

Cabarrus Rowan Urban Area
Metropolitan Planning Organization
Technical Coordinating Committee

Wednesday June 19, 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 May 15, 2024 minutes **TCC Chairman Muire**

3) FY 2024-2033 MTIP Modification #5 **Phil Conrad**

INFORMATION: MPO staff typically brings amendments or modifications from recent NCDOT Board of Transportation agendas to the TCC/TAC for consideration. The first project modification is the delay of construction to FY 27 for the Hickory Ridge sidewalk project (BL-0086). The second project modification is to delay construction to FY 25 for the Elm Avenue NW sidewalk project (BL-0087). The third project is to delay preliminary engineering to FY 24 for the Third Street Greenway (EB-5861). The fourth project is to delay construction to FY 25 for the NC 152 widening and roundabout (HE-0009). The sixth and final project is to delay construction to FY 27 for the NC 3/US 29 intersection project (U-5761). Attachment 3 is a resolution modifying the MTIP for these projects. The new STIP was effective October 1, 2023.

ACTION/RECOMMENDATION: 1) Receive a report on modification #5 to the FY 2024-2033 MTIP; 2) Discuss; and 3) Recommend that the TAC consider endorsing modification #5 to the FY 2024-2033 MTIP.

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

INFORMATION: NCDOT has applied their methodology to rank transportation projects across the state and given an indication of available funds for the next STIP. The quantitative scores were recently released for all P7.0 projects in NC. NCDOT will incorporate the quantitative scores with the local input (MPO) points and Division Engineer rankings/points to initiate the development of the FY 2026-

2035 TIP. The results for the top highway, aviation, rail, and sidewalk/greenway projects in the MPO area are included as attachment 4B. MPO staff has applied the local methodology and provide a scenario for allocating points to projects in the regional and division tiers. A maximum of 100 points per project is assumed.

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

5) 2055 MTP Draft Goals and Objectives Phil Conrad

INFORMATION: With the adoption of the 2024-2033 TIP, the MPO has begun working on the update to the 2055 MTP. Part of this update is the ongoing socioeconomic TAZ forecasts for population, employment, and school enrollment. (The last MTP was adopted in March 2022 with a 4-year life.) The next draft TIP will be released in the spring of 2025. In other words, the adopted TIP will primarily be the basis for the 2055 MTP in terms of project schedule horizon years and estimated costs. Every 4 years the MPO reviews the draft Goals and Objectives for inclusion in the next MTP, which are included as attachment 5.

ACTION/RECOMMENDATION: 1) Receive a report on the 2055 MTP Goals and Objectives; 2) Discuss; and 3) Recommend that the TAC endorse the 2055 MTP Goals and Objectives.

6) CTP Amendments Phil Conrad

INFORMATION: The City of Concord has added 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 recently 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 6B. The amendments were released for public comment in March and no comments were received. A resolution amending the CTP is included as attachment 6A.

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

7) Reports / MPO Business Phil Conrad / TCC Members

- Local Reports – MPO/NCDOT Division 9 & 10/TPD

- SS4A Planning Study – Brian Murphy
- 2055 TAZ Level Forecasts and mapping
- Julian Road CTP Amendment Update
- CMAQ Priority Submittal and Update
- Special Study Update – Town of China Grove
- FY 25 Special Studies
- FY 25 Bike and Ped Demonstration Planning Studies

8) Informational Items

Phil Conrad

- Rider Transit, Salisbury Transit, and MTC Ridership
- CRAFT Meeting Minutes

Next scheduled meeting: August 21, 2024

- Agenda items for August TCC meeting

MINUTES

TECHNICAL COORDINATING COMMITTEE

Wednesday, May 15, 2024

VIRTUAL MEETING

Members:

Phillip Graham	City of Concord
Susie Morris	Cabarrus County
Shane Stewart	Rowan County & Town of Cleveland
Theo Ghitea	NCDOT Div. 10
Fred Haith	NCDOT Div. 9
Franklin Gover	Town of China Grove
Mallory Hodgson	Town of Harrisburg
Steve Blount	Town of Spencer
Richard Smith	City of Kannapolis
Jason Hord	Town of Granite Quarry

Others:

Phil Conrad	CRMPO Director
Connie Cunningham	MPO Staff
Loretta Barren	FHWA
Scott Miller	NCDOT Div10
Andy Bailey	NCDOT TPD
Andrew Babb	Bolton & Menk
Andy Christy	RIDER Transit
Wendy Miller	CRMPO Staff
Phillip Craver	NCDOT Div 9
Sean Epperson	NCDOT Div 10
Christian Snelgrove	WSP
Kristy Cowden	Rowan Transit
Victoria Trexler	City of Salisbury
Teresa Barringer	Town of China Grove

The May 15 2024 virtual meeting of the Cabarrus Rowan MPO TCC was called to order by Vice Chair Susie Morris. Vice Chair Morris called the roll of eligible TCC members and it was determined that a quorum had been met. Vice Chair Morris then asked if there were any adjustments to the meeting agenda. With none heard, Vice Chair Morris moved on to the next order of business.

Vice Chair Morris continued by asking if there were any speakers from the floor. With no speakers being heard, TCC Vice Chair Morris moved to the next item of business.

Approval of Minutes

TCC Vice Chair Morris directed the members' attention to the minutes of the March 20, 2024 TCC meeting included in their meeting packets. TCC Vice Chair Morris asked if there were any corrections or additions to the minutes. With no corrections or additions heard, Vice Chair Morris asked that all those in favor of approving the minutes as presented vote "Aye". All TCC members stated "Aye" in favor of approval. Vice Chair Morris asked for a signal from those opposed and none were heard.

FY 2024-2033 MTIP Modification #4

Mrs. Wendy Miller, CRMPO Staff Planner, called the TCC members' attention to 2024-2033 MTIP Modification #4 included in their packets. She explained that MPO staff typically brings amendments or modifications from recent NCDOT Board of Transportation agendas to the TCC/TAC for consideration.

Mrs. Miller continued by stating that the first project modifications were covered at the March TAC meeting. The second project modification is the delay of construction to FY 26 for the US 601/Flowes Store Road intersection project (C-5603I). The second project modification is to delay construction to FY 24 for the Grants Creek Greenway, Catawba College multi-use path (EB-5619B). The third project modification is to delay construction to FY 26 for the Grants Creek Greenway, Statesville Blvd multi-use path (EB-5619C). The fourth project is to delay construction to FY 26 for the Third Street Greenway (EB-5861). The fifth project is to delay construction to FY 28 for the Winecoff School Road pedestrian accommodations (HS-2410A). The sixth project is to delay construction to FY 26 for the Poplar Tent and Harris Road intersection project (HL-0001). The seventh and final project request is to remove the North Washington Street sidewalk project (BL-0043). CRMPO Staff Planner Miller called members' attention to Attachment 3 included in their packet which was a draft resolution modifying the MTIP for these projects. She informed the TCC members that the new STIP was effective October 1, 2023.

With no questions or comments heard, TCC Vice Chair Morris asked for a motion to recommend that the CRMPO TAC consider endorsing modification #4 to the FY 2024-2033 MTIP. Mr. Steve Blount made the motion, and it was seconded by Mr. Phillip Graham. The TCC members voted unanimously to approve

CMAQ Project Funding

CRMPO Director Phil Conrad reported to the TCC members that CMAQ or Congestion Mitigation and Air Quality funds are a federal funding source for areas designated non-attainment by the EPA. He continued on by stating that CMAQ funds require a local sponsor and a 20 percent local match. Eligible projects must demonstrate an emissions reduction benefit to the local area. He went on to report that NCDOT issued a call for new project applications for a continuous process with quarterly deadlines that began in calendar 2023. The CRMPO recently submitted a total of 6 CMAQ projects, with 5 already funded previously with CMAQ funds. The CRMPO recommended additional funding for the Old Concord Road sidewalk (C-5603D) at the March meeting.

Director Conrad went on to state that NCDOT staff has informed CRMPO that they must prioritize the remaining projects in order to be considered for funding. He reported that a subcommittee of the TCC met and have recommended a rank order of projects in attachment 4A. Director Conrad provided a power point presentation to explain the rank order of the projects. Once his presentation was complete, he called members' attention to Attachment 4B which was a *Draft* resolution of support for funding these CMAQ projects

With no questions or comments, Mr. Phillip Graham made a motion to recommend that the CRMPO TAC consider endorsing the prioritized list of CMAQ Project submittals as presented. Mr. Richard Smith seconded the motion and the TCC members voted unanimously to approve.

Functional Classification System Request

Mr. Theo Ghitea with NCDOT Division 10 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. Mr. Ghitea explained that highways fall into one of four categories: principal arterials, minor arterials, collector roads, and local roads and are based on whether the area is considered urban or rural.

To be consistent with NCDOT's statewide functional classification, Mr. Ghitea reported it has been determined that the segment of Caldwell Road between NC 49 and Tom Query Road and Tom Query Road between Robinson Church Road and the county line be designated as a minor collector in the federal functional classification system. Mr. Ghitea highlighted a map included in their packets which outlined the area and roads being considered for this change.

After reviewing the map, Ms. Mallory Hodgson asked for an update of Martha Melvin and Hickory Ridge Road since they do not connect and why it wasn't corrected on the map being presented. After lengthy discussions and by consensus, it was determined that not all members were comfortable moving forward with this item until all the map updates had been completed.

At this time, Vice Chair Morris asked for a motion to table this item until the June meeting. Ms. Mallory Hodgson made a motion to to table this item until the June meeting. Mr. Richard Smith seconded that motion and the TCC members voted unanimously to approve the motion.

CTP Amendment

CRMPO Director Phil Conrad reported to the TCC members that the City of Salisbury would like to reclassify Julian Road as a major thoroughfare as part of the CRMPO's Comprehensive Transportation Plan (CTP) Highway Map. At that point, Director Conrad introduced Ms. Victoria Trexler with the City of Salisbury who explained that Julian Road serves as a connector between Jake Alexander Blvd and I-85/Old Concord Road. She explained that doing this reclassification would make this roadway consistent with the CRMPO Comprehensive Transportation Plan. Ms. Trexler called members' attention to a map of the roadway that was included in their packets and reviewed the map for the TCC members. That highway map was included as attachment 6 in their packets.

After review, Mr. Fred Haith made a motion to recommend that the CRMPO TAC consider releasing the CTP Map amendment for public comment. Mr. Steve Blount seconded that motion and the TCC members voted unanimously to approve.

2055 MTP Draft Goals and Objectives

Mrs. Wendy Miller, CRMPO Staff Planner reported to the TCC members that with the adoption of the 2024-2033 TIP, the CRMPO will begin working on the update to the 2055 MTP. CRMPO Staff Planner Miller went on to state that part of this update is the ongoing socioeconomic TAZ forecasts for population, employment, and school enrollment. She reported that the next draft TIP will primarily be the basis for the 2055 MTP in terms of project schedule horizon years and estimated costs. Every 4 years the CRMPO reviews the draft Goals and Objectives for inclusion in the next

MTP. At this point CRMPO Staff Planner Miller called the members attention to Attachment 7 in their packets which was a draft Goals and Objectives.

CRMPO Staff Planner Miller reviewed the attachment with the members as well as a comparison of other Goals and Objectives in sister MPOs both near and far. She noted the Street System goals, Congestion Management goals, Title VI and Environmental Justice goal, Environmental goal, Public Transportation goal, Bicycle and Pedestrian goal and the Freight goal. After completing the review, CRMPO Staff Planner Miller asked for any questions or comments. With none being heard Director Conrad moved onto the next item of business.

Planning Boundary Agreement

Director Conrad reported to the members that as a result of the 2000 US Census, the Cabarrus-Rowan MPO executed an agreement to assume planning responsibilities for the part of the Charlotte Urbanized Area in Cabarrus County including the Town of Harrisburg. This agreement he went on to state, carried additional federal planning requirements including a certification review and congestion management plan. Director Conrad reported that with the growth of the 2020 Census into Mecklenburg County, there are small sections of the Cabarrus/Concord Urbanized area (UZA) located outside of Cabarrus County. He stated that none of the Charlotte Urbanized Area encroached into Cabarrus County following this last Census.

With that being said, Director Conrad informed the members that an agreement is required by FHWA to formally transfer planning responsibilities for those portions of the Concord UZA designated by the 2020 Census from the Cabarrus-Rowan MPO to the Charlotte TPO. Director Conrad called the TCC members' attention to Attachment 8 in their packets which was the draft agreement for their review. Director Conrad went on to recognize Mr. Andy Bailey and NCDOT for all their work coordinating this agreement. Mr. Bailey stated that all parties have been working on this agreement for over twenty years now.

With no further discussion, Mr. Phillip Graham made a motion to recommend that the CRMPO TAC consider endorsing the Planning Boundary Agreement as presented. Mr. Steve Blount 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. Fred Haith, NCDOT Division 9 representative reported to members that the updated spreadsheet was included in today's meeting packet. He stated that any changes are highlighted on the spreadsheet.

Mr. Theo Ghitea , NCDOT Division 10 representative highlighted a spreadsheet of Division 10 project updates and noted some of the ongoing projects in Division 10. Those highlighted were HS-2010D, the Bethel School Road and Highway 24/27 project, and the installation of rumble strips on Highway 73 from Stanly County to Mt. Pleasant.

Mr. Andy Bailey, NCDOT TPD referenced the NCDOT newsletter in the TCC packets.

2. FY 25 Bike and Ped Demonstration Planning Studies – Director Phil Conrad reported to the TCC members completion of a demonstration study in the Town of Landis, Kimbal Road and a study for the Town of Faith's Main Street section between Brown Street and School Street.

3. FY 25 Special Study - Director Conrad reported to the members that funds are available for Special Studies starting July 1st.

4. Special Study Update - Mr. Franklin Gover reported that their Highway 152 study is underway and they are pleased to have such a strong steering committee,

5. Rowan Transit System Section 5310 Grant Application Letter of Support - Director Conrad highlighted a Draft letter of Support for the Rowan Transit System Section 5310 Grant Application. Mrs. Kristy Cowden with Rowan Transit reviewed the intent of the application for the members. With no questions or comments heard, Vice Chair Susie Morris made a motion to recommend that the CRMPO TAC support the request from Rowan County Transit. Ms. Teresa Barringer seconded that motion and the TCC members voted unanimously to approve.

6. P7.0 Spring Schedule - May 2024 Quantitative Data Release - Director Conrad reported to the members' on this schedule. He stated that the members will be meeting in June to discuss the data release and point assignment for the Draft 2026-2035 Priority List.

7. 2055 TAZ Level Forecasts and Mapping – Director Conrad introduced Mr. Christian Snelgrove with WSP who provided the members with a power point presentation on the 2055 SE Projections. There were no questions or comments by the membership.

Informational Items

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

RIDER Transit, Salisbury Transit and MTC Ridership
TPD Newsletter
CRAFT Meeting Minutes
NC Transportation Summit – May 21-22

Next scheduled meeting: June 19, 2024

With no further business to discuss, TCC Vice Chair Morris made a motion to adjourn the meeting and Mr. Richard Smith seconded that motion and the meeting was adjourned.

RESOLUTION ADOPTING MODIFICATION #5 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 26th day of June, 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 26th day of June 2024.

Brittany Barnhardt, Chair
Transportation Advisory Committee

REVISIONS TO THE 2024-2033 STIP
HIGHWAY PROGRAM

CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION

STIP MODIFICATIONS

BL-0086 CABARRUS PROJ.CATEGORY DIVISION	- CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION	SR 1138 (HICKORY RIDGE ROAD), SR 1161 (STALLINGS ROAD) TO HICKORY RIDGE MIDDLE SCHOOL. SR 1161 (STALLINGS ROAD) FROM SR 1138 (HICKORY RIDGE ROAD) TO SR 1304 (HARRISBURG VETERANS ROAD). CONSTRUCT SIDEWALKS. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN. DELAY RIGHT-OF-WAY AQUISITION FROM FY 25 TO FY 26 AND CONSTRUCTION FROM FY 26 TO FY 27.</u>	ENGINEERING	FY 2024 -	\$230,000	(TADA)
				FY 2024 -	\$57,000	(L(M))
			RIGHT-OF-WAY	FY 2026 -	\$138,000	(TADA)
				FY 2026 -	\$34,000	(L(M))
			UTILITIES	FY 2026 -	\$45,000	(TADA)
BL-0087 CABARRUS PROJ.CATEGORY DIVISION	- CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION	ELM AVENUE NORTHWEST FROM GLENN STREET NORTHWEST TO ALEXANDER STREET NORTHWEST. GLENN STREET NORTHWEST FROM ELM AVENUE NORTHWEST TO ACADEMY AVENUE NORTHWEST. CROWELL DRIVE NORTHWEST FROM CLEARWATER ARTS CENTER DRIVEWAY TO CEDAR DRIVE NORTHWEST. CEDAR DRIVE NORTHWEST FROM GEORGIA STREET NORTHWEST TO BEECH STREET NORTHWEST. CONSTRUCT SIDEWALKS. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN. DELAY CONSTRUCTION FROM FY 24 TO FY 25.</u>	CONSTRUCTION	FY 2026 -	\$11,000	(L(M))
				FY 2027 -	\$1,250,000	(TADA)
				FY 2027 -	\$313,000	(L(M))
					\$2,078,000	
			ENGINEERING	FY 2024 -	\$8,000	(TADA)
* EB-5861 ROWAN PROJ.CATEGORY DIVISION	- CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION	THIRD STREET GREENWAY, WEST OF OLD MOCKSVILLE ROAD NEAR GRANTS CREEK AT EXISTING SALISBURY GREENWAY TO FIELDCREST CANNON LANE IN SPENCER. CONSTRUCT GREENWAY AND SIDEWALK. <u>TO REFLECT LATEST DELIVERY SCHEDULE. DELAY PRELIMINARY ENGINEERING FROM FY 23 TO FY 24. THIS ACTION ADDS PRELIMINARY ENGINEERING TO THE FEDERALLY APPROVED STIP.</u>	CONSTRUCTION	FY 2024 -	\$2,000	(L(M))
				FY 2025 -	\$1,292,000	(TADA)
				FY 2025 -	\$323,000	(L(M))
					\$1,625,000	
			ENGINEERING	FY 2024 -	\$148,000	(TAANY)
* EB-5861 ROWAN PROJ.CATEGORY DIVISION	- CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION	THIRD STREET GREENWAY, WEST OF OLD MOCKSVILLE ROAD NEAR GRANTS CREEK AT EXISTING SALISBURY GREENWAY TO FIELDCREST CANNON LANE IN SPENCER. CONSTRUCT GREENWAY AND SIDEWALK. <u>TO REFLECT LATEST DELIVERY SCHEDULE. DELAY PRELIMINARY ENGINEERING FROM FY 23 TO FY 24. THIS ACTION ADDS PRELIMINARY ENGINEERING TO THE FEDERALLY APPROVED STIP.</u>	CONSTRUCTION	FY 2024 -	\$37,000	(L(M))
				FY 2026 -	\$3,430,000	(TAANY)
				FY 2026 -	\$857,000	(L(M))
					\$4,472,000	

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2024-2033 STIP
HIGHWAY PROGRAM

CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION

STIP MODIFICATIONS

HE-0009 ROWAN PROJ.CATEGORY DIVISION	- CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION	NC 152, WIDEN PAVEMENT AND CONSTRUCT ROUNDAABOUT AT THE INTERSECTION WITH PROPOSED ACCESS ROAD EAST OF I-85 / US 601 IN CHINA GROVE. <u>TO ALLOW ADDITIONAL TIME FOR RIGHT-OF-WAY AQISITION, DELAY CONSTRUCTION FROM FY 24 TO FY 25.</u>	MITIGATION CONSTRUCTION	FY 2024 -	\$889,000	(T)
				FY 2025 -	\$2,532,000	(T)
				FY 2026 -	\$2,879,000	(T)
					\$6,300,000	
U-5761 CABARRUS PROJ.CATEGORY REGIONAL	- CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION	NC 3 (DALE EARNHARDT BOULEVARD), INTERSECTION OF NC 3 (DALE EARNHARDT BOULEVARD) AND US 29/601 (CANNON BOULEVARD). CONSTRUCT INTERSECTION IMPROVEMENTS. <u>TO ALLOW ADDITIONAL TIME FOR RIGHT-OF-WAY AQISITION, DELAY CONSTRUCTION FROM FY FY 26. TO FY 27.</u>	CONSTRUCTION	FY 2027 -	\$4,202,000	(T)
				FY 2028 -	\$3,006,000	(T)
				FY 2029 -	\$892,000	(T)
					\$8,100,000	

* INDICATES FEDERAL AMENDMENT

From: [Wing, Leigh M](#)
To: [Hopkins, Joey R](#); [Peoples, Christopher A](#); [Barnes, Kristin W](#); [Alcoke, Merrie Jo](#); [Allen Moran](#); [Billy Clarke](#); [Brad Lail](#); [Clarke, William B](#); [Daughtry, Namon L](#); [Dirk Cody](#); [Fox, Michael S](#); [Mitchell, Melvin](#); [gradyh@huntbrookslaw.com](#); [Harrington, Kathryn G](#); [Harrington, Kathy](#); [Hunt, Grady L](#); [Jackson, Leigh](#); [Jordan, Valerie D](#); [Lail, Bradley C](#); [Zimmer, Landon \(Contact\)](#); [Lathrop, Tony](#); [leodaughtry@hotmail.com](#); [Mathis, Lisa D](#); [McGrady, Charles W](#); [Melvin M. Mitchell](#); [Michael Fox](#); [Mitchell, Melvin M](#); [Molamphy, Patrick](#); [Moran, Allen](#); [Perkins, Andrew M](#); [Perkins, Andy](#); [Phillips, Meagan C](#); [Rodriguez, Aurea L](#); [Rosenburgh, Stephen A](#); [Stephen Rosenburgh](#); [Zimmer, Landon G](#); [Valerie Jordan \(hunterjgroup@outlook.com\)](#); [Bridgers, Clemmon W](#); [Sawyer, Ronald K](#); [Slachta, Chris](#); [Braswell, Brooks N](#); [Abel, John S](#); [Stroud, Jeremy D](#); [Capehart, Cadmus](#); [White, Leonard E](#); [Lahiji, Roham R](#); [Lane, Heather C](#); [Kimes, D. Chad](#); [Carroll, Trevor K](#); [Cox, Adrienne M](#); [Howes, Michelle N](#); [Eason, D. Keith](#); [Brown, Andy H](#); [Salmons, James M](#); [Galney, Norwood A](#); [Jones, Brandon H](#); [Parrott, Tracy N](#); [Keilson, David P](#); [Mohamadi Hezaveh, Amin](#); [Upshaw, Ben](#); [Jernigan Jr., Wallace L](#); [Hart, Phillip J](#); [Hammond, William R](#); [Kendall, Steve D](#); [Archer III, Wright](#); [Reimakoski, Chad](#); [Shah, Nishant M](#); [Robinson, Stephen J](#); [Blakley, Reuben](#); [Kluttz, Alison W](#); [Kluchar, Bryan](#); [Ivey, Stephen P](#); [Rhyne, John P](#); [Haith, Fredrick D](#); [Craver, Phillip W](#); [Canipe, Brett D](#); [Epperson, Sean M](#); [Ghitea, Theo](#); [Miller, Jerome S](#); [Poe, Michael L](#); [Sizemore, Sean B](#); [Ledbetter, Dean](#); [Shaw, Ramie A](#); [Stafford, Mark E](#); [Panicker, Anil T](#); [Ledbetter, Dean](#); [Gurley, Cole G](#); [Anderson, Timothy W](#); [Smith, Hannah K](#); [Sparks, Stephen M](#); [Cannon, Steven L](#); [Payne, Wanda H](#); [Grindstaff, Wesley T](#); [Williams, Stephen J](#); [Jamison, Wesley A](#); [White, Jeanette L](#); [Clarke, Matthew](#); [Weaver, Derrick G](#); [Evans, Jennifer A](#); [Tharrington, Emmette B](#); [Cox, Drew](#); [Gibbs, Mark T](#); [Sylvester, Lamar](#); [MNUnn@burlingtonnc.gov](#); [Wannetta Mallette](#); [pconrad@rlcassoc.com](#); [Lukasina, Chris](#); [alex.rickard@campo-nc.us](#); [Shortley, Timothy](#); [Daniel.Spruill@campo-nc.us](#); [mike.bruff@campo-nc.us](#); [Robert.w.cook@charlottenc.gov](#); [Neil.burke@charlottenc.gov](#); [Johnson, Jason](#); [Brian.Elgart@charlottenc.gov](#); [Kelly Fomenko](#); [Doug Plachcinski](#); [Colleen McGue](#); [David Miller](#); [Filmon Fishastion](#); [mgalliano@dchcmo.org](#); [Yanping.Zhang@dchcmo.org](#); [hgraham@cumberlandcountync.gov](#); [llangley@cumberlandcountync.gov](#); [kraiford@cumberlandcountync.gov](#); [Tristan Winkler](#); [Bagli, Hannah](#); [Digiacomo, Logan](#); [randi.gates@gastonianc.gov](#); [Julio.Paredes@gastonianc.gov](#); [Arthur.Cashwell@gastonianc.gov](#); [Dellinger, Tori S](#); [ktalton@goldsboronc.gov](#); [Publico, Roy](#); [Salmons, James M](#); [mhoeweler@wrcog.org](#); [TDobrydney@wrcog.org](#); [Averi C. Ritchie](#); [Daniel Odom](#); [Mcintyre, Lydia](#); [Meyer, Tyler](#); [Zhou, Yuan](#); [Truong, Tram](#); [Mishra, Raunak](#); [Carlton, Greg J](#); [Kirby, Lisa](#); [Eliud De Jesus](#); [Rashko, Jeff](#); [Johnson, Daniel H](#); [Andrew Edmonds](#); [Anthony Prinz](#); [Kutz, Stephanie](#); [Adams, Stephen](#); [Trebil, Deanna](#); [mcreef@newbernnc.gov](#); [Reedy, Jordan](#); [Rideout, Linda](#); [Muckle, Ramon](#); [Willardson, Doug](#); [Kozlosky, Mike](#); [Lorenzo, Abigail C](#); [Lacer, Vanessa](#); [Shivers, Greer](#); [carolyn.caggia@wilmingtonnc.gov](#); [emma.stogner@wilmingtonnc.gov](#); [Garvin, Kelly A](#); [Hunter Staszak](#); [johnbh@cityofws.org](#); [Angela Welsh](#); [Allen Serkin](#); [sboswell@capefearcog.org](#); [kfuller@centralpinesnc.gov](#); [mday@centralpinesnc.gov](#); [EVERSOLE, BECCA](#); [ANDERSON, MICAIAH](#); [Toney, Alan](#); [mlong@foothillsregion.org](#); [dgraham@hccog.org](#); [Krulik, Ken](#); [Frazier, Frank](#); [Cox, Diane](#); [tcheek@kerrtarcog.org](#); [Vicki Eastland](#); [janet.robertson@lumberrivercog.org](#); [mrutan@mccog.org](#); [Singleton, Sam D](#); [pharris@midwestcom.org](#); [Carter Spradling](#); [jday@ptrc.org](#); [Harmon, Stephanie](#); [jday@ptrc.org](#); [Vallieres, Dawn](#); [Isnuggs@rockyrivercog.org](#); [rose](#); [Salmons, James M](#); [Bass, William T](#); [Jennifer.roman@ucprpo.org](#)
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Subject: P7.0 Local Input Point Assignment Update
Date: Wednesday, June 5, 2024 8:49:33 AM
Attachments: [image001.png](#)
[P7 Schedule - Approved Schedule Revision 0324.pdf](#)

Good morning,

As mentioned in my email below on May 24th, the P7.0 Regional Impact Local Input Point assignment (LIP) began on Tuesday, May 28th and ends on Friday, August 30th (note that my email incorrectly indicated Wednesday, August 28th as the end date – that was a typo).

With the P7.0 funding availability values provided, we have received several inquiries as to whether the MPOs, RPOs, or Divisions need to complete the LIP assignment process if their Region(s) and/or Division(s) have negative values and we appreciate all the feedback we received.

We understand that substantial effort goes into implementing your LIP assignment methodology, especially with providing an opportunity for the public to provide input. However, it is important that all MPOs, RPOs, and Divisions assign LIPs in P7.0 for the following reasons:

- Total scores have not been developed for a Prioritization cycle since 2018 (P5.0).
- There is potential for confusion if some MPOs, RPOs, and Divisions are assigning LIPs and others are not.
- P7.0 projects have already been selected for funding in the Statewide Mobility category. Therefore, the P7.0 process needs to be completed for the remaining 21 STI funding categories for consistency.
- Total scores are needed to select projects from P7.0 if additional federal or state funding is provided in the future for capital projects selected through the STI Prioritization process. **It is important to note that new funding is not currently anticipated.** however, NCDOT needs to be ready in case this occurs. This has occurred twice in the past ten years: in 2016 following the adoption of the 2016-2025 STIP (based on P3.0) – additional funds from House Bill 97; and in 2022 prior to the adoption of the 2024-2033 STIP – additional funds from the transfer of sales tax revenues.

For these reasons, **NCDOT is requiring that the P7.0 Local Input Point assignment process proceed as planned for all MPOs, RPOs, and Divisions.** To help this effort, NCDOT is allowing the use of a single-window option as described below.

The P7.0 Schedule (attached for reference) indicates separate LIP assignment window for Regional Impact and Division Needs projects. Now, NCDOT is allowing the option to assign all LIPs (for both Regional Impact and Division Needs projects) during the Regional Impact assignment window this summer. We are aware that some MPOs, RPOs, and Divisions are considering this option.

Thank you all for your patience and understanding during this unique situation. Should you have any questions regarding the P7.0 LIPs assignment process, please feel free to reach out to the [SPOT Office](#), [David Wasserman](#), or me.

Leigh

From: Wing, Leigh M

Sent: Friday, May 24, 2024 1:32 PM

To: Hopkins, Joey R <jhopkins@ncdot.gov>; Peoples, Christopher A <cpeoples@ncdot.gov>; Barnes, Kristin W <kwarnes@ncdot.gov>; Alcock, Merrie Jo <bot-mjalcock@ncdot.gov>; Allen Moran <allenmoran@ymail.com>; Billy Clarke <bclarke@roberts-stevens.com>; Brad Lail <bradlail@hickoryfurniture.com>; Clarke, William B <bot-wbclarke@ncdot.gov>; Daughtry, Namon L <bot-nldaughtry@ncdot.gov>; Dirk Cody <adcody@gmail.com>; Fox, Michael S <bot-msfox@ncdot.gov>; Mitchell, Melvin <MMitchell2@allstate.com>; gradyh@huntbrookslaw.com; Harrington, Kathryn G <bot-kgharrington@ncdot.gov>; Harrington, Kathy <kgrayharrington@aol.com>; Hunt, Grady L <bot-glhunt@ncdot.gov>; Jackson, Leigh <leighjackson@ncdot.gov>; Jordan, Valerie D <bot-vdjordan@ncdot.gov>; Lail, Bradley C <bot-bclail@ncdot.gov>; Landon Zimmer <landonzimmer@zdc.com>; Lathrop, Tony <bot-tlathrop1@ncdot.gov>; leodaughtry@hotmail.com; Mathis, Lisa D <bot-lmathis@ncdot.gov>; McGrady, Charles W <bot-cwmcgrady@ncdot.gov>; Melvin M. Mitchell <melmitchell271@gmail.com>; Michael Fox <mfox@tuggleduggins.com>; Mitchell, Melvin M <bot-mmitchell@ncdot.gov>; Molamphy, Patrick <bot-pmolamphy@ncdot.gov>; Moran, Allen <bot-

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

STI Funding Category	Funding Availability
Statewide Mobility	\$1,033M
Region A (Divisions 1 & 4)	-\$228M
Region B (Divisions 2 & 3)	-\$32M
Region C (Divisions 5 & 6)	\$992M
Region D (Divisions 7 & 9)	\$458M
Region E (Divisions 8 & 10)	-\$471M
Region F (Divisions 11 & 12)	\$8M
Region G (Divisions 13 & 14)	-\$191M
Division 1	-\$19M
Division 2	-\$85M
Division 3	-\$54M
Division 4	\$24M
Division 5	-\$107M
Division 6	\$126M
Division 7	\$184M
Division 8	\$113M
Division 9	-\$15M
Division 10	-\$108M
Division 11	\$40M
Division 12	-\$72M
Division 13	-\$52M
Division 14	\$51M

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

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

DRAFT - P7 Local Input Point Allotments

February 2023

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

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

Notes:

Each organization receives a base of 1,000 points.

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

- Population is rounded up to next 50,000.

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

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

Population sourced from 2020 census data.

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

MPO Highway STI Priorities

#4B (6/19/24)

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

MPO Highway STI Priorities

#4B (6/19/24)

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

MPO Bike Ped STI Priorities

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

MPO Rail STI Priorities

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

Project Description	SPOT ID	Project Sponsor	Tier	Estimated Cost	Design Status	May 2024 Final Quantitative Score	2024 MPO/TIP Division Tier Point Assignment	2024 Division Project Quantitative Rank
West Parallel Taxiway (3115)	A234301	Rowan County	D	\$ 17,000,000	DESIGN NOT INITIATED/NOT FUNDED	8.2		12

DRAFT

2055 METROPOLITAN TRANSPORTATION PLAN GOALS AND OBJECTIVES

Street System Goal – Develop an efficient street and highway network for the Cabarrus-Rowan Urban Area

Objective – Enhance mobility by improving the connectivity of the existing street network.

Objective – Explore improvement to the street network that will most effectively handle capacity deficiencies.

Objective – Support a safe and secure transportation system through efforts to reduce vehicular and non-vehicular crashes and points of conflict between modes of transportation.

Congestion Management Goal – Develop a local thoroughfare system that minimizes traffic congestion and maximizes system preservation

Objective – Improve traffic signal timing and coordination through intelligent transportation system measures.

Objective – Develop streets and highways with the intent of minimizing travel times and distances.

Objective – Pursue funding for the purposes of preserving and modernizing the existing system of streets and highways.

Title VI and Environmental Justice Goal – Plan and promote a transportation system that does not disproportionately impact minority and low-income populations

Objective – Assess and identify the transportation needs of minority and low-income populations.

Objective - Avoid and/or minimize disproportionately high and adverse impacts on minority and low-income populations.

Objective – Assess whether the benefits and burdens of transportation investments are fairly distributed among all populations.

Environmental Goal – Develop a transportation system, which preserves and enhances the natural and built environments

Objective – Promote better integration of land use and transportation planning.

Objective - Support multi-modal transportation projects, which preserve and complement the Urban Area's natural features.

Objective – Promote and plan for a transportation system that increases the vehicle occupancy rates, improves mode split, and reduces traffic congestion.

Public Transportation Goal – Support efforts to improve mobility for Urban Area residents

Objective – Increase awareness of public transportation services provided by the Concord/Kannapolis Area Transit System, Salisbury Transit System, Rowan Transit System, and Cabarrus County Transportation System (CCTS). Explore additional public transportation alternatives for the Urban Area with connection to the Charlotte Metro Region.

Objective – Support any expansion plans for Salisbury Transit and Concord/Kannapolis Area Transit that will improve mobility for residents within the Urban Area. Conduct appropriate transit planning studies to evaluate the need and benefit of public transportation.

Objective – Support the efforts of the public and private stakeholders concerning possible public transit options that would benefit the Cabarrus-Rowan Urban Area.

Bicycle and Pedestrian Goal – Promote development of an integrated bicycle and pedestrian network

Objective – Pursue funding for a coordinated and comprehensive network of sidewalks and bicycle routes throughout the Urban Area.

Objective – Improve the transportation system with accommodations for bicycle and pedestrian access.

Freight Goal – Develop a transportation system that encourages safe and secure movement of freight goods within and outside the Urban Area

Objective - Maintain regionally significant streets, highways and bridges to a state of good repair to minimize truck travel times and cargo damage.

Objective – Assist regional emergency management agencies to be better prepared in the event of crashes on the freight system, and in response to hazardous material incidents.

Objective – Develop and support a freight transportation system that enhances the region’s economic position and attractiveness as a major freight hub via an integrated network of highways, railroads, and airports

Survey of Metropolitan Transportation Plan Goals and Objectives

Cabarrus Rowan MPO 2050 MTP Multiple objectives for each goal statement	Street System Goal – Develop an efficient street and highway network for the Cabarrus-Rowan Urban Area	Congestion Management Goal – Develop a local thoroughfare system that minimizes traffic congestion and maximizes system preservation	Title VI and Environmental Justice Goal – Plan and promote a transportation system that does not disproportionately impact minority and low-income populations	Environmental Goal – Develop a transportation system, which preserves and enhances the natural and built environments	Public Transportation Goal – Support efforts to improve mobility for Urban Area residents	Bicycle and Pedestrian Goal – Promote development of an integrated bicycle and pedestrian network	Freight Goal – Develop a transportation system that encourages safe and secure movement of freight goods within and outside the Urban Area	
Charlotte Regional TPO 2050 MTP	Safe, Efficient, Sustainable Transportation	Integrated, accessible, multimodal transportation	Improve Quality of Life	Equitable transportation options	Regional and Statewide collaboration	Economic Competitiveness		
Joint Raleigh Capital Area MPO 2050 MTP abd Durham Chapel Hill Carrboro MPO 2050 MTP Multiple objectives for each goal statement	Connect People and Places	Promote and Expand Multimodal and Affordable Travel Choices Ensure That All People Have Access to Multimodal and Affordable Transportation Choices	Manage Congestion and System Reliability	Stimulate Inclusive Economic Vitality and Opportunity	Ensure Equity and Participation	Improve Infrastructure Condition and Resilience	Protect the Human and Natural Environment and Minimize Climate Change	Promote Safety, Health and Well-Being
Hickory - WPCOG MPO 2050 MTP Multiple policy statements for each goal statement	Develop a high-quality, fully-integrated, multi-modal transportation network that provides transportation options that meet the short and long term transportation needs of residents and businesses in the Greater Hickory Area.	Ensure adequate long-term funding for maintenance and construction of all modes of transportation facilities.	Support an open, inclusive, and participatory transportation planning process.	Designing streets and highways that are safe and efficient for motor vehicle drivers while accommodating public transit users, bicyclists and pedestrians.	Promote integrated development patterns and transportation networks that work together to support mixed-use, pedestrian friendly communities and active modes of transportation. Land-use and transportation decisions should be consistent and mutually reinforce each other.	Create a safe effective bikeway, sidewalk, and greenway network that is integrated with the transportation system, links together resources and destinations, provides an alternative to automobile travel, increases recreational opportunities, advances healthy lifestyles and enhances the quality of life in the Greater Hickory Area.	Enhance and expand public transportation into a system of buses, van pools, car pools and special population transit services that is efficient, convenient, safe and cost effective. Increase transit use through service enhancement, improved pedestrian and bicycle linkages, and transit supportive development patterns.	Support policies and development patterns to make the establishment of a regional commuter rail service. In addition, support efforts to improve air service, promote economic development and provide transportation access to Hickory Regional Airport and Foothills Regional Airport.
	Provide a safe and efficient freight transportation system that improves existing levels of freight access and mobility, supports the region's economic wellbeing and minimizes negative impacts on sensitive land-uses and the environment.	Establish policies and programs to improve the efficiency of the roadway network, reduce congestion pollutant emissions, increase safety and improve efficiency.	Develop a multi-modal transportation system which provides access and mobility to all residents, while protecting the public health, natural environment, cultural resources and social systems.	Identify and address the needs of minority and low-income populations in making transportation decisions.	Establish policies and programs to improve the efficiency of the roadway network and reduce congestion.			
Wilmington Cape Fear MPO 2045 MTP	Safe Promotes transportation projects that increase the safety of all users by decreasing injury and increasing user awareness.	Efficient Transportation network allows for time savings, interconnected across all modes of transport	Reliable Dependable travel times and connections	Realistic Appropriately utilizes available funding resources and does not exceed the financial means of the region	Multimodal Alternative modes of transportation available for most trip types	Environmentally and Socially Responsible Accessible, sustainable, and equitable transportation solutions actively communicated to increase public awareness and collaboration	Innovative Responsive to changing concepts and technologies in both design and construction	
Asheville French Broad MPO. 2045 MTP Multiple objectives for each goal statement	Improve Multimodal Transportation Improve Bicycle and Pedestrian Safety • Increase Utilization of Public Transportation • Increase Utilization of Other Modes • Improve Multimodal Network Connectivity	Improve Safety Improve the Safety of Travelers and Residents • Improve System Resilience to Incidents	Address Congestion and Bottlenecks Improve Travel-Time Reliability • Improve Transit OnTime Performance	Improve Public Transit Options Improve Transit On-Time Performance • Increase the Percentage of Population with Access to Public Transit • Increase the Percentage of the Transportation Disadvantaged Population with Access to Public Transit	Ensure Changes Protect Our Unique Places and Environments Mitigate and Reduce Impacts to the Environment • Minimize Impacts to Culturally and Environmentally Important Resources • Reduce Overall Impacts to Communities • Enhance Link between Transportation and Land Use Planning	Maintain & Improve Safe Freight Movement Within and Throughout the Region Reduce Crashes Involving Freight Vehicles • Improve Freight Travel Time Reliability • Increase Overnight and Rest Area Truck Parking	Maintain the Region's Infrastructure in Good Working Condition Increase the Number of Roadway Miles in Good Condition • Improve the Transit Capital State of Good Repair • Improve Bridge Safety	Develop a More Equitable Transportation System Increase Participation of Historically Underrepresented Groups in the Planning Process • Decrease Adverse Impacts to Historically Underrepresented Groups
NW Arkansas RPC 2045 MTP Correlation with Federal and State DOT goals and requirements for each MPO goal statement	Preserve and Maintain Infrastructure Maintain the existing and planned transportation system through ongoing maintenance, rehabilitation, reconstruction, and/or preservation by identifying and protecting corridors needed for future highway, transit, freight, or other transportation system requirements.	Improve Safety Increase transportation safety for all modes of travel by providing safe and secure travel for all modes of transportation, including walking, bicycling, transit and vehicular.	Reduce Congestion Improve Reliability Maximize the capacity and reliability of existing facilities on regionally significant routes and minimize the need for new roadways.	Improve Regional Mobility Increase transportation mobility and accessibility for both persons and freight, thus promoting economic vitality in the region.	Protect the Environment Provide a transportation system that protects and enhances the environment, promotes energy conservation and improves the quality of life.			

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

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

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

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

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

NOW THEREFORE, BE IT RESOLVED: that the Cabarrus-Rowan MPO Comprehensive Transportation Plan as shown on a map dated June 26, 2024, be approved and amended as a guide in the development of the transportation system in the MPO and the same is hereby recommended to the North Carolina Department of Transportation for its subsequent adoption.

ADOPTED, this the 26th day of June 2024.

I, Brittany Barnhardt, hereby certify that the foregoing is a true and correct copy of a resolution adopted in an adjourned meeting of said MPO held on June 26, 2024. WITNESS my hand and official seal this the 26th day of June, 2024.

Signature of the TAC Chair
Transportation Advisory Committee

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	

BICYCLE / PEDESTRIAN RECOMMENDATIONS

Proposals that address identified needs through 2050



City of Concord

Comprehensive Transportation Plan

Bicycle and Pedestrian Features

	Proposal ID #	Existing	Proposed
Bicycle	#		
Pedestrian	#		
Bicycle and Pedestrian	#		
Multiuse Path	#		
Bicycle and Pedestrian Bridge	#		
Denotes Highway Incidental	★		

Other Features

0 0.38 0.75 1.5 2.25 3 Miles

N

Studied Roads

MPO Boundary

RPO Boundary

Sheet 3 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

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

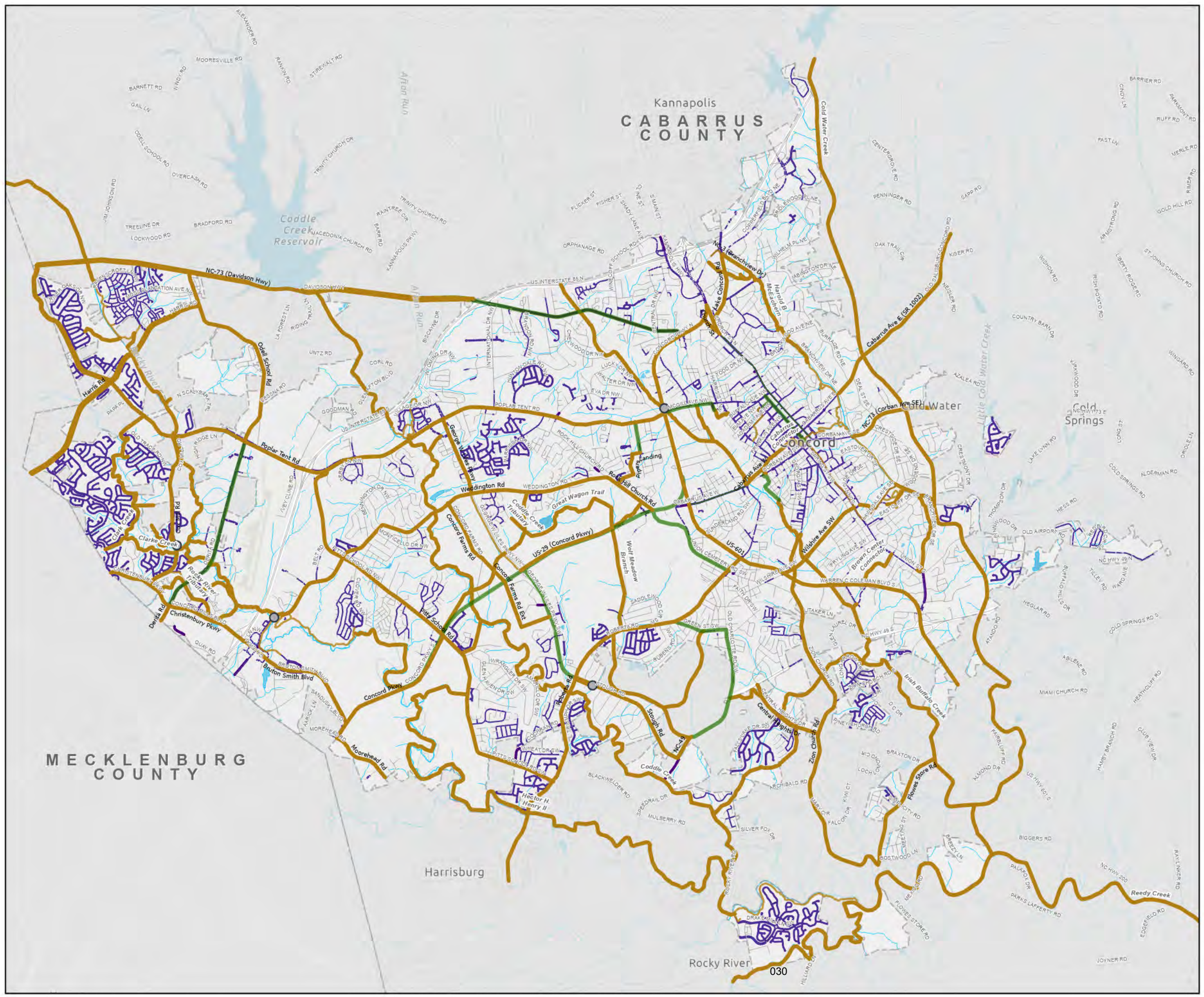
ATTEST: Kim J. Deason, City Clerk William C. Dusch, Mayor

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

Printed on 6/12/24

Transportation Director

Date



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

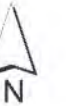
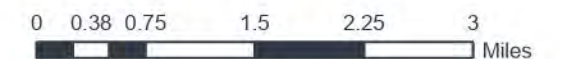


CITY OF CONCORD

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

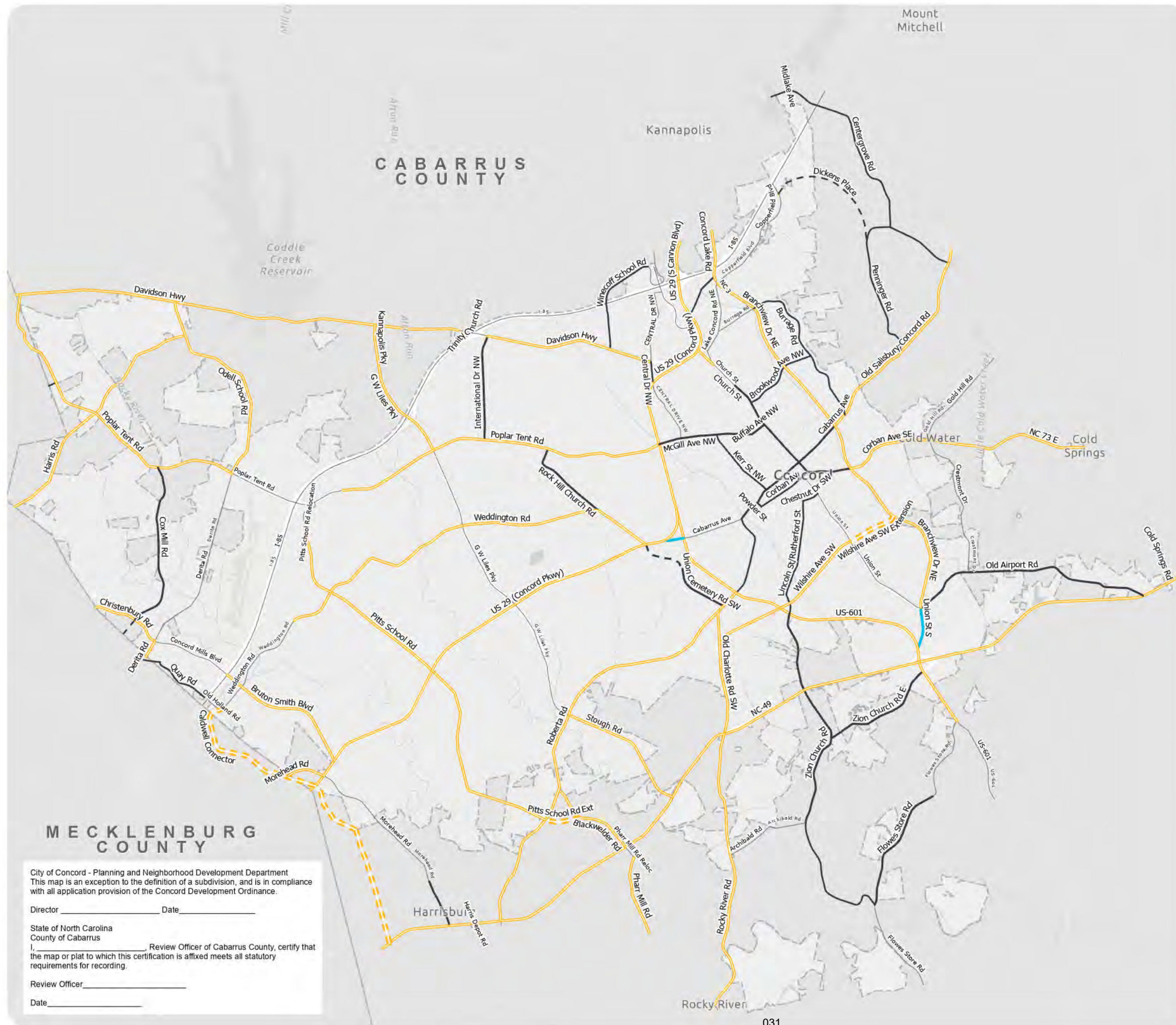
William C. Dusch, Mayor

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

Transportation Director _____

Date _____

Printed on 6/12/24



**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.

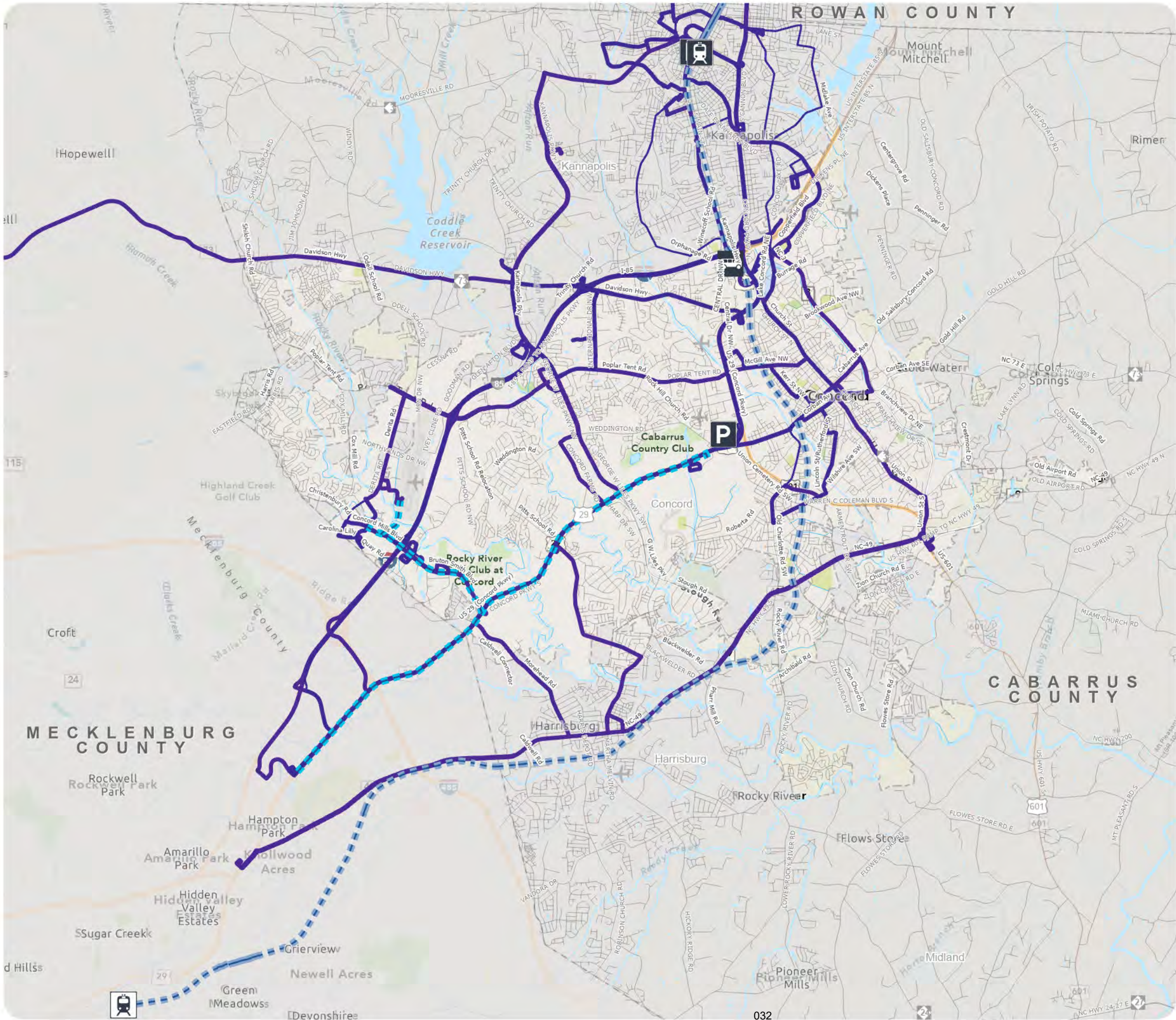
Director _____ Date _____

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 ★

0 0.5 1 2 3 4 Miles

Sheet 2 of 3

N

**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

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 6/12/24

Cabarrus-Rowan MPO
NCDOT Division 9 Transportation Update
June 2024

TIP / WBS No.	Description	Let Date	Completion Date	Status	Construction Cost	Contractor	Project Administrator	Comments
Projects Under Construction								
B-4626 38443.3.3 (C204446)	Replace Bridge #3 (EBL), and apply Bridge Preservation Treatment to Bridge #8 (WBL), over Yadkin River/W-S SB RR on NC 49 in Rowan County	February 1, 2022	April 30, 2025	60% 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 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	June 3, 2024	90% Complete	\$932,023	Dellinger	Eric Goldston (704) 630-3220	Dellinger has constructed the new bridge and is completing final roadway/paving work prior to turning over to traffic. Estimated open to traffic date June 03, 2024.
17BP.9.R.85	Replace Bridge #198 and Bridge #199 over Crane Creek on SR 2529 (St. Paul Church Rd) in Rowan County	October 25, 2023	January 22, 2025	75% Complete	\$1,213,212	R.E. Burns & Sons	Eric Goldston (704) 630-3220	RE Burns has constructed both new bridges and is completing final drainage, roadway, and paving work. Estimated open to traffic date is July 01, 2024.
U-5738 50163.3.1 (C204426)	Widen to multiple lanes on SR 2528 (Julian Rd) from US 601 (Jake Alexander Blvd) to SR 2667 (Summit Park Dr) in Salisbury	March 28, 2022	January 28, 2025	65% Complete	\$13,039,376	J. T. Russell and Sons	Eric Goldston (704) 630-3220	Traffic shifted to new alignment on December 08, 2023. Phase II of bridge, culvert extension, and roadway underway. Estimated completion early 2025.
9.102919.1; 9.103419.1; 9.108019.1 (DI00344)	Polyurea pavement markings on various primary routes in Davidson, Forsyth, and Rowan County	June 3, 2024	TBA	0% Complete	\$1,627,542	Oglesby Construction	Eric Goldston (704) 630-3220	Preconstruction conference held on May 23, 2024. Work schedule TBD.
17BP.9.R.86 (DI00343)	Grading, Drainage, Paving, Structure improvements on SR 1516 (Airport Road) – Bridge No. 205 over Grants Creek	June 24, 2024	May 15, 2025	0% Complete	\$1,403,684	NJR Group	Kelly Seitz (704) 630-3200	Estimated open to traffic date is November 14, 2025.
Y-5500IA (DI00346)	Drainage, Grading, Paving, & Crossing Closure on SR 1526 (Henderson Grove Church Road) – Existing At-Grade Rail Crossing & Extension of SR 1526 (Henderson Grove Church Road)	June 24, 2024	May 14, 2025	0% Complete	\$2,504,746	NJR Group	Kelly Seitz (704) 630-3200	Estimated open to traffic date is November 14, 2025.
2022CPT.09.07.10801, 2022CPT.09.08.20801 (C204678)	2 sections of NC-152, 1 section of NC-153, and 23 sections of secondary roads.	November 16, 2021	Anticipated completion June 30, 2024	70% Complete	\$6,499,914	NJR Group	Kelly Seitz (704) 630-3200	19 of 26 roads on the contract are complete.
2023CPT.09.07.10801 2023CPT.09.08.20801 (C204811)	Milling, resurfacing, and shoulder reconstruction on 1 section of US-70, US-29, and NC-150, and 5 sections of secondary roads.	March 15, 2023	September 15, 2024	10% Complete	\$4,651,490	J. T. Russell and Sons	Kelly Seitz (704) 630-3200	1 of 9 roads on the contract are complete.
2024CPT.09.07.10801 2024CPT.09.08.20801	Shoulder reconstruction, resurfacing and milling on 1 section of US 70 both East and West, 1 section of NC150, and 8 sections of secondary roads.	February 20, 2024	October 1, 2025	0% Complete	\$5,911,698	NJR Group	Kelly Seitz (704) 630-3200	Preconstruction meeting held on March 28, 2024.
2024CPT.09.14.20802.3 (DI00338)	Asphalt Surface Treatment, 23 Sections in Rowan County	April 8, 2024	October 18 2024	0% Complete	\$803,139	Whitehurst Paving	Kelly Seitz (704) 630-3200	Preconstruction meeting held on April 1, 2024.
49321.3.11 (DI00341)	Multiple Freeway and Expressway Ramp Pavement Markings in Davidson, Davie, Forsyth, Rowan, and Stokes County	April 8, 2024	August 30, 2024	0% Complete	\$431,240	Hickory Sealing and Striping	Kelly Seitz (704) 630-3200	Preconstruction meeting held on March 27, 2024.
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	59% Complete	\$2,880,727	Smith-Rowe	Kelly Seitz (704) 630-3200	Road was closed on October 23, 2023. Estimated completion with road opening by May 30, 2025.
Projects Under Development								
P-5726 47604.3.1 (C204343)	NS Main - Construct Track Improvements, Second Platform, Pedestrian Underpass, Sitework, Retaining Wall, and Signalling Equipment	March 17, 2026	TBA	ROW Acquisition In Progress	\$10,800,000	TBA	Brad Smythe (919) 707-4118	Raleigh Let - Pending execution of rail agreement.
P-5726A	Salisbury train station second platform and pedestrian underpass.	February 28, 2025	TBA	ROW Acquisition In Progress	\$2,900,000	TBA	Brad Smythe (919) 707-4118	Division POC -
P-5726B	Salisbury Norfolk Southern crossover relocation.	December 20, 2024	TBA	ROW Acquisition In Progress	\$4,000,000	TBA	Brad Smythe (919) 707-4118	NON-DOT Let -

Cabarrus-Rowan MPO
NCDOT Division 9 Transportation Update
June 2024

TIP / WBS No.	Description	Let Date	Completion Date	Status	Construction Cost	Contractor	Project Administrator	Comments
Projects Under Development								
P-5733 47612.3.1	NS Main - Rowan County - Upgrade Station Building, expand waiting space and surface parking	October 21, 2025	TBA	ROW Acquisition 2025	\$5,419,000	TBA	Brad Smythe (919) 707-4118	NON-DOT Let - NCDOT is working with the City now to develop a project agreement for this project.
R-5860A	Proposed Misenheimer Bypass to proposed Rockwell Bypass. Upgrade roadway and access management.	October 17, 2028	TBA	ROW Acquisition Sept. 17, 2027	\$46,200,000	TBA	Bryan Key (919) 707-6263	Raleigh Letting (LET) -
W-5709E 44855.3.5	Construct Roundabout and other safety improvements at Intersection NC 153 (Rice Street) and SR 1197 (Cannon Farm Rd) in China Grove	August 28, 2024	TBA	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	September 25, 2024	TBA	ROW Acquisition In Progress	\$6,300,000	TBA	Ryan Newcomb (336) 747-7800	Economic Development project. Final plans are complete pending ROW acquisition and utility relocations. Let date delayed due to ROW delays and utility relocations.
U-5901 44705.3.1	Airport Parkway –Construct 2-lane roadway on Multilane right of way in new location from SR 1710 (Harrison Rd) near US 70/601 (Jake Alexander Blvd) to SR 2539 (Peach Orchard Rd) at US 29 in Salisbury	2030	TBA	Planning/Design In Progress ROW Acquisition 2027	\$39,502,000	TBA	Ryan Newcomb (336) 747-7800	DDRL - Raleigh Let. Express design update in progress to update project estimate. PE work in progress. Merger Screening meeting held October 12, 2023. CP1 meeting held April 17, 2024. CP1 form signed by the Merger Team. CP2 meeting scheduled for July 25, 2024.
U-6062 47486.3.1	Upgrade SR 2739 (N. Main St and S. Main St) to incorporate Bicycle Lanes and Sidewalks, from SR 2000 (Jackson Park Rd/N. Loop Rd) in Kannapolis to SR 1211 (Kimball Rd) in China Grove	2031	TBA	ROW Acquisition 2028	\$28,400,000	TBA	Ryan Newcomb (336) 747-7800	DDRL - The PE work for this project has been suspended. Express design update in progress to revise project estimate.
U-6130 48321.3.1	Construct ramp and intersection improvements on US 29 at NC 152 in China Grove	Funded for Preliminary Engineering Only	Funded for Preliminary Engineering Only	Funded For Preliminary Engineering Only	\$2,000,000	Funded For Preliminary Engineering Only	Ryan Newcomb (336) 747-7800	Division POC (DPOC) - The PE work for this project has been suspended. Express design update in progress to revise project estimate.
State Forces Projects Under Development								
48921	Construct right turn lane on SR 1210 (Old Beatty Ford Rd) at US 29.	TBA	TBA	ROW Acquisition Complete. Utility Relocations Required.	\$361,000	State Forces	Matt Jones (336) 747-7800	High Impact Low Cost (HILC) project - On schedule. ROW has been settled. Project on hold pending review of possible RCI concept at the request of Landis.
Division Bridge Projects Under Development								
15BPR.115.1	Bridge Rehabilitation - Bridge #137 and #465 on I-85 over Yadkin River	April 15, 2025	TBA	TBA	\$4,200,000	TBA	Jeremy Keaton (336) 747-7800	In development.
17BP.9.R.96	Replace Bridge #254 over Kerr Creek on SR 1547 (Caldwell Rd) in Rowan County	February 11, 2026	TBA	ROW Acquisition In Progress	\$900,000	TBA	Jeremy Keaton (336) 747-7800	Project is on schedule.
BP9-R004 BP9-R004.3 (formerly 17BP.9.R.78)	Replace Bridge #235 over Unnamed Creek on SR 1322 (Ebenezer Rd) in Rowan County	November 13, 2024	TBA	ROW Acquisition In Progress	\$750,000	TBA	Jeremy Keaton (336) 747-7800	Project is on schedule.
BP9-R012 BP9-R012.3 (formerly 17BP.9.R.105)	Replace Bridge #108 over Tuckertown Reservoir on SR 1004 (Stokes Ferry Rd) in Rowan County	August 27, 2025	TBA	ROW Acquisition In Progress	\$1,500,000	TBA	Jeremy Keaton (336) 747-7800	Project is on schedule.
Locally Administered Projects Under Development								
BL-0034	US 601 from north of Kelsey Scott Park Greenway to end of Salisbury Mall project in Salisbury. Construct sidewalk connections to Salisbury Greenway/Carolina Thread Trail.	September 30, 2025	TBA	ROW Acquisition December 31, 2024	\$604,000	TBA	Wendy Brindle (704) 638-5201	Non-DOT let (LAP) - City of Salisbury - City proposing to take project down and move funds to C-5603H.
C-5603D 43713.3.4	Construct sidewalks on Old Concord Rd from Ryan St to Jake Alexander Blvd	September 30, 2024	TBA	ROW Acquisition In Progress	\$369,000	TBA	Wendy Brindle (704) 638-5201	Non-DOT let (LAP) - City of Salisbury - Reviewing final plans. The City has received ROW phase authorization. City has updated plans to 2024 spec. Railroad approval issue will delay advertisement. Supplemental agreement needed for funding.
C-5603H 43713.3.8	Brenner Ave from Statesville Blvd. to W Horah St and Brenner Ave. at Link Ave. in Salisbury	September 30, 2024	TBA	ROW Acquisition In Progress	\$643,000	TBA	Wendy Brindle (704) 638-5201	Non-DOT let (LAP) - City of Salisbury - The City has received ROW phase authorization. 100% Plans and Proposal have been reviewed and comments provided December 13, 2023.

Cabarrus-Rowan MPO
NCDOT Division 9 Transportation Update
 June 2024

TIP / WBS No.	Description	Let Date	Completion Date	Status	Construction Cost	Contractor	Project Administrator	Comments
Locally Administered Projects Under Development								
EB-5619B 56033.3.3	Grants Creek Greenway - Construct Multi-use trail from Kelsey Scott Park to Forestdale Dr in Salisbury	September 30, 2024	TBA	ROW Acquisition In Progress	\$1,439,000	TBA	Wendy Brindle (704) 638-5201	NON-DOT let (LAP) - ROW and Design issues. Environmental document update needed. Route change forthcoming.
HL-0049	US 70 / US 601 (Jake Alexander Blvd) to Milford Hills Rd in Salisbury. Construct Median; Construct roundabout at Milford Hills Rd.	September 30, 2025	TBA	ROW Acquisition April 30, 2025	\$830,000	TBA	Wendy Brindle (704) 638-5201	Non-DOT let (LAP) - PE funding was requested on July 19, 2023. PEF selected and kickoff meeting completed. 25% plans in progress.
HL-0064	US 29 Main Street from Kerr Street to Horah Street in Salisbury. Safety Improvements.	February 28, 2025	TBA	TBA	\$6,021,000	TBA	Wendy Brindle (704) 638-5201	On schedule. NCDOT reviewed 50% plans on March 1, 2024. Environmental document in progress. Public meeting scheduled for June 2024.
EB-5861	Third Street Greenway from 3rd Street to Yadkin River in Spencer. Construct alternate route, including spur from Grants Creek	September 30, 2026	TBA	TBA	\$4,287,000	TBA	Joel Taylor (704) 633-5331	Non-DOT let (LAP) - Municipal agreement in place.

	TIP/WBS No#	DESCRIPTION	LET DATE	COMPLETION DATE	STATUS	CONSTRUCTION COST	CONTRACTOR	PROJECT ADMINISTRATOR	COMMENTS
RAILROAD	RAILROAD PROJECTS								
	PROJECTS UNDER DEVELOPMENT								
	Y-4810K	Rogers Lake Road Grade Separation over NA/NCRR Railroad and closure at Grade Crossing N.724408Y in Kannapolis	November 2022	Winter 2026		16.3M	NJR Group, Inc.	NCDOT Michael Mariano 704-983-4400	Project is currently under CON.
	P-5725	Kannapolis Train Station Second Platform and Pedestrian Overpass	Summer 2025	TBD		13.4 M	TBD	NCDOT Brad Smythe 919-707-4118	Utility Relocations being performed. Pending Railroad CON Agreement, completion.
I-85	I-85 PROJECT								
	PROJECTS UNDER DEVELOPMENT								
	I-3802AA	I-85 Installation of Fiber Optic Communications Network, CCTV and DMS System for I-3802A project	February 2023	Winter 2025		2.1 M	Traffic Control Devices	NCDOT Michael Mariano 704-983-4400	Project is currently under CON. Allotted 510 days to Complete construction.
URBAN	URBAN PROJECTS								
	ACTIVE CONSTRUCTION PROJECTS								
	U-3440	NC 3 Kannapolis. U-2009 (Westside Bypass)-TO-SR 1691 (Loop Road). Widen existing route to multi-lane facility	November 2016	Summer 2024		34.1 M	JT Russell	NCDOT Jon Hinson 980-523-0085	Project under CON. The mainline is open to thru traffic. Inside lanes are closed to finish grass medians and concrete islands. Anticipated completion Summer 2024.
A	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. Schedule change is complete and properly reflected in SAP.
	U-6032	Mallard Creek Road (SR-2467)/ Derita Rd (SR-1445) from I-485 to Concord Mills Blvd. Widen to 6 lanes	R/W-2022 LET 2026	2029 PROJECTED	75% Plans	25 M	KCI	NCDOT Donald Griffith 704-983-4418	PE work continues. ROW acquisition resumed March 2024.
	U-5956	US 29 Concord. Realign Union Cemetery Road to Intersect US 29 at Rock Hill Church Road	R/W-2022 LET 2025	2027 PROJECTED	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-2026 LET-2029	2031 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
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HIGHWAY SAFETY PROJECTS									
ACTIVE CONSTRUCTION PROJECTS									
47866/ SS-4910CK	Poplar Tent Rd. at Rock Hill Church Road & Eva Drive Concord Intersection improvements	March 2023	Summer 2024			1.48 M	NJR Group	NCDOT Michael Mariano 704-983-4380	Project began in July however it was halted due to utility conflicts. Conflicts have now been resolved and crews are back to work.

	TIP/WBS No#	DESCRIPTION	LET DATE	COMPLETION DATE	STATUS	CONSTRUCTION COST	CONTRACTOR	PROJECT ADMINISTRATOR	COMMENTS
S A F E T Y	W-5710AO	Salisbury-Concord Road/ Old Concord Rd. Kannapolis to Irish Potato Road. Install Roundabout	December 2023	Summer 2024		1.12 M	JT Russell	NCDOT Michael Mariano 704-983-4380	Project Awarded. Clearing to begin January 2024. CON slated for Summer 2024.
	HS-2010M	Various Locations - WRONG WAY markings and signs.	February 2024	350 days		675K	TMI Services	NCDOT Jared Mathis 704-983-4400	Floating availablitiy date between: March 11, 2024 and May 6, 2024. Once the contractor elects to begin work he will have 350 days to complete the project. Contract #: DJ00504
	HS-2010O	NC 73. Install rumble strips and long life pavement markings.	March 2024	70 days		1.1 M	TBD	NCDOT Jared Mathis 704-983-4400	From Cabarrus/ Meck County Line to 6700 Davidson Hwy. FROM Gold Hill Road to Radcliff Road. FROM Blueberry Street (Cabarrus County) to Blake Road (Stanly County) Floating availablitiy date between: May 20, 2024 and July 12, 2024.
	HS-2010P	NC 49; US 601; and, NC 3. Install rumble strips and long life pavement markings.	March 2024	60 days		1.4 M	TBD	NCDOT Jared Mathis 704-983-4400	NC 49 FROM North 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. Floating availablitiy date between: June 17, 2024 and August 12, 2024.
	HS-2010D	NC 24/27 and Bethel School Road Half RCI	February 2024	Winter 2024		662 K	JT Russell	NCDOT Michael Mariano 704-983-4380	Project has been awarded. CON slated to begin Spring 2024.
	HS-2010F	NC 24/27 and Pine Bluff/Reed Mine Road RCI	February 2024	Winter 2024		750 K	JT Russell	NCDOT Michael Mariano 704-983-4380	Project has been awarded. CON slated to begin Spring 2024.
PROJECTS UNDER DEVELOPMENT									

	TIP/WBS No#	DESCRIPTION	LET DATE	COMPLETION DATE	STATUS	CONSTRUCTION COST	CONTRACTOR	PROJECT ADMINISTRATOR	COMMENTS
R O J E C T	BP10.R015	Bridge 120129 / SR 2635. (Old Airport Road) Concord over Cold Water Creek	Winter 2027	Spring 2029		1.3 M	TBD	NCDOT Garland Haywood 704-983-4400	Project Currently in Design - LET date accelerated in response to additional funding.
	BR-0181	Bridge 120062 / SR 2180 (Lane St.) over Lake Fisher	Fall 2027	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 was scoped in October 25, 2023 and design underway.
	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 CON potential and funding source.
	BP10.R047	Bridge 120083 / SR 2408 (Gold Hill Road) over Dutch Buffalo Creek	Winter 2025	Summer 2027		900 K	TBD	NCDOT Garland Haywood 704-983-4400	Project Currently in Design - LET date accelerated in response to additional funding.
	BP10.R055	Bridge 120292 / Mauney Road Mt. Pleasant Replace bridge over Little Meadow Creek	Winter 2025	Fall 2026		750 K	TBD	NCDOT Garland Haywood 704-983-4400	Project Currently in Design with two month delay in LET schedule for additional time for ROW and Utilities.
	BP10.C003	Bridge 120050 / SR 2113 (Penninger Road) over Br. Of Cold Water Creek	Fall 2029	Fall 2030		\$870K	TBD	NCDOT Garland Haywood 704-983-4400	Project Currently in Design with two month delay in LET schedule for additional time for ROW and Utilities.

MUNICIPAL PROJECTS

ACTIVE CONSTRUCTION PROJECTS

M U N	U-6098/47706	(PHASE II) Cabarrus County -Various; Left turn lane at NC 73 and SR 1430 // Turn lanes at access rd. NC 73 // RAB SR 1620 & SR 1621 // Extend storage I-85 ramps	Spring 2023	Summer 2024		2.7 M	Sealand Contractors Corp.	City of Kannapolis NCDOT 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: Summer 2024.
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PROJECTS UNDER DEVELOPMENT

	TIP/WBS No#	DESCRIPTION	LET DATE	COMPLETION DATE	STATUS	CONSTRUCTION COST	CONTRACTOR	PROJECT ADMINISTRATOR	COMMENTS
I C I P A L P R O J E C T S	C-5603I	US 601 From Flowe Store Road to Zion Road with US 601 and Flowe Store Road. Sidewalk and intersection improvements	Spring 2026	TBD		1.5 M	TBD	Concord NCDOT Jeff Burleson 704-983-4400	Awaiting 75% plan submittal. ROW Auth proposed 8/1/24.
	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 2025 LET 2027	2028		11 M	HNTB	NCDOT Terry Burleson 704-983-4400	PROJECT IS REACTIVATED Additional funding is needed to move forward.
	C-5603F	Bethpage Road From South Main Street to Leonard Avenue and from Westgreen Drive to Klondale Avenue sidewalk	Fall 2025	TBD		208 K	TBD	Kannapolis NCDOT Jeff Burleson 704-983-4400	Awaiting 75% plan submittal. ROW Auth proposed 8/1/24.
	EB-5844	Little Texas Road Lane Street to Dale Earnhardt Blvd sidewalk	Fall/Winter 2025	TBD		2.1 M		Kannapolis NCDOT Jeff Burleson 704-983-4400	ROW Auth proposed 7/1/24.
	HL-0062	NC 49 from Morehead Rd to Cedar Dr-Access Management Improvement	Summer 2025	TBD				Harrisburg NCDOT Jeff Burleson 704-983-4400	Working on Design Firm selection and rate approval.
	HL-0063	Caldwell Rd from US 29 to NC 49-Intersection Improvement and Roadway Extension	Summer 2025	TBD		4.2 M	TBD	Harrisburg NCDOT Jeff Burleson 704-983-4400	Working on Design Firm selection and rate approval.
	HL-0001	Poplar Tent Road Improvements (Moss Drive to Fullerton PI Drive)	Spring 2026	TBD		3.9 M	TBD	Concord NCDOT Jeff Burleson 704-983-4400	(PE, ROW, CON) Discussing design options and Environmental Document.
	BL-0060	Cox Mill Road Loop Greenway & Bicycle/Ped bridge	Fall 2025	TBD		1.9 M	TBD	Mt Pleasant NCDOT Jeff Burleson 704-983-4400	CON PHASE ONLY Agreement executed 1/20/23.
	BL-0086	Hickory Ridge Rd and Stallings Rd sidewalks	Winter 2026	TBD		1.5 M	TBD	Harrisburg NCDOT Jeff Burleson 704-983-4400	PE Funds Authorized 2023. Awaiting Design Firm selection process.
	BL-0087	Elm Ave, Glenn St, Crowell Dr, & Cedar Dr sidewalk	Spring 2025	TBD	041	1.6 M	TBD	Concord NCDOT Jeff Burleson 704-983-4400	Agreement executed February 2024. Currently working on PE authorization.

	TIP/WBS No#	DESCRIPTION	LET DATE	COMPLETION DATE	STATUS	CONSTRUCTION COST	CONTRACTOR	PROJECT ADMINISTRATOR	COMMENTS
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 2031	TBD		16.5 M	TBD	NCDOT Travis Preslar 704-983-4400	PROJECT IS BEING RESTARTED. Design firm is currently working on scope and fee.
V A R I O U	VARIOUS PROJECTS								
	ACTIVE CONSTRUCTION PROJECTS								
	HE-0015	NC 49 @ Prince Circle (West of General Services Drive SW) Convert existing full access crossover to reduced conflict intersection with leftovers and signalized U-turn leftovers.	December 2023	Summer 2024		2 M	Nassiri Development	NCDOT Marc Morgan 704-983-4380	Median work on northern end under construction, complete end of April. Second access under construction. Signal crews to mobilize in next 2 weeks. Overall completion by July.
	2024CPT.10.1 7.20131 - Contract DJ00512	VARIOUS LOCATIONS - 3 sections of secondary roads for Resurfacing/FDR	March 2024	Winter 2025		2.3 M	NJR Group, Inc.	NCDOT Marc Morgan 704-983-4380	Currently in schedule Development.
	2024CPT.10.1 2.20132 - Contract DJ00511	VARIOUS LOCATIONS - 9 sections of secondary roads for AST	March 2024	Fall 2025		368 K	Whitehurst Paving Co., Inc.	NCDOT Marc Morgan 704-983-4380	Currently in schedule Development.
	2024CPT.10.0 4.20131 - Contract DJ00487	VARIOUS LOCATIONS - 38 sections of secondary roads for Resurfacing	March 2024	Fall 2025		2.7 M	NJR Group, Inc.	NCDOT Marc Morgan 704-983-4380	Currently in schedule Development.
	2024CPT.10.0 3.10131 - Contract DJ00486	VARIOUS LOCATIONS - 1 Section of NC 3, 1 Section of NC 24/27 and 3 sections of secondary roads	December 2023	Fall 2025		2.6 M	NJR Group, Inc.	NCDOT Marc Morgan 704-983-4380	Contractor slated to begin Spring 2024.
	2023CPT.10.1 5.20131 - Contract DJ00453	VARIOUS LOCATIONS - 9 sections of secondary roads	March 2023	Fall 2024		2.4 M	NJR Group, Inc.	NCDOT Marc Morgan 704-983-4380	Contractor slated to begin Summer 2024

	TIP/WBS No#	DESCRIPTION	LET DATE	COMPLETION DATE	STATUS	CONSTRUCTION COST	CONTRACTOR	PROJECT ADMINISTRATOR	COMMENTS
S	2023CPT.10.1 4.10131 - Contract DJ00447	VARIOUS LOCATIONS - 1 Section of NC 3 and 3 sections of secondary roads	January 2023	Fall 2024		2.3 M	NJR Group, Inc.	NCDOT Marc Morgan 704-983-4380	Contractor slated to begin work Spring 2024
	R-5790JG 44920.3.15	VARIOUS LOCATIONS - Installation of curb ramps.	April 2023	Fall 2024		486 K	East Construction Co., LLC	NCDOT Jon Hinson 980-523-0080	Project is under CON. Estimated completion date is Fall 2024.
PROJECTS UNDER DEVELOPMENT									

DECEMBER 27, 2023



GHMPO

Greater Hickory Metropolitan Planning Organization

SCOPE OF WORK

GREATER HICKORY MPO

elements may be added or deleted at the discretion of the Project Team. The Consultant will be responsible for developing work tasks and following a project schedule that adheres to the final Scope of Work approved by the Project Team.

Approach:

The selected consultant will conduct a data-driven and systems-level approach of both existing conditions and historical trends of traffic safety. This analysis will then be used to establish a geospatial “High-Injury Network”. Identified locations within the high-injury network will be further analyzed for systemic safety issues. Using data and inferences made in analyzing individual locations, solutions will be identified using evidence-based best practices in the field of transportation.

Guiding Principles:

1. **Transparency:** Ensure traffic safety data, analysis, and development of safety performance measures are reported and disseminated openly (free of charge), clearly and comprehensively.
2. **Data-Driven:** Use defensible and quantifiable data to identify safety priorities and develop safety projects and recommendations for all modes of transportation.
3. **Robust Public Involvement:** Engage all communities and stakeholders within the planning area. Incorporate robust public involvement efforts in historically underrepresented communities. Incorporate involvement of local government and elected officials.
4. **Equity:** Investigate disparate safety impacts among different demographic and population groups and develop corresponding mitigation strategies.
5. **Shared Impetus:** Work with local officials to identify projects that 1) Address identified safety issues 2) Meet the needs and expectations of the municipalities represented by the GHMPO.
6. **Affect cultural change** around transportation safety in the region via education and awareness initiatives.
7. **3C’s:** Reliance on planning activities that are continuing, cooperative, and comprehensive.

Performance Tasks:

Task 1: Project Origination and Project Initiation (January 1 – February 28, 2024)

This project will begin with a commitment from the GHMPO TCC and TAC to the goal of Vision Zero, including a timeline for eliminating crashes inflicting serious injuries and fatalities for all modes of transportation.

Upon notice to proceed, project initiation meetings will be held with the Project Team, TCC and TAC. This will also include cooperation with the GHMPO planning staff in establishing a Technical Safety Subcommittee. Within these meetings, the consultant will confirm Scope of Work, project schedule, and deliverables. WPCOG data managers will be included in a discussion of a data-sharing system and best methods for sharing and storing project files and data.

Consultant Deliverables for Project Initiation:

- Kickoff meeting with Project Team (virtual)
- Monthly check-in meeting(s) with Project Team
- Confirmation of project schedules and deliverables
- Assigning Roles and Responsibilities
- Data Sharing Agreement
- TCC and TAC Meetings, #1 (in-person)
- Meeting agenda additions, summaries, presentations, supplemental materials.
- Technical Safety Subcommittee Development meeting with MPO Staff and Project Team
- Establishment of Technical Safety Subcommittee long term objectives and performance measures

Task 2: Coordination with the City of Hickory Safe Streets for All (Ongoing)

The Greater Hickory Metropolitan Planning Organization covers a four-county region, Alexander, Burke, Caldwell, and Catawba. Hickory, the largest city within Catawba county, has applied for and been awarded funding for a city-wide SS4A action plan. The consultant will be charged with coordinating efforts with the consultant selected to complete the Hickory SS4A plan. If the Hickory SS4A Action Plan has not been initiated by the completion of Task 1 of the CHSP (Currently set to be completed by March of 2024), the consultant will coordinate with City of Hickory transportation and public works staff to draft suggested communication procedures for the GHMPO and the City of Hickory. The communications procedures will include recommendations for data analysis, public involvement, messaging with local elected

officials, and project types to ensure consistency with the CHSP. The GHMPO intends to treat the CHSP as a living document, and at the time of the Hickory SS4A plan's completion, the CHSP will be reviewed and edited as necessary to reflect the High-Injury Network and Solutions identified in the Hickory SS4A plan.

Consultant Deliverables:

- Communication with Project leads for the City of Hickory
- Establishment of Procedures for Coordination (To reduce possibility of duplication or exclusion of efforts)

Task 3: Safety Analysis (February 1 – June 30)

The cornerstone of the CHSP will be a data-driven safety analysis of the multimodal transportation system including both existing conditions and historical trends. The first product of analysis will be a baseline level of crashes causing serious injuries and fatalities across the region. Once a baseline is established, further analysis will produce a "high-injury network" in which locations with a high frequency of injury crashes are specified. Each location will be analyzed based upon crash type, crash severity, and contributing factors.

Further, each location's specific safety needs will be analyzed and risk factors will be identified. Risk factors reviewed will include road and traffic features, built environment, structural issues, demographics, and specific safety needs relative to relevant users (pedestrians, bicyclists, etc.).

Additionally, consultant staff will collaborate and facilitate a meeting with the Technical Safety Subcommittee to review high-injury locations. This Subcommittee meeting include stakeholders from local emergency services (Fire Departments, Police Departments, and Emergency Medical Services) and local governments.

Safety analysis will analyze disproportionate impacts on areas with concentrated populations of Title VI and Environmental Justice (EJ) demographic groups. The final project is an AGOL geospatial identification of high-injury locations, including information about contributing factors and risk factors contributing to serious injury and fatal crashes, specific to high-injury locations. The GHMPO is particularly concerned with the following data:

- Location(s) of Crashes

- Time of Crash and Contributing Factors associated with time of day (i.e. sun glare, low light situations, night time crashes in highly illuminated areas)
- Built environment factors contributing to all crash types and specific to pedestrian and bicyclists (i.e. road and traffic features, bike/pedestrian infrastructure or multi-use path in relationship to built environment factors such as high speed/low light areas)
- Other contributing factors (i.e., speed, impairment, distracted driving)
- Fatalities and injury severity in relation to contributing factors and risk factors.
- Crash occupant demographics (age, race/ethnicity, gender)
- Modal Breakdown of Crashes (Highway, Bike/Ped, Transit and Bus Stops)

Consultant Deliverables for Task 3:

- Monthly check-in meeting(s) with Project Team
- Crash Analysis Memo and presentation, detailing historical and existing conditions, safety analysis outlined in Task 3, and methodology
- AGOL map of High Injury Network
- Identification of risk factors that are not yet supported by crash data.
- Title VI and EJ Populations Analysis (No Vehicle Households, Low-income, Limited English Proficiency etc.) with reference to high-injury network and risk factors
- Comparison of GHMPO MTP EJ analysis and project locations with high-injury network and risk factors.
- Technical Safety Subcommittee Meeting #1 to review safety problems and high-injury locations (in person)
- TCC and TAC Meetings, #2 (in person)

Task 4: Safety Improvement Strategy and Project Selections (July 1 – October 31, 2024)

Using insight gained from Task 2 (Safety Analysis) the consultant will identify a comprehensive set of multimodal project types and strategies to reduce crash volume and severity. Each project type will be designed to respective locations and safety problems using data, available evidence, and best safety practices in the field of transportation safety. Each project type or countermeasure will be selected for specific safety problem(s) as described in Task 3. The identified strategies and countermeasures will align with the Safe System Approach, effective interventions, and multidisciplinary approaches.

The consultant will collaborate and facilitate a meeting with the Technical Safety Subcommittee to review proposed strategies and project types. The consultant will develop project selection

-----Original Message-----

From: Bailey, John A [mailto:jabailey@ncdot.gov]

Sent: Monday, May 20, 2024 9:06 AM

To: pconrad@rlcassoc.com

Cc: Stupka, Emily L <elstupka@ncdot.gov>

Subject: RE: [External] RE: FW: Julian Road

Hi Phi,

Thanks for the context and history! I would be of the opinion that as long as we coordinate the technical correction with Salisbury/Rowan County and make the TCC/TAC aware of said correction, that may be enough.

Thanks,
Andy

John A. (Andy) Bailey
Western Piedmont Planning Group Supervisor Transportation Planning Division
North Carolina Department of Transportation

919 707 0991 office number

919 733 9794 fax number

jabailey@ncdot.gov

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

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-----Original Message-----

From: Phil Conrad <pconrad@rlcassoc.com>
Sent: Monday, May 20, 2024 8:53 AM
To: Bailey, John A <jabailey@ncdot.gov>
Cc: Stupka, Emily L <elstupka@ncdot.gov>
Subject: [External] RE: FW: Julian Road

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Andy,

We do have the initial CTP map adoption in 2011, so the change in designation happened prior to that date. There is also a locally generated thoroughfare map in the initial, and consolidated Cabarrus-Rowan MPO MTP (May 2005) that includes Julian as a major thoroughfare. I'm thinking that it may be more of a technical correction at this point. We can run through the formal process, but just helpful to know the history. It's not a big deal.

Thanks,

Phil

-----Original Message-----

From: Bailey, John A [<mailto:jabailey@ncdot.gov>]
Sent: Monday, May 20, 2024 7:42 AM
To: pconrad@rlcassoc.com
Cc: Stupka, Emily L <elstupka@ncdot.gov>
Subject: RE: FW: Julian Road

Hi Phil,

The only official action I see was the March 9, 2017, NC Board of Transportation mutual adoption of the CRMPO CTP, which shows Julian Road as a minor thoroughfare.

I think the Salisbury Thoroughfare Plan and Rowan County Thoroughfare Plan (2000) had this as a major thoroughfare.

<https://digital.ncdcr.gov/documents/detail/2912930?item=3446681> (Page 27)

The ~2001 Cabarrus-South Rowan Thoroughfare Plan did not include this section (Salisbury) of Rowan County.

Were there any Thoroughfare Plans approved between 20002 and 2017?

Otherwise, it appears 2017 is when this change was made as a part of the CRMPO CTP.

Thanks,

Andy

John A. (Andy) Bailey

Western Piedmont Planning Group Supervisor Transportation Planning Division
North Carolina Department of Transportation

919 707 0991 office number

919 733 9794 fax number

jabailey@ncdot.gov

1 South Wilmington Street

1554 Mail Service Center

Raleigh, NC 27699-1554

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-----Original Message-----

From: Phil Conrad <pconrad@rlcassoc.com>

Sent: Friday, May 17, 2024 10:57 AM

To: Bailey, John A <jabailey@ncdot.gov>
Cc: Stupka, Emily L <elstupka@ncdot.gov>
Subject: [External] FW: Julian Road

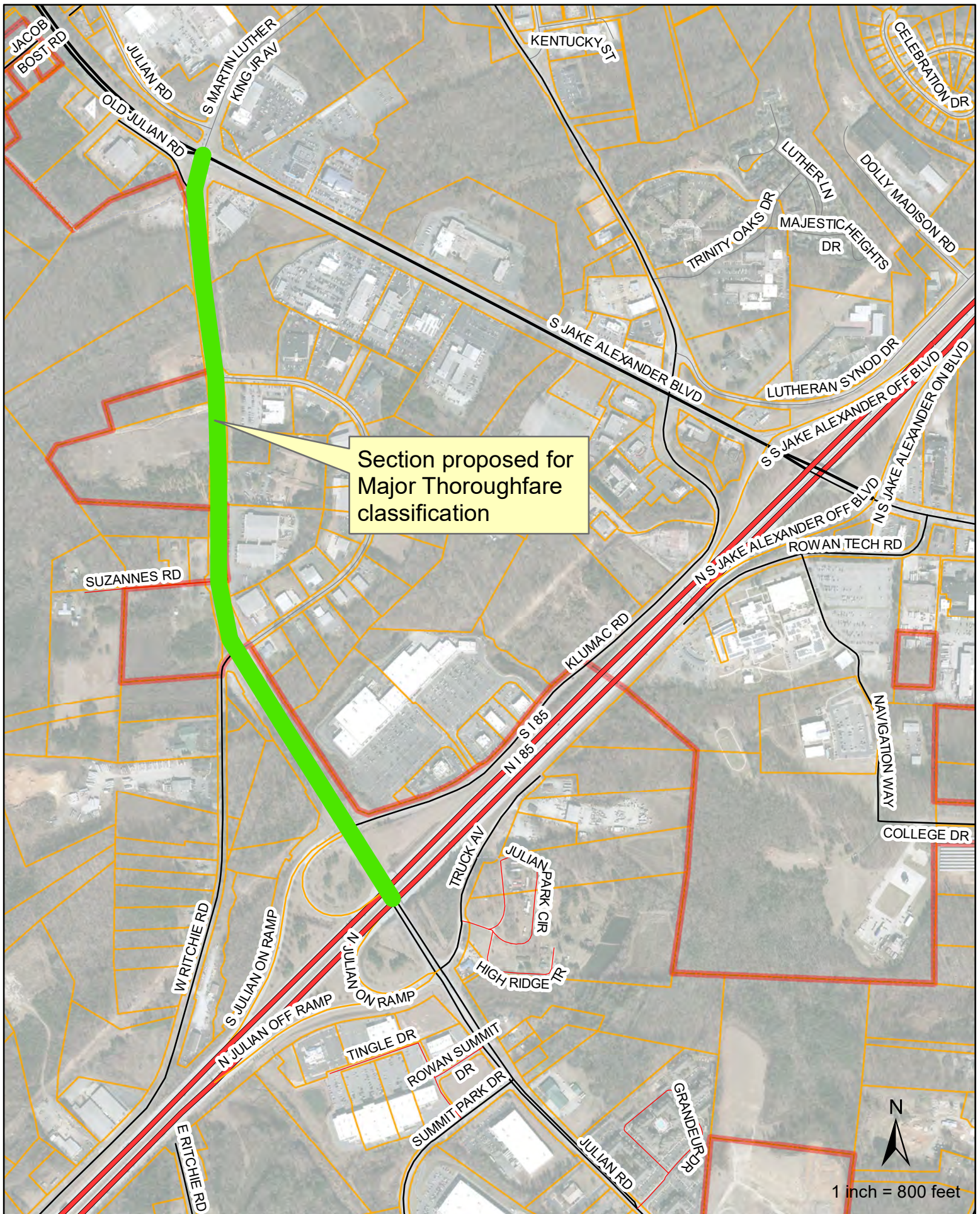
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Andy,

I know Emily is out for a while. I'm looking at the old Salisbury Thoroughfare Plan from 1997 and we had Julian Road as a major thoroughfare. I'm not sure how it got changed over time. I've looked back through my files and can't see any kind of official local action. I'm just wondering if it was a simple oversight. Let me know your thoughts on it, or if ya'll have a way to check the files. I'm thinking it occurred in the early 2000's when we merged all of the thoroughfare plans together.

Thanks,

Phil Conrad
Cabarrus-Rowan MPO



CTP Amendment - Julian Road

Printed on 6/12/24

From: [Eatman, Mark R](#)
To: pconrad@rlcassoc.com
Subject: RE: [External] RE: MPO's CMAQ Priorities
Date: Wednesday, June 5, 2024 1:21:55 PM
Attachments: [image001.png](#)

Hey Phil,

I don't have too much of an update at the moment. CMAQ projects are about to go through interagency review in the next week. You all can program any remaining suballocated funds through FFY 2026 for projects on your priority list. I'm open to programming beyond that if the STIP group is but I haven't heard anything from them regarding programming beyond FFY 2026.

What time is the meeting on the 19th, 10AM? If so I have another meeting during that time.

Thanks,

Mark R. Eatman, PE (He/Him/His)
Senior Statewide Initiatives Engineer
919-707-0970
mreatman@ncdot.gov

From: Phil Conrad <pconrad@rlcassoc.com>
Sent: Tuesday, June 4, 2024 10:18 AM
To: Eatman, Mark R <mreatman@ncdot.gov>
Subject: [External] RE: MPO's CMAQ Priorities

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I'd like to give my folks an update on the 19th at TCC of any progress. I'd also invite you to join us if you have time. It will be a virtual meeting as always. Please advise.

Thank you for your help,

Phil

From: Eatman, Mark R [<mailto:mreatman@ncdot.gov>]
Sent: Friday, May 24, 2024 10:44 AM
To: pconrad@rlcassoc.com
Cc: Hildebrandt, Heather J <hjhildebrandt@ncdot.gov>; Brindle, Wendy W <wbrin@salisburync.gov>; 'Phillip Graham' <grahamp@concordnc.gov>; 'Mallory Hodgson' <mhodgson@harrisburgnc.org>; burrise@mtpleasantnc.us; 'George Berger' <bergerg@ConcordNC.gov>; Brumfield, Ryan M <rmbaumfield@ncdot.gov>
Subject: RE: MPO's CMAQ Priorities

Thanks Phil

Mark R. Eatman, PE (He/Him/His)
Senior Statewide Initiatives Engineer
919-707-0970
mreatman@ncdot.gov

From: Phil Conrad <pconrad@rlcassoc.com>
Sent: Thursday, May 23, 2024 10:02 AM
To: Eatman, Mark R <mreatman@ncdot.gov>
Cc: Hildebrandt, Heather J <hjhildebrandt@ncdot.gov>; Brindle, Wendy W <wbrin@salisburync.gov>; 'Phillip Graham' <grahamp@concordnc.gov>; 'Mallory Hodgson' <mhodgson@harrisburgnc.org>; burrise@mtpleasantnc.us; 'George Berger' <bergerg@ConcordNC.gov>; Brumfield, Ryan M <rmbaumfield@ncdot.gov>
Subject: [External] MPO's CMAQ Priorities
Importance: High

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Mark,

Please find our latest CMAQ priorities (1 thru 7) attached, as well as the MPO Board resolution from last night. Let us know if you should need anything else.

Thank you,

Phil Conrad
Cabarrus-Rowan MPO

From: Eatman, Mark R [<mailto:mreatman@ncdot.gov>]
Sent: Tuesday, April 2, 2024 9:26 AM
To: pconrad@rlcassoc.com
Cc: Hildebrandt, Heather J <hjhildebrandt@ncdot.gov>; Brindle, Wendy W <wbrin@salisburync.gov>
Subject: RE: RE: CRMPO TAC Approved CMAQ Project

Phil/Wendy,

I wanted to confirm this is correct for C-5603D? I'm showing the \$1,277,268 in additional CMAQ funds with \$319,317 coming from the City of Salisbury for local match (20%).

STIP Number	Description / Location	Responsible Party	Phase	CMAQ Funding	CMAQ Share	Local Match	Local Share	Total Funding	FY
C-5603D	Old Concord Road Sidewalk (Ryan Street to Jake Alexander Blvd)	Salisbury	CON	\$1,277,268	80%	\$319,317	20%	\$1,596,585	2024

Thanks,

Mark R. Eatman, PE (He\Him\His)
 Senior Statewide Initiatives Engineer
 919-707-0970
mreatman@ncdot.gov

From: Phil Conrad <pconrad@rlcassoc.com>
Sent: Thursday, March 28, 2024 1:51 PM
To: Eatman, Mark R <mreatman@ncdot.gov>
Cc: Hildebrandt, Heather J <hjhildebrandt@ncdot.gov>; Brindle, Wendy W <wbrin@salisburync.gov>
Subject: [External] RE: CRMPO TAC Approved CMAQ Project

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Yes, the MPO awarded \$1,277,268 in additional funds to the *original* award for C-5603D, Old Concord Road sidewalk project. Please let us know if you should have any questions.

Phil Conrad
 Cabarrus-Rowan MPO

From: Eatman, Mark R [<mailto:mreatman@ncdot.gov>]
Sent: Thursday, March 28, 2024 10:08 AM
To: Phil Conrad <pconrad@rlcassoc.com>
Cc: Hildebrandt, Heather J <hjhildebrandt@ncdot.gov>
Subject: CRMPO TAC Approved CMAQ Project

Phil,

I heard that the CRMPO TAC approved one of the projects on your list of CMAQ projects. I wanted to confirm which project that was to begin drafting an award letter.

Thanks,

Mark R. Eatman, PE (He\Him\His)
 Senior Statewide Initiatives Engineer
 Transportation Planning Division
 North Carolina Department of Transportation

919-707-0970
mreatman@ncdot.gov

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EXHIBIT A - SCOPE OF WORK

Task 1: Development of the 2050 Updated MTP

The consultant will undertake the following:

- Roadways
 - Update the CMP table/spreadsheet of congested facilities and performance measures of Volume to Capacity Ratio (V/C).
 - Utilizing the Metrolina Regional TDM to test transportation alternatives with CDOT to address network deficiencies. The consultant will assume a Base Year Model run and an E+C Model run for 2050 and a 2050 No-Build Model run.
 - Develop table of safety/fatalities averages for Cabarrus and Rowan Counties through the updating of crash data and analyzing the most recent available crash data (both motorized and non-motorized) to identify particular areas to be targeted for improvements.
- Congestion Management Process
 - Updated travel times along the 11 congested corridors in the CRMPO CMP plan. Travel time data collection will be utilizing RITIS, INRIX or National Performance Management Roadway Data System (NPMRDS), which ever provides the most up-to-date data.

Deliverables: The consultant will prepare the respective inputs in table formats to plug into the MTP document.

Task 2: Graphics / Exhibits

The consultant will prepare/update report graphics including maps, charts, graphs, and tables using GIS applications to assist CRMPO and other interested parties in understanding the MTP. Assumption is 26 maps to provide.

Deliverables: Clear, concise, easy to understand MTP graphics.

March 18, 2024

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

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

Scope of Services

The Consultant will provide the services specifically set forth below.

TASK 1: PROJECT MANAGEMENT

1.1 Monthly Coordination

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

1.2 Project Schedule and Work Plan

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

1.3 Data Needs Memorandum

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

1.4 Data Sharing Platform

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

1.5 Kickoff Meeting

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

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

1.6 Progress Statements

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

1.7 Plan Update Presentations

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

1.8 Branding

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

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

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

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

TASK 2: COMMUNITY ENGAGEMENT

2.1 Public Involvement Plan

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

2.2 Website Support

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

2.3 Steering Committee Meetings

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

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

2.4 Stakeholder Interviews

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

2.5 Interagency Coordination

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

2.6 Online Survey

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

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

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

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

2.8 Public Engagement Summary

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

TASK 3: EXISTING CONDITIONS ASSESSMENT

3.1 Existing Conditions Assessment

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

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

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

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

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

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

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

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

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

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

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

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

TASK 4: PLAN DEVELOPMENT

4.1 Vision, Goals Objectives, and Performance Measures

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

4.2 Recommendations Development

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

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

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

TASK 5: PRIORITIZATION

5.1 Project Prioritization

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

TASK 6: FINANCIAL PLAN

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

6.1 Revenues

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

6.2 Cost Opinions

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

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

6.3 Financially Constrained Plan

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

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

6.4 Model Integration

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

TASK 7: FEDERAL COMPLIANCE

7.1 Federal Compliance and System Performance Report

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

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

TASK 8: NCDOT COMPREHENSIVE TRANSPORTATION PLAN

8.1 CTP Content Development

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

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

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

8.2 CTP Project Recommendation List

Per the RFP this task includes:

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

8.3 CTP Mapping

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

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

8.4 CTP Project Sheets

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

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

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

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

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

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

TASK 9: CONGESTION MANAGEMENT PROCESS

Task 9.1 Update Congested Network

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

Task 9.2 Establish the Intent of the CMP

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

Task 9.3 Apply Available Data and Analysis Tool Results

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

Task 9.4 Develop CMP Network Recommendations

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

Task 9.5 Document CMP Strategy Toolbox

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

TASK 10: DOCUMENTATION

10.1 Summary Report

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

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

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

10.2 GIS Map Packages and Digital Files

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

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

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

Additional Services

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

Schedule

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

	RIDER TRANSIT						RIDER ADA PARATRANSIT					
	2019	2020	2021	2022	2023	2024	2019	2020	2021	2022	2023	2024
January	35154	32795	19946	13670	26317	26781	1014	1233	1064	1291	1877	1755
February	32851	31073	23498	20251	25535	28616	1001	1238	1065	1358	1459	1717
March	35038	25626	36652	23914	28482	31228	1066	887	1558	1626	1781	1626
April	33822	15732	36209	24336	26145	32730	1117	550	1555	1474	1565	1647
May	36735	18489	36769	24130	28,564		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	
Totals	425346	279229	349993	287,952	333,437	119,355	12560	12106	16091	18630	19732	6745

	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			
	133387	76086	66968				8016	6937	8017			

Data Provided by Transit Systems is Current as of
May 2024

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

Mode / Service	Apr-24	Apr-23	Percent Increase/Decrease	YTD FY 2024	YTD FY 2023	Percent Increase/Decrease	Avg Daily Ridership per Month		
							WeekDay	Saturday	Sunday
Local									
BOD Local	621,346	473,459	31.2 %	5,729,555	4,621,244	24.0 %	23,308	15,940	11,212
Subtotal	621,346	473,459	31.2 %	5,729,555	4,621,244	24.0 %	23,308	15,940	11,212
Local Express									
Arboretum Express	1,100	766	43.6 %	10,153	2,958	243.2 %	50	-	-
Harrisburg Road Express	1,308	922	41.9 %	11,308	8,923	26.7 %	59	-	-
Northcross Express	3,078	2,148	43.3 %	27,525	23,327	18.0 %	140	-	-
Idlewild Road Express	1,029	832	23.7 %	8,055	7,356	9.5 %	45	9	-
Independence Blvd Express	2,453	1,800	36.3 %	20,727	16,363	26.7 %	112	-	-
Lawyers Road Express	1,287	743	73.2 %	12,221	8,071	51.4 %	59	-	-
Mountain Island Express	588	145	305.5 %	2,998	545	450.1 %	27	-	-
Northlake Express	1,827	2,058	-11.2 %	18,620	15,074	23.5 %	83	-	-
North Mecklenburg Express	4,840	3,374	43.4 %	40,938	31,843	28.6 %	220	2	-
Huntersville Express	3,156	3,107	1.6 %	29,727	26,045	14.1 %	143	-	-
Rea Road Express	1,591	1,132	40.5 %	12,303	10,568	16.4 %	72	-	-
Steele Creek Express	696	306	127.5 %	4,583	1,114	311.4 %	32	-	-
Huntersville Greenhouse Express	86	56	53.6 %	1,245	1,009	23.4 %	4	-	-
Subtotal	23,039	17,389	32.5 %	200,403	153,196	30.8 %	1,046	11	
Regional Express									
Gastonia Express	968	754	28.4 %	9,141	6,893	32.6 %	44	-	-
Rock Hill Express	1,218	571	113.3 %	10,097	6,509	55.1 %	55	-	-
Union County Express	879	731	20.2 %	7,845	6,614	18.6 %	40	-	-
Subtotal	3,065	2,056	49.1 %	27,083	20,016	35.3 %	139	-	
Community Circulator									
Neighborhood Shuttles	15,142	14,913	1.5 %	165,539	146,017	13.4 %	545	447	346
Eastland Neighborhood Shuttle	9,848	8,453	16.5 %	92,942	82,986	12.0 %	336	359	252
Pineville-Matthews Road	1,881	1,541	22.1 %	20,085	16,349	22.9 %	75	51	6
Village Rider	4,324	3,701	16.8 %	45,252	38,084	18.8 %	162	132	55
Subtotal	31,195	28,608	9.0 %	323,818	283,436	14.2 %	1,118	989	659
Human Services Transportation									
Special Transportation Services	16,650	15,155	9.9 %	153,061	155,600	-1.6 %	662	307	215
DSS	-	1,215	n/a	5,589	9,720	-42.5 %	-	-	-
Subtotal	16,650	16,370	1.7 %	158,650	165,320	-4.0 %	662	307	215
Rideshare Services									
Vanpool	-	3,568	n/a	31,682	38,225	-17.1 %	-	-	-
Subtotal	-	3,568	n/a	31,682	38,225	-17.1 %	-	-	



Metropolitan Transit Commission
Charlotte Area Transit System Ridership Report

Apr-24

Mode / Service	Percent			YTD		Percent	Avg Daily Ridership per Month		
	Apr-24	Apr-23	Increase/Decrease	FY 2024	FY 2023		WeekDay	Saturday	Sunday
Rail									
LYNX Blue Line	518,037	422,606	22.6 %	4,805,526	4,208,721	14.2 %	18,190	19,376	10,090
CityLynx Gold Line	54,927	49,248	11.5 %	470,229	497,558	-5.5 %	1,968	1,641	1,267
Subtotal	572,964	471,854	21.4 %	5,275,755	4,706,279	12.1 %	20,158	21,017	11,357
Total	1,268,259	1,013,304	25.2 %	11,746,946	9,987,716	17.6 %	46,431	38,264	23,443





**CRAFT Technical Committee Meeting
(Via Teams)
Meeting Notes
April 23, 2024**

Attendees:

Phil Conrad (CRMPO); Julio Paredes (GCLMPO); Neil Burke (CRTPO); Curtis Bridges (CRTPO); Theo Ghitea (NCDOT); Martin Kinnamon (CDOT); Juan Garcia (Gaston County); Tori Dellinger (GCLMPO); Temekia Dae (CRTPO); Theo Thomson (CRTPO); Arthur Cashwell (GCLMPO); Alex Riemondy (CDOT); Animashaun Temilope (NCDOT); Andy Grzyski (Centralina); Roger Castillo (NCDOT); Shantrise Harris (FHWA-SC); Emily Stupka (NCDOT); William Synder (CRTPO); Travis Johnson (CRTPO); Luke Lowry (Centralina); Stephen Allen (CRCOG); Brian Elgort (CRTPO); Brian Horton (CATS); Jim Walden (SCDOT); and David Hooper (RFATS).

1. **Welcome & Introduction** – Mr. Hooper began the meeting at 10:00am and welcomed everyone participating on the call.
2. **Approval of January 23, 2024 Minutes** – Mr. Hooper noted that he had not received the minutes from GCLMPO yet; as such, minutes approval for the January meeting will be addressed at the next meeting on July 23, 2024.
3. **2020 Census (Status of Agency Materials / Documentation)** – Mr. Hooper briefly summarized the principal components typically updated following each decennial census (i.e., amended bylaws; changes in member composition; mapping adjustments, etc), and noted that the one item that remains outstanding is completion of applicable agency agreements consistent with federal requirements. Discussion then briefly followed among agency participants on their respective status.
4. **Transportation Performance Management (GHG Emissions Rule and CMAQ “Mid-Point” Review)** – Discussion occurred regarding recent federal court decision challenging the applicability of GHG emissions rule. In short, AMPO stated that the court has ruled that FHWA lacks the authority to regulate these emissions for states and MPOs to measure and set reduction targets for on-road GHG emissions. With this in mind, CRAFT should probably continue to monitor this topic for any additional guidance that may follow.

Discussion then briefly followed regarding the applicability of a 2yr “mid point” review for the CMAQ performance target. Brian noted that he would reach out to Daryl and Rich to follow-up as appropriate.

5. **Long Range Transportation Plans** – Each agency participant provided a brief summary of their planning area efforts; and that, all activities are working well and progressing on schedule.
6. **Transportation Improvement Program** – Mr. Hooper briefly summarized a recently completed TIP Update and Conformity Determination at RFATS; and thanked Martin for providing applicable data in a timely manner. Mr. Burke then outlined the latest on P-7 TIP process in North Carolina as well as related timelines and expectations going forward.
7. **Project Coordination / Adjacent Planning Areas** – Mr. Hooper provided an overview of planning work along the US 521 Corridor and inquired about the latest working schedule regarding adjacent work within CRTPO. Next, brief discussion followed on the status of planning work for a new bridge crossing from S. New Hope Road to I-485.
8. **CONNECT Beyond** – Mr. Lowry briefly summarized recent work activity; in particular, progress on the TDM initiative and the Advancing the Plan Committee.
9. **CTP / Thoroughfare Planning** – Discussion briefly occurred regarding the primary objectives and working schedule in 2024.
11. **Next Meeting** – Mr. Hooper stated that the next meeting is scheduled for Tuesday, July 23, 2024 and will be hosted by Catawba Regional. As a point of reference, CRCOG and CRMPO had discussed CRCOG continuing to host the July meeting, and CRMPO would shift to hosting the October meeting.
12. **Adjournment:** The meeting was adjourned at approximately 10:58AM.