct Improvements	Federal	\$ 2,230,000.00	
		Spot Mobility	\$ 750,000.00	
		Local	\$ 386,500.00	
				\$ 3,366,500.00
HL-0055	Potter Rd. and Forest Lawn Dr, Construct Roundabout	Federal	\$ 2,344,000.00	
		Spot Mobility	\$ 400,000.00	
		Local	\$ 272,000.00	\$ 3,016,000.00
HL-0117	NC 218 at Love Mill Rd, Construct Roundabout	Federal	\$ 2,000,000.00	
		Spot Safety	\$ 536,000.00	
		Hi/Lo	\$ 321,000.00	\$ 2,857,000.00
U-6087	Potter Rd and Wesley Chapel Rd, Construct Roundabout	Federal	\$ 2,159,160.00	
		Spot Mobility	\$ 475,250.00	
		Local	\$ 275,000.00	
				\$ 2,909,410.00
U-6088	New Town and Marvin Rd, Construct Roundabout	Federal	\$ 2,034,000.00	
		Spot Safety	\$ 321,000.00	
		Local	\$ 216,000.00	
		Contingency	\$ 105,000.00	
		Small Construction	\$ 66,609.77	
				\$ 2,742,609.77
U-6090	Weddington Matthews Rd and Tilley Morris Rd, Construct Roundabout	Federal	\$ 2,439,732.00	
		Spot Safety	\$ 517,500.00	
		Local	\$ 208,058.00	
				\$ 3,165,290.00
W-5710Z	NC 200, NC 521 and Rocky River Rd, Construct Roundabout	HSIP	\$ 1,127,108.37	
		Federal	\$ 1,651,927.00	
		Spot Safety	\$ 515,482.05	
		Local	\$ 200,000.00	
				\$ 3,494,517.42
U-6091	Matthews Weddington Rd and Chestnut Rd, Construct Roundabout	Federal	\$ 1,645,613.00	
		Spot Safety	\$ 171,577.16	
		Local	\$ 770,815.89	
		State Match	\$ 181.40	
				\$ 2,588,187.45
W-5710Y	New Town and Waxhaw Indian Trail, Construct Roundabout	HSIP	\$ 1,041,562.76	
		Federal	\$ 1,385,000.00	
		Spot Safety	\$ 346,250.00	
				\$ 2,772,812.76
HL-0113	Lancaster Hwy and Providence Rd West, Construct Improvements	BGDA	\$ 1,185,000.00	
		LOCAL	\$ 2,500,000.00	
		Spot Mobility	\$ 750,000.00	
				\$ 4,435,000.00
C-5613D	NC 51 and Sam Newell, Construct Improvements	CMAQ	\$ 612,000.00	
		Spot Safety	\$ 299,296.93	
				\$ 911,296.93

### Critical Intersection List

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

## **RESOLUTION OF SUPPORT**

WHEREAS, the North Carolina Department of Transportation (NCDOT) has issued a call for applications for the Bicycle and Pedestrian Planning Grant Initiative; and

WHEREAS, the City of Salisbury in Rowan County seeks to apply for a grant to fund a Bicycle and Pedestrian Plan; and

WHEREAS, the City of Salisbury requests the support of the Cabarrus-Rowan Metropolitan Planning Organization (CRMPO) in applying for the grant; and

WHEREAS, the Cabarrus-Rowan Metropolitan Planning Organization (CRMPO) has consistently supported bicycle and pedestrian planning initiatives by its member jurisdictions, and

WHEREAS, on March 27, 2024 the Cabarrus-Rowan Metropolitan Planning Organization (CRMPO) Transportation Advisory Committee (TAC) has voted to recommend endorsement of the City of Salisbury's efforts to apply for the grant; and

NOW, THEREFORE, BE IT RESOLVED that the Transportation Advisory Committee (TAC) of the Cabarrus-Rowan Metropolitan Planning Organization (CRMPO) supports the City of Salisbury as it applies for the North Carolina Department of Transportation Bicycle and Pedestrian Planning Grant.

Adopted this the 27<sup>th</sup> day of March, 2024.

---

Chair, Cabarrus-Rowan Transportation Advisory Committee

	RIDER TRANSIT						RIDER ADA PARATRANSIT					
	2019	2020	2021	2022	2023	2024	2019	2020	2021	2022	2023	2024
January	35154	32795	19946	13670	26317	26781	1014	1233	1064	1291	1877	1755
February	32851	31073	23498	20251	25535	28616	1001	1238	1065	1358	1459	1717
March	35038	25626	36652	23914	28482		1066	887	1558	1626	1781	
April	33822	15732	36209	24336	26145		1117	550	1555	1474	1565	
May	36735	18489	36769	24130	28,564		1015	687	1464	1542	1609	
June	36931	22239	35573	26036	27521		918	997	1370	1638	1629	
July	37265	22975	27155	24640	27290		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	
<b>Totals</b>	<b>425346</b>	<b>279229</b>	<b>349993</b>	<b>287,952</b>	<b>333,437</b>	<b>55,397</b>	<b>12560</b>	<b>12106</b>	<b>16091</b>	<b>18630</b>	<b>19732</b>	<b>3472</b>

	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			
	<b>133387</b>	<b>76086</b>	<b>66968</b>				<b>8016</b>	<b>6937</b>	<b>8017</b>			

Metropolitan Transit Commission  
Charlotte Area Transit System Ridership Report  
Jan-24

Mode / Service	Jan-24	Jan-23	Percent Increase/Decrease	YTD FY 2024	YTD FY 2023	Percent Increase/Decrease	Avg Daily Ridership per Month		
							WeekDay	Saturday	Sunday
<b>Local</b>									
BOD Local	534,498	464,273	15.1 %	3,977,324	3,131,321	27.0 %	19,869	13,457	10,005
<b>Subtotal</b>	<b>534,498</b>	<b>464,273</b>	<b>15.1 %</b>	<b>3,977,324</b>	<b>3,131,321</b>	<b>27.0 %</b>	<b>19,869</b>	<b>13,457</b>	<b>10,005</b>
<b>Local Express</b>									
Arboretum Express	994	486	104.5 %	6,999	738	848.4 %	47	-	-
Harrisburg Road Express	1,188	705	68.5 %	7,750	6,047	28.2 %	57	-	-
Northcross Express	2,975	2,802	6.2 %	18,373	16,041	14.5 %	142	-	-
Idlewild Road Express	625	741	-15.7 %	5,261	4,921	6.9 %	30	-	-
Independence Blvd Express	2,151	1,766	21.8 %	13,500	10,734	25.8 %	102	-	-
Lawyers Road Express	1,197	849	41.0 %	8,350	5,615	48.7 %	57	-	-
Mountain Island Express	226	82	175.6 %	1,514	174	770.1 %	11	-	-
Northlake Express	2,116	1,458	45.1 %	13,474	9,348	44.1 %	101	-	-
North Mecklenburg Express	4,768	3,558	34.0 %	27,006	21,039	28.4 %	227	-	-
Huntersville Express	3,135	2,938	6.7 %	20,773	16,616	25.0 %	149	-	-
Rea Road Express	1,213	990	22.5 %	8,361	6,948	20.3 %	58	-	-
Steele Creek Express	509	159	220.1 %	2,932	260	1,027.7 %	24	-	-
Huntersville Greenhouse Express	44	105	-58.1 %	1,065	814	30.8 %	2	-	-
<b>Subtotal</b>	<b>21,141</b>	<b>16,639</b>	<b>27.1 %</b>	<b>135,358</b>	<b>99,295</b>	<b>36.3 %</b>	<b>1,007</b>	<b>-</b>	<b>-</b>
<b>Regional Express</b>									
Gastonia Express	964	712	35.4 %	6,346	4,574	38.7 %	46	-	-
Rock Hill Express	1,164	590	97.3 %	6,676	4,374	52.6 %	55	-	-
Union County Express	853	654	30.4 %	5,298	4,510	17.5 %	41	-	-
<b>Subtotal</b>	<b>2,981</b>	<b>1,956</b>	<b>52.4 %</b>	<b>18,320</b>	<b>13,458</b>	<b>36.1 %</b>	<b>142</b>	<b>-</b>	<b>-</b>
<b>Community Circulator</b>									
Neighborhood Shuttles	15,786	17,283	-8.7 %	120,759	99,260	21.7 %	614	370	206
Eastland Neighborhood Shuttle	7,472	8,608	-13.2 %	64,678	57,360	12.8 %	262	235	158
Pineville-Matthews Road	1,444	1,845	-21.7 %	15,092	11,216	34.6 %	58	46	-
Village Rider	4,143	3,569	16.1 %	32,399	26,819	20.8 %	155	111	67
<b>Subtotal</b>	<b>28,845</b>	<b>31,305</b>	<b>-7.9 %</b>	<b>232,928</b>	<b>194,655</b>	<b>19.7 %</b>	<b>1,089</b>	<b>762</b>	<b>431</b>
<b>Human Services Transportation</b>									
Special Transportation Services	14,963	15,893	-5.9 %	105,796	106,587	-0.7 %	581	212	191
DSS	-	1,410	n/a	5,589	5,574	0.3 %	-	-	-
<b>Subtotal</b>	<b>14,963</b>	<b>17,303</b>	<b>-13.5 %</b>	<b>111,385</b>	<b>112,161</b>	<b>-0.7 %</b>	<b>581</b>	<b>212</b>	<b>191</b>
<b>Rideshare Services</b>									
Vanpool	3,680	4,033	-8.8 %	24,872	26,348	-5.6 %	147	35	42
<b>Subtotal</b>	<b>3,680</b>	<b>4,033</b>	<b>-8.8 %</b>	<b>24,872</b>	<b>26,348</b>	<b>-5.6 %</b>	<b>147</b>	<b>35</b>	<b>42</b>



Metropolitan Transit Commission  
Charlotte Area Transit System Ridership Report

Jan-24

Mode / Service	Jan-24	Jan-23	Percent Increase/Decrease	YTD FY 2024	YTD FY 2023	Percent Increase/Decrease	Avg Daily Ridership per Month		
							WeekDay	Saturday	Sunday
<b>Rail</b>									
LYNX Blue Line	424,896	397,855	6.8 %	3,356,289	2,933,032	14.4 %	14,866	14,205	9,426
CityLynx Gold Line	43,773	51,217	-14.5 %	319,624	341,468	-6.4 %	1,650	1,058	886
<b>Subtotal</b>	<b>468,669</b>	<b>449,072</b>	<b>4.4 %</b>	<b>3,675,913</b>	<b>3,274,500</b>	<b>12.3 %</b>	<b>16,516</b>	<b>15,263</b>	<b>10,312</b>
<b>Total</b>	<b>1,074,777</b>	<b>984,581</b>	<b>9.2 %</b>	<b>8,176,100</b>	<b>6,851,738</b>	<b>19.3 %</b>	<b>39,351</b>	<b>29,729</b>	<b>20,981</b>



# NCDOT TPD NEWS



NCDOT TPD Cabarrus-Rowan Metropolitan Planning Organization Newsletter

March 2024

## Advance Mobility NC

Advance Mobility NC is the NCDOT next chapter in the field of autonomous transportation. It aims to leverage the work of NCDOT's aviation, integrated mobility and rail divisions to create a multimodal transportation system that improves the mobility of people and freight. NCDOT plans to invest in new multimodal technologies to improve services, including autonomous vehicles and advanced air mobility, connected streets and freight transfer hubs.

- For more information on Advance Mobility NC, visit: <https://www.ncdot.gov/divisions/aviation/advance-mobility/Pages/default.aspx>
- For more information on the CASSI (Connected Autonomous Shuttle Supporting Innovation) Program, visit: <https://www.ncdot.gov/divisions/integrated-mobility/innovation/cassi/Pages/default.aspx>

## USDOT Releases National Roadway Safety Strategy Progress Report

The USDOT National Roadway Safety Strategy (NRSS) outlines the Department's comprehensive approach to significantly reduce serious injuries and deaths while working toward zero roadway fatalities. The NRSS adopts a Safe System approach focused on five key objectives: safer people, safer roads, safer vehicles, safer speeds, and post-crash care. A 2024 progress report provides an update on USDOT efforts since the NRSS launch two years ago and outlines new commitments to actions to improve safety. The report also highlights USDOT partners that represent advocacy groups, private-sector organizations, and all levels of government that have pledged to advance roadway safety. (<https://www.transportation.gov/nrss/2024-progress-report-national-roadway-safety-strategy>)

## Intelligent Transportation System Technologies for Pedestrian Safety

To address pedestrian safety and gain deeper insights into this issue, the Intelligent Transportation Systems Joint Program Office offers a webpage to explore data visualizations on pedestrian fatalities and discusses how Intelligent Transportation System (ITS) technologies can help reduce them. The webpage includes data on pedestrian fatality trends and interactive maps of deaths across the US, as well as information on the deployment of ITS technologies among freeway, arterial, and transit agencies. Additionally, it provides examples of ITS pedestrian safety benefits, cost data for ITS implementation, and lessons learned.

For more information, visit: <https://www.itskrs.its.dot.gov/decision-support/pedsafety-datastory>

*"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*

## IMD Multimodal Planning Program

The deadline for grant applications for the IMD Multimodal Planning Program is on **March 25, 2024**.

See the link below for more details:

<https://connect.ncdot.gov/municipalities/PlanningGrants/IMD-Multimodal-Planning-Program/Pages/default.aspx>

## IMD TDM Program Grant

The deadline for grant applications for the IMD TDM Program Grant is on **March 29, 2024**.

See the link below for more details:

<https://connect.ncdot.gov/business/Transit/Pages/TDM.aspx>





# USDOT Safe Streets and Roads for All Grant

USDOT initiated the latest round of Safe Streets and Roads for All (SS4A) grants to provide Federal funding to communities to prevent roadway deaths and serious injuries. The SS4A program provides funding for two types of grants: Planning and Demonstration grants and Implementation grants. New in FY24, Implementation grant applicants must have an eligible action plan, which they may submit to USDOT for pre-application review to confirm eligibility. The SS4A funding opportunity has multiple application deadlines. Implementation grant applications are due by **May 16, 2024**, while Planning and Demonstration grant applications have three deadlines through the year, the earliest of which is **April 4, 2024**. The SS4A program website serves as a resource hub and offers examples of previously funded activities and information about eligibility, application process, and more.

<https://www.transportation.gov/grants/SS4A>

## Contact Us

Emily Stupka

**NCDOT TPD**

1 S. Wilmington Street  
Raleigh, NC 27601

(919) 707-0985

[elstupka@ncdot.gov](mailto:elstupka@ncdot.gov)

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

Upcoming	Date
Last day to submit adopted FY 25 UPWP with resolution, 5 year planning calendar and MPO self-certification of long range planning.	March 28, 2024
Last day to submit revisions to TPD for FY 24 UPWP with signatures	April 19, 2024
3rd Quarter 5303 Claim (January 1, 2024 to March 31, 2024) due	April 26, 2024

### NCDOT Statewide Plans:

To learn more, click on the following links:

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

### Helpful Links:

Click on links below to learn more:

- NCDOT home page—[ncdot.gov](http://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](http://ncdot.gov/sti)
- Interactive Bicycle Routes Map—<https://www.ncdot.gov/bikeped/ncbikeways/default.aspx>—
- Links to all traffic count data information - [Traffic Survey Group \(ncdot.gov\)](#)
- NCDOT Interactive Traffic Volume Map—[Traffic Volume Maps \(ncdot.gov\)](#)
- Traffic Safety Data & Engineering—[NCDOT: Traffic Safety Data & Engineering](#)



**CRAFT Minutes**  
**Charlotte Regional Alliance For Transportation**  
**November 28, 2023**  
**10:00 AM/Locust City Hall, Locust, NC**

**Attendees:** J. Andy Bailey, Emily Stupka, Roger Castillo, Themilope Animashaun, Theo Ghitea, J. Scott Miller, Lee Snuggs.

**ZOOM:** Arthur Cashwell, Curtis Bridges, Juan Garcia, Neil Burke, Jennifer Stafford, Stephen Allen, David Hooper, J. Travis Johnson, Judy Dellert-O'Keef, Jerrel Leonard, Phil Conrad, Robert Cook, Daryl Vreeland, David Williams, Martin Kinnamon, Will Snyder, Rich Denbow, Julio Paredes, Brian Elgort, Alex Rotenberry, Kendall Clanton, Stephen Allen.

1. **Welcome and Introductions:** Lee Snuggs opened the meeting by welcoming everyone to the November 28, 2023 CRAFT Technical Committee Meeting. Lee updated the agenda to include a report by Daryl Vreeland that will follow the September Meeting Recap and the agenda item presented by Curtis Bridges was moved up in the agenda to follow Daryl Vreeland.
2. **September Meeting Recap:** Minutes from September 2023 were reviewed. Phil Conrad made the motion to approve, seconded by Stephen Allen and unanimously approved.
3. **Greenhouse Gas Emission Rule:** Daryl Vreeland updated the group concerning a new Greenhouse Gas Emission Rule that was issued the day before Thanksgiving. The measure is about a greenhouse gas percentage change in on road tailpipe carbon dioxide emissions on the national highway system. He outlined the process that would be required by the state and appointed MPOs. Questions were fielded and assurance given that NCDOT would help chosen MPOs with the process.
4. **Project Transparency - ArcGIS Online Mapping:** Curtis Bridges provided an update on the regional mapping with the group. AGOL has transitioned to a newer version of the platform. The new version is far easier as it is organized by categories. There are additional resources that are beneficial to North and South Carolina that will be added to the GIS program.
5. **Follow-up Semi-Annual Review:** The new development presented earlier in the meeting by Daryl Vreeland raised questions if the yearly planning spreadsheet should be amended to accommodate approval of data that chosen MPO participants will need to take action on by late spring of 2024.

6. **UPWP Planning Priorities & Budgeting:** CRTPO is well underway with developing the FY26 UPWP. They've held a meeting with partners to help identify some of the key issues we will need to include in the work program for next year.
7. **Metropolitan Transportation Plan:** Neill Burke is the project manager for CRTPO's 2055 MTP. Scope and fee estimates are in for review with OIG and TPD is helping to facilitate. Hopefully they will get a contract before the city council as soon as possible. Target date for the 2055 MTP Kick-Off is the first quarter of 2024.
8. **Project Coordination/Regional Projects Impacting State Lines:** The question was asked, if there were any material developments/changes on the completion of the Catawba Crossing Project or is it still largely back to project prioritization? Response, the Catawba Crossing Project was not submitted in this round of prioritization, but could likely be submitted in the future.
9. **Project Prioritization (NC Only):** Combined with other discussions.
10. **CTP/Thoroughfare Planning (NC Only):**
  - Upcoming CTP; Gastonia. Roger Castillo is the new CRTPO/GCLMPO Coordinator.
11. **CATS:** No Discussion
12. **Regional Transit Plan Implementation:**
  - TDM/finalizing a TDM Assessment Report on TDM needs for the region. Next TDM Steering Committee Meeting is December 7, 2023.
  - Seamless Connections: Recent Training sessions for regional transit operators and Remix to discuss opportunities for using transit planning tools. Next meeting is December 13, 2023.
  - Advancing the Plan Committee has met bi-monthly throughout 2023. They have evaluated peer regions for examples of regional governance approaches; prioritized specific transit functions. Next Meeting December 15, 2023.
  - Coordinate Our Future was discussed as well as sharing schedule/timeline.
  - CAV Task Force Update: Purpose is to discuss the impacts of Connected & Autonomous Vehicles, emerging technologies. Currently hosting quarterly meetings.
  - Regional Infrastructure Accelerator Grant: Centralina Regional Council received \$1.75M from US DOT for CONNECT Beyond implementation activities.
  - Climate Pollution Reduction Grant (CPRG): As a part of the Inflation Reduction Act, the Climate Pollution Reduction Grant Program provides states, local governments, territories and tribes with funds to develop and implement plans for achieving these objectives. North Carolina anticipates receiving a \$3 million award this year for planning activities and is eligible to compete for the \$4.6 billion that EPA will award starting next year. In addition to providing states with funding, this grant also allocates \$1 million awards to the 67 most populous areas across the US. Two of those areas – Charlotte and Raleigh-Durham – are within North Carolina. The lead agency

for the Charlotte area is Centralina Regional Council and the lead agency for the Raleigh-Durham area is the Central Pines Regional Council.

**13. Next Meeting:**

Host: GCLMPO/R. Gates

Date: January, 2024

**14. Adjournment**