

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

**Wednesday March 15, 2023**

**10:00 AM to 12:00 noon**

**NC Research Campus**  
Kannapolis City Hall  
2<sup>nd</sup> Floor Conference Room  
401 Laureate Way  
Kannapolis, NC 28081

**Agenda**

**1) Call to Order & Quorum TCC Chairman Smith**

- Roll Call of Voting Members & Introduction of Guests
- Adjustments to the Agenda
- Speakers from the Floor (3 minutes per speaker)

**2) Approval of January 18, 2023 minutes TCC Chairman Smith**

**3) FY 2020-2029 MTIP Modification #17 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 right-of-way to FY 23 for the US 70/US 601 sidewalk project (BL-0034). The second project modification is the delay of right-of-way to FY 25 for the Bruton Smith Blvd sidewalk project (EB-5732). The third project modification is the delay of construction to FY 24 for the US 24/27 and Bethel School Road RCI project (HS-2010D). The fourth project (Cabarrus) modification is the delay of construction to FY 24 for the track improvements, second platform, pedestrian underpass, etc. (P-5725). The fifth project (Rowan) modification is the delay of construction to FY 25 for the track improvements, second platform, pedestrian underpass, etc. (P-5726). The final project modification is the delay in construction for the Salisbury Train Station second platform and pedestrian underpass (P-5726A) to FY 24. Attachment 3 is a resolution modifying the MTIP for these projects.

**ACTION/RECOMMENDATION:** 1) Receive a report on modification #17 to the FY 2020-2029 MTIP; 2) Discuss; and 3) Recommend that the TAC consider endorsing modification #17 to the FY 2020-2029 MTIP.

#### **4) NCDOT Performance Measures**

**Phil Conrad**

**INFORMATION:** The former FAST Act required that State DOTs and MPOs adopt performance-based planning as a component of the metropolitan transportation planning process. The CR MPO has published for public review the targets for pavement and bridge conditions, travel time and truck freight reliability, and CMAQ Performance Measures, which are consistent with measures established by the NCDOT. These performance measures are available for public comment thru March 22nd. A resolution approving these measures are included as attachment 4.

**ACTION/RECOMMENDATION:** 1) Receive a report on the pavement and bridge conditions, travel time and truck freight reliability, and CMAQ Performance Measures in the Concord UZA and Charlotte UZA; 2) Discuss; and 3) Consider recommending that the TAC endorse the performance measures as presented.

#### **5) FY 2024-2027 TIP Conformity**

**Phil Conrad**

**INFORMATION:** The Cabarrus-Rowan MPO and the Metrolina Regional Partners have been working on an Air Quality Conformity Analysis and Determination Report for the 2024-2027 TIP. A copy of the report is on the MPO website. The TIP Conformity Report demonstrates that the financially constrained MTP's in the Metrolina Region meet national ambient air quality standards. It also certifies that the Transportation Improvement Program is a subset of the 2050 MTP and the Conformity Report is consistent with the State Implementation Plan (SIP). An excerpt from the TIP Conformity Report is provided as attachment 5. The public comment period is scheduled to close on March 22nd on the Conformity Report.

**ACTION / RECOMMENDATION:** 1) Receive a report on the Air Quality Conformity Analysis and Determination Report and any 2050 MTP Amendments; 2) Discuss; and 3) Recommend that the TAC consider adopting the Air Quality Conformity Analysis and Determination for the 2024-2027 TIP.

#### **6) FY 2023-2024 DRAFT UPWP**

**Phil Conrad**

**INFORMATION:** Each year the Cabarrus-Rowan MPO develops and adopts a unified planning work program (UPWP). The UPWP is the MPO budget and follows the state fiscal year 2023-2024 and is included as attachment 6A. The UPWP identifies the planning tasks, responsible agencies, and funding sources for regional transportation planning activities to be conducted within the planning area during the next fiscal year. These projects include MPO planning activities undertaken by local agencies, the N.C. Department of Transportation, and a line item for Regional Model and MTP Maintenance. In the fall of 2022, the NCDOT indicated that the full allocation in FY 24 to the MPO is \$412,300. There is no more unobligated balance for PL funds to MPO's in NC. As part of the UPWP, the Federal government is requiring all MPO's to certify their transportation

planning process on an annual basis. Attachment 6B is a checklist for the CR MPO to certify the MPO transportation planning process. The local match table is included as attachment 6C and the resolution adopting the UPWP is included as attachment 6D.

**ACTION/RECOMMENDATION:** 1) Receive a report on the FY 2023-2024 UPWP; and 2) Discuss. and 3) Recommend that the TAC consider certifying the CR MPO transportation planning process and consider adopting the FY 2023-2024 UPWP.

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

- Local Reports – MPO/NC DOT Division 9 & 10/TPD/IMD
- P7.0 Project Call – P6.0 carryover projects (2) due by March 31<sup>st</sup>
- Special Studies Updates – Rowan County and Town of China Grove (2)
- 2020 Census Urbanized Area Schedule of Activities
- Carbon Reduction Program (CRP) Project Call – due March 31<sup>st</sup>

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

- Rider Transit, Salisbury Transit, and MTC Ridership
- TPD Newsletter
- CRAFT Meeting Minutes
- NC MPO Conference – April 26-28

**Next scheduled meeting: April 19, 2023**

- Agenda items for April TCC meeting

# MINUTES

## TECHNICAL COORDINATING COMMITTEE

Wednesday, January 18, 2023

### Virtual Meeting

#### Members:

Phillip Graham	City of Concord
Susie Morris	Cabarrus County
Ed Muire	Rowan County & Town of Cleveland
Theo Ghitea	NCDOT Div. 10
Wendy Brindle	City of Salisbury
Mallory Hodgson	Town of Harrisburg
Fred Haith	NCDOT Div. 9
Jason Hord	Town of Granite Quarry
Brian Brown	Town of Landis
Erin Burris	Town of Mt. Pleasant
Steve Blount	Town of Spencer

#### Others:

Phil Conrad	CRMPO Director
Connie Cunningham	MPO Staff
Phillip Craver	NCDOT Div 9
Loretta Barren	FHWA
Scott Miller	NCDOT Div 10
Phil Collins	Cabarrus Co.
Roger Castillo	NCDOT TPD
Beth Hassenfritz	Kannapolis
Andy Bailey	NCDOT-TPD
Jamie Tippett Poe	RIDER Transit
Alex Rotenberry	NCDOT IMS
Teresa Robinson	NCDOT STIP
Neda Fahim	NCDOT Div10
Victoria Bailiff	City Salisbury
Larry Smith	Granite Quarry
Wendy Miller	MPO Staff
Mark Kincaid	CTT

TCC Vice Chairman Ed Muire called the January 18, 2023 meeting of the Cabarrus Rowan MPO TCC to order at approximately 10:00 am. Vice Chairman Muire called the roll of eligible TCC members and determined that a quorum was met. Vice Chairman Muire continued by asking if there were any adjustments to the meeting agenda. Vice Chairman Muire reported that a request from the City of Kannapolis had been made to move Item 5 to Item 4 to accommodate a time restraint. By consensus the TCC members agreed to move Item 5 to Item 4. Vice Chairman Muire continued by asking if there were any speakers from the floor. With no speakers being heard, Vice Chairman Muire moved to the next item of business.

### **Approval of Minutes**

Vice Chairman Muire called the TCC members' attention to the minutes of the November 16, 2022 TCC meeting included in their meeting packets. Vice Chairman Muire asked if there were any corrections or additions to the minutes. With no corrections or additions being heard, Mr. Phillip Graham made a motion to approve minutes as amended. Mrs. Wendy Brindle seconded the motion and the TCC members voted unanimously to approve.

## **FY 2020-2029 MTIP Modification #16**

Mrs. Wendy Miller, Senior Transportation Planner informed the TCC members that staff typically will bring amendments or modifications from recent NCDOT Board of Transportation agendas to the TCC and TAC for consideration. The first project modification is the addition of preliminary engineering in FY 23 for the Third Street Greenway Project identified as EB-5861. Mr. Steve Blount with the Town of Spencer provided some information on the project. The second project modification is the cost increases for the US 29/US601 bridge replacement project, B-5808. The third project modification, U-3415A, is the delay in construction for the Poplar Tent Road widening to FY 2028. After reviewing the modifications in detail, Mrs. Miller directed members to attachment #3 in their packets which was a resolution modifying the MTIP for these projects.

With no questions and comments, Mr. Phillip Graham made a motion to recommend that the CRMPO TAC consider endorsing modification #16 to the FY 2020-2029 MTIP. Mr. Steve Blount seconded the motion and the TCC members voted unanimously to approve.

## **Proposed CMAQ Project Submittal**

Mrs. Wendy Miller, Senior Transportation Planner reported that a submittal from the City of Kannapolis for the Bethpage Road sidewalk project for CMAQ or Congestion Mitigation and Air Quality funds has been received. This is a federal funding source for areas designated non-attainment by the EPA. She stated that CMAQ funds require a local sponsor and a 20 percent local match. She noted that eligible projects must demonstrate an emissions reduction benefit to the local area. Mrs. Miller went on to say that NCDOT issued a call for new project applications with a submittal deadline by the middle of March. NCDOT has indicated that the CRMPO can anticipate receiving about \$1.58 million in CMAQ funds for FY 2024. Ms. Beth Hassenfritz with the City of Kannapolis addressed the TCC members and explained the project to the members. She noted the importance of the Bethpage Road sidewalk project to the City of Kannapolis.

With minimal discussion or comments, Mr. Steve Blount made a motion to recommend that the CRMPO TAC endorse the CMAQ project from the City of Kannapolis. Mrs. Erin Burris seconded that motion and the TCC members voted unanimously to approve.

## **TAP Program Project Call**

Director Phil Conrad reported to the TCC members that the CRMPO issued a call for new project proposals for Transportation Alternatives Program (TAP). This federal program will fund bicycle and pedestrian infrastructure and is similar to the STP-DA suballocation program, requiring a 20 percent local match for eligible bicycle and pedestrian projects. He noted that the MPO issued a call for project proposals on September 29th which concluded on December 30th. A total of 3 projects proposals were submitted by 3 project sponsors. The total cost of these projects is \$4.25 million. MPO staff would propose using \$3.4 in federal TAP funds (80 percent) through FY 2026 for these projects. He called members' attention to Attachment 4A in their packets which was a summary table of the proposed projects.

Mrs. Mallory Hodgson with the Town of Harrisburg addressed the TCC members to review the Hickory Ridge Road Sidewalk Extension project. She provided some summary slides for the

project including the cost at \$2.078 million and some rationale for why the Town submitted the project originally. The Town has completed a feasibility study and an opinion of probable cost.

The second project sponsor was Mr. Jason Hord from the Town of Granite Quarry. Mr. Hord noted the information in the TCC packet as well as the overall need for the sidewalk to connect the 2 main municipal parks in Town. He confirmed that the Town is requesting \$438,912 for their project. Mr. Phillip Graham summarized the City of Concord project and requested \$1.3 million for several sidewalks within a general vicinity. All funds would be for construction.

With minimal discussion or comments following the three presentations, Mrs. Mallory Hodgson made a motion to recommend that the CRMPO TAC endorse the three TAP project requests from the project sponsors. Mr. Phillip Graham seconded that motion and the TCC members voted unanimously to approve.

### **FY 2023-2024 DRAFT UPWP**

CRMPO Director Phil Conrad reported to the TCC members that the CRMPO annually develops and adopts a Unified Planning Work Program (UPWP). Director Conrad continued by explaining that the UPWP is the MPO budget and follows the state fiscal year 2023-2024. Director Conrad called members' attention to Attachment #6 in their packets and explained the draft budget. The UPWP he went on to explain, identifies the planning tasks, responsible agencies, and funding sources for regional transportation planning activities to be conducted within the planning area during the next fiscal year. He went on to state that these projects include MPO planning activities undertaken by local agencies, the NCDOT and a line item for Regional Model and MTP Maintenance. After reviewing the draft budget, Director Conrad reported that this item will be coming back before them at a later date.

### **Reports/CRMPO Business**

**1. Local Reports – MPO/NCDOT Division 9 and 10/PTD-** Mr. Fred Haith, NCDOT Division 9 representative called members' attention to the Division 9 spreadsheet included in their packets. He reviewed some of the items on the spreadsheet.

Mr. Theo Ghitea , NCDOT Division 10 representative called the TCC members' attention to a spreadsheet of Division 10 project updates and highlighted some of the ongoing projects in Division 10.

**2. Grants Creek Greenway Feasibility Study Resolution of Support -** MPO Director Phil Conrad reported that a resolution of support has been requested by the Town of China Grove to pursue a feasibility study for a greenway project. He reported that this was a new funding source. With no questions or comments, Mrs. Mallory Hodgson made a motion to recommend that the CRMPO TAC endorse the resolution of support as presented. Mrs. Erin Burriss seconded the motion and the TCC members voted unanimously to approve.

**3. Cabarrus-Mecklenburg Greenway Connection Feasibility Study Resolution of Support -** MPO Director Phil Conrad reported that a resolution of support has been requested by the Town of Harrisburg to pursue a feasibility study for a greenway project. He reported

that this was a new funding source. With no questions or comments, Mrs. Mallory Hodgson made a motion to recommend that the CRMPO TAC endorse the resolution of support as presented. Mrs. Erin Burris seconded the motion and the TCC members voted unanimously to approve.

**3. Special Studies Update- Rowan County, Town of China Grove and 2050 MTP Assistance-** Mr. Ed Muire with Rowan County reported to members the County's Long Ferry Road Corridor Study in the land use development stage is complete and submitted for review. Director Conrad reported that the Town of China Grove reported that a charette has been completed on their second project submittal for a special study.

**5. EJ Screening Tool** – Mr. Alex Rotenberry with NCDOT IMD presented the TCC members with a power point presentation on the EJ Screening Tool. Mr. Rotenberry also reported that Multi-Model Planning Grants are now available as well as Micro Feasibility Studies funding for transit only, Non-Infrastructure Safe Routes to School funding, and Helmets for Kids grants.

**6. Release of Census Defined Urban Area Population – Concord UA 278,612** Director Conrad informed the TCC members that the US Census had released the new UA population and boundary. He provided a series of slides to explain the impacts of the new data and geography. There were no questions or comments after the presentation.

**7. Carbon Reduction Program (CRP) Application and Project Call-** Director Conrad reported to TCC members that a call for projects was recently released. He explained this program is similar to CMAQ funds.

### **Informational Items**

Director Conrad called attention to the following informational items included in their packets:

RIDER Transit, Salisbury Transit and MTC Ridership  
TPD Newsletter  
CRAFT Meeting Minutes  
NC MPO Conference – April 26-28 in Greenville, NC

**Next scheduled meeting : February 15, 2023**

With no further business to discuss, Mr. Phillip Graham made a motion to adjourn the meeting. Mrs. Wendy Brindle seconded the motion and the meeting was adjourned.

RESOLUTION ADOPTING MODIFICATION #17 TO THE CABARRUS-ROWAN  
METROPOLITAN TRANSPORTATION IMPROVEMENT PROGRAM FOR FY 2020-2029

**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 2020-2029 Transportation Improvement Program, dated October 1, 2019, 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 2020-2029 Metropolitan Transportation Improvement Program dated October 1, 2019, for the Cabarrus Rowan Urban Area Metropolitan Planning Organization be modified as listed above on this the 22nd day of March, 2023.

I, Ryan Dayvault, Transportation Advisory Committee Chair, do hereby certify that the above is a true and correct copy of the excerpt from the minutes of a meeting of the Cabarrus-Rowan Transportation Advisory Committee, duly held on the 22nd day of March 2023.

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Ryan Dayvault, Chair  
Transportation Advisory Committee



**REVISIONS TO THE 2020-2029 STIP  
HIGHWAY PROGRAM**

CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION

**STIP MODIFICATIONS**

BL-0034 ROWAN PROJ.CATEGORY EXEMPT	- CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION	US 70 / US 601 (JAKE ALEXANDER BOULEVARD), WEST OF KELSEY SCOTT PARK GREENWAY TO END OF SALISBURY MALL GREENWAY/CAROLINA THREAD TRAIL. CONSTRUCT SIDEWALK. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING, DELAY RIGHT-OF-WAY FROM FY 23 TO FY 24.</u>	RIGHT-OF-WAY  CONSTRUCTION	FY 2024 - \$72,000 (CMAQ) FY 2024 - \$18,000 (L) FY 2025 - \$139,000 (CMAQ) FY 2025 - \$35,000 (L) FY 2026 - \$344,000 (CMAQ) FY 2026 - <u>\$86,000</u> (L) \$694,000
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\* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2020-2029 STIP  
HIGHWAY PROGRAM

CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION

STIP MODIFICATIONS

EB-5732 CABARRUS PROJ.CATEGORY DIVISION	- CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION	BRUTON SMITH BOULEVARD/ CONCORD MILLS BOULEVARD/ PORTION OF WEDDINGTON ROAD, US 29 TO WEDDINGTON ROAD. CONSTRUCT SIDEWALK ON BOTH SIDES OF THE ROAD, INCLUDING A PORTION OF WEDDINGTON ROAD. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY RIGHT-OF-WAY FROM FY 24 TO FY 25 AND CONSTRUCTION FROM FY 25 TO FY 26.</u>	RIGHT-OF-WAY	FY 2025 -	\$80,000	(TAANY)
			CONSTRUCTION	FY 2025 -	\$20,000	(L)
				FY 2026 -	\$2,295,000	(TAANY)
				FY 2026 -	\$574,000	(L)
				FY 2027 -	\$2,321,000	(TAANY)
				FY 2027 -	\$580,000	(L)
				FY 2028 -	\$184,000	(TAANY)
	FY 2028 -	\$46,000	(L)			
		\$6,100,000				
HS-2010D CABARRUS PROJ.CATEGORY REGIONAL	- CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION	NC 24/27, SR 1120 (BETHEL SCHOOL ROAD) INTERSECTION. INSTALL A REDUCED CONFLICT INTERSECTION (RCI) WITH UNSIGNALIZED BULBOUTS. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY CONSTRUCTION FROM FY 23 TO FY 24.</u>	RIGHT-OF-WAY	FY 2023 -	\$301,000	(HSIP)
			CONSTRUCTION	FY 2024 -	\$4,000	(HSIP)
				FY 2025 -	\$388,000	(HSIP)
					\$693,000	
P-5725 CABARRUS PROJ.CATEGORY REGIONAL	- CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION	CONSTRUCT TRACK IMPROVEMENTS, SECOND PLATFORM, PEDESTRIAN UNDERPASS, SITEWORK, RETAINING WALL, SIGNALING EQUIPMENT. <u>TO ALLOW ADDITIONAL TIME TO OBTAIN A RAILROAD CONSTRUCTION AGREEMENT, DELAY CONSTRUCTION FROM FY 23 TO FY 24.</u>	CONSTRUCTION	FY 2024 -	\$936,000	(T)
			FY 2025 -	\$6,535,000	(T)	
			FY 2026 -	\$2,628,000	(T)	
				\$10,099,000		
P-5726 ROWAN PROJ.CATEGORY REGIONAL	- CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION	NORFOLK SOUTHERN RAILROAD, NS MAINLINE IN ROWAN COUNTY. CONSTRUCT TRACK IMPROVEMENTS, SECOND PLATFORM, PEDESTRIAN UNDERPASS, SITEWORK, RETAINING WALL AND SIGNAL EQUIPMENT. <u>TO ALLOW ADDITIONAL TIME FOR DESIGN, DELAY CONSTRUCTION FROM FY 24 TO FY 25.</u>	CONSTRUCTION	FY 2025 -	\$1,765,000	(T)
			FY 2025 -	\$196,000	(L)	
			FY 2026 -	\$4,957,000	(T)	
			FY 2026 -	\$550,000	(L)	
			FY 2027 -	\$1,919,000	(T)	
			FY 2027 -	\$213,000	(L)	
		\$9,600,000				

\* INDICATES FEDERAL AMENDMENT

**REVISIONS TO THE 2020-2029 STIP  
HIGHWAY PROGRAM**

CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION

**STIP MODIFICATIONS**

P-5726A ROWAN PROJ.CATEGORY REGIONAL	- CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION	NORFOLK SOUTHERN, SALISBURY TRAIN STATION SECOND PLATFORM AND PEDESTRIAN UNDERPASS. <u>TO ALLOW ADDITIONAL TIME FOR DESIGN, DELAY CONSTRUCTION FROM FY 23 TO FY 24.</u>	CONSTRUCTION	FY 2024 - \$374,000 (T) FY 2025 - <u>\$2,126,000</u> (T) \$2,500,000
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\* INDICATES FEDERAL AMENDMENT

**Resolution Supporting Targets for Performance Measures Established By NCDOT**

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

WHEREAS Federal regulations (23 CFR Part 490) require States to set targets for interstate and non-interstate National Highway System (NHS) pavement condition, NHS bridge condition, travel time reliability, freight reliability, and emissions reduction, and;

WHEREAS two of these emission reduction measures (peak-hour excessive delay per capita and percent of non-SOV travel) that apply to the Charlotte, NC-SC Urbanized Area were agreed upon in a coordinated manner with North Carolina Department of Transportation (NCDOT), South Carolina Department of Transportation, Cabarrus-Rowan MPO, Charlotte Regional Transportation Planning Organization, Gaston-Cleveland-Lincoln MPO, and Rock Hill-Fort Mill Area Transportation Study.

WHEREAS two of these emission reduction measures (peak-hour excessive delay per capita and percent of non-SOV travel) that apply to the Concord, NC Urbanized Area were agreed upon in a coordinated manner with NCDOT and Cabarrus-Rowan MPO.

WHEREAS, the NCDOT has established targets for the performance measures noted above, and;

WHEREAS, the NCDOT coordinated the establishment of targets with the 19 MPOs in North Carolina through webinars and email communications during the spring and summer of 2022, and;

WHEREAS, the NCDOT has officially established targets and transmitted them to FHWA on December 16, 2022, and;

WHEREAS Federal regulations require MPOs to establish targets within 180 days of the State establishing and reporting its targets to FHWA by agreeing to plan and program projects that contribute toward the accomplishment of the State’s targets for each measure, or establish its own target.

NOW THEREFORE, BE IT RESOLVED, that the MPO’s Transportation Advisory Committee (TAC) agrees to plan and program projects that contribute toward the accomplishment of the State’s targets for each of the listed performance measures below:

<b>Performance Measure</b>	<b>2023 Target</b>	<b>2025 Target</b>
Interstate Pavement Condition (Good)	60.0%	62.0%
Interstate Pavement Condition (Poor)	1.8%	1.5%
Non-Interstate NHS Pavement Condition (Good)	30.0%	31.0%
Non-Interstate NHS Pavement Condition (Poor)	3.5%	3.0%
NHS Bridge Condition (Good)	38.0%	36.0%
NHS Bridge Condition (Poor)	5.0%	5.0%
Interstate Level of Travel Time Reliability	75.0%	75.0%
Non-Interstate NHS Level of Travel Time Reliability	70.0%	70.0%
Interstate Truck Travel Time Reliability	1.70	1.70
CMAQ – Percent of Non-Single Occupant Vehicle (SOV) Travel, Charlotte, NC-SC Urbanized Area	21.0%	21.0%
CMAQ – Annual Hours of Peak-Hour Excessive Delay (PHED) per Capita, Charlotte, NC-SC Urbanized Area	34.0	34.0
CMAQ – Percent of Non-Single Occupant Vehicle (SOV) Travel, Concord, NC Urbanized Area	17.0%	17.0%
CMAQ – Annual Hours of Peak-Hour Excessive Delay (PHED) per Capita, Concord, NC Urbanized Area	10.0	10.0
CMAQ - On-Road Emission Reduction from CMAQ Projects	VOC: 0.557 kg/day NOx: 2.229 kg/day	VOC: 1.114 kg/day NOx: 4.458 kg/day

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

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

TAC Chairman



# NORTH CAROLINA

Department of Transportation

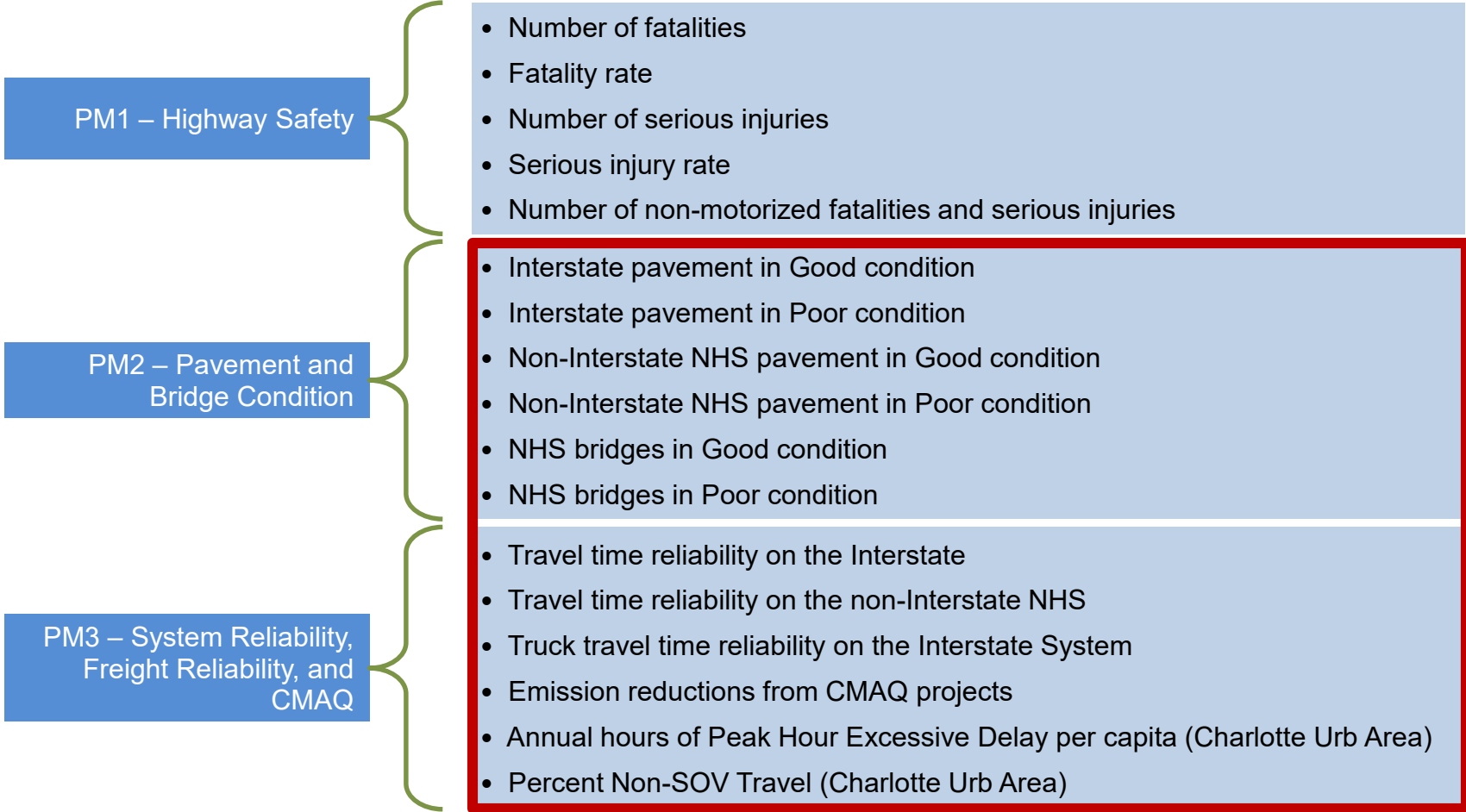


## NCDOT Transportation Performance Management (TPM) Targets for the 2022-2025 Performance Period Pavement, Bridge, and System Performance

*Targets established December 15, 2022*



# FHWA Performance Measures





# FTA Transit Performance Measures

## Transit Asset Management

- Equipment (age)
- Rolling stock (age)
- Infrastructure (condition)
- Facilities (performance restrictions)

## Transit Safety

- Number and rate of fatalities
- Number rate of reportable injuries
- Safety events
- System reliability

[here](#) and [here](#).



# Target Setting Requirements

For PM2 and PM3, states and MPOs must establish 2-year and 4-year targets every four years

State DOTs shall coordinate with relevant MPOs on the selection of targets



MPOs must then establish targets within 180 days

**By June 13, 2023**

MPOs shall coordinate with the State DOT on the selection of targets



MPOs establish targets by either:

Agreeing to plan and program projects so that they contribute toward the accomplishment of the State targets; or

Committing to a quantifiable target for the MPA





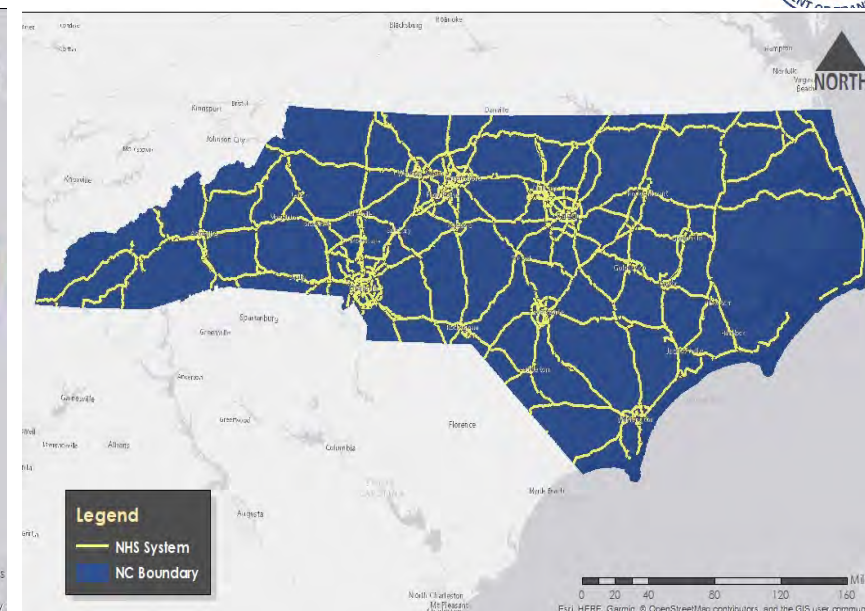
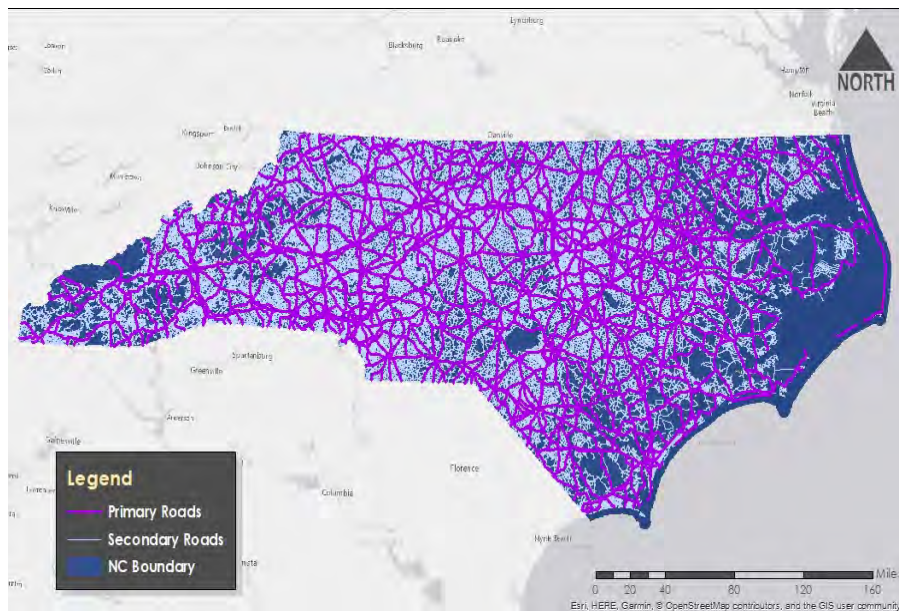
# PM2 – Pavement and Bridge Condition Performance Measures



# PM3 – Reliability and CMAQ Performance Measures



# NC Maintained vs NHS Inventory



Route Class	Total System	NHS Only
	Lane-miles	Lane-miles
Interstate	6,684.1	6,677.0
Primary	35,191.7	14,221.1
Secondary	124,126.3	699.5
<b>Total</b>	<b>166,002.1</b>	<b>21,597.6</b>

Source: NCDOT Draft TAMP, 2022. Table 2-1.



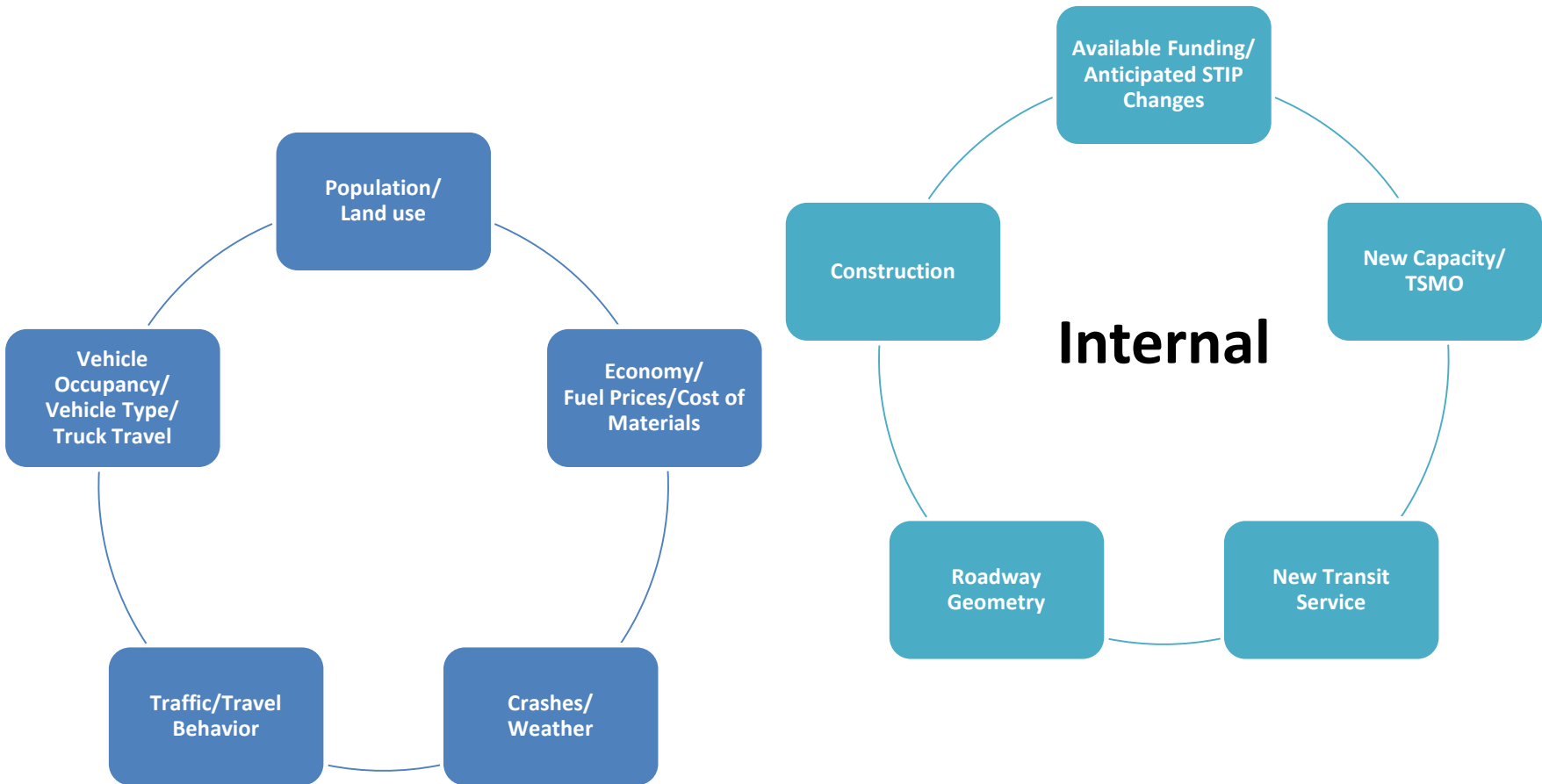
# PM2 – NHS Bridges

System	# of NHS Bridges & Culverts	Deck Area (Sq. Foot)
Interstate	1,415	21,789,834
Primary	2,291	33,353,612
Secondary	104	1,079,745
Local GOV	29	254,247
<b>Total</b>	<b>3,839</b>	<b>56,477,438</b>

Source: NCDOT Draft TAMP, 2022. Table 2-3.



# Factors Influencing Performance





# Covid/Post-Covid Target Setting

## What will performance look like in 2023 and 2025?

- New travel patterns vs. return to pre-2020 equilibrium
- Effects of hybrid and remote work
- Changes in carpooling and transit use
- Economic conditions and fuel prices
- Changes to the STIP due to cost increases





# Rationale for 2023 and 2025 Targets

Population and VMT  
will continue to grow

Project cost  
increases/inflation

STIP and TIP projects  
unlikely to  
significantly change  
trends

IIJA funding increases  
and opportunities

Maintain conservative  
and balanced stance  
given unknowns

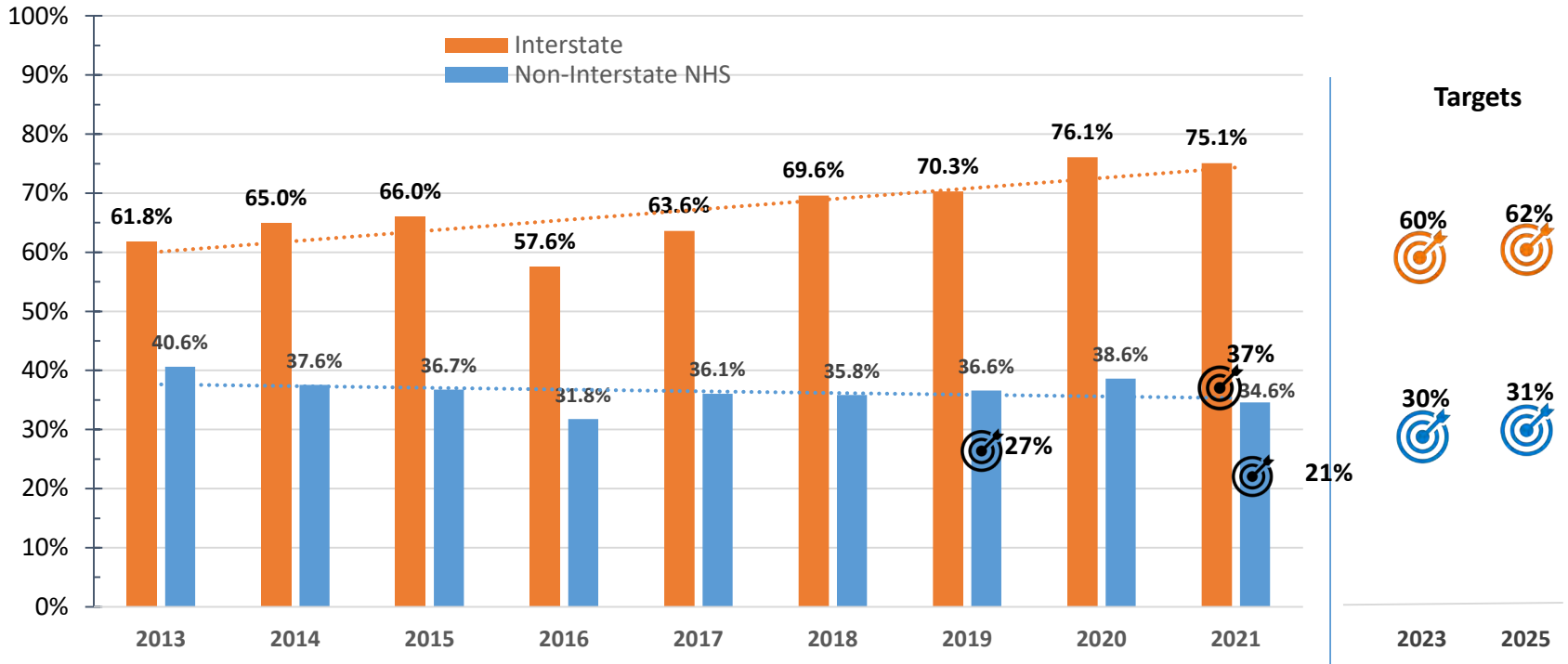
Opportunity to assess  
performance at the  
midpoint and adjust  
4-year targets



# PM2 Pavement in Good Condition

Higher number = better performance

✓ 2019 and 2021 targets were met



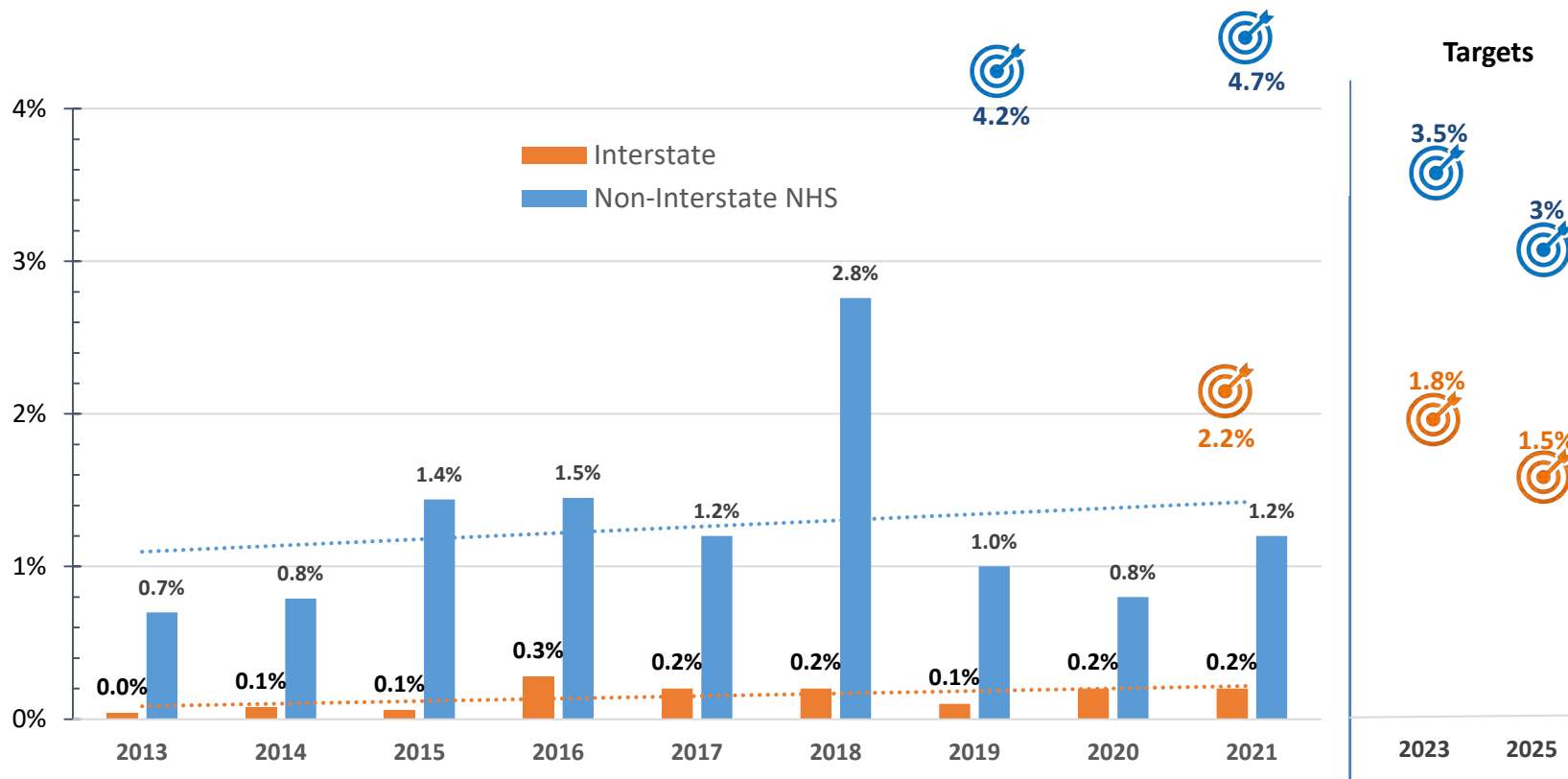




# PM2 Pavement in Poor Condition

Lower number = better performance

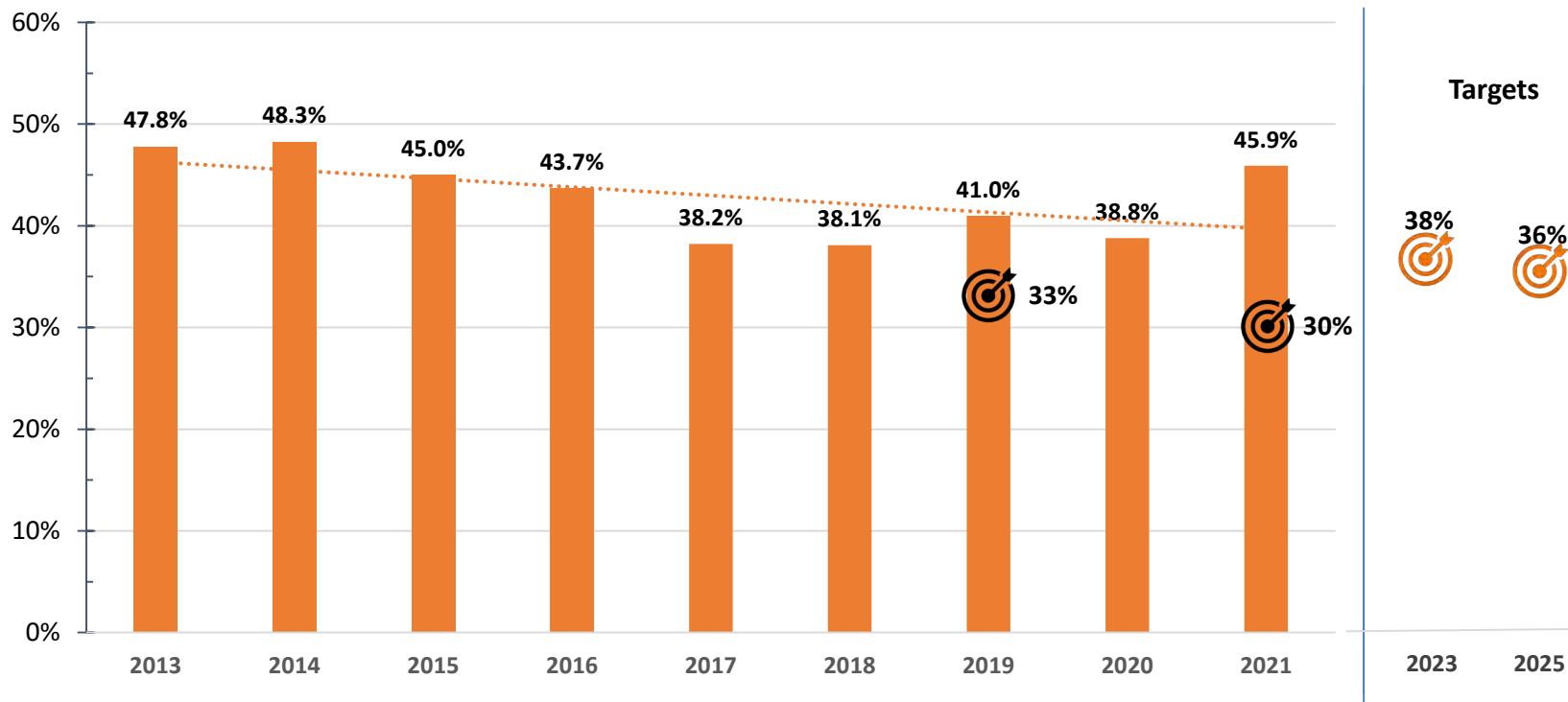
✓ 2019 and 2021 targets were met





# PM2 Bridges – Good Condition

✓ 2019 and 2021 targets met

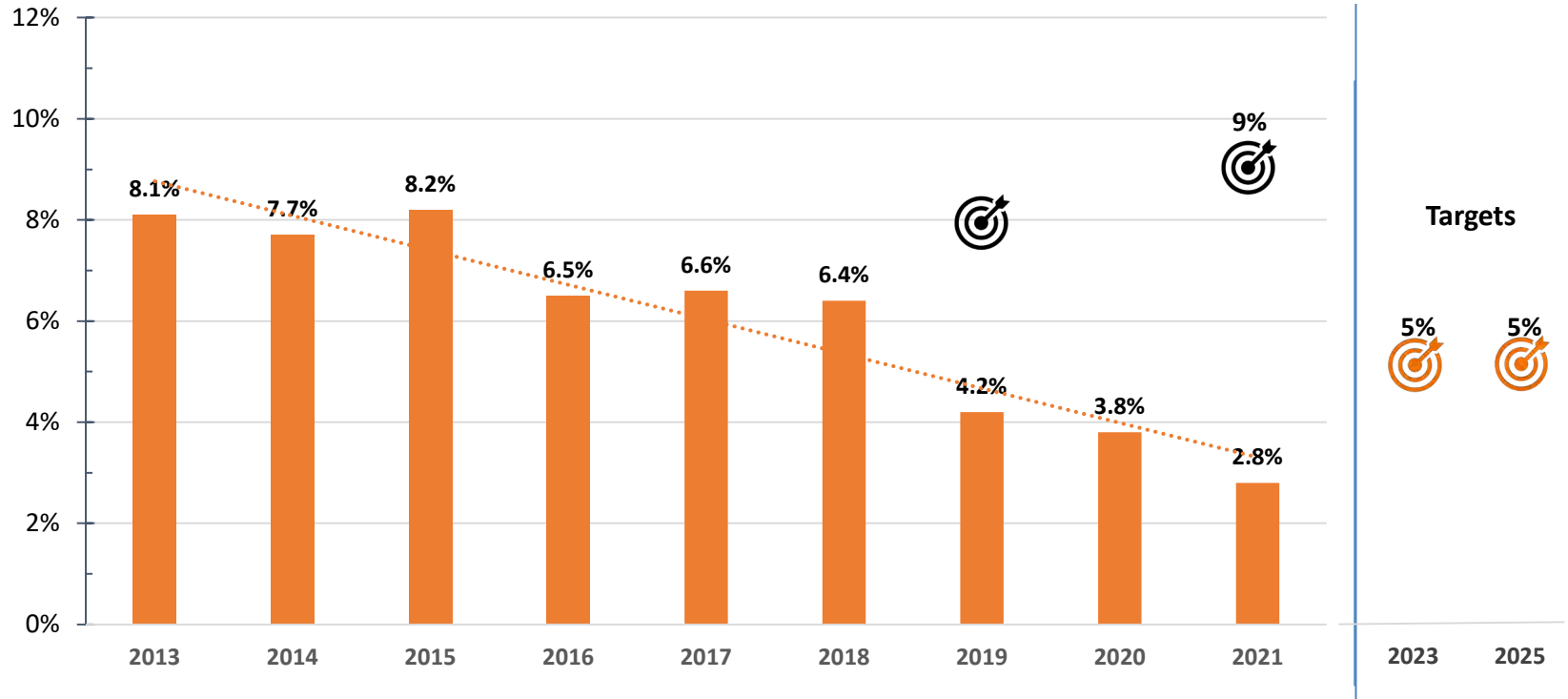




# PM2 Bridges – Poor Condition

- Percent NHS bridge deck area in poor condition
- Lower number = better performance

✓ 2019 and 2021 targets met



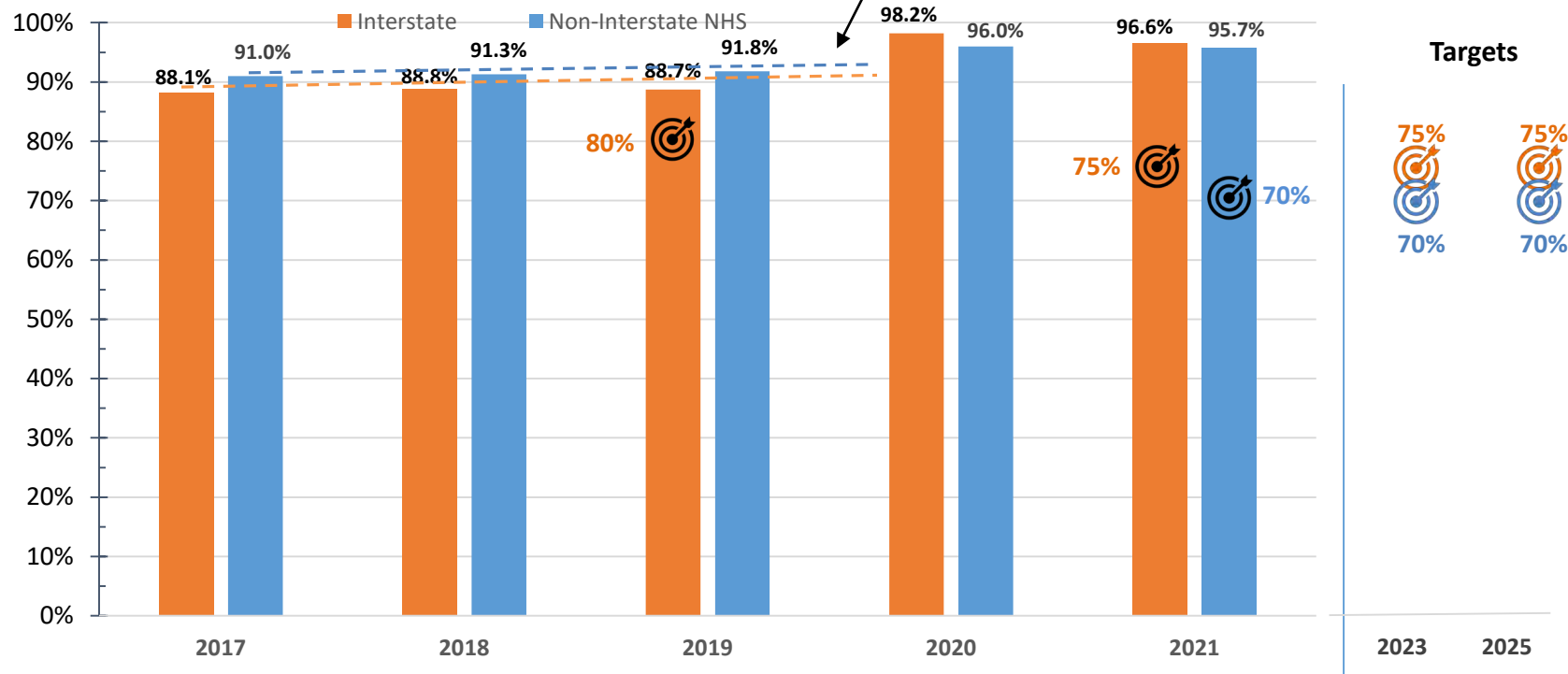


# PM3 Travel Time Reliability

- Percent of person-miles traveled on the Interstate that are reliable
- Percent of person-miles traveled on the non-Interstate NHS that are reliable
- Higher number = better performance

✓ **2019 and 2021 targets met**

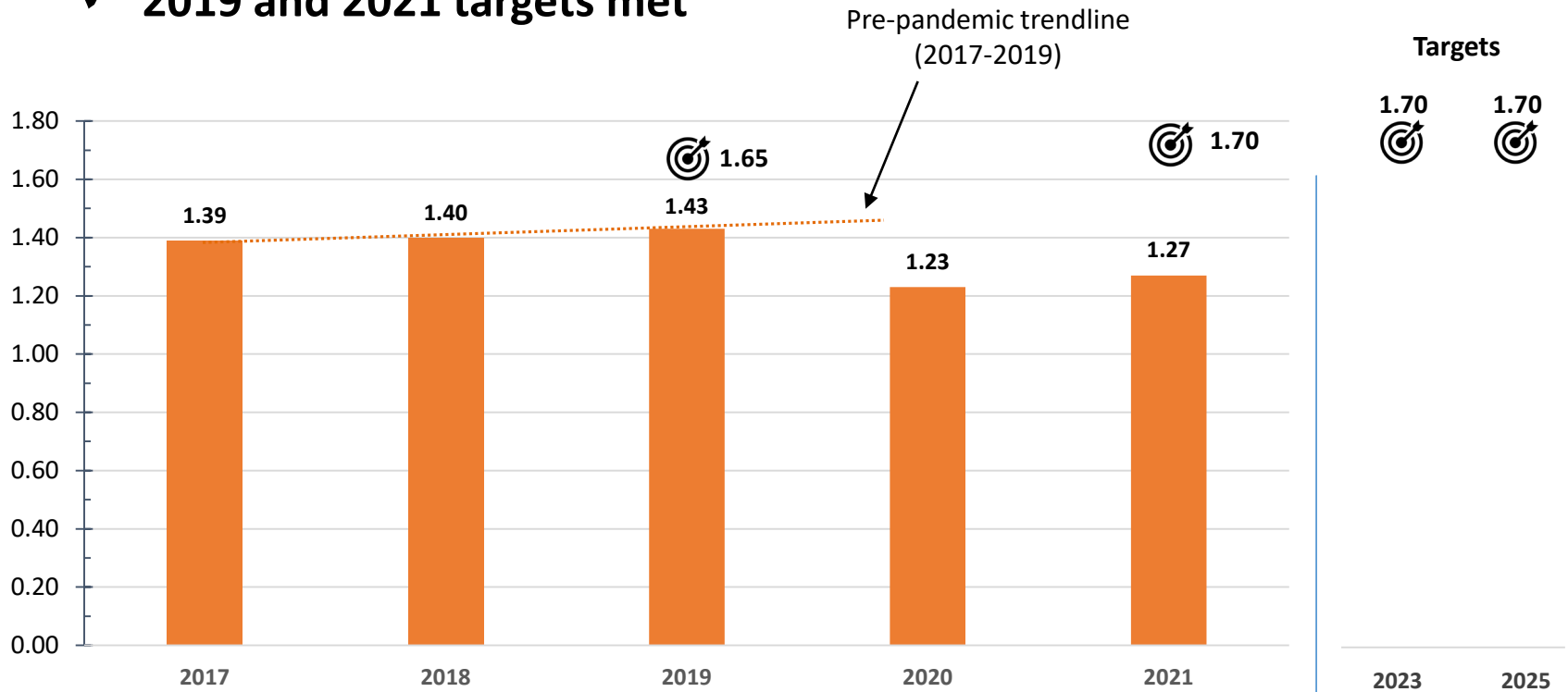
Pre-pandemic trendlines (2017-2019)





- Interstate only
- Lower number = better performance

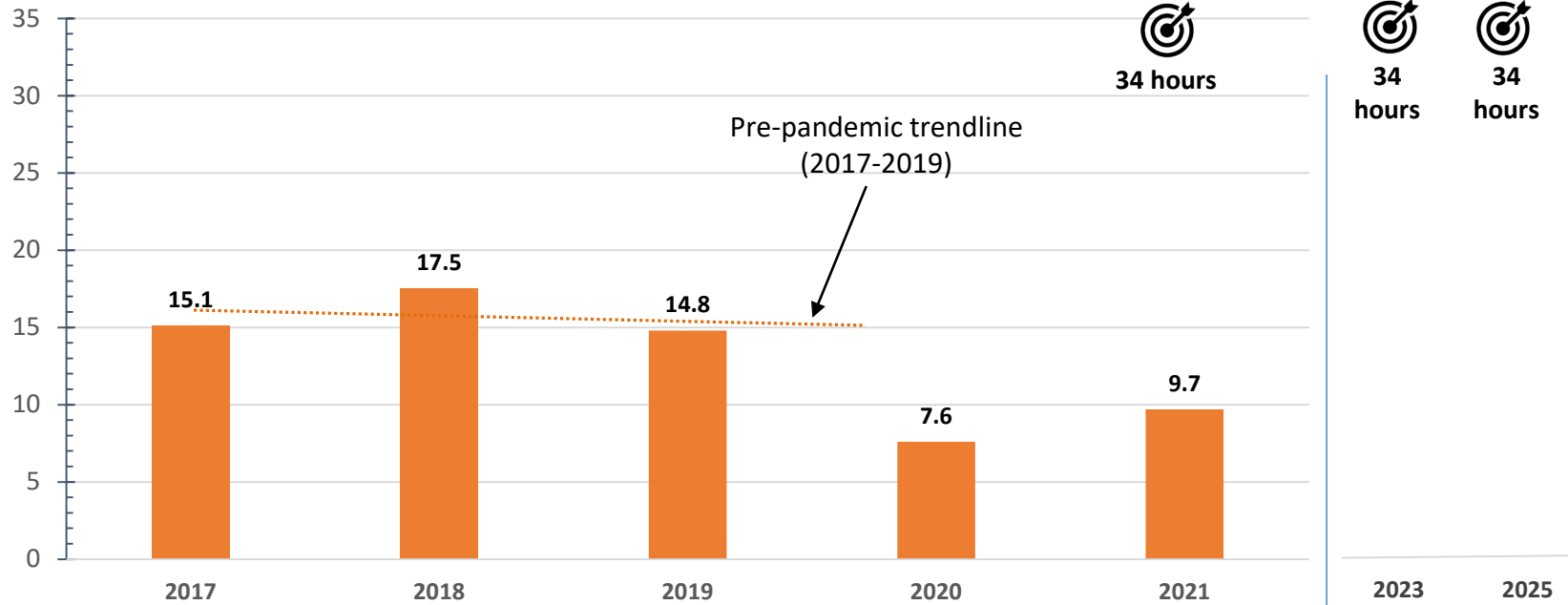
✓ **2019 and 2021 targets met**





# PM3 Peak Hour Excessive Delay (PHED) Charlotte Urbanized Area

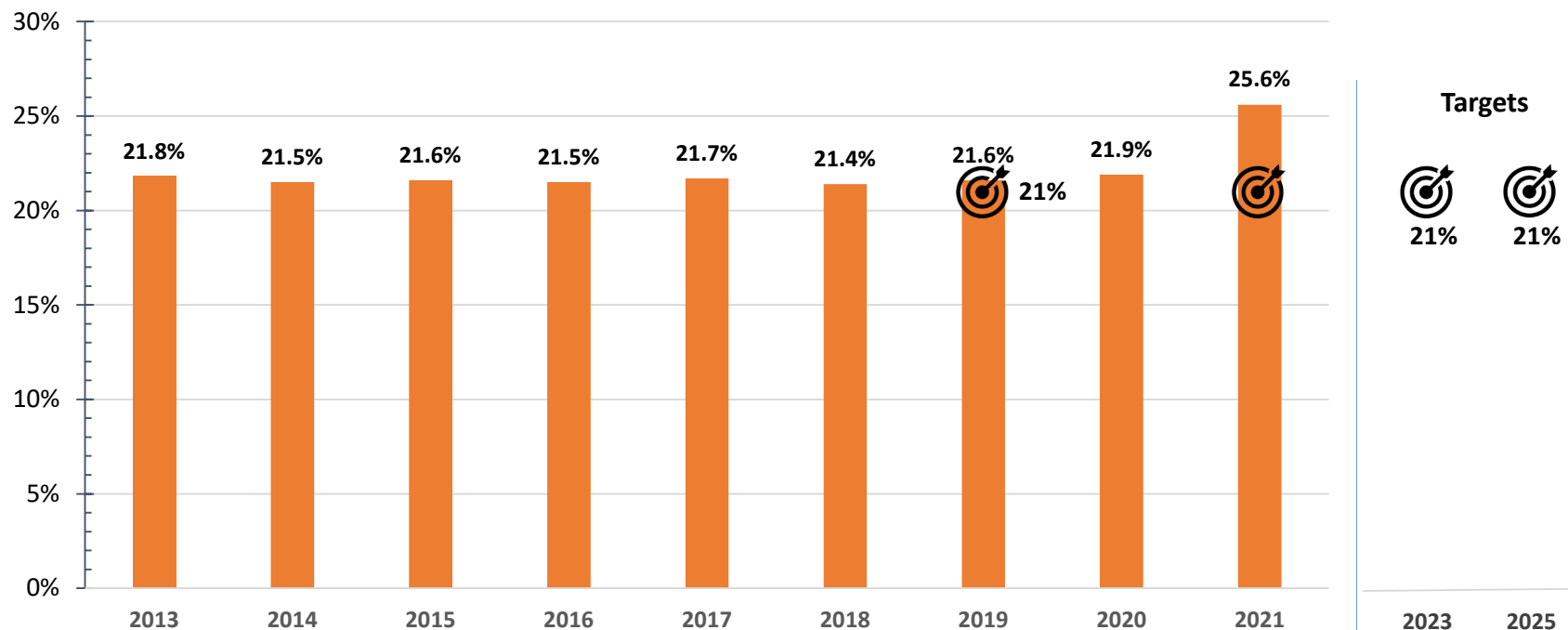
✓ 2021 target met  
(2019 target not required)





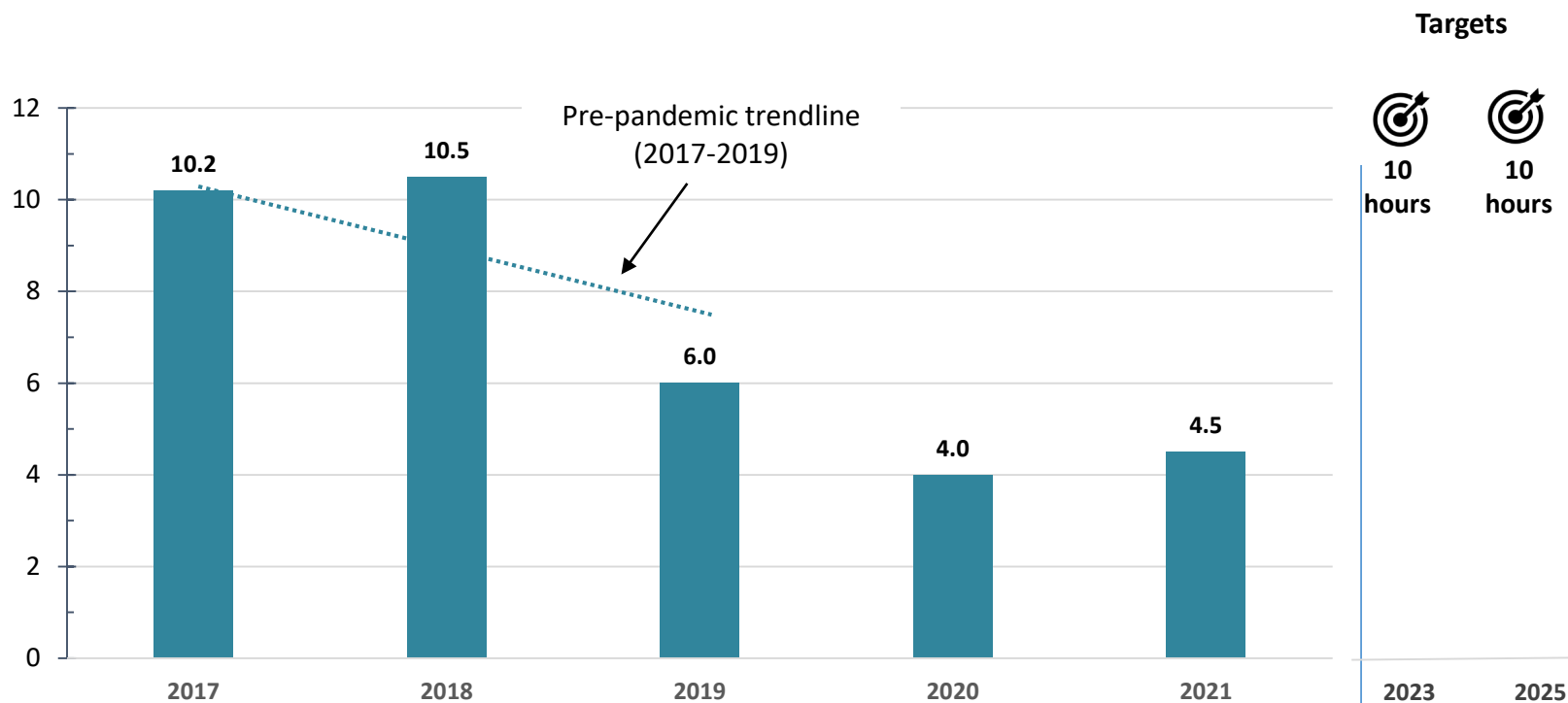
# PM3 Percent Non-SOV Travel – Charlotte Urbanized Area

✓ 2019 and 2021 targets met





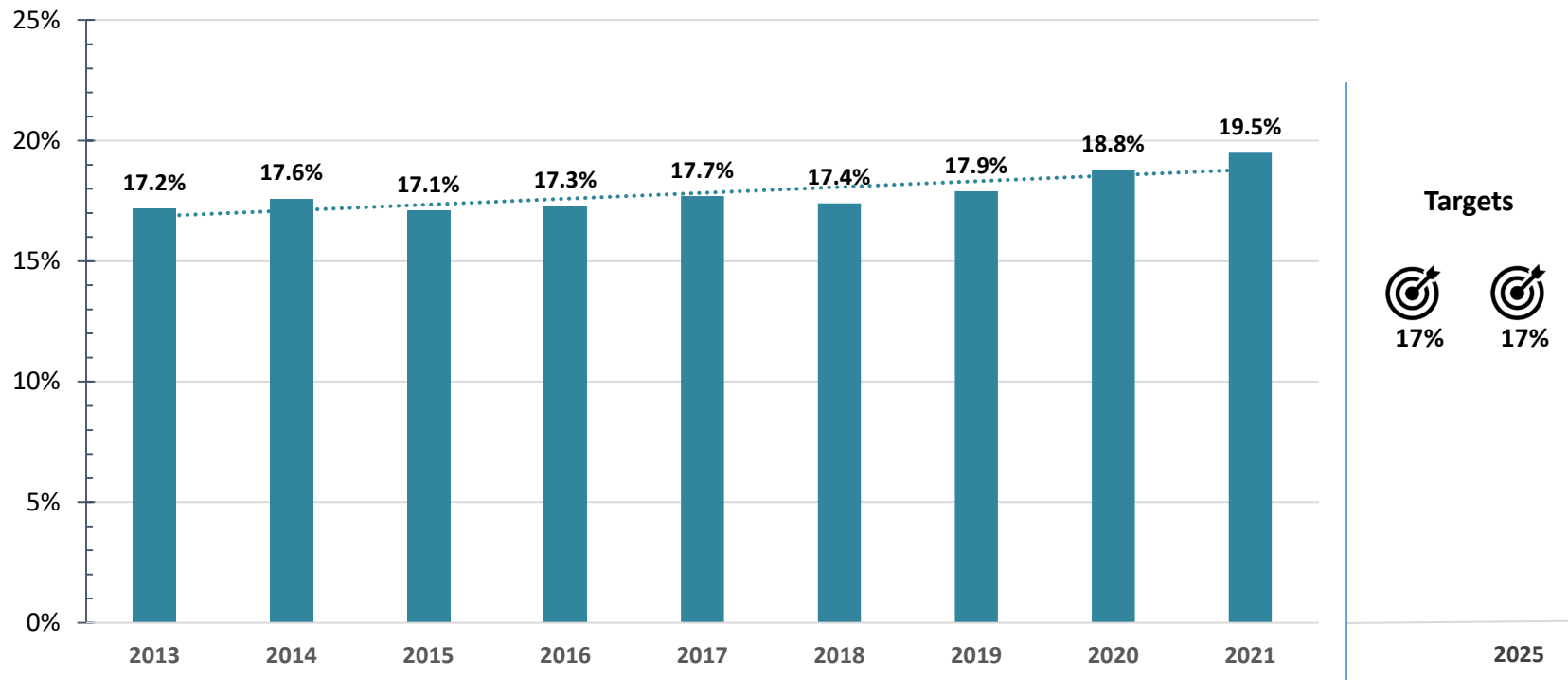
# PM3 Peak Hour Excessive Delay (PHED) Concord Urbanized Area







# PM3 Percent Non-SOV Travel Concord Urbanized Area





# PM3 CMAQ Emissions Reductions

- Total emissions reductions from CMAQ projects (kg/day)

Baseline (2014-2017)	2018-2019 Actual	2020-2021 Actual	2019 Target	2021 Target	2023 Target	2025 Target
VOC 11.135	VOC 133.747	VOC 90.606	VOC ≤ 0.252	VOC ≤ 0.504	VOC ≤ 0.557	VOC ≤ 1.114
NOx 32.907	NOx 429.415	NOx 245.308	NOx ≤ 2.360	NOx ≤ 4.720	NOx ≤ 2.229	NOx ≤ 4.458

All emissions are in kg/day

**#5 (3/15/23)**

**Resolution Finding the Cabarrus-Rowan Urban Area 2050 Metropolitan Transportation Plan and the 2024-2027 Transportation Improvement Program in Compliance with the Provisions of the Clean Air Act Amendments of 1990 and 23 U.S.C. 134**

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

**WHEREAS**, the Transportation Advisory Committee is the duly recognized decision making body of the 3-C transportation planning process for the Cabarrus-Rowan Urban Area; and

**WHEREAS**, the Cabarrus-Rowan 2050 Metropolitan Transportation Plan meets the planning requirements of 23 CFR Part 450.322; and

**WHEREAS**, the FY 2024 2027 Transportation Improvement Program is a direct subset of the 2050 Metropolitan Transportation plan; and

**WHEREAS**, the United States Environmental Protection Agency (USEPA) designated Cabarrus-Rowan Urban Area as a marginal nonattainment area for the 2008 ozone standard effective on July 20, 2012, and due to improved air quality in the region was re-designated as a maintenance area on August 27, 2015; and

**WHEREAS**, the transportation conformity analysis of the Cabarrus-Rowan 2050 Metropolitan transportation plan is based on the most recent estimates of population, employment, travel, and congestion; and

**WHEREAS**, the Cabarrus-Rowan 2050 Metropolitan Transportation Plan and the FY 2024-2027 Transportation Improvement Program are financially constrained; and

**WHEREAS**, there are no transportation control measures in the North Carolina State Implementation Plan (SIP) that pertain to the Cabarrus-Rowan area; and

**WHEREAS**, the most recent vehicle emissions model was used to prepare the quantitative emissions analysis; and

**WHEREAS**, those projects and programs included in the Cabarrus-Rowan 2050 Metropolitan Transportation Plan and the FY 2024-2027 Transportation Improvement Program contribute to annual emissions reductions as shown by the quantitative emissions analysis.

**NOW, THEREFORE BE IT RESOLVED**, that the Cabarrus-Rowan Transportation Advisory Committee finds that the Cabarrus-Rowan 2050 Metropolitan Transportation Plan and FY 2024-2027 Transportation Improvement Program conform to the purpose of the North Carolina State Implementation Plan in accordance with Clean Air Act as Amended (CAAA), and the 23 U.S.C. 134.

I, Ryan Dayvault, Transportation Advisory Committee Chair, do hereby certify that the above is a true and correct copy from the excerpt from the minutes of a meeting of the Cabarrus-Rowan Transportation Advisory Committee, duly held on the 22nd day of March, 2023.

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Signature of the TAC Chair  
Cabarrus-Rowan Urban Area

**RESOLUTION ADOPTING THE FY 2024-2027 CABARRUS-ROWAN MPO METROPOLITAN TRANSPORTATION IMPROVEMENT PROGRAM (MTIP)**

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

**WHEREAS**, the Transportation Advisory Committee has found that the Metropolitan Planning Organization is conducting transportation planning in a continuous, cooperative, and comprehensive manner in accordance with 23 CFR Part 450.322; and

**WHEREAS**, The Metropolitan Transportation Improvement Program (MTIP) is a staged multiple year listing of all 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**, 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 Cabarrus-Rowan MPO FY 2024-2027 Metropolitan Transportation Improvement Program (MTIP) is a direct subset of the currently conforming 2050 Metropolitan Transportation Plan as adopted March 23, 2022, which means that no changes in scope, timing, number of travel lanes, or design have occurred; and

**WHEREAS**, the following attached amendment has been proposed; 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 for maintaining the National Ambient Air Quality Standards in accordance with 40 CFR 51 & 93; and

**WHEREAS**, the Transportation Advisory Committee has provided for a public comment period for the Metropolitan Transportation Improvement Program Amendment consistent with the MPO TIP Public Involvement Policy; and

**NOW THEREFORE**, be it resolved by the Cabarrus-Rowan Urban Area Transportation Advisory Committee that the FY 2024-2027 Metropolitan Transportation Improvement Program dated March 23, 2022, for the Cabarrus Rowan Urban Area Metropolitan Planning Organization be adopted on this the 22<sup>nd</sup> day of March, 2023.

I, Ryan Dayvault, Transportation Advisory Committee Chair, do hereby certify that the above is a true and correct copy from the excerpt from the minutes of a meeting of the Cabarrus-Rowan Transportation Advisory Committee, duly held on the 22<sup>nd</sup> day of March, 2023.

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Signature of the TAC Chair  
Cabarrus-Rowan Urban Area

**\*\*DRAFT\*\***

**Conformity Analysis and Determination Report for the  
Metrolina Area:**

**Cabarrus-Rowan MPO  
Charlotte Regional Transportation Planning Organization  
Gaston-Cleveland-Lincoln MPO**

**2024-2033 Transportation Improvement Program**

**2050 Metropolitan Transportation Plan**

**Projects from the 2024-2033 State Transportation Improvement  
Program for the Donut Area in  
Union County**

*(2008 8-hour Ozone)*

*(1997 8-hour Ozone)*

*February 10, 2023*

Prepared by:

NC Department of Transportation in coordination with:

The Cabarrus-Rowan Metropolitan Planning Organization,  
The Gaston-Cleveland-Lincoln Metropolitan Planning Organization,  
The Charlotte Regional Transportation Planning Organization,  
The Rocky River Rural Planning Organization

The North Carolina Department of Environmental Quality  
Division of Air Quality

## Contact Information

Additional information about the content of this report or about transportation conformity can be obtained from:

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Raleigh, NC 27699-1554  
Phone Number: 919-707-0970  
Email: [mreatman@ncdot.gov](mailto:mreatman@ncdot.gov)

Additional copies of this report can be obtained from the following websites:  
[www.crmppo.org](http://www.crmppo.org), [gclmpo.org](http://gclmpo.org) and [www.crtppo.org](http://www.crtppo.org).

## **1.0 Introduction**

The concept of transportation conformity was introduced in the Clean Air Act (CAA) of 1977, which included a provision to ensure that transportation investments conform to a State implementation plan (SIP) for meeting the Federal air quality standards. Conformity requirements were made substantially more rigorous in the CAA Amendments of 1990. The transportation conformity regulations that detail implementation of the CAA requirements were first issued in November 1993, and have been amended several times. The regulations establish the criteria and procedures for transportation agencies to demonstrate that air pollutant emissions from metropolitan transportation plans, transportation improvement programs and projects are consistent with (“conform to”) the state’s air quality goals in the SIP. This document has been prepared for state and local officials who are involved in decision making on transportation investments.

Transportation conformity is required under CAA Section 176(c) to ensure that Federally supported transportation activities are consistent with (“conform to”) the purpose of a state’s SIP. Transportation conformity establishes the framework for improving air quality to protect public health and the environment. Conformity to the purpose of the SIP means Federal Highway Administration (FHWA) and Federal Transit Administration (FTA) funding and approvals are given to highway and transit activities that will not cause new air quality violations, worsen existing air quality violations, or delay timely attainment of the relevant air quality standard, or any interim milestone.

In 1997, the national ambient air quality standard (NAAQS) for ozone was reviewed and revised to reflect improved scientific understanding of the health impacts of this pollutant. When the standard was revised in 1997, an 8-hour ozone standard was established that was designed to replace the 1-hour standard. The US Environmental Protection Agency (USEPA) designated the Metrolina Area as moderate non-attainment for ozone under the 8-hour standard with an effective date of June 15, 2004. The designation covered the following geographic areas:

- Cabarrus County
- Gaston County
- Lincoln County
- Mecklenburg County
- Rowan County
- Union County
- Coddle Creek and Davidson Townships in Iredell County

On March 28, 2013, the North Carolina Division of Air Quality (NCDAQ) submitted the final *"Supplement for Redesignation Demonstration and Maintenance Plan for the Charlotte-Gastonia-Rock Hill, NC-SC 1997 8-hour Ozone Nonattainment Area"* to the USEPA. The supplement documents the Metrolina Area attaining the 1997 8-hour ozone NAAQS and fulfilling the requirements of Section 175A(b) of the Federal Clean Air Act as amended. The USEPA took final

action on December 2, 2013 to redesignate the Metrolina Area to attainment for the 1997 8-hour ozone NAAQS with an effective date of January 2, 2014.

On May 27, 2008, the USEPA once again revised the ozone NAAQS to provide increased protection of public health and welfare especially for children and “at risk” populations. As a result of the new ozone NAAQS, the Metrolina Area was designated by the USEPA as marginal nonattainment for the 2008 8-hour ozone NAAQS on May 21, 2012. The designated area for the 2008 8-hour ozone NAAQS include,

- Central Cabarrus, Concord, Georgeville, Harrisburg, Kannapolis, Midland, Mount Pleasant, Odell, Poplar Tent, New Gilead and Rimertown Townships in Cabarrus County
- Dallas, Crowders Mountain, Gastonia, Riverbend and South Point Townships in Gaston County
- Coddle Creek and Davidson Townships in Iredell County
- Catawba Springs, Lincolnton and Ironton Townships in Lincoln County
- Mecklenburg County
- Atwell, China Grove, Franklin, Gold Hill, Litaker, Locke, Providence, Salisbury, Steele and Unity Townships in Rowan County
- Goose Creek, Marshville, Monroe, Sandy Ridge and Vance Townships in Union County.

The NCDAQ submitted the *"Redesignation Demonstration and Maintenance Plan for the Charlotte-Gastonia-Salisbury, North Carolina 2008 8-Hour Ozone Marginal Nonattainment Area"* to the USEPA on April 16, 2015. In the redesignation demonstration and maintenance plan, the maintenance demonstration was estimated using a Reid vapor pressure (RVP) of 7.8 psi. On May 21, 2015, the USEPA proposed to determine the Metrolina Area was attaining the 2008 8-hour ozone standard, approve the 2014 and 2026 motor vehicle emissions budgets (MVEBs) and redesignate the Metrolina Area to attainment for the 2008 8-hour ozone standard. The USEPA approval and final rule redesignating the Metrolina Area from nonattainment to attainment was signed on July 17, 2015.

On April 16, 2015, the NCDAQ also submitted to the USEPA the *"Clean Air Act Section 110(l) Non-Interference Demonstration to Support the Gasoline Reid Vapor Pressure (RVP) Standard Relaxation in Gaston and Mecklenburg Counties"* (RVP-related SIP). The RVP-related SIP requested the USEPA to change the Federal requirement Reid vapor pressure (RVP) in Gaston and Mecklenburg Counties from 7.8 psi to 9.0 psi. The RVP-related SIP also included updated motor vehicle emissions budgets that incorporated the RVP changes to Gaston and Mecklenburg Counties. In a final rule on July 28, 2015, the USEPA took action in support of the RVP-related SIP revision noninterference demonstration by determining that the changes to the RVP in Mecklenburg and Gaston Counties will not interfere with attainment or maintenance of any NAAQS or with any other applicable provisions of the Clean Air Act.

On May 4, 2017, the North Carolina legislative act signed by Gov. Cooper changed the state's inspection and maintenance (I/M) requirements for the 22 counties subject to the state's expanded I/M program. As a result, the NCDAQ submitted a SIP revision via a letter dated July 25, 2018 to the USEPA to support the state's request to change the vehicle model year coverage for the 22 counties subject to the expanded I/M program. The NCDAQ's SIP revision also included updates



to the Metrolina maintenance plan and associated MVEBs used for transportation conformity. On May 20, 2019, the USEPA proposed to find that the change in the vehicle model year coverage for the 22 counties subject to the expanded I/M program meets the requirements of the CAA section 110(l) and will not interfere with attainment or maintenance of any NAAQS in North Carolina. The USEPA took final action on September 11, 2019 to approve that North Carolina's SIP revision to the vehicle model year coverage for the 22 counties will not interfere with continued attainment or maintenance of any applicable NAAQS and approve the updated emissions for the 2008 8-hour ozone maintenance plan, including the updated MVEBs for the Charlotte 2008 Ozone Maintenance Area. This rule became effective on October 11, 2019. On August 25, 2021, the USEPA took final action to approve a SIP revision allocating a portion of the available safety margin to revised the 2026 MVEB's used for transportation conformity. All of the USEPA's federal register notices are in Appendix A.

*South Coast Air Quality Mgmt. District v. EPA ("South Coast II")*

On February 16, 2018, the United States Court of Appeals for the District of Columbia Circuit in *South Coast Air Quality Mgmt. District v. EPA* ("South Coast II," 882 F.3d 1138) held that transportation conformity determinations must be made in areas that were either nonattainment or maintenance for the 1997 ozone NAAQS and attainment for the 2008 ozone NAAQS when the 1997 ozone NAAQS was revoked. These conformity determinations are required in these areas after February 16, 2019. As previously stated, a portion of the Metrolina Area was designated attainment with a maintenance plan for the 2008 ozone NAAQS with an effective date of July 28, 2015. Therefore, per the *South Coast II* decision, this conformity determination is being made for that partial portion of the 1997 8-hour ozone NAAQS.

For the 1997 8-hour ozone NAAQS areas, transportation conformity for metropolitan transportation plans (MTPs) and state transportation improvement program (TIP) for the 1997 8-hour ozone NAAQS can be demonstrated without a regional emissions analysis, per 40 CFR 93.109(c). This provision states that the regional emissions analysis requirement applies one year after the effective date of the USEPA's nonattainment designation for a NAAQS and until the effective date of revocation of such NAAQS for an area. The 1997 8-hour ozone NAAQS revocation was effective on April 6, 2015, and the *South Coast II* court upheld the revocation. As no regional emission analysis is required for this conformity determination, there is no requirement to use the latest emissions model, except to address transportation control measures (TCMs), or budget or interim emissions tests for the 1997 8-hour ozone NAAQS. There are no TCMs in the Metrolina SIP.

Therefore, transportation conformity for the 1997 8-hour ozone NAAQS for the Metrolina Area [Cabarrus-Rowan Metropolitan Planning Organization (CRMPO), Gaston-Cleveland-Lincoln Metropolitan Planning Organization (GCLMPO), and Charlotte Regional Transportation Planning Organization (CRTPO)] and NC Department of Transportation (NCDOT) FY 2020 – 2029 Transportation Improvement Program can be demonstrated by showing the remaining requirements in Table 1 in 40 CFR 93.109 have been met.

These requirements, which are laid out in Section 2.4 of the USEPA's November 2018 Guidance

and are addressed in the remainder of the document and includes:

- Latest planning assumptions (93.110)
- Consultation (93.112)
- Transportation Control Measures (93.113)
- Fiscal constraint (93.108)

The purpose of this report is to document compliance with the provisions of the Clean Air Act Amendments of 1990 (CAAA), the Moving Ahead for Progress in the 21st Century Act (MAP-21) and the Bipartisan Infrastructure Bill (BIL). The conformity determination for the FY 2024-2033 Transportation Improvement Program is based primarily on a regional emissions analysis that utilized the transportation networks in adopted and conforming 2050 Metropolitan Transportation Plans and the resulting emissions modeled by the North Carolina Division of Air Quality. The Conformity Determination Report (CDR) for the 2023-2033 STIP update is available on the following websites:

- Cabarrus-Rowan MPO:  
<http://crmpo.org/Plans/Transportation-Conformity>
- Gaston-Cleveland-Lincoln MPO:  
<https://gclmpo.org/plans-programs-and-studies/long-range-planning/>
- Charlotte Regional TPO:  
<https://www.crtpo.org/metropolitan-transportation-plan-1>

The FY 2024-2033 TIPs for the Metrolina Area contain a number of project changes which should be included in the 2050 MTP and Transportation Conformity Determination for the Metrolina Area. This conformity determination for the Metrolina area includes a new regional emissions analysis that ensures that the FY 2024-2033 TIPs are direct subsets of the 2050 MTPs.

The MPOs and the NCDOT are required by 23 CFR Parts 450 and 500 and 40 CFR Parts 51 and 93 to make a conformity determination on any newly adopted or fiscally-constrained MTPs and TIPs. The intent of this report is to document the transportation conformity determination for the FY 2024-2033 TIPs for the Metrolina Area and projects from the FY 2024-2033 State TIP for the donut area in Union County. In addition, the United States Department of Transportation (USDOT), specifically, the Federal Highway Administration (FHWA) must make a conformity determination on the MTPs and TIPs in all non-attainment and maintenance areas. The Metrolina Area is maintenance for the 2008 8-hour ozone.

Transportation Conformity Determinations for the 2050 MTP and 2024-2033 STIP for the Metrolina Area were approved as follows:

- Cabarrus-Rowan MPO: March XX, 2023
- Gaston-Cleveland-Lincoln MPO: March XX, 2023
- Charlotte Regional Transportation Planning Organization: March XX, 2023

- The North Carolina Department of Transportation (NCDOT) (for the donut portion in Union County in the Metrolina Ozone Maintenance Area): **April XX, 2023**

By these actions, the MPOs and NCDOT demonstrated that the 2050 MTPs are consistent with Section 176(c) of the Clean Air Act, the State Implementation Plan, MAP-21, and 40 CFR Parts 51 and 93. These conformity demonstrations were documented by the MPOs and NCDOT in this report. This report includes the regional emissions analysis comparison prepared for the 2050 MTPs demonstrating that emissions in each of the analysis years of the MTP (2025, 2035, 2045, and 2050) are less than the motor vehicle emissions budgets established by the attainment demonstration and maintenance plan SIP in accordance with 40 CFR Part 93 and approved by the USEPA. (See Appendix A for details on MVEBs in the SIP.)

### **Metropolitan Transportation Plans**

As noted above, the 2050 MTPs include the timing of regionally significant projects included in the FY 2024-2033 TIP for the Metrolina Area. A new regional emissions analysis was conducted for this transportation conformity determination to reflect the appropriate horizon year for these regionally significant projects. As agreed upon by the interagency consultation partners, the regional emissions analysis work for this process began on August 16, 2022 and was completed on January 24, 2023. Details related to the interagency consultation associated with this conformity determination can be found in Appendix C.

Non-exempt projects in the 2050 MTPs are required to be part of travel demand model assumptions for the appropriate analysis year. All projects are included in the travel model assumptions for the appropriate horizon year. The 2050 MTPs provide an opportunity to incorporate the most current cost estimates as required in the fiscal constraint requirements. This conformity analysis will focus on the regionally significant 2050 MTP projects presented in Appendix D as reviewed by the Interagency partners on October 25, 2022. There were no regional significant projects in the Donut area.

### **FISCAL CONSTRAINT DETERMINATION**

As part of the federal transportation planning requirements 23 CFR Parts 450 and 500 for MTPs, the costs of implementing transportation programs and projects included in MTPs are compared with the funding expected to be available. These MTPs' financial analyses were developed in response to the requirements for "financially-constrained plans".

These MTPs consider capital costs and operation and maintenance (O&M) costs associated with the preservation and continued operation of the existing transportation system, as well as the costs associated with the recommended expansion of the transportation networks included in the MTPs. The MTPs also describe revenues from all sources that will be available to pay for capital and O&M costs. Each MTP describes in detail its own financing plan.

## **2.0 Relationship of the MTP and TIP**

In accordance with 40 CFR Parts 51 and 93, the TIP is a direct subset of the MTP if the following conditions are met:

- The TIP is consistent with the conforming MTP such that the regional emissions analysis performed on the MTP applies to the TIP;
- The TIP contains all projects which must be started in the TIP's timeframe to implement the highway and transit system envisioned by the MTP in each of its horizon years;
- All federally funded TIP projects which are regionally significant are part of the specific highway or transit system envisioned in the MTP horizon years; and
- The design concept and scope of each regionally significant project identified in the TIP is not significantly different from that described in the MTP.
- The number of travel lanes of each regionally significant project identified in the TIP is not significantly different from that described in the MTP.

This report documents that the TIPs for FY 2024-2033 are a direct subset of the 2050 MTPs for the Cabarrus-Rowan MPO, the Gaston-Cleveland-Lincoln MPO, the Charlotte Regional Transportation Planning Organization and the projects from the donut area in Union County is the responsibility of the North Carolina Department of Transportation. The 2050 MTPs for these areas are fiscally-constrained and are consistent with 23 CFR Part 450 Subpart C. This conformity determination is based on the most recent estimates of the emissions and the most recent planning assumptions (including population, employment, travel and congestion estimates available) as determined by the appropriate MPOs and NCDOT. It has been demonstrated in the Conformity Determination Report that the 2050 MTPs conform to the provisions of the CAAA of 1990, MAP-2, and BIL. Also, the 2050 MTPs conform to the purpose of the TIP in accordance with 40 CFR Part 93.

## **3.0 Latest Planning Assumptions**

The planning assumptions used to develop the Conformity Determination Report for the 2008 8-hour ozone NAAQS are the latest planning assumptions in the 2050 MTP that were approved by the respective MPOs and NCDOT. Estimates of future population and employment are less than five years old. The vehicle age distribution and fleet mix distributions used as input to the emission model were based on the current data from North Carolina Division of Motor Vehicles. This data is also less than five years old. The planning assumptions are outlined in the pre-consensus plan in Appendix C.

## **4.0 Transportation Control Measures**

As mentioned before, there are no TCMs in the Metrolina SIP.

## **5.0 Interagency Consultation**

The FY 2024-2033 TIP conformity has undergone interagency consultation as required in the North Carolina Administrative Code Title 15A Subpart 02D .0201-.0203 inclusive. An Interagency consultation meeting involving the MPOs, NCDOT, NCDAQ, FHWA and USEPA-Region 4 was held on August 16, 2022. A summary of issues raised and responses, along with any written agency comments, are provided in Appendix I.

## **6.0 Public Involvement**

The FY 2024-2033 TIP and 2050 MTP were reviewed by the public in accordance with the Public Involvement Policies of the Cabarrus-Rowan MPO, the Gaston-Cleveland-Lincoln MPO, the Charlotte Regional Transportation Planning Organization and the NCDOT. This report was also made available for public review by the Rocky River Rural Planning Organization (RRRPO). Copies of citizen comments and agency responses to them are attached to this report in Appendix I. The newspaper advertisements for public review and comment period are attached to this report in Appendix J.

## **7.0 Regional Emissions Analysis Approach**

The regional emissions analysis (REA) was conducted using the 2008 8-hour ozone Maintenance Plan (9.0 psi RVP based) MVEBs published on August 25, 2021. The horizon years for this conformity determination are 2026, 2035, 2045, and 2050. The 2026 MVEB will be used for years 2026, 2035, 2045, and 2050.

### **Approved 2008 8-hour Ozone Maintenance SIP (kilograms/day) – (9.0 psi RVP)**

Cabarrus-Rowan MPO		
	<b>2014</b>	<b>2026</b>
<b>NOx</b>	11,814	4,903
<b>VOC</b>	7,173	4,888

Gaston Cleveland Lincoln MPO		
	<b>2014</b>	<b>2026</b>
<b>NOx</b>	10,079	3,768
<b>VOC</b>	5,916	3,472

Charlotte Regional TPO- Rocky River RPO		
	<b>2014</b>	<b>2026</b>
<b>NOx</b>	32,679	12,241
<b>VOC</b>	18,038	11,943

## **8.0 Emission Comparison Summary Tests by Location and Pollutants**

### **Ozone**

#### **Cabarrus-Rowan MPO Emissions 2008 8-hour ozone Maintenance Plan MVEB Comparison Summary (9.0 psi RVP)**

<b>CRMPO Emissions Comparison Summary (kilograms/day)</b>				
<b>Year</b>	<b>NOx</b>		<b>VOC</b>	
	<b>MTP Emissions</b>	<b>SIP Budget</b>	<b>MTP Emissions</b>	<b>SIP Budget</b>
2026	3,741	4,903	3,489	4,888
2035	1,959	4,903	2,412	4,888
2045	1,752	4,903	2,236	4,888
2050	1,800	4,903	2,257	4,888

#### **Gaston-Cleveland-Lincoln MPO Emissions 2008 8-hour ozone Maintenance Plan MVEB Comparison Summary (9.0 psi RVP)**

<b>GCLMPO Emissions Comparison Summary (kilograms/day)</b>				
<b>Year</b>	<b>NOx</b>		<b>VOC</b>	
	<b>MTP Emissions</b>	<b>SIP Budget</b>	<b>MTP Emissions</b>	<b>SIP Budget</b>
2026	2,979	3,768	2,690	3,472
2035	1,455	3,768	1,720	3,472
2045	1,238	3,768	1,489	3,472
2050	1,228	3,768	1,436	3,472

#### **CRTPO and RRRPO 2008 8-hour ozone Maintenance Plan MVEB Comparison Summary (9.0 psi RVP)**

<b>CRTPO and RRPO Emissions Comparison Summary (kilograms/day)</b>				
<b>Year</b>	<b>NOx</b>		<b>VOC</b>	
	<b>MTP Emissions</b>	<b>SIP Budget</b>	<b>MTP Emissions</b>	<b>SIP Budget</b>
2026	10,880	12,241	9,893	11,943
2035	6,911	12,241	7,515	11,943
2045	6,863	12,241	7,551	11,943
2050	7,200	12,241	7,899	11,943

The MOVES and Regional Emission Analysis files are provided in Appendix G.

## **9.0 Findings of Conformity**

### **Cabarrus-Rowan MPO Ozone Conformity Finding for the 2050 Metropolitan Transportation Plan and 2024-2033 Transportation Improvement Program**

Based on the analysis and consultation and involvement process described in this report, the Cabarrus-Rowan MPO 2050 Metropolitan Transportation Plan and 2024-2033 Transportation Improvement Program are found to conform to the purpose of the North Carolina SIP. The emissions expected from the implementation of the Cabarrus-Rowan MPO 2050 Metropolitan Transportation Plan and 2024-2033 Transportation Improvement Program are in conformity with the 2008 8-hour ozone standard.

### **Gaston-Cleveland-Lincoln MPO Ozone Conformity Finding for the 2050 Metropolitan Transportation Plan and 2024-2033 Transportation Improvement Program**

Based on the analysis and consultation and involvement process described in this report, the Gaston-Cleveland-Lincoln MPO 2050 Metropolitan Transportation Plan and 2024-2033 Transportation Improvement Program are found to conform to the purpose of the North Carolina SIP. The emissions expected from the implementation of the Gaston-Cleveland-Lincoln MPO 2050 Metropolitan Transportation Plan and 2024-2033 Transportation Improvement Program are in conformity with the 2008 8-hour ozone standard.

### **Charlotte Regional Transportation Planning Organization Ozone Conformity Finding for the 2050 Metropolitan Transportation Plan and 2024-2033 Transportation Improvement Program**

Based on the analysis and consultation and involvement process described in this report, the Charlotte Regional Transportation Planning Organization 2050 Metropolitan Transportation Plan and 2024-2033 Transportation Improvement Program are found to conform to the purpose of the North Carolina SIP. The emissions expected from the implementation of the Charlotte Regional Transportation Planning Organization 2050 Metropolitan Transportation Plan and 2024-2033 Transportation Improvement Program are in conformity with the 2008 8-hour ozone standard.

### **NCDOT Donut Area Conformity Finding for Projects from the 2024-2033 State Transportation Improvement Program**

Based on the analysis and consultation and involvement process described in this report, the projects from the 2024-2033 State Transportation Improvement Program for the donut area in Union County that is outside of the MPO boundary is found to conform to the purpose of the North Carolina State Implementation Plan. The emissions expected from the implementation of the projects from the 2024-2033 State Transportation Improvement Program are in conformity with the 2008 8-hour ozone standard.

The MPO/NCDOT conformity determinations and TIP/MTP adoptions are provided in Appendix J. The USDOT Conformity Determination Letter is provided in Appendix K.

FTA CODE	TASK CODE	TASK DESCRIPTION	MPO Planning and Admin - PL104			Safe and Accountable Transportation Options PL 104 set aside (Program Code)			Transit Planning - 5303				SECTION 5307				TIGER II		
			Local 20%	Federal 80%	TOTAL	Local	Federal 100%	Total	Local (10%)	State (10%)	Federal (80%)	Fund Total	Local	State	FTA 80%	5307 Total	Local	Federal	TIGER
	<b>II-A</b>	<b>Data and Planning Support</b>	\$ 17,538	\$ 70,151	\$ 87,688														
44.22.00	II-A-1	Networks and Support Systems	\$ 1,900	\$ 7,600	\$ 9,500				\$10,657	\$10,657	\$85,256	\$106,570							
44.23.01	II-A-2	Travelers and Behavior	\$ 3,150	\$ 12,600	\$ 15,750														
44.23.02	II-A-3	Transportation Modeling	\$ 12,488	\$ 49,951	\$ 62,438														
	<b>II-B</b>	<b>Planning Process</b>	\$ 17,320	\$ 69,280	\$ 86,600	\$ -	\$ 15,400	\$ 15,400											
44.23.02	II-B-1	Targeted Planning	\$ 8,160	\$ 32,640	\$ 40,800														
44.23.01	II-B-2	Regional Planning	\$ 9,160	\$ 36,640	\$ 45,800														
		Safe and Accountable Transportation Options				\$ -	\$ 15,400	\$ 15,400											
44.27.00	II-B-3	Special Studies																	
	<b>III-A</b>	<b>Planning Work Program</b>	\$ 2,400	\$ 9,600	\$ 12,000														
44.21.00	III-A-1	Planning Work Program	\$ 1,000	\$ 4,000	\$ 5,000														
44.24.00	III-A-2	Metrics and Performance Measures	\$ 1,400	\$ 5,600	\$ 7,000														
	<b>III-B</b>	<b>Transp. Improvement Plan</b>	\$ 3,900	\$ 15,600	\$ 19,500														
44.25.00	III-B-1	Prioritization	\$ 2,400	\$ 9,600	\$ 12,000														
44.25.00	III-B-2	Metropolitan TIP	\$ 1,000	\$ 4,000	\$ 5,000														
44.25.00	III-B-3	Merger/Project Development	\$ 500	\$ 2,000	\$ 2,500														
	<b>III-C</b>	<b>Cvl Rgts. Cmp./Otr .Reg. Reqs.</b>	\$ 3,250	\$ 13,000	\$ 16,250														
44.27.00	III-C-1	Title VI Compliance	\$ 250	\$ 1,000	\$ 1,250														
44.27.00	III-C-2	Environmental Justice	\$ 1,000	\$ 4,000	\$ 5,000														
44.27.00	III-C-3	Minority Business Enterprise Planning																	
44.27.00	III-C-4	Planning for the Elderly																	
44.27.00	III-C-5	Safety/Drug Control Planning																	
44.27.00	III-C-6	Public Involvement	\$ 2,000	\$ 8,000	\$ 10,000														
44.27.00	III-C-7	Private Sector Participation																	
	<b>III-D</b>	<b>Statewide &amp; Extra-Regional Planning</b>	\$ 27,280	\$ 109,120	\$ 136,400														
44.27.00	III-D-1	Statewide & Extra-Regional Planning	\$ 27,280	\$ 109,120	\$ 136,400														
	<b>III-E</b>	<b>Management Ops, Program Suppt Admin</b>	\$ 27,500	\$ 110,000	\$ 137,500														
44.27.00		Management Operations	\$ 27,500	\$ 110,000	\$ 137,500														
44.27.00		Program Support Administration	\$ -	\$ -	\$ -														
		<b>TOTALS</b>	\$ 99,188	\$ 396,751	\$ 495,938	\$ 0	\$ 15,400	\$ 15,400	\$10,657	\$10,657	\$85,256	\$106,570	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	\$ 0	



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

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

**Programmed Amount: \$87688**

**17% of staff budget**

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

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

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

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

### **II-A-3 Transportation Modeling Total: \$ 62438**

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

## **II-B Planning Process**

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

**Programmed Amount: \$102000**

**21% of staff budget (excludes Special Studies)**

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

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

### **II-B-2 Regional Planning Total: \$ 61200**

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

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



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

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

**Programmed Amount: \$136400**

**26% of staff budget**

#### **III-D Statewide and Extra-Regional Planning Total: \$ 136400**

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

### **III-E. Management and Operations**

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

**Programmed Amount: \$137500**

**27% of staff budget**

#### **III-E Management Ops, Program Support Admin Total: \$ 137500**

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

MPO	Cabarrus-Rowan
FTA Code	44.22.00
Task Code	II-A-1
Title	Network and Support Systems
Task Objective	Rider and Cabarrus County completed a Long Range Transit Plan to assess the type and level of transit services needed (locally and regionally) for all public transit in Cabarrus County over the next 20 years. CK Rider will entertain an ADA transition plan for their bus stops and pay for the Remix membership.
Tangible Product Expected	Quarterly and annual reporting information / statistics
Expected Completion Date of Products	Continuous
Previous Work	Rider System planning
Relationship	Transit Planning
Responsible Agency	LPA / PTD
SPR - Highway - NCDOT 20%	
SPR - Highway - F11WA 80%	
Section 104 (f) PL, Local 20%	3,900
Section 104 (f) PL, FHWA 80%	15,600
Section 5303 Local 10%	10,657
Section 5303 NCDOT 10%	10,657
Section 5303 FTA 80%	85,256
Section 5307 Transit - Local 10%	
Section 5307 Transit - NCDOT 10%	
Section 5307 Transit - FTA 80%	
Additional Funds - Local 100%	

Self-Certification Checklist

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

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

## **RESOLUTION CONFIRMING TRANSPORTATION PLANNING PROCESS**

### **RESOLUTION CERTIFYING THE CABARRUS-ROWAN METROPOLITAN PLANNING ORGANIZATION'S TRANSPORTATION PLANNING PROCESS FOR FY 2024**

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

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

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

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

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

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

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

NOW THEREFORE, be it resolved that the Cabarrus-Rowan Urban Area Transportation Advisory Committee certifies the transportation planning process for the Cabarrus-Rowan Metropolitan Planning Organization on this the 22nd day of March, 2023.

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Chair, Transportation Advisory Committee

## Cabarrus-Rowan MPO Local Match Table

<b>MPO Member</b>	<b>2020 Pop.</b>	<b>Percent</b>	
Concord	105,240	28.24%	\$ 21,257
Rowan County	81,117	21.77%	\$ 16,385
Kannapolis	53,114	14.25%	\$ 10,728
Cabarrus County	52,396	14.06%	\$ 10,583
Salisbury	35,540	9.54%	\$ 7,179
Harrisburg	18,967	5.09%	\$ 3,831
Midland	4,684	1.26%	\$ 946
China Grove	4,434	1.19%	\$ 896
Landis	3,690	0.99%	\$ 745
Spencer	3,308	0.89%	\$ 668
Granite Quarry	2,984	0.80%	\$ 603
Rockwell	2,302	0.62%	\$ 465
Mount Pleasant	1,671	0.45%	\$ 338
E. Spencer	1,567	0.42%	\$ 317
Cleveland	846	0.23%	\$ 171
Faith	819	0.22%	\$ 165
<b>Total</b>	<b>372,679</b>		<b>\$ 75,277</b>



**Attachment # 7**  
**Anticipated DBE Contracting Opportunities for 2023-24**

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

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

Prospectus Task Code	Prospectus Description	Name of Agency Contracting Out	Type of Contracting Opportunity (Consultant, etc.)	Federal Funds to be Contracted Out	Total Funds to be Contracted Out
II-A-1	Network and Support Systems (Section 5303)	City of Concord	Consultant	\$15,601	\$19,501
II-A-1	Bus Stop ADA Transition Plan (Section 5303)	City of Concord/MPO	Consultant	\$61,655	\$77,069
II-A-1	Remix Annual Membership	City of Concord/MPO	Consultant	\$8,000	\$10,000

Sample Entry:

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

**#6D (3/15/23)**

Cabarrus-Rowan  
Metropolitan Planning Organization

***RESOLUTION***

Approving the FY 2023-2024 Unified Planning Work Program

March 22, 2023

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

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

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

Whereas, members of the Cabarrus-Rowan Transportation Advisory Committee agree that the Unified Planning Work Program will effectively advance transportation planning for SFY 2023-2024.

**Now, therefore, be it resolved that** the Transportation Advisory Committee hereby endorses the *Cabarrus-Rowan Metropolitan Planning Organization FY 2023-2024 Unified Planning Work Program for the Cabarrus- Rowan Urban Area.*

\*\*\*\*\*

I, Ryan Dayvault, TAC Chair do hereby certify that the above is a true and correct copy of an excerpt from the minutes of a meeting of the Cabarrus-Rowan Transportation Advisory Committee, duly held on the 22<sup>nd</sup> day of March, 2023.

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

Subscribed and sworn to me this 22<sup>nd</sup> day of March, 2023.

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

(Notary seal)

Cabarrus-Rowan MPO  
Transportation Update  
March 9, 2023

TIP / WBS No.	Description	Let Date	Completion Date	Status	Construction Cost	Contractor	Project Administrator	Comments
<b>PROJECTS UNDER CONSTRUCTION</b>								
17BP.9.R.82	Replace Bridge #248 over Prong of Grant's Creek on SR 1211 (Kimball Rd) in Rowan County	June 15, 2022	March 21, 2023	73% Complete	\$927,455	Mountain Creek Contractors, Inc.	Kelly Seitz, P.E. (704) 630-3200	Mountain Creek closed the road to traffic on August 22, 2022. Project delayed by material procurement for wet utilities along with weather. Crews have completed construction of the culvert. Currently work is being done to build the fill above the culvert for the roadway, with paving scheduled for the end of February. Project has estimated completion with road opening late March 2023.
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	January 28, 2025	7% Complete	\$41,332,703	Smith-Rowe	Jeb Smith, PE (704) 630-3220	Smith-Rowe will work on NC-49 from 7am-5:30pm Monday-Friday. No weekend work is anticipated at this time. Smith-Rowe started sawcut/demo EBL bridge on 9/19/2022. The project is anticipated to be completed by January 2025.
B-5772 45728.3.1	Replace Bridge #66 over Norfolk Southern RR on SR 1724 (Hurley School Rd) in Rowan County	October 1, 2022	November 11, 2024	3% Complete	\$2,880,727	Smith-Rowe	Kelly Seitz, P.E. (704) 630-3200	A preconstruction meeting was held August 23, 2022. Minor signal work at US-70 has been completed. Due to steel storage the bridge girders will not be available until September 2023. Right of way is still working to settle all parcels on the project. With this delay, construction activities will not begin until late Spring, 2023.
HE-0009A	NC 152 Improvements with Proposed Access Road East of I-85/US 601 in China Grove. Intermediate intersection improvements. Widen pavement and construct turn lanes for phase I of roadway improvements.	November 7, 2022	TBD	25% Complete	\$1,000,000	State Forces	Mike Hedrick, PE (704) 630-3240	Economic Development project. Construction started on November 7, 2022.
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	4% Complete	\$13,039,376	J. T. Russell and Sons	Jeb Smith, PE (704) 630-3220	Contractor has begun clearing operations, expect utility crews to be onsite beginning work at Town Creek site late September/early October 2022.
R-5789H (DI00303)	ADA Ramps, Curb and Gutter, Sidewalk Construction on various routes in Davidson, Davie, Forsyth, Rowan, and Stokes.	October 31, 2022	TBA	0% Complete	\$964,376	Carolina Group Properties LLC	Kelly Seitz, P.E. (704) 630-3200	A preconstruction meeting was held on October 26, 2022. At that time the contractor submitted a progress schedule showing no work beginning until February 2023. As of our meeting on February 9, 2023, no work is planned on the project until mid-March. When crews arrive, they will begin in King and work in Forsyth County.
HL-0005	Various, City of Salisbury Signal System Upgrade.	September 30, 2022	Fall 2023	Precon Held 12-6-22	\$282,000	ALS of NC	Wendy Brindle (704) 638-5201	The city has advertised once in May 2022 with no bidders. Project has been readvertised for a Sept. 2022 bid opening. Project awarded. Precon Held. Start construction January 2023.
2023CPT.09.07.10801 2023CPT.09.08.20801 (C204811)	Milling, resurfacing, and shoulder reconstruction on 1 section of US-70, US-29, and NC-150, and 5 sections of secondary roads.	March 15, 2023	September 15, 2024	0% Complete	\$4,651,490	J. T. Russell and Sons	Kelly Seitz, P.E. (704) 630-3200	No work planned on the project until late Summer 2023. A preconstruction meeting will be held February 23.
17BP.9.R.80	Replace Bridge #155 over Second Creek on SR 2136 (Agner Rd) in Rowan County	February 15, 2023	TBA	ROW Acquisition in progress	\$792,315	Kemp Sigmon Construction Co.	Kelly Seitz, P.E. (704) 630-3200	Project on schedule.
HS-2009E	Pavement Grinding and Markings on SR 1002 (Old Concord Road) from Cabarrus County Line (Milepost 28.57) to Jake Alexander Boulevard (Milepost 17.63) in Salisbury	March 27, 2023	TBA	0% Complete	\$188,317	TRP Construction Group, LLC	Kelly Seitz, P.E. (704) 630-3200	
<b>PROJECTS UNDER DEVELOPMENT</b>								
HE-0009	NC 152 Improvements with Proposed Access Road East of I-85/US 601 in China Grove	2023	TBD	Planning/Design in Progress	\$3,900,000	TBD	Ryan Newcomb, PE (336) 747-7800	Economic Development project. PE work has started. 25% plans are complete. Hydro approved. 65% plans are complete. Developer is responsible for RW acquisition and utility relocations. Final plans are in progress.
HS-2009D	Extend concrete median and install U-turn bulb out on Jake Alexander Blvd east of Morlan Park Rd in Salisbury	May 24, 2023	TBA	ROW Acquisition in progress	\$350,000	TBA	Matt Jones, PE (336) 747-7800	Spot Safety project.

Cabarrus-Rowan MPO  
Transportation Update  
March 9, 2023

TIP / WBS No.	Description	Let Date	Completion Date	Status	Construction Cost	Contractor	Project Administrator	Comments
<b>PROJECTS UNDER DEVELOPMENT</b>								
P-5726 47604.3.1 (C204343)	NS Main - Construct Track Improvements, Second Platform, Pedestrian Underpass, Sitework, Retaining Wall, and Signalling Equipment	July 16, 2024	TBA	ROW Acquisition in progress	\$9,600,000	TBA	Matthew Simmons, PE (919) 707-4117	Raleigh Let
P-5726A	Salisbury train station second platform and pedestrian underpass.	July 26, 2023	TBA	ROW Acquisition in progress	\$2,500,000	TBA	Matthew Simmons, PE (919) 707-4117	Raleigh Let
P-5726B	Salisbury Norfolk Southern crossover relocation.	June 30, 2023	TBA	ROW Acquisition in progress	\$4,000,000	TBA	Matthew Simmons, PE (919) 707-4117	Raleigh Let
P-5733 47612.3.1	NS Main - Rowan County - Upgrade Station Building, expand waiting space and surface parking	July 15, 2025	TBA	ROW Acquisition 2025	\$2,370,000	TBA	Matthew Simmons, PE (919) 707-4117	*The PE work for this project has been temporarily suspended.*
R-5860 47548.3.1	Widen to multilanes - US 52 Rowan County Proposed Misenheimer Bypass to Proposed Rockwell Bypass (4.6 miles)	January 1, 2040	TBA	ROW Acquisition 2027	\$39,321,000	TBA	Alexander Foster (919) 707-6239	DDRL *The PE work for this project has been temporarily suspended.*
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	ROW Acquisition 2027	\$39,502,000	TBA	Ryan Newcomb, PE (336) 747-7800	DDRL - Raleigh Let. Express design update in progress to update project estimate. Project is now on the PE Move Forward List. Working on scope and fee for PE. Request for PE funds approved by BOT. NTP for PE work issued 1/17/23. Project website updates are complete.
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, PE (336) 747-7800	DDRL - *The PE work for this project has been temporarily suspended.* Express design update in progress to revise project estimate.
U-6130 48321.3.1	Construct ramp and intersection improvements on US 29 at NC 152 in China Grove	Funded for Preliminary Engineering Only	Funded for Preliminary Engineering Only	Funded for Preliminary Engineering Only	\$2,000,000	Funded for Preliminary Engineering Only	Ryan Newcomb, PE (336) 747-7800	Division POC (DPOC) *The PE work for this project has been temporarily suspended.* Express design update in progress to revise project estimate.
W-5709E 44855.3.5	Construct Roundabout and other safety improvements at Intersection NC 153 (Rice Street) and SR 1197 (Cannon Farm Rd) in China Grove	August 28, 2024	TBA	ROW Acquisition in progress	\$700,000	TBA	Matt Jones, PE (336) 747-7800	Division POC Let (DPOC) - Project is progressing with design and right of way acquisition. Due to project suspensions, the right of way acquisition and utilities were delayed, and appraisals had to be updated. The Let Date for the project will be delayed; the Division is in discussion with NCDOT Traffic Safety Unit and the STIP unit on project funding and schedule. Right of Way acquisition has also been delayed.
Y-5500IA 80000.2.1.12	SR 1526 (Henderson Grove Church Rd) RR Crossing #724 362M Closure	September 27, 2023	TBA	ROW Acquisition in progress	\$2,950,000	TBA	Matt Jones, PE (336) 747-7800	Division POC Let (DPOC) - R/W Plans Complete (RPC)(09/02/2021)
<b>STATE FORCES CONSTRUCTED PROJECTS</b>								
48921	Construct right turn lane on SR 1210 (Old Beatty Ford Rd) at US 29.	July 26, 2023	TBA	TBA	\$361,000	State Forces	Matt Jones, PE (336) 747-7800	High Impact Low Cost (HILC) project - Project released to move forward. Let date being re-evaluated.
SM-5709G	Construct left turn lane on NC 152 at US 29 in China Grove	April 15, 2023	TBA	ROW Acquisition in progress	\$290,000	State Forces	Matt Jones, PE (336) 747-7800	
<b>DIVISION BRIDGE PROJECTS UNDER DEVELOPMENT</b>								
15BPR.74	Bridge Rehabilitation - Bridge #137 and #465 on I-85 over Yadkin River	April 15, 2025	TBA	TBA	\$4,200,000	TBA	Daniel Dagenhart (336) 747-7800	In development
15BPR.115	Bridge Rehabilitation - Bridge #790137 and #790465 on I-85 over Yadkin River	4/15/2025	TBA	TBA	\$4,200,000	TBA	Daniel Dagenhart (336) 747-7801	In development
17BP.9.R.76	Replace Bridge #81 over Deals Creek on SR 1926 (Hannah's Ferry Rd) in Rowan County	May 17, 2023	TBA	ROW Acquisition in progress	\$750,000	TBA	Daniel Dagenhart (336) 747-7800	Final Plans recieved - FERC permit acquired. We have ran into issues with State properties and multiple State agencies affecting the ROW.
17BP.9.R.85	Replace Bridge #198 and Bridge #199 over Crane Creek on SR 2529 (St. Paul Church Rd) in Rowan County	May 24, 2023	TBA	ROW Acquisition in progress	\$1,200,000	TBA	Daniel Dagenhart (336) 747-7800	Planning and Design underway.

Cabarrus-Rowan MPO  
**Transportation Update**  
 March 9, 2023

TIP / WBS No.	Description	Let Date	Completion Date	Status	Construction Cost	Contractor	Project Administrator	Comments
<b>DIVISION BRIDGE PROJECTS UNDER DEVELOPMENT</b>								
17BP.9.R.86	Replace Bridge #205 over Grant's Creek on SR 1516 (Airport Rd) in Rowan County	May 24, 2023	TBA	ROW Acquisition in progress	\$1,000,000	TBA	Daniel Dagenhart (336) 747-7800	Project is on schedule.
17BP.9.R.96	Replace Bridge #254 over Kerr Creek on SR 1547 (Caldwell Rd) in Rowan County	February 28, 2024	TBA	ROW Acquisition in progress	\$900,000	TBA	Daniel Dagenhart (336) 747-7800	Planning and Design underway.
BP9-R004 BP9-R004.3 (formerly 17BP.9.R.78)	Replace Bridge #235 over Unnamed Creek on SR 1322 (Ebenezer Rd) in Rowan County	February 14, 2024	TBA	ROW Acquisition in progress	\$750,000	TBA	Daniel Dagenhart (336) 747-7800	Planning and Design underway.
BP9-R012 BP9-R012.3 (formerly 17BP.9.R.105)	Replace Bridge #108 over Tuckertown Reservoir on SR 1004 (Stokes Ferry Rd) in Rowan County	August 23, 2024	TBA	ROW Acquisition July 23, 2023	\$1,500,000	TBA	Daniel Dagenhart (336) 747-7800	Planning and Design underway.
<b>LOCALLY ADMINISTERED PROJECTS</b>								
BL-0034	US 601 from north of Kelsey Scott Park Greenway to end of Salisbury Mall project in Salisbury. Construct sidewalk connections to Salisbury Greenway/Carolina Thread Trail.	June 30, 2025	TBA	ROW Acquisition June 28, 2024	\$845,040	TBA	Wendy Brindle (704) 638-5201	Non-DOT let (LAP) - City of Salisbury -
C-5603D 43713.3.4	Construct sidewalks on Old Concord Rd from Ryan St to Jake Alexander Blvd	July 29, 2023	TBA	ROW Acquisition in progress	\$414,000	TBA	Wendy Brindle (704) 638-5201	Non-DOT let (LAP) - City of Salisbury - in design. The City has received ROW phase authorization
C-5603H 43713.3.8	Brenner Ave from Statesville Blvd. to W Horah St and Brenner Ave. at Link Ave. in Salisbury	September 1, 2023	TBA	ROW Acquisition in progress	\$643,000	TBA	Wendy Brindle (704) 638-5201	Non-DOT let (LAP) - City of Salisbury - in design. The City has received ROW phase authorization
EB-5619B 56033.3.3	Grants Creek Greenway - Construct Multi-use trail from Kelsey Scott Park to Forestdale Dr in Salisbury	September 29, 2023	TBA	ROW Acquisition in progress	\$1,439,000	TBA	Wendy Brindle (704) 638-5201	NON-DOT let (LAP)
EB-5861	Third Street Greenway from 3rd Street to Yadkin River in Spencer. Construct alternate route, including spur from Grants Creek	September 30, 2024	TBA	TBA	TBA	TBA	Joel Taylor (704) 633-5331	Non-DOT let (LAP)
HL-0049	US 70 / US 601 (Jake Alexander Blvd) to Milford Hills Rd in Salisbury. Construct Median; Construct roundabout at Milford Hills Rd.	September 30, 2024	TBA	ROW Acquisition Sept. 1, 2023	\$830,000	TBA	Wendy Brindle (704) 638-5201	Non-DOT let (LAP)

TIP/WBS No#	DESCRIPTION	LET DATE	COMPLETION DATE	STATUS	CONSTRUCTION COST	CONTRACTOR	PROJECT ADMINISTRATOR	COMMENTS	
RAILROAD	<b>RAILROAD PROJECTS</b>								
	<b>PROJECTS UNDER DEVELOPMENT</b>								
	Y-4810K	Rogers Lake Road Grade Separation over NA/NCRR Railroad and closure at Grade Crossing N.724408Y in Kannapolis	November 2022	December 2026		12.45 M	NJR Group, Inc.	NCDOT <b>Kumar Trivedi</b> 919-707-4109	Project LET. Availability Date May 15, 2023. Completion Date December 12, 2026.
	P-5725	Kannapolis Train Station Second Platform and Pedestrian Overpass	July 2023	TBD		10.1 M	TBD	NCDOT <b>Brad Smythe</b> 919-707-4118	Utility Relocations being performed. Pending Railroad Construction Agreement Completion.
I85	<b>I-85 PROJECT</b>								
	<b>PROJECTS UNDER DEVELOPMENT</b>								
I-3802AA	I-85 Installation of Fiber Optic Communications Network, CCTB and DMS System for I-3802A project	PENDING 2023	October 2024		2.1 M	TBD	NCDOT <b>Lee Neal</b> 919-814-4965	This project has been readvertised. LET in the first quarter if 2023.	
URBAN	<b>URBAN PROJECTS</b>								
	<b>ACTIVE CONSTRUCTION PROJECTS</b>								
	U-3440	NC 3 Kannapolis. U-2009 (Westside Bypass)-TO-SR 1691 (Loop Road). Widen existing route to multi-lane facility	November 2016	June 2023	93% Complete	34.1 M	JT Russell	NCDOT <b>Jon Hinson</b> 980-523-0085	Project under construction. The mainline is open to thru traffic. Final surfacing work projected for this Spring. Estimated project completion is Summer 2023.
	<b>PROJECTS UNDER DEVELOPMENT</b>								
	U-5761	NC 3 (Dale Earnhardt Blvd.) Kannapolis Improve Intersection of NC 3 and US 29/601	R/W-2022 LET 2024	2027 <b>PROJECTED</b>	90% Plans R/W 60%	10.9 M	RS&H	NCDOT <b>Donald Griffith</b> 704-983-4418	ROW Acquisition in progress.
U-6032	Mallard Creek Road (SR-2467)/ Derita Rd (SR-1445) from I-485 to Concord Mills Blvd. Widen to 6 lanes	R/W-2022 LET 2025	2027 <b>PROJECTED</b>	75% Plans	25 M	KCI	NCDOT <b>Donald Griffith</b> 704-983-4418	<b>ACTIVE PROJECT.</b> Currently in Design. PE work continuing. ROW Acquisition in progress.	

TIP/WBS No#	DESCRIPTION	LET DATE	COMPLETION DATE	STATUS	CONSTRUCTION COST	CONTRACTOR	PROJECT ADMINISTRATOR	COMMENTS
U-5956	US 29 Concord. Realign Union Cemetery Road to Intersect US 29 at Rock Hill Church Road	R/W-2022 LET 2025	2027 PROJECTED	75% Plans	8.1 M	Kimley-Horn	NCDOT Randy Bowers 704-983-4400	ROW Acquisition in progress.
U-3415A	SR 1394 Poplar Tent Rd. Concord Derita Road to George Liles Pkwy. Widen to 4 lane divided	R/W-2024 LET-2027	2029 PROJECTED	15 % Plans	20.5 M	TBD	NCDOT Travis Preslar 704-983-4400	PROJECT IS REACTIVATED 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

**CONGESTION PROJECTS**

HIGHWAY SAFETY PROJECTS								
ACTIVE CONSTRUCTION PROJECTS								
W-5601HQ 47858	NC 3 Concord and Odell School Road Install a Roundabout	June 2022	November 2022	99% Complete	1.24 M	NJR Group	NCDOT Chris Fine 704-983-4380	Construction 99% complete. The facility was opened to traffic on 10/29/22. Currently in final closeout.
W-5710C	SR 2180 (Lane St. & Jackson Park Road) Kannapolis US Main Sreet to West of I-85 ramp in Kannapolis. Road Diet	September 2021	August 2022 (Awaiting Signal)	70% Complete	2.69 M	NJR Group	NCDOT Chris Fine 704-983-4380	Project complete with exception of new signal at Ruth Ave. Due to material shortages, signal will not be active until early Spring 2023.
PROJECTS UNDER DEVELOPMENT								
47866/ SS-4910CK	Poplar Tent Rd. at Rock Hill Church Road & Eva Drive Concord Intersection improvements	March 2023	TBD	100% ROW	1.1 M	TBD	NCDOT Donald Harward 704-983-4400	Project Approved to move forward. High Impact/Low Cost. Project has been advertised.
W-5710AO	Salisbury-Concord Road/Old Concord Rd. Kannapolis to Irish Potato Road. Install Roundabout	May 2023	TBD	75% ROW	1.15 M	TBD	NCDOT Donald Harward 704-983-4400	Project Approved to move forward. ROW Acquisition in progress. Duke relocation working to confirm schedule.

TIP/WBS No#	DESCRIPTION	LET DATE	COMPLETION DATE	STATUS	CONSTRUCTION COST	CONTRACTOR	PROJECT ADMINISTRATOR	COMMENTS
HS-2010D	NC 24/27 and Bethel School Road Half RCI	Summer 2024	TBD		392 K	TBD	NCDOT Donald Harward 704-983-4400	Project Currently in ROW Acquisition.
HS-2010F	NC 24/27 and Pine Bluff/Reed Mine Road RCI	February 2025	TBD		750 K	TBD	NCDOT Donald Harward 704-983-4400	Project Currently in Survey.
HS-2010H	NC 49 and Zion Church Road RCI	May 2025	TBD		1.95 M	TBD	NCDOT Donald Harward 704-983-4400	Project Currently in Survey.

## BRIDGE PROJECTS

### ACTIVE CONSTRUCTION PROJECTS

B-5810	Bridge 120022 /NC24-27. Locust, NC. Replace bridge over Rocky River	August 2022	July 2024	5% Complete	6.1 M	Dane Construction	NCDOT Chris Fine 704-983-4380	East bound traffic has been shifted to the west bound side. Demolition of old bridge is underway. Completion will be Spring of 2024.
B-5375	Bridge120 137 / SR 1132 (Miami Church Road) Mt. Pleasant over Dutch Buffalo Creek	July 2022	May 2023	0% Complete	1.2 M	NJR Group	NCDOT Chris Fine 704-983-4380	Construction Start Date: First Quarter of 2023. Currently under development.
BP10.R020.3	Bridge 120101 / SR 2453 (S Lentz Harness Shop Road) over Little Bear Creek	March 2022	December 2022	99% Complete	585 K	APAC Atlantic	NCDOT Chris Fine 704-983-4380	Final inspection passed in October 2022 and facility was opened to the public on the same day. Permanent vegetation established by Spring '23.
B-5813	Bridge 120132 / NC 73 over Dutch Buffalo Creek	January 2022	August 2023	20 % Complete	4.3 M	NJR Group	NCDOT Chris Fine 704-983-4380	Construction began in March 2022. Work was delayed due to lack of available ductile iron pipe. Construction is progressing.
17BP.10.R.144	Bridge 120053 / SR 2114 (Centergrove Road) Kannapolis over Cold Water Creek	April 2021	April 2022	99% Complete	1.7 M	Dane Construction	NCDOT Jon Hinson 704-983-4380	Project is complete and open to trafic. Preparing final estimate/closeouts.

### PROJECTS UNDER DEVELOPMENT



	TIP/WBS No#	DESCRIPTION	LET DATE	COMPLETION DATE	STATUS	CONSTRUCTION COST	CONTRACTOR	PROJECT ADMINISTRATOR	COMMENTS
G	B-5808	Bridge 120057 & 120059 (US 29/601) over Irish Dutch Buffalo Creek near Poplar Tent Road	April 2023	May 2025		5.1 M	TBD	NCDOT Garland Haywood 704-983-4400	Currently Developing ROW Plans for use in acquiring construction limits and relocating existing utility conflicts.
E	B-5372	Bridge 120109 / SR 1706 Kannapolis Bridge on (East First Street) over US 29	FALL 2023	May 2024		5.8 M	TBD	NCDOT Garland Haywood 704-983-4400	Currently in Design & ROW Acquisition is in progress.
	BP10.C002	Pipe 120247 St. Stephens Road / Mt. Pleasant Replace Pipes over Butcher Branch	Fall 2023	Spring 2024		600 K	TBD	NCDOT Garland Haywood 704-983-4400	ROW acquisition complete. Currently relocating utilities. LET September 2023.
P	17BP.10.R.110	Bridge 120105 / E. Gold Hill Road Mt. Pleasant Replace bridge over branch of Big Bear Creek	Spring 2024	Spring 2025		895 K	TBD	NCDOT Garland Haywood 704-983-4400	Project Currently in Design.
R	BP10.R010	Bridge 120245 / SR 1309 (Stough Road) over Wolf Meadow Creek	Spring 2024	Spring 2026		2.5 M	TBD	NCDOT Garland Haywood 704-983-4400	Project Currently in Design. Availability date estimated March 2025 due to: Dutcile Iron Material shortages w/ pipe.
O	BP10.R015	Bridge 120129 / SR 2635. (Old Airport Road) Concord over Cold Water Creek	Spring 2024	Winter 2025		1.3 M	TBD	NCDOT Garland Haywood 704-983-4400	Project Currently in Design. Availability date estimated March 2025 due to: Dutcile Iron Material shortages w/ pipe.
J	BP10.R034	Bridge 120073 / SR 2416 (Mt Olive Road) Mt. Pleasant over Branch of Dutch Buffalo Creek	Fall 2024	Fall 2025		750 K	TBD	NCDOT Garland Haywood 704-983-4400	Project Currently in Design.
E	BP10.C010	Bridge 120301 / SR 2608 (Hahn Road) over Little Bear Creek	Fall 2024	Spring 2025		\$800K	TBD	NCDOT Garland Haywood 704-983-4400	Project Currently in Design.
C	BP10.R047	Bridge 120083 / SR 2408 (Gold Hill Road) over Dutch Buffalo Creek	Spring 2025	Winter 2025		900 K	TBD	NCDOT Garland Haywood 704-983-4400	Project Currently in Design.

TIP/WBS No#	DESCRIPTION	LET DATE	COMPLETION DATE	STATUS	CONSTRUCTION COST	CONTRACTOR	PROJECT ADMINISTRATOR	COMMENTS
BP10.R055	Bridge 120292 / Mauney Road Mt. Pleasant Replace bridge over Little Meadow Creek	Fall 2025	Spring 2026		750 K	TBD	NCDOT Garland Haywood 704-983-4400	Project Currently in Design.
BP10.C003	Bridge 120050 / SR 2113 (Penninger Road) over Br. Of Cold Water Creek	Fall 2027	Fall 2028		\$870K	TBD	NCDOT Garland Haywood 704-983-4400	Project Currently in Design.
BP10.R019	Bridge 120173 / SR 1169 (Peach Orchard Road) Harrisburg over McKee Creek	LET Date beyond 2026. Currently not established	TBD		500 K	TBD	NCDOT Garland Haywood 704-983-4400	Plan Development will proceed when LET has been scheduled and confirmed.
BP10.C001	Bridge 120219 / SR 2710 (Walker Road) Concord over Adams Creek	LET Date beyond 2026. Currently not established	TBD		450 K	TBD	NCDOT Garland Haywood 704-983-4400	Plan Development will proceed when LET has been scheduled and confirmed.
BP10.R031	Bridge 210 / SR 1006 (Mt Pleasant Road) Mt. Pleasant over Bost Creek	LET Date beyond 2026. Currently not established	TBD		550 K	TBD	NCDOT Garland Haywood 704-983-4400	Plan Development will proceed when LET has been scheduled and confirmed.

## MUNICIPAL PROJECTS

### ACTIVE CONSTRUCTION PROJECTS

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 PROJECTED	Spring 2024	30% Complete*	2.7 M	TBD	City of Kannapolis NCDOT Marc Morgan 704-983-4400	Phase I is completed. *A small section of Phase II was completed during the construction of Phase I. Waiting on Kannapolis to finalize plans, ROW and construct per agreement for Phase II. Anticipated completion Date: June 2024.
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### PROJECTS UNDER DEVELOPMENT

SS-6010AP	NC 3 Branchview Drive and Cabarrus Avenue Crosswalk and Traffic Signal Upgrades	January 2023	March 2023		24 K	Watson Electrical Construction ON CALL	City of Concord NCDOT Zach Gardener 704-983-4400	(CON phase only) Agreement executed 8/16/22. Concord working with contractor to get schedule.
BL-0043	N Washington St (NC 73 to Park Drive) Sidewalk, C&G, widening, sharrows	October 2023	TBD	Page 66	524 K	TBD	Mt Pleasant NCDOT Jeff Burleson 704-983-4400	Printed on 3/12/23

	TIP/WBS No#	DESCRIPTION	LET DATE	COMPLETION DATE	STATUS	CONSTRUCTION COST	CONTRACTOR	PROJECT ADMINISTRATOR	COMMENTS
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	October 2023	TBD	60% Plans	1.5 M	TBD	Mt Pleasant NCDOT Jeff Burleson 704-983-4400	ROW Plans (60%) approved on 5/13/22. ROW Auth due on 2/14/23.
	EB-5732	SR 2894 (Concord Mills Blvd.) Concord Construct Sidewalks on Concord Mills Blvd. and portions of Weddington Road from US 29 to SR 1431	R/W 2024 LET 2025	2026	25 % Plans	6 M	HNTB	NCDOT Sean Epperson 704-983-4400	<b>PROJECT IS REACTIVATED</b> and moving forward. Working toward 65% plans.
	C-5603F	Bethpage Road From South Main Street to Leonard Avenue and from Westgreen Drive to Klondale Avenue sidewalk	February 2024	TBD	60% Plans	208 K	TBD	Mt Pleasant NCDOT Jeff Burleson 704-983-4400	ROW Plans (60%) were submitted on 7/12/22 and waiting review comments from Raleigh. Project still on schedule.
	EB-5844	Little Texas Road Lane Street to Dale Earnhardt Blvd sidewalk	June 2024	TBD		2.1 M	TBD	Mt Pleasant NCDOT Jeff Burleson 704-983-4400	CE approved 6/6/22. ROW plans due 10/29/22. Project still on schedule.
	HL-0001	Poplar Tent Road Improvements (Moss Drive to Fullerton PI Drive)	April 2025	TBD		3.9 M	TBD	Mt Pleasant NCDOT Jeff Burleson 704-983-4400	(PE, ROW, CON) Agreement executed 6/23/22. PE funds approved 8/17/22.
	BL-0060	Cox Mill Road Loop Greenway & Bicycle/Ped bridge	August 2025	TBD		1.9 M	TBD	Mt Pleasant NCDOT Jeff Burleson 704-983-4400	(CON phase only) LGA has yet to start working on this project.

R U R A L	<b>RURAL PROJECTS</b>								
	PROJECTS UNDER DEVELOPMENT								
	R-2246A	George Liles Parkway Concord NC 49 to Roberta Road. Widen to Multi-Lanes	R/W 2028 LET 2030	TBD		16.5 M	TBD	NCDOT Travis Preslar 704-983-4400	PE and Planning activities are scheduled to begin in 2023.

<b>VARIOUS PROJECTS</b>									
ACTIVE CONSTRUCTION PROJECTS									

	TIP/WBS No#	DESCRIPTION	LET DATE	COMPLETION DATE	STATUS	CONSTRUCTION COST	CONTRACTOR	PROJECT ADMINISTRATOR	COMMENTS
V	SS-4910DM 48485.1.1 48485.2.1	Roberta Road & Cochran Road Concord to Brookville Avenue Mini Roundabout Construction	June 2022	September 2022	99% Complete	335 K	Reeves Construction Co.	NCDOT Jon Hinson 980-523-0080	Project is open to traffic & contract is complete. RE is working w/ Traffic Services to enhance RAB advanced notifications.
A	2022CPT.10.1 8.20131 - Contract DJ00406	VARIOUS LOCATIONS - 10 Sections of secondary roads	March 2022	May 2023	0% Complete	1.8 M	JT Russell & Sons Inc	NCDOT Marc Morgan 704-983-4380	Available 6/01/2022 - Not currently planned to start until March, 2023.
R	2022CPT.10.1 0.20132 Contract DJ00401	VARIOUS LOCATIONS - Sections of secondary roads	March 2022	June 2023	0% Complete	961 K	Whitehurst Paving Co.	NCDOT Marc Morgan 704-983-4380	Anticipated start date May 2023.
I	2022CPT.10.0 9.10131 - Contract C204686	VARIOUS LOCATIONS - 1 Section of NC 3 and 39 sections of secondary roads	December 2021	September 2023	20% Complete	5.5 M	NJR Group, Inc.	NCDOT Marc Morgan 704-983-4380	FDR Routes completed.
<b>PROJECTS UNDER DEVELOPMENT</b>									
O	R-5790JG 44920.3.15	VARIOUS LOCATIONS - Installation of curb ramps.	2023	TBD		1.5 M	TBD	NCDOT Jared Mathis 704-983-4400	Contract LET, however bids were rejected due to high bid amounts. Contract to be reLET in 2023.
U	SS-6210A 49966	Zion Church Road and Zion Church Road All-way Stop	March 2023	April 2023		121 K	NCDOT	NCDOT Zach Gardner 704-983-4400	Plans being developed for 5 foot widening radii.
S	SS-6010AX 49833.3.1	Zion Church Road and Central Heights Drive All-way Stop	March 2023	April 2023		20 K	NCDOT	NCDOT Zach Gardner 704-983-4400	

**From:** Lee, Sarah E [mailto:selee@ncdot.gov]  
**Sent:** Wednesday, March 8, 2023 1:31 PM  
**Subject:** P7 Update - March 8, 2023 (Part 2)

Prioritization Partners,

As mentioned in Part 1 of this P7 email update a few minutes ago, this message contains guidance and a **request for action**. Please be sure to read this email in its entirety.

Based on P7 Workgroup recommendation, all organizations may designate 2 projects as Carryovers for P7 that were originally submitted in P6. The results of this decision are outlined in this email.

The SPOT Office has developed a copy of the P6 scoring spreadsheet that details the process for developing the initial list of designated projects as well as the overall list of eligible projects to choose from. See attached for this file, and it is also available on the [Prioritization Data page](#) in the "Prioritization 7.0" folder.

- "Process" tab – contains the process for developing the overall list of new P6 projects and identifying the highest scoring projects
- "P6 New Submittals" tab – contains the overall list of eligible projects to choose from
  - Column S ("P6 Submitter") can be used to filter by submitter
  - Columns N-Q can be used to filter by project location, regardless of submitter

By default, the 2 highest scoring Highway projects per P6 submitter have been initially designated as the Carryover projects. These are highlighted in **yellow** in the "P6 New Submittals" tab.

- Note that the Highway mode was selected for initial use, since that is the mode for which the most project submittal slots are typically used.
- The highest scoring projects were selected since those would have the best chances of being funded in P7. These are based on column V ("Max Score") that uses the max of Statewide Mobility Quantitative Score, Normalized Regional Score, and Normalized Division Score.

However, a few unexpected results were found through this process, as follows:

- No new projects were submitted by Division 2
- Only one new Highway project was submitted by Peanut Belt RPO

For these reasons, each submitting organization is free to designate 2 alternative projects from **within their area** as the Carryovers for their organization (regardless of the submitter), as long as the projects are in the "P6 New Submittals" tab. This means that organizations may designate a variety of projects as their 2 Carryovers, including:

- The initially designated projects (highlighted in yellow)
- A lower scoring Highway project that they submitted
- A Non-Highway project that they submitted
- A project of any mode that is in their area but submitted in P6 by a different organization

**SPOT is requesting that all organizations respond to the SPOT Office by March 31<sup>st</sup>** with the 2 designated projects for your organization. If not provided by March 31<sup>st</sup>, the initially designated 2 highest scoring Highway projects will be used.

- If you would like to designate a project that was initially submitted in P6 by an organization other than yours, please coordinate with that organization and include documentation of that coordination in your response to the SPOT office along with your designated projects. This is to ensure that the same project is not identified by multiple submitters.
- As these will be Carryover projects for P7 (not new submittals), the SPOT office is not requiring that MPO and RPO Boards approve the project designations, nor do we believe this requires public involvement. However, we acknowledge that many Planning Organizations may have processes in place that will require your board to act and/or seek public input. If that is the case, for our planning purposes, please **contact the SPOT Office prior to March 31<sup>st</sup>** with an estimation of when your organization will be able to provide your designated projects.

As always, do not hesitate to reach out to us at [spot@ncdot.gov](mailto:spot@ncdot.gov) with questions or concerns.

Thank you,  
NCDOT SPOT Office

**Sarah E. Lee**  
Senior Transportation Engineer  
Strategic Prioritization Office of Transportation (SPOT)  
NC Department of Transportation  
919 707 4742 office

Project Name	Description	Jurisdiction	Cost	Tier	Type	Resolution	Date Received
Commercial Terminal Expansion	Double size of commercial terminal building for Padgett Regional Airport	Concord	\$7.2 mil	Regional	Aviation	Yes	1-Feb-19
South Apron Expansion	EA for apron expansion at Padgett Regional Airport	Concord	\$.3 mil	Regional	Aviation	Yes	1-Feb-19
Fire Station/Security Center	Build new fire station at Padgett Regional Airport	Concord	\$3.6 mil	Regional	Aviation	Yes	1-Feb-19
North Main Street	Reconfigure cross section from NC 49 to NC 73	Mt Pleasant	\$2 mil	Division	Highway	Yes	15-Jan-19
Mt Pleasant Rd and Malibu Rd	Install multi-use path along east side of Mt. Pleasant Rd South and Malibu Rd	Mt Pleasant	\$2.5 mil	Division	Ped	Yes	15-Jan-19
NC 49	Widen from North Drive West to North Drive East	Mt Pleasant	\$20.6 mil	Regional	Highway	Yes	15-Jan-19
NC 73 and Skyland Drive	Intersection Improvements	Mt Pleasant	\$.9 mil	Regional	Highway	Yes	3-Jan-19
NC 73 and Main Street	Intersection Improvements	Mt Pleasant	\$1.4 mil	Regional	Highway	Yes	3-Jan-19
US 29 Urban Cross Section Conversion	Add safety lighting, pedestrian safety elements, median improvements from NC 152 to Johnson St	China Grove	\$4 mil	Division	Ped	Yes	6-Feb-19
Church Street	Widen from Main Street to US 29	China Grove	\$1 mil	Division	Ped	Yes	6-Feb-19
South Main Street	Widen from Thom Street to Kimball Road	China Grove	\$1.5 mil	Division	Ped	Yes	6-Feb-19
Main Street	Widen from W. Ketchie Street to Patterson Street	China Grove	\$2.5 mil	Division	Ped	Yes	6-Feb-19
Patterson Street	Widen from Main Street to NC 152	China Grove	\$6 mil	Division	Ped	Yes	6-Feb-19
Henderson Grove Church Rd and US 29 Connector	Construct new road with grade separation with railroad	Rowan County	\$7.9 mil	Regional	Highway	Yes	31-Jan-19
NC 152 and Organ Church Rd and Faith Rd	Realign Intersection	Rowan County	\$2.6 mil	Regional	Highway	Yes	31-Jan-19
NC 150 and Sherrills Ford Rd/Rowan Mill Rd	Intersection Improvements	Rowan County	\$.56 mil	Regional	Highway	Yes	31-Jan-19
New Interchange @ McCanless Road	Construct a new interchange on I-85 at McCanless Road/Correll Street	East Spencer/Rowan County	\$6.4 mil	Division	Highway	Yes	31-Jan-19
US 52 and Dunn's Mtn Church Road	Intersection Improvement	Granite Quarry	\$.3 mil	Division	Highway	Yes	31-Jan-19
Peeler Road	Widen Peeler Road and connect to St. Paul's Church Road	Granite Quarry	\$15 mil	Division	Highway	Yes	31-Jan-19



**Schedule of Activities for the 2020 Census Urbanized Areas (MPOs)**

- 1. Smoothing and/ or adjusting Urban Area Boundaries
- 2. Updating the MPO Metropolitan Planning Area (MPA) Boundaries
- 3. Metropolitan Planning Funds (PL) Distribution formula
- 4. Designation of new MPOs
- 5. When does a new MPO required to develop an MTP and TIP?
- 6. MPO Evaluation Report as required by state law (NCGC 136-200.2)
- 7. Functional Classification System Revisions
- 8. HPMS

Please refer to the link below for information and timeline as well as “*frequently asked questions*” tab on the left side of the website:

[Schedule - Census Urbanized Areas and MPO/TMA Designation - Census Issues - Planning - FHWA \(dot.gov\)](#)

**1. Smoothing and/ or adjusting Urban Area Boundaries**

Adjustments to urban area boundaries should be approved by the State transportation agency and FHWA Division Office.

**Deadline – December 29, 2023**

**2. Updating the MPO Metropolitan Planning Area (MPA) Boundaries**

- FHWA requires MPOs to identify a MPA boundary based on their UA. The MPA will serve as the planning boundary for the MPO and serve as the basis for the development of the MTP, TIP, Project Prioritization, Performance Measures, etc.
- The MPA for the MPO should include land area that will be urban in nature within the next 20 years and all local governments included must be given the opportunity to be represented on the MPO through the TCC and MPO Board/TAC. The MPA requires approval by MPO and NCDOT. Following the approval of the MPA, the MPO must review and update, as necessary, the MPO structure (planning area boundary (MPA); membership; MOU and bylaws.

**Deadline – Before the next regularly scheduled metropolitan transportation plan update, after October 1, 2023, or within 4 years of the designation of the new urban area boundary (i.e., December 29, 2026), whichever occurs first.**



### 3. Metropolitan Planning Funds (PL) Distribution Formula

States should revisit their intra-State distribution formulas for metropolitan planning (PL) funds allocations to MPOs to ensure that the new Census 2020 population figures are being used and that any new MPOs are part of the calculation.

**Deadline – September 29, 2023**

### 4. Designation of new MPOs

New MPOs should be designated by the Governor to represent all new urban areas with populations more than 50,000, as determined by the Census Bureau and the results of the 2020 Decennial Census.

MPO designation shall be made by agreement between the Governor and units of general purpose local government that together represent at least 75 percent of the affected population (including the largest incorporated city, based on population, as named by the Bureau of the Census) or in accordance with procedures established by applicable State or local law. ([23 CFR 450.310\(b\)](#))

The agreement should, at minimum, identify the membership structure of the MPO policy board and establish the MPA boundaries.

#### **Initial activities associated with a new MPO:**

- Establish MPO Planning Area Boundary (PAB)
- MPO member Jurisdictions included as voting members
- Designation of the Lead Planning Agency (LPA)
- Development and signing of Memorandum of Understanding (MOU) by all member jurisdictions
- Financial Agreement between NCDOT and LPA

**Deadline – December 29, 2023**

### 5. When is a new MPO required to develop a MTP and TIP?

A newly designated MPO does not need to develop a MTP and TIP within the first 12 months. However, the initial MPO work plan should include tasks and a schedule to develop a TIP and MTP (23 CFR 450.308).

New MPOs should have a formally adopted Metropolitan Transportation Plan (MTP) and Transportation Improvement Program (TIP) 4 years after the Census Bureau published the urban areas based on the results of the 2020 Decennial Census.

**Deadline – December 29, 2026**

## **6. MPO Evaluation Report as required by state law (NCGS 136-200.2)**

As required by G.S. 136-200.2, and following each decennial census, each MPO, in coordination with NCDOT is required to undergo a review of their MPO boundaries, structure, and governance. Individual MPO reports to be completed by MPO Coordinators and NCDOT will submit a combined report to the General Assembly.

**Deadline – November 30, 2023**

## **7. Functional Classification System Revisions**

Changes to highway functional classification associated with the Census-defined urban area boundaries (or the FHWA-approved urban area boundaries if adjustments are made) should be approved by the State transportation agency and FHWA Division Office.

In conjunction with the update of the Urban Area boundaries, NCDOT will review and update existing functional classification as needed to meet the deadline.

**Deadline – December 29, 2025**

## **8. HPMS**

The April 15th and June 15th HPMS data submissions should reflect all highway functional classification changes approved during the previous calendar year.

For example, if a highway functional classification change was approved in calendar year 2025 (i.e., January 1 – December 31, 2025), the HPMS data submissions on April 15, 2026, and June 15, 2026, should reflect the highway functional classification change.

Likewise, if a highway functional classification change was approved in calendar year 2026 (i.e., January 1 – December 31, 2026), the HPMS data submissions on April 15, 2027, and June 15, 2027, should reflect the highway functional classification change.

	RIDER TRANSIT						RIDER ADA PARATRANSIT					
	2018	2019	2020	2021	2022	2023	2018	2019	2020	2021	2022	2023
January	28618	35154	32795	19946	13670	26317	786	1014	1233	1064	1291	1877
February	30231	32851	31073	23498	20251	25535	887	1001	1238	1065	1358	1459
March	32443	35038	25626	36652	23914		972	1066	887	1558	1626	
April	33153	33822	15732	36209	24336		903	1117	550	1555	1474	
May	35578	36735	18489	36769	24130		1005	1015	687	1464	1542	
June	38320	36931	22239	35573	26036		893	918	997	1370	1638	
July	36564	37265	22975	27155	24640		840	956	1065	1305	1476	
August	42211	38455	22020	27824	26857		995	1041	1191	1233	1740	
September	35060	35590	21712	27014	27278		895	1076	1231	1286	1553	
October	39504	37727	24501	28779	27419		1147	1175	1024	1304	1550	
November	33695	32930	22073	25692	25003		972	1132	959	1424	1731	
December	30639	32848	19994	24882	24418		781	1049	1044	1463	1651	
<b>Totals</b>	<b>416016</b>	<b>425346</b>	<b>279229</b>	<b>349,993</b>	<b>287,952</b>	<b>51,852</b>	<b>11076</b>	<b>12560</b>	<b>12106</b>	<b>16091</b>	<b>18630</b>	<b>3336</b>

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

# NCDOT TPD NEWS



## N.C. Freight Plan

The Statewide Multimodal Freight Plan Update was adopted by NCDOT Board of Transportation on February 7, 2023. The plan can be viewed on the following website: <https://connect.ncdot.gov/projects/planning/Statewide-Freight-Plan/Pages/default.aspx>

## North Carolina Truck Network and Restrictions

Information can be found on line for designated truck routes: [Truck Network and Restrictions \(ncdot.gov\)](https://connect.ncdot.gov/business/trucking/Pages/Truck-Network-and-Restrictions.aspx) (<https://connect.ncdot.gov/business/trucking/Pages/Truck-Network-and-Restrictions.aspx>) There is also a link to “Posted Roads”, a system which records any secondary road on the State Highway System that is unable to carry heavy vehicles or equipment: [Posted Roads \(ncdot.gov\)](https://connect.ncdot.gov/resources/Asset-Management/Pages/Posted-Roads.aspx) (<https://connect.ncdot.gov/resources/Asset-Management/Pages/Posted-Roads.aspx>)

## FHWA News

### USDOT Responds to Roadway Safety Crisis

In response to the unacceptable increases in roadway fatalities, USDOT has committed to the [National Roadway Safety Strategy](#) (NRSS), a comprehensive strategy of priority actions to significantly reduce serious injuries and deaths while working toward zero roadway fatalities. At its core, the NRSS adopts a Department-wide [Safe System Approach](#) focused on five key objectives: safer people, safer roads, safer vehicles, safer speeds, and post-crash care. One year after the launch of the strategy, recent efforts include:

A [2023 report](#) documenting progress on 29 actions and announcing 14 new ones for the next year. An [online dashboard](#) also offers current information.

[Interactive maps](#) that illustrate the significant impacts to communities of motor vehicle-involved deaths of drivers, passengers, and people outside of vehicles who were walking, biking, or rolling.

## U.S. Census Data

The U.S. Census Bureau released the list of 2020 Census Urbanized Areas in December 2022. This list is based on revised criteria for Urbanized Areas. Tiger Web: <https://tigerweb.geo.census.gov/tigerweb2020/> \Shapefile: <https://www2.census.gov/geo/tiger/TIGER2020/UAC/>

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

*- NCDOT Mission Statement*

## Traffic Forecasts (TF)

Project Level Traffic Forecasting is an essential part of the planning process. The traffic forecast informs the design of STIP projects. See ongoing forecasts below:

- R-2632AB, R-5706: Cabarrus/ Mecklenburg, NC 73 from Davidson-Concord to US 29
- R-2246A: Cabarrus Concord George Liles
- U-5901: Rowan Salisbury Airport Parkway
- BR-0015: Davidson I-85 BUS

Please [click here](#) for ongoing and recent forecasts.



## Multimodal Planning Grants 2024

The N.C. Department of Transportation is accepting applications for the [2023 Multimodal Planning Grant Program](#), which provides planning funds for identifying bike and walking paths and transit connections.

The plans would address a comprehensive strategy, rather than a single project, for expanding bicycle and pedestrian opportunities in a community. The plans may address facilities, programs, policies and design guidelines that encourage safe walking and bicycling.

The deadline for applications to be submitted electronically is **5 p.m. April 10**. Award recipients are expected to be notified by July.

## Contact Us

Roger Castillo

**NCDOT TPD**

1 S. Wilmington Street  
Raleigh, NC 27601

(919) 707-0942

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

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

Upcoming	Date
Last day to submit adopted FY24 (U)PWP with resolution, 5-year planning calendar, and MPO self certification of long range planning. Documents are to be submitted with separate uploads for (U)PWP, self certification, and 5-year work plan.	March 15, 2023
Last day to submit revisions to TPD for (U)PWP with signatures	April 19, 2023
3rd Quarter 5303 Claim (January 1, 2023 to March 31, 2023) due	April 28, 2023

### NCDOT Statewide Plans:

To learn more, click on the following links:

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

### Other Plans:

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

### Helpful Links:

Click on links below to learn more:

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



**CRAFT Minutes**  
**Charlotte Regional Alliance For Transportation**  
**December 6, 2022**  
**10:00 AM/Locust City Hall, Locust, NC**

**Attendees: Theo Ghitea, Anna Gallup, Julio Paredes, Arthur Cashwell, Randi Gates, Scott Miller, Lee Snuggs.**

**ZOOM: Curtis Bridges, Juan Garcia, Neil Burke, Jennifer Stafford, Dominique Boyd, J. Andy Bailey, Agustin Rodriguez, Stephen Allen, David Hooper, J. Travis Johnson, Judy Dellert-O’Keef, Jerrel Leonard, Jason Lawrence, Phil Conrad, Roger Castillo, Temekia Dae, Theo Thompson, Robert Cook, Alex Riemondy, Brian Elgort, Alex Rotenberry, Kendall Clanton, Michelle Nance, Andy Grzymiski, Samanuel Martin, Loretta Barren, Stephen Allen, and Lee Snuggs.**

- 1. Welcome and Introductions:** Lee Snuggs opened the meeting by welcoming everyone to the December 6, 2022, CRAFT Technical Meeting.
- 2. September Meeting Recap:** Minutes from the September meeting were approved. David Hooper made the motion, seconded by Robert Cook.
- 3. Follow-up Semi-Annual Review:**
  - There were no new updates to share since the September, 2022, meeting.
- 4. UPWP Planning Priorities & Budgeting:**
  - It was noted that in the past, members have talked through the regional planning efforts that all were going to program into their PWP’s for the next fiscal year. To circulate similar language so that all had common verbiage regarding CRAFT in general and other projects that we were working on. The group was asked if anyone has anything they wanted to add, to take that same route as was done last year. For instance, someone drafting some language that could possibly be taken from what we had previously adopted in past PWP’s. 2024 PWP’s are due in March, 2023. This was discussed amongst the members.



## **5. Project Coordination:**

- Catawba Crossings Feasibility Study is completed. It ended with joint presentations to all the local government partners that were funding the study. Joint presentation between GCLMPO and CRTPO in November, 2022. Now, the next step possibly being some type of resolution of endorsement that local communities and MPO's can take action that way. Questions and discussions were conducted among the members.
- As a follow up initial comment from our last meeting regarding the Carowinds Blvd. Interchange, with the award from the state infrastructure bank and the money that your counties have put forward, this project is solidly funded. We certainly want to keep it on our radar being its proximity to the state line. Work is projected to be 3-4 years out.

## **6. Metropolitan Transportation Plan:**

- NC 2055 MTP will not begin until at least another year.
- CRTPO is making an effort to start earlier with our 2055 MTP than in the past. We planned the earlier start in an effort to coordinate some advancements learned from our 2050 MTP. CRTPO is currently advertising for consultant assistance that will run through January 9, 2023, hoping to select a consultant in February, 2023. We plan to actually start work on the 2055 MTP by spring, early summer 2023.
- RFATS - notable LRTP amendment related to the former Carolina Panther site with the counties and the Tepper's organization, appearing to reach an agreement regarding the bankruptcy proceeding and South Carolina's investment in the new interchange being added to I-77 @Exit 81. We have reallocated funding for the completion of two adjacent side roads, so that when the interchange construction work is finished, the area will be fully operational. Beyond that, we are not sighted to update our long range plan for a few years yet.

## **7. Project Transparency - ArcGIS Online Mapping:**

- Curtis Bridges provided a brief update on CRTPO regional mapping resources with the group.

## **8. Project Prioritization (NC Only):**

- New schedule was shared and discussed.
- Members and alternates were identified

## **9. CTP/Thoroughfare Planning (NC Only):**

- Anson County CTP Updates

- Others shared updates on other ongoing CTP's

**10. CATS:**

- Updates were shared with the group.

**11. Regional Transit Plan Implementation:**

- Overview was discussed.

**12. 2022 Census Urbanized Area Data Release**

- Census Data released was discussed.
- Full report can be found on [Census.gov](https://www.census.gov).

**13. Next Meeting:**

Host: GCLMPO/R. Gates

Date: January 24, 2023

**14. Adjournment**