

Cabarrus Rowan Urban Area
Metropolitan Planning Organization
Transportation Advisory Committee

Wednesday October 22, 2025

5:30 pm

**Dinner provided by
Town of Landis**

PUBLIC WIFI PASSWORD I-Love-Kannapolis!

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

Agenda

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

- Pledge of Allegiance
- Roll Call of Members for Quorum & Introduction of Guests
- List of Eligible TAC Voting Members
- Ethics Reminder
- Legislative or Board of Transportation Updates
- Chamber of Commerce Update
- Speakers from the Floor (3 minutes per speaker)
- Adjustments/Approval to the Agenda including Consent

CONSENT AGENDA

All items on the consent agenda are considered to be routine and may be enacted by one motion. If a TAC member requests discussion on an item, the item will be removed from the consent agenda and considered separately. The following items are presented for TAC consideration on the Consent Agenda:

2) Rider Transit Program of Projects (POP) **Phil Conrad**

INFORMATION: The Program of Projects is a list of proposed FTA grant requests to support the operations of Rider Transit in Fiscal Year 2026. Rider has elected to use the MPO Public Involvement procedures to process this annual requirement. Attachment 2 is the POP.

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

THIS CONCLUDES THE CONSENT AGENDA

3) Approval of August 27, 2025 minutes

TAC Chairman Smith

4) FY 2024-2033 MTIP Modification #12

Phil Conrad

INFORMATION: MPO staff typically brings amendments or modifications from recent NCDOT Board of Transportation agendas to the TCC/TAC for consideration. The first project modifications are statewide project additions: BN-0031, M-0392ADIV, M-0392AREG, HV-0001, and M-0392ASW. The second project modification is to add the 8th Street Greenway Hawk Signal (BL-0177). The third project modification is to add the Midlake Avenue Sidewalk project (BL-0178). The fourth project modification is to add engineering for the McCanless Road interchange project in FY 26 (BL-0176). The fifth project modification is to add the NC 3 and Windy Road roundabout (HL-0177). The sixth project modification is to add the Weddington Road and Rock Hill Church Road roundabout (HL-0178). The seventh project modification is to increase the cost greater than \$2 million or 25 percent for the Main Street Pedestrian Safety Improvements (HL-0064). The eighth project modification is to delay right-of-way to FY 26 for the Bethpage Road sidewalk (C-5603F). The ninth project modification is to delay right-of-way to FY 26 for the US 601/Flowes Store Road intersection improvements (C-5603I). The tenth project is to delay construction to FY 26 for the Concord Citywide Signal System project (HL-0123). The eleventh project is to add utilities in FY 26 for the US 29/Cannon Blvd intersection improvements (U-5761). Attachment 3 is a resolution modifying the MTIP for these projects.

ACTION/RECOMMENDATION: 1) Receive a report on modification #12 to the FY 2024-2033 MTIP and FY 2026-2035 MTIP; 2) Discuss; and 3) Consider endorsing modification #12 to the FY 2024-2033 MTIP and FY 2026-2035 MTIP.

5) Functional Classification System Review

Emily Stupka

INFORMATION: Functional classification is the process by which streets and highways are grouped into classes, or systems according to the character of service they are intended to provide. Generally, highways fall into one of four broad categories: principal arterials, minor arterials, collector roads, and local roads and are based on whether the area is urban or rural. Following the 2020 US Census and designation of urban area boundaries, the NCDOT conducts a review of the functional classification system. NCDOT staff has provided the maps and AADT point shapefiles to conduct this review. A list of the proposed functional classification system changes is included as attachment 4A.

ACTION/RECOMMENDATION: 1) Receive a report on the proposed Functional Classification System changes; 2) Discuss; and 3) Consider endorsing the proposed Functional Classification System changes as presented.

6) Performance-Based Planning: Safety Targets Phil Conrad

INFORMATION: The federal transportation legislation requires that State DOTs and MPOs adopt performance-based planning as a component of the metropolitan transportation planning process. The NCDOT has released the next round of safety targets for North Carolina and it is up to each MPO to either adopt these targets or devise their own targets. The proposed safety targets will be published on the MPO's website. A draft resolution in support of the new safety targets for 2026 is included as attachment 6A.

ACTION/RECOMMENDATION: 1) Receive a report on the NCDOT Safety Targets; 2) Discuss; and 3) Consider releasing the Safety Targets for public comment.

7) 2055 MTP and Transportation Conformity Update Phil Conrad

INFORMATION: The Cabarrus-Rowan MPO and the Metrolina Regional Partners have been working on the Transportation Conformity Analysis and Determination Report. This 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 (TIP) is a subset of the 2055 MTP, and that the Conformity Report is consistent with the approved State Implementation Plan (SIP) by EPA.

ACTION / RECOMMENDATION: 1) Receive an update on the 2045 MTP and Transportation Conformity Determination Report; 2) Discuss; and 3) Consider releasing the 2055 MTP and Metrolina Conformity Determination Report for public comment.

8) Reports / MPO Business Phil Conrad / TAC Members

- Local Reports – NCDOT Division 9 & 10/TPD – Alpesh Patel
- George Liles/Kannapolis Pkwy Lighting Project Update
- CMAQ Priority Submittal and Funding Update
- FY 26 Special Studies
- FY 26 Bike and Ped Demonstration Planning Studies
- Federal Funding Swap Memo

9) Information Items

Phil Conrad

- New NCDOT Secretary Daniel Johnson
- Rider and Salisbury Transit Ridership

Next meeting: November 19, 2025

- Agenda items for November TAC meeting





NORTH CAROLINA STATE ETHICS COMMISSION

SAMPLE¹

ETHICS AWARENESS & CONFLICT OF INTEREST REMINDER

(to be read by the Chair or his or her designee at the beginning of each meeting)

In accordance with the State Government Ethics Act, it is the duty of every [Board] member to avoid conflicts of interest.

Does any [Board] member have any known conflict of interest with respect to any matters coming before the [Board] today?

If so, please identify the conflict and refrain from any participation in the particular matter involved.

Rev 12-13-12

¹ N.C.G.S. §138A-15 (e): "At the beginning of any meeting of a board, the chair shall remind all members of their duty to avoid conflicts of interest under [Chapter 138A]." There is no set language required by the Act. Specific language can and should be tailored to fit the needs of each covered board as necessary.

***CABARRUS / ROWAN URBAN AREA
METROPOLITAN PLANNING
ORGANIZATION***



**FY 2025-2026 Program of Projects
Rider Transit System**

How to Make Comments

The Cabarrus-Rowan Metropolitan Planning Organization (MPO) is holding a public comment period on the Draft Program of Projects document from October 27th to November 24th. **Please submit any comments on the documents that you may have by Wednesday, November 24th to:**

email: pconrad@rlcassoc.com

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

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

Locations of Plan Materials:

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

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

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

Background

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

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

FY 2025-2026 Program of Projects

The FY 2025-2026 Program of Projects includes anticipated FTA formula grants under the following programs: Section 5303 Metropolitan Planning, Section 5307 Urbanized Formula, Section 5310 Enhanced Mobility of Seniors and Individuals with Disabilities, and Section 5339 Bus and Bus Facilities.

The FY 2025-2026 Program of Projects also includes State Maintenance Assistance Program (SMAP) funds administered by NCDOT.

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

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

Recommended Action: MPO Approval at the January 28 meeting.

Section 5307 Urbanized Area Formula Grants – FY 2025-2026

TG-5103C Preventive Maintenance: Contracted Maintenance Capital Costs

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

Total Costs:	Federal	Local	State
\$1,950,000	\$1,560,000	\$390,000	N/A

TG-5103A Routine Capital

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

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

TG-5103B Routine Capital – ADA Service

The City of Concord will apply for Federal operating assistance for Rider's ADA Paratransit Services. This includes fuel and operator salaries for this service.

Total Costs:	Federal	Local	State
\$700,000	\$560,000	\$140,000	N/A

TS-5116 Security Enhancements

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

Total Costs:	Federal	Local	State
\$100,000	\$100,000	N/A	N/A

TO-5138 Fixed Route Operating Expenses*

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

Total Costs:	Federal	Local	State
\$2,713,000	\$1,500,000	\$1,500,000	\$325,000

TA-5173**Replacement Vehicles**

The City of Concord may apply for Federal capital assistance to support the purchase of bus and paratransit vehicles to support increases in service using Section 5307 funds.

Total Costs:	Federal	Local	State
\$500,000	\$425,000	\$75,000	\$0

Section 5310 Enhanced Mobility of Seniors & Individuals with Disabilities – FY 2025-2026

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

Section 5310 Operating (TA-5128B)

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

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

Section 5310 Program Administration (TA-5128C)

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

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

Section 5310 Capital (TA-5128A)

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

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

Section 5339 Bus and Bus Facility Program – FY 2025-2026

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

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

Total Costs:	Federal:	Local:	State:
\$250,000	\$400,000	\$100,000	N/A

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

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

Total Costs:	Federal:	Local:	State: N/A
\$2,300,000	\$2,000,000	\$300,00	N/A

Section 5303 Planning Assistance – FY 2025-2026

Planning Assistance – 5303 (TP-5118)

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

Total Costs:	Federal:	Local:	State:
\$157,000	\$125,000	\$16,000	\$16,000

Specific projects to be considered in FY2025-2026:

- System Consolidation and Implementation Plan (Rider Transit and CCTS)
- Cabarrus County Long Range Public Transit Master Plan revisioning (Connecting Cabarrus)
- ADA Transition Plan
- Rider Transit Bus Stop Amenity Program (ongoing)
- Public Transportation Agency Safety Plan
- Electronic fare collection system upgrade
- ADA paratransit and revenue service/supervisor flex vehicle replacement procurement
- Evaluation of microtransit opportunities
- Transit operations service provider procurement
- Third-party development of the DBE plan and program goal
- Transportation project(s) to support older adults and people with disabilities (5310 dependent)

**RESOLUTION APPROVING THE FY 2025-2026 PROGRAM OF PROJECTS FOR FEDERAL
AND STATE TRANSIT GRANTS FOR THE CABARRUS-ROWAN MPO**

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

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

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

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

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

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

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

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

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

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

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

NOW Therefore be it resolved, by the Cabarrus-Rowan Transportation Advisory Committee, to approve the FY 2025-2026 Program of Projects, dated January 28, 2026, on this, the 28th day of January, 2026.

MINUTES

TRANSPORTATION ADVISORY COMMITTEE

Wednesday, August 27, 2025

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

Members

J.C. McKenzie	City of Concord
Carlton Jackson	City of Salisbury
Larry Pittman	Cabarrus County
Ron Smith	Town of Harrisburg
Greg Edds	Rowan County
Brittany Barnhardt	Town of Granite Quarry
Deloris High	Town of East Spencer
Ryan Dayvault	City of Kannapolis
Meredith Bare Smith	Town of Landis
Justin Simpson	Town of Mt. Pleasant
Wayne Starnes	Town of China Grove
Dillon Brewer	Town of Rockwell
Steve Miller	Town of Spencer
Mike Tallent	Town of Midland
Dale Peeler	Town of Faith

Others

Phil Conrad	CRMPO Director
Sean Epperson	NCDOT Division 10
John Rhyne	NCDOT Division 9
Connie Cunningham	CRMPO Staff
Albert Smith	Town of East Spencer
Karla Leonard	Rowan Chamber
Jared Mathis	City of Salisbury
D Randall Barger	Town of Faith
Beth Hassenfritz	City of Kannapolis
Ryan Nelms	Town of Landis
Terry Crawford	City of Concord
Rich Luhrs	Town of Granite Quarry
Doug Wilson	City of Kannapolis
Scott Miller	NCDOT-Division 10
Phillip Craver	NCDOT-Division 9
Craig Powers	Rowan County
Jason Hord	Town of Granite Quarry
Emily Stupka	NCDOT-TPB
Roger Castillo	NCDOT-TPB
Felix Obregon	NCDOT-Division 10

Call to Order

The CRMPO TAC Chairman Ron Smith called the meeting of the Cabarrus Rowan Metropolitan Planning Organization (CRMPO) TAC to order after a meal provided by the Town of Faith. CRMPO Director Phil Conrad acknowledged and thanked the Town of Faith officials for the meal.

CRMPO TAC Chairman Smith welcomed those in attendance and asked all present to stand and recite the Pledge of Allegiance to a flag displayed. After the pledge was recited, TAC Chairman Smith went on to call the roll of eligible voting TAC members and determined that a quorum had been met. He then asked everyone to go around the room and introduce themselves.

CRMPO Executive Director Phil Conrad read the NC State Ethics Commission Ethics Awareness and Conflict of Interest requirement and stated that if a conflict should arise during any part of the meeting; members should recuse themselves from that portion of the meeting.

CRMPO TAC Chairman Smith continued with the meeting and asked for any Chamber of Commerce updates. Mrs. Karla Leonard representing the Rowan Chamber reported to the TAC members that the interchange project for the Town of East Spencer has not been federally funded. This was on the Rowan Chambers list of priority projects they had lobbied for.

TAC Chairman Smith then asked if there were any speakers from the floor. With none heard he moved onto the consent agenda.

TAC Chairman Smith then requested any adjustments to Consent Agenda for the night's meeting. The first item under the Consent Agenda was FY 2024-2033 MTIP Modification #11. The second item was the RIDER Public Transportation Agency Safety Plan. With no adjustments being heard, Mr. Dillon Brewer made a motion to approve the Consent Agenda as presented. Mrs. Meredith Bare Smith seconded the motion and after no questions or discussion, the TAC members voted unanimously to approve.

Approval of May 26, 2025 Minutes

TAC Chairman Smith called members' attention to the minutes from the May 26, 2025 TAC meeting included in their meeting packets. Chairman Smith asked if there were any corrections or additions to the minutes. With no corrections or additions heard, Mr. Ryan Dayvault made a motion to approve the minutes as presented. Mrs. Brittney Barnhardt seconded the motion, and the TAC members followed with a unanimous vote to approve.

FY 2026-2029 TIP Conformity

CRMPO Director Phil Conrad reported to the TAC members that the Cabarrus-Rowan MPO and the Metrolina Regional Partners are working on an Air Quality Conformity Analysis and Determination Report for the 2026-2029 TIP. A copy of that report will be posted on the CRMPO website. Director Conrad went on to say that the TIP Conformity Report demonstrates that the financially constrained MTP's in the Metrolina Region meet national ambient air quality standards. He continued by stating that the report 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). Director Conrad informed the members that a public comment period concluded on August 20th. No comments have been received to date.

Phil went on to highlight Attachment #5 which was an excerpt from the TIP Conformity Report for their review. Phil reminded the members that this Conformity Report is done every two years and includes the four transit systems in the CRMPO area.

With no questions or discussion Mrs. Brittney Barnhardt made a motion to endorse resolution 5A which was the Air Quality Conformity Analysis and Determination for the 2026-2029 TIP. Mr. Justin Simpson seconded the motion. The CRMPO TAC members voted unanimously to

approve. Mr. JC McKenzie then made a motion to adopt the CRMPO MTIP for 2026-2029. Mrs. Delores High seconded that motion and the TAC members voted unanimously to approve.

STBG Program Project Call

CRMPO Director Phil Conrad reported to the CRMPO TAC members that the CRMPO issued a call for project proposals for the STPBG funding source. He went on to say that the call ended on August 8, 2025, and that Staff had received eight project requests from six project sponsors. The total cost of these projects is \$30.5 million.

CRMPO staff would propose using \$24.46 million in federal STPBG funds (80 percent) for all 8 projects. Director Conrad called members attention to Attachment 6A in their meeting packets. This attachment was a list of project proposals. Director Conrad directed members to Attachment 6B which was each application and information for each of the projects.

A power point presentation was provided by Mrs. Beth Hassenfritz while she reviewed the information on the two City of Kannapolis projects with members. Mr. Jared Mathis with the City of Salisbury also provided a power point presentation on the City's two projects. Power point presentations were also provided by Mr. Jason Hord, on the Town of Granite Quarry's one project, Craig Powers on Rowan County's project, JC McKensie on the City of Concord's projects and Mr. Sean Epperson on a Cabarrus County project. Director Conrad praised the staff from each of these jurisdictions on their hard work in putting these applications together and submitting them.

After lengthy discussions and questions regarding the eight project proposals, Mr. Ryan Dayvault made a motion to endorse all eight project application proposals as presented to the group. Mr. JC McKenzie seconded the motion and the CRMPO TAC members voted unanimously to approve.

DRAFT 2028-2037 TIP Project Call

Director Conrad informed the TAC members that with the recent adoption of the 2026-2035 TIP in July, CRMPO staff has prepared a schedule for identifying and adopting the next STI list for the CRMPO area. Director Conrad went on the state that the first step was to have a call for new projects (all modes) and the deadline for submitting new projects was May 9, 2025. Phil also noted that there were no new submittals due to the decrease in submittal slots by mode from 23 to 16 for the CRMPO area.

Phil highlighted Attachment 7 which was a list of the current projects to be evaluated in P8 by NCDOT for those limited slots. There was discussion around combining the NC 3 projects Dale Earnhardt to US 601 (U-5773) to create an opening for the Odell School Road widening. After review and lengthy discussion, Mr. Ryan Dayvault made a motion to endorse the project list with Odell School Road added, for quantitative review. Mr. J.C. McKenzie seconded that motion and the TAC members unanimously approved.

Funding Swap Request

CRMPO Director Phil Conrad reported to the TAC member that NCDOT is proposing the swapping of funding sources for several projects within the CRMPO area. He added this could potentially help NCDOT secure additional federal funding for North Carolina. Phil explained that the funding swap involves switching \$6.7 million of CRMPO's Surface Transportation Block Grant-Direct Attributable (STBG-DA) federal funds for \$6.7 million in other flexible federal funds in the years the STBG-DA funds were programmed.

Phil went on to say that there would be no impact on schedules, local matches, or project management requirements resulting from the swap. He directed members to Attachment 8 in their meeting packets which was an email from NCDOT staff explaining the request and proposed swap. After review, Mrs. Meredith Bare Smith made a motion to endorse the request from NCDOT for the fund swap as proposed. Mr. Justin Simpson seconded the motion and the CRMPO TAC members voted unanimously to approve.

Reports/CRMPO Business

Local Reports - NCDOT Division 9 & 10 – Mr. John Rhyne, NCDOT Division 9 reported to the TAC members that Division 9 updates were included in their meeting packet.

Mr. Felix Obregon, NCDOT Division 10 noted the Division 10's report included in their packet. He then went on to highlight a spreadsheet of Division 10 project updates.

1. Functional Classification Update – Mrs. Emily Stupka and Mr. Roger Castillo reported on the functional classification review as information.
2. 2055 MTP Update and Public Survey – Director Conrad called members' attention to information contained in their packets on the update and reported that they are working with a sub-contractor.
3. FY 26 Special Studies – Director Conrad reported that there are funds available.
4. FY 26 Bike and Ped Demonstration Planning Studies – Director Conrad reported that there are funds available.
5. CMAQ Priority Submittal and Funding Update – Director Conrad reported that CRMPO staff is still waiting on a couple of submittals from a project sponsor.

Informational Items

- RIDER Transit and Salisbury Transit Ridership Information - Phil highlighted the ridership information included in the TAC packets.

Next Meeting : September 24, 2025

Adjournment

With no other business to bring before the TAC, Mr. Ryan Dayvault made a motion that the meeting be adjourned. Mrs. Brittney Barnhardt seconded the motion, and the meeting was adjourned.

RESOLUTION ADOPTING MODIFICATION #12 TO THE CABARRUS-ROWAN
METROPOLITAN TRANSPORTATION IMPROVEMENT PROGRAM FOR FY 2024-2033
AND FY 2026-2035

WHEREAS, the Metropolitan Transportation Improvement Program (MTIP) is a staged multiple year listing of all federally funded transportation projects scheduled for implementation within the Cabarrus-Rowan Urban Area which have been selected from a priority list of projects; and

WHEREAS, the document provides the mechanism for official endorsement of the program of projects by the Transportation Advisory Committee (TAC); and

WHEREAS, the Transportation Advisory Committee has reviewed the current FY 2024-2033 Transportation Improvement Program and FY 2026-2035 Transportation Improvement Program , dated October 1, 2023, and found the need to modify it;

WHEREAS, the following attached modification has been proposed.

WHEREAS, Projects listed in the MTIP are also included in the State TIP (STIP) and balanced against anticipated revenues as identified in the STIP; and

WHEREAS, the Metropolitan Transportation Plan has a planning horizon year of 2050, and meets all the requirements in 23 CFR 450; and

WHEREAS, the Transportation Advisory Committee has found that the Transportation Improvement Program conforms to the purpose of the North Carolina State Implementation Plan *(or interim emissions tests in areas where no SIP is approved or found adequate)* for maintaining the National Ambient Air Quality Standards in accordance with 40 CFR 51 & 93; and

WHEREAS, the Transportation Advisory Committee has determined that the proposed modification is exempt from the requirements for determining air quality conformity in accordance with 40 CFR 93.127.

NOW THEREFORE, be it resolved by the Cabarrus-Rowan Urban Area Transportation Advisory Committee that the FY 2024-2033 Metropolitan Transportation Improvement Program dated October 1, 2023, for the Cabarrus Rowan Urban Area Metropolitan Planning Organization be modified as listed above on this the 22nd day of October, 2025.

I, Ron Smith, Transportation Advisory Committee Chair, do hereby certify that the above is a true and correct copy of the excerpt from the minutes of a meeting of the Cabarrus-Rowan Transportation Advisory Committee, duly held on the 22nd day of October 2025.

Ron Smith, Chair
Transportation Advisory Committee

Modifications to the 2024-2033 STIP and 2026-2035 STIP

Statewide project additions: BN-0031, M-0392ADIV, M-0392AREG, HV-0001, and M-0392ASW.

- The second project modification is to add the 8th Street Greenway Hawk Signal (BL-0177).
- The third project modification is to add the Midlake Avenue Sidewalk project (BL-0178).
- The fourth project modification is to add engineering for the McCanless Road interchange project in FY 26 (BL-0176).
- The fifth project modification is to add the NC 3 and Windy Road roundabout (HL-0177).
- The sixth project modification is to add the Weddington Road and Rock Hill Church Road roundabout (HL-0178).
- The seventh project modification is to increase the cost greater than \$2 million or 25 percent and delay construction to FY 26 for the Main Street Pedestrian Safety Improvements (HL-0064).
- The eighth project modification is to delay right-of-way to FY 26 for the Bethpage Road sidewalk (C-5603F).
- The ninth project modification is to delay right-of-way to FY 26 for the US 601/Flowers Store Road intersection improvements (C-5603I).
- The tenth project is to delay construction to FY 26 for the Concord Citywide Signal System project (HL-0123).
- The eleventh project is to add utilities in FY 26 for the US 29/Cannon Blvd intersection improvements (U-5761).

REVISIONS TO THE 2024-2033 STIP AND 2026-2035 STIP
HIGHWAY PROGRAM

STATEWIDE PROJECT

STIP ADDITIONS

* BN-0031 - STATEWIDE PROJECT
STATEWIDE
PROJ.CATEGORY
DIVISION

VARIOUS, LOCATIONS STATEWIDE. CONSTRUCT
PEDESTRIAN SAFETY IMPROVEMENTS.
ADD PROJECT AT THE REQUEST OF THE
TRANSPORTATION MOBILITY AND SAFETY DIVISION.

ENGINEERING
RIGHT-OF-WAY
UTILITIES
CONSTRUCTION

FY 2026 -	\$2,600,000	(TAANY)
FY 2026 -	\$1,000,000	(TAANY)
FY 2026 -	\$2,000,000	(TAANY)
FY 2026 -	<u>\$21,400,000</u>	(TAANY)
	\$27,000,000	

M-0392ADIV - STATEWIDE PROJECT
STATEWIDE
PROJ.CATEGORY
DIVISION

VARIOUS, LOCATIONS STATEWIDE, DIVISION NEEDS
FUNDING. FUNDING FOR HYDRAULICS, PRELIMINARY
ENGINEERING FOR MISCELLANEOUS PROJECTS.
ADD PROJECT BREAK AT THE REQUEST OF THE
HYDRAULICS UNIT.

ENGINEERING

FY 2026 -	\$30,000	(T)
FY 2027 -	\$30,000	(T)
FY 2028 -	\$30,000	(T)
FY 2029 -	\$30,000	(T)
FY 2030 -	\$30,000	(T)
FY 2031 -	\$30,000	(T)
FY 2032 -	\$30,000	(T)
FY 2033 -	\$30,000	(T)
AFTER FY 2033 -	<u>\$30,000</u>	(T)
	\$270,000	

M-0392AREG - STATEWIDE PROJECT
STATEWIDE
PROJ.CATEGORY
REGIONAL

VARIOUS, LOCATIONS STATEWIDE, REGIONAL IMPACT
FUNDING. FUNDING FOR HYDRAULICS, PRELIMINARY
ENGINEERING FOR MISCELLANEOUS PROJECTS.
ADD PROJECT BREAK AT THE REQUEST OF THE
HYDRAULICS UNIT.

ENGINEERING

FY 2026 -	\$30,000	(T)
FY 2027 -	\$30,000	(T)
FY 2028 -	\$30,000	(T)
FY 2029 -	\$30,000	(T)
FY 2030 -	\$30,000	(T)
FY 2031 -	\$30,000	(T)
FY 2032 -	\$30,000	(T)
FY 2033 -	\$30,000	(T)
AFTER FY 2033 -	<u>\$30,000</u>	(T)
	\$270,000	

REVISIONS TO THE 2024-2033 STIP AND 2026-2035 STIP
HIGHWAY PROGRAM

STATEWIDE PROJECT

STIP ADDITIONS

M-0392ASW	- STATEWIDE PROJECT	VARIOUS, LOCATIONS STATEWIDE, STATEWIDE	ENGINEERING	FY 2026 -	\$40,000	(T)
STATEWIDE		MOBILITY FUNDING. FUNDING FOR HYDRAULICS,		FY 2027 -	\$40,000	(T)
PROJ.CATEGORY		PRELIMINARY ENGINEERING FOR MISCELLANEOUS		FY 2028 -	\$40,000	(T)
STATEWIDE		PROJECTS.		FY 2029 -	\$40,000	(T)
		<u>ADD PROJECT BREAK AT THE REQUEST OF THE</u>		FY 2030 -	\$40,000	(T)
		<u>HYDRAULICS UNIT.</u>		FY 2031 -	\$40,000	(T)
				FY 2032 -	\$40,000	(T)
				FY 2033 -	\$40,000	(T)
				AFTER FY 2033 -	\$40,000	(T)
					\$360,000	

REVISIONS TO THE 2024-2033 STIP AND 2026-2035 STIP
HIGHWAY PROGRAM

CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION

STIP ADDITIONS

* BL-0177 ROWAN PROJ.CATEGORY DIVISION	- CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION	8TH STREET GREENWAY HAWK, KANNAPOLIS. INSTALL PEDESTRIAN SIGNAL. <u>ADD PROJECT AT THE REQUEST OF THE MPO.</u>	ENGINEERING RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2026 - FY 2026 - FY 2027 - FY 2027 - FY 2027 - FY 2027 - FY 2027 - FY 2027 -	\$56,000 \$14,000 \$28,000 \$7,000 \$50,000 \$13,000 \$348,000 \$87,000	(BGDA) (L(M)) (BGDA) (L(M)) (BGDA) (L(M)) (BGDA) (L(M))
					\$603,000	
* BL-0178 CABARRUS PROJ.CATEGORY DIVISION	- CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION	SR 2198 (MIDLAKE AVENUE) IN KANNAPOLIS, SR 2114 (CENTERGROVE ROAD) TO BRANTLEY ROAD, CONSTRUCT SIDEWALK. <u>ADD PROJECT AT THE REQUEST OF THE MPO.</u>	ENGINEERING RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2026 - FY 2026 - FY 2027 - FY 2027 - FY 2027 - FY 2027 - FY 2029 - FY 2029 -	\$396,000 \$99,000 \$240,000 \$60,000 \$60,000 \$15,000 \$3,963,000 \$991,000	(BGDA) (L(M)) (BGDA) (L(M)) (BGDA) (L(M)) (BGDA) (L(M))
					\$5,824,000	
* HL-0176 ROWAN PROJ.CATEGORY DIVISION	- CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION	MCCANLESS ROAD, I-85. CONSTRUCT INTERCHANGE RAMPS. <u>ADD PROJECT AT THE REQUEST OF THE MPO.</u>	ENGINEERING	FY 2026 - FY 2026 -	\$3,286,000 \$822,000	(BGDA) (L(M))
					\$4,108,000	
* HL-0177 CABARRUS PROJ.CATEGORY DIVISION	- CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION	NC 3, SR 1442 (WINDY ROAD) INTERSECTION IN CONCORD. CONSTRUCT ROUNDABOUT. <u>ADD PROJECT AT THE REQUEST OF THE MPO.</u>	ENGINEERING RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2026 - FY 2026 - FY 2027 - FY 2027 - FY 2027 - FY 2027 - FY 2029 - FY 2029 -	\$224,000 \$56,000 \$240,000 \$60,000 \$113,000 \$29,000 \$1,448,000 \$362,000	(BGDA) (L(M)) (BGDA) (L(M)) (BGDA) (L(M)) (BGDA) (L(M))
					\$2,532,000	

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2024-2033 STIP AND 2026-2035 STIP
HIGHWAY PROGRAM

CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION

STIP ADDITIONS

* HL-0178 CABARRUS PROJ.CATEGORY DIVISION	- CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION	SR 1431 (WEDDINGTON ROAD), SR 1414 (ROCK HILL CHURCH ROAD) INTERSECTION IN CONCORD, CONSTRUCT ROUNDABOUT. <u>ADD PROJECT AT THE REQUEST OF THE MPO.</u>	CONSTRUCTION	FY 2027 - \$2,400,000 (BGDA) FY 2027 - \$600,000 (L(M)) \$3,000,000
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STIP MODIFICATIONS

* HL-0064 ROWAN PROJ.CATEGORY DIVISION	- CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION	US 29 (MAIN STREET), KERR STREET TO HORAH STREET IN SALISBURY. CONSTRUCT PEDESTRIAN SAFETY IMPROVEMENTS. <u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS. TO ALLOW ADDITIONAL TIME FOR RIGHT-OF-WAY, DELAY CONSTRUCTION FROM FY 25 TO FY 26.</u>	CONSTRUCTION	FY 2026 - \$4,809,000 (BGDA) FY 2026 - \$1,202,000 (L(M)) FY 2027 - \$10,568,000 (BGDA) FY 2027 - \$2,642,000 (L(M)) \$19,221,000
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* INDICATES FEDERAL AMENDMENT

Thursday, October 2, 2025

REVISIONS TO THE 2024-2033 STIP AND 2026-2035 STIP
HIGHWAY PROGRAM

STATEWIDE PROJECT

STIP MODIFICATIONS

* HV-0001	- STATEWIDE PROJECT	VARIOUS, LOCATIONS STATEWIDE. CONSTRUCTION OF ELECTRIC VEHICLE SUPPLY EQUIPMENT ALONG NORTH CAROLINA'S ALTERNATIVE CORRIDORS AND NEVI PLANNING.	ENGINEERING	FY 2026 -	\$9,202,000	(NEVI)
STATEWIDE			CONSTRUCTION	FY 2026 -	<u>\$91,702,000</u>	(NEVI)
PROJ.CATEGORY					\$100,904,000	
DIVISION		<u>ADD PRELIMINARY ENGINEERING AND CONSTRUCTION IN FY 26. THIS ACTION ADDS THESE PHASES TO THE 2026-2035 STIP.</u>				

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2024-2033 STIP AND 2026-2035 STIP
HIGHWAY PROGRAM

CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION

STIP MODIFICATIONS

C-5603F CABARRUS PROJ.CATEGORY EXEMPT	- CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION	SR 1643 (BETHPAGE ROAD), SR 1008 (SOUTH MAIN STREET) TO LEONARD AVENUE, AND WESTGREEN DRIVE TO KLONDALE AVENUE IN KANNAPOLIS. CONSTRUCT SIDEWALK. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY RIGHT-OF-WAY FROM FY 25 TO FY 26.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2026 -	\$94,000	(CMAQ)
				FY 2026 -	\$23,000	(L(M))
				FY 2026 -	\$1,892,000	(CMAQ)
				FY 2026 -	\$473,000	(L(M))
					\$2,482,000	
C-5603I CABARRUS PROJ.CATEGORY EXEMPT	- CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION	US 601, SR 1132 (FLOWES STORE ROAD) TO SR 1153 (ZION CHURCH ROAD), AND SR 1132 (FLOWES STORE ROAD) INTERSECTION IN CONCORD. CONSTRUCT SIDEWALKS AND INTERSECTION IMPROVEMENTS. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY RIGHT-OF-WAY FROM FY 25 TO FY 26.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2026 -	\$200,000	(CMAQ)
				FY 2026 -	\$50,000	(L(M))
				FY 2026 -	\$3,905,000	(CMAQ)
				FY 2026 -	\$976,000	(L(M))
					\$5,131,000	
HL-0123 CABARRUS PROJ.CATEGORY EXEMPT	- CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION	VARIOUS, LOCATIONS IN CONCORD. UPGRADE SOFTWARE FOR CONCORD CITYWIDE SIGNAL SYSTEM. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY CONSTRUCTION FROM FY 25 TO FY 26.</u>	ENGINEERING CONSTRUCTION	FY 2025 -	\$800,000	(CRPDA)
				FY 2025 -	\$200,000	(L(M))
				FY 2026 -	\$400,000	(CRPDA)
				FY 2026 -	\$100,000	(L(M))
					\$1,500,000	
U-5761 CABARRUS PROJ.CATEGORY REGIONAL	- CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION	NC 3 (DALE EARNHARDT BOULEVARD), US 29 / US 601 (CANNON BOULEVARD) INTERSECTION. CONSTRUCT INTERSECTION IMPROVEMENTS. <u>ADD UTILITIES IN FY 26 NOT PREVIOUSLY PROGRAMMED.</u>	UTILITIES CONSTRUCTION	FY 2026 -	\$10,000	(T)
				FY 2027 -	\$1,790,000	(T)
				FY 2027 -	\$1,053,000	(T)
				FY 2028 -	\$4,617,000	(T)
				FY 2029 -	\$2,430,000	(T)
					\$9,900,000	

* INDICATES FEDERAL AMENDMENT

Thursday, September 3, 2025



NORTH CAROLINA
Department of Transportation

CRMPO Post-Census Statewide Functional Classification Review

August 2025

NCDOT-TPD

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

Agenda

- What is Functional Classification?
- Why is Functional Classification important and why are we reviewing it across the state?
- Timeline of the process
- CRMPO Request Table and Maps

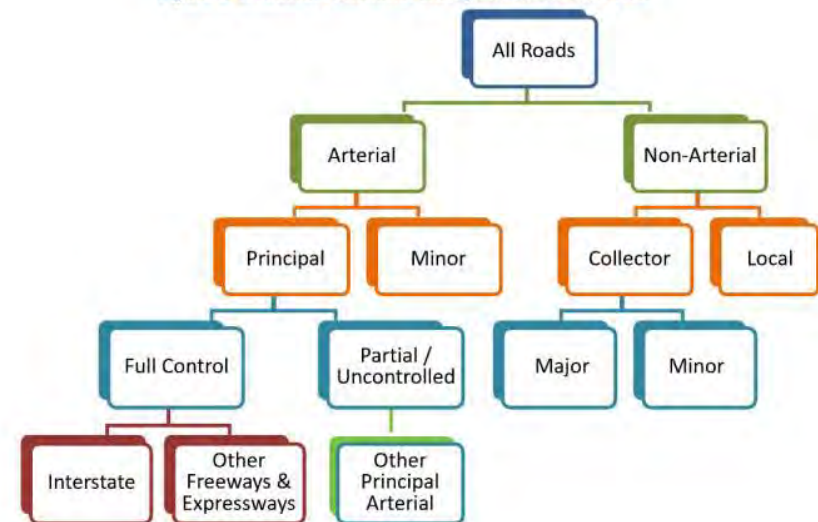


What is Functional Classification?

- **Functional classification** is the process of **grouping** streets and highways into **classes** according to the **character of service** they are intended to provide.
- Factors considered in Functional Classification:
 - Efficiency of Travel
 - Collectors
 - Access Points
 - Speed Limit
 - Route Spacing
 - Usage- AADT, VMT
 - Number of Travel Lanes
 - Regional and Statewide Significance
 - System Continuity

Highway Functional Classification: Concepts, Criteria and Procedures

Figure 3-4: Federal Functional Classification Decision Tree



Source: FHWA and CDM Smith

Why is Functional Classification important and why are we reviewing it?

- FHWA must review and update the functional classification post-census nationwide
- The NCDOT Transportation Planning Division (TPD) is responsible for processing updates to the Federal Functional Classification System in North Carolina
- In addition to NCDOT, Metropolitan Planning Organizations need to approve functional classification change requests
- Determining eligibility for funding under the Federal-aid program
- Accurate roadway functional classification system ensures that Federal Aid funds are allocated where they are needed most.
- Data management and reporting accurate classifications

*Note: Functional Classification change requests can be made outside of this post-decennial census update process. The MPO can still make requests to the Transportation Planning Division if a road's classification needs to be updated.

CRMPO's Functional Classification Review Timeline

Date	Step
March 2025	Training session to POs and TPD to learn about the process
April 2025	MPO submitted initial requests, and TPD reviewed
May 2025	TCC/TAC approved initial requests
June 2025	Reviewed requests with MPO & Towns, and made edits to requests based on feedback
July 2025	Reviewed comments from Review Committee and discussed with MPO & Towns; TPD made edits to requests based on feedback
September 2025	Final submissions to NCDOT for last review by the Review Committee
November 7, 2025	Approval from MPO Boards due
November 2025	Submissions to be sent to FHWA
December 2025	Final approval by FHWA

Original Request ID	New Request ID	Roadway	From	To	Proposed FC	Existing FC	AADT	Descriptions	County	Change from Original	Timeline
1	1	St. Pauls Church Rd	Glover Rd	Faith Rd	6 - Minor Collector	7 - Local	3100	Connectivity between end of St. Pauls Church Rd and Faith Rd	Rowan	None	
2	2	China Grove Rd	US 29	Bostian Rd	5 - Major Collector	7 - Local	1800	Connectivity between US 29 and Old Beatty Ford Rd	Rowan	Changed to 6 - Minor Collector	Changed based on feedback from the review committee
3	3	Old Beatty Ford Rd / Lentz Rd	US 29	Lentz Rd	5 - Major Collector	7 - Local	6600	Connectivity to I-85 and industrial development and to the Town of Landis	Rowan	Limits changed to US 29 and Old Concord Rd	Changes made during initial meeting with towns
4	4	Coach Deal Rd/Bostian Rd	US 29 (S Main St)	Daugherty Rd	5 - Major Collector	7 - Local	1700	Connectivity from the Town of Landis to Beaver St	Rowan	Limits changed to S Main St to Old Beatty Ford Rd	Changed based on feedback from the review committee
5	5	Beaver St/Daugherty Rd	End of Beaver St	Bostian Rd	5 - Major Collector	7 - Local	1700	Provides connectivity between end of Beaver St and Bostian/Coach Deal Rd	Rowan	Limits changed to Ryder Ave to NC 152	Changed made during initial meeting with towns
6	6	Pharr Mill Rd	NC 49	Rocky River Rd	6 - Minor Collector	7 - Local	8000	Connectivity from NC 49 to Rocky River Rd. Traffic has increased substantially.	Cabarrus	None	
7	7	Blackwelder Rd	NC 49	Roberta Rd	6 - Minor Collector	7 - Local	4400	Connectivity from NC 49 to Roberta Rd. Traffic has increased substantially.	Cabarrus	None	
8	8	Jim Johnson Rd	NC 73	Odell School Rd	6 - Minor Collector	7 - Local	2400	Connectivity from NC 73 to Odell School Rd. Traffic has increased substantially.	Cabarrus	None	
9	N/A	Moose Rd	End of Moose Rd	Lentz Rd	5 - Major Collector	7 - Local	1900	Connectivity from end of Moose Rd to Old Beatty Ford Rd	Rowan	Removed	Removed during initial meeting with towns
10	10	Andrews St	I-85	N Long St	6 - Minor Collector	7 - Local	6100	Connectivity between I-85 and N. Long Street	Rowan	None	
11	11	Briggs Rd	Mooresville Rd (NC 150)	Sherrills Ford Rd	5 - Major Collector	6 - Minor Collector	4100	Connectivity between Mooresville Rd and ultimately US 70	Rowan	None	
12	12	Barringer Rd	Sherrills Ford Rd	US 70	5 - Major Collector	6 - Minor Collector	4000	Connectivity between US 70 and ultimately NC 150 or Mooresville Rd	Rowan	None	
13	13	Rocky River Road	Lower Rocky River Road	Mecklenburg County Line	4 - Minor Arterial	5 - Major Collector	14000	Primary connection serving high demand from intra-area travel between central business district and outlying residential areas and schools and access to interstate system.	Cabarrus	None	
14	N/A	Harrisburg Veterans Road	HWY 49	Stallings Road	4 - Minor Arterial	None	15000	Primary connection serving high demand from intra-area travel between central business district and outlying residential areas and schools.	Cabarrus	Removed beause it was submitted as a separate request before process	Removed during meeting with review committee
15	N/A	Tom Query	Caldwell Road	Robinson Church Road	5 - Major Collector	7 - Local	7000	Serves as the primary collector between Caldwell Road and Harrisburg Veterans road which are the two primary connctions crossing the RR dividing the souther portion of primarily residential Harrisburg to the HWY 49 business corridor.	Cabarrus	Removed beause it was submitted as a separate request before process	Removed during meeting with review committee
16	16	Morehead Rd	US 29	Mecklenburg County Line	5 - Major Collector	7 - Local	13000	Serves as connection between US 29 and Speedway to Mecklenburg County and Salome Church Rd	Cabarrus	None	
17	18	Weddington Rd	Pitts School Rd	Bruton-Smith Blvd	3 - Other Principal Arterial	7 - Local	20000	Connectivity to Bruton-Smith Blvd/Concord Mills Blvd from Pitts School Rd and eastern side of Concord	Cabarrus	Combined with the next request so limits are now Pitts School Rd and Old Holland and changed to Major Collector.	Changed based on reviews with TPD
18	N/A	Weddington Rd	Bruton-Smith Blvd	Old Holland Rd	4 - Minor Arterial	7 - Local	9600	Extends all the way to Old Holland Rd adding connectivity to Bruton-Smith Blvd/Concord Mills Blvd	Cabarrus	See comment above	Changed based on reviews with TPD
19	19	Old Holland Rd	Weddington Rd	Mecklenburg County Line	5 - Major Collector	7 - Local	9600	Connectivity between Weddington Rd and Morehead Rd	Cabarrus	None	
20	20	Lake Concord	NC-3 (Branchview Dr)	Burrage Rd	5 - Major Collector	9 - Local	1300	Connectivity between NC-3 and Burrage Rd	Cabarrus	None	
21	21	Country Club Dr NE	NC-3 (Concord Lake Rd / Branchview Dr)	US-29	5 - Major Collector	10 - Local	8900	Connectivity between US-29 and NC-3	Cabarrus	Changed to 6 - Minor Collector	Changed based on feedback from the review committee
22	22	Archibald Rd	Zion Church Rd	Rocky River Rd	6 - Minor Collector	11 - Local	2500	Connectivity between Zion Church Rd and Rocky River Rd	Cabarrus	None	
23	23	Goodman Rd/Glen Afton Blvd	Poplar Tent Rd	Kannapolis Pkwy	5 - Major Collector	14 - Local	NA	Goodman Rd was realigned with Glen Afton Blvd providing connnectivity between Poplar Tent Rd and Kannapolis Pkwy	Cabarrus	None	
24	24	Kerr St	McGill Ave NW	Cabarrus Ave NW	6 - Minor Collector	15 - Local	3700	Connectivity between McGill Ave NW and Cabarrus Ave NW	Cabarrus	None	
25	25	Burrage Rd	NC-3 (Branchview Dr)	Old Salisbury-Concord Rd	5 - Major Collector	17 - Local	3100	Connectivity between NC-3 and Old Salisbury-Concord Rd	Cabarrus	Changed to 6 - Minor Collector	Changed made during initial meeting with towns
26	26	Deal St	Old Salisbury-Concord Rd	NC-73 (Corban Ave SW)	5 - Major Collector	18 - Local	2300	Connectivity between Old Salisbury-Concord Rd and NC-73	Cabarrus	Changed to 6 - Minor Collector	Changed made during initial meeting with towns

Original Request ID	New Request ID	Roadway	From	To	Proposed FC	Existing FC	AADT	Descriptions	County	Change from Original	Timeline
27	27	Zion Church Rd E	Zion Church Rd	US-601	5 - Major Collector	19 - Local	6800	Connectivity between Zion Church Rd and US-601	Cabarrus	None	
28	28	Brookwood Ave	NC-3 (Branchview Dr)	Burrage Rd	6 - Minor Collector	20 - Local	1200	Connectivity between NC-3 and Burrage Rd	Cabarrus	None	
29	29	Cochran Rd	Pitts School Rd	Roberta Rd	5 - Major Collector	7 - Local	1800	Connectivity between Pitts School Rd and Roberta Rd	Cabarrus	Changed to 6 - Minor Collector	Changed made during initial meeting with towns
30	30	George W Liles	I-85	Roberta Rd	3 - Other Principal Arterial	4 - Minor Arterial	37500	Traffic has increased substantially.	Cabarrus	Changed limits to I-85 to NC 49	Changed made during initial meeting with towns
31	31	Odell School Rd	NC-73	Poplar Tent Rd	4 - Minor Arterial	5 - Major Collector	11500	Traffic has increased substantially.	Cabarrus	Changed limits to NC 73 to Mecklenburg County Line	Changed made during initial meeting with towns
32	32	Cox Mill Rd	Poplar Tent Rd	Christenbury Pkwy	4 - Minor Arterial	6 - Minor Collector	7800	Traffic has increased substantially.	Cabarrus	Changed to 5 - Major Collector	Changed made during initial meeting with towns
33	33	Odell School Rd	NC-73	Mooreville Rd	5 - Major Collector	6 - Minor Collector	12000	Traffic has increased substantially.	Cabarrus	None	
33	34	Rogers Lake Road	Isenhour Road	Kannapolis Parkway	5 - Major Collector	7 - Local	7100	Rogers Lake Road is classified as a major collector from Dale Earnhardt Blvd to Isenhour Road but the remaining City-Maintained portion section is unclassified. The City requests to update the functional class for consistency.	Cabarrus	None	
34	35	Brantley Road	Jackson Park Rd/Lane Street	Old Salisbury Concord Rd	6 - Minor Collector	7 - Local	3400	Development to the area has increased traffic, including Metro63 and new business on Lane Street, a City of Kannapolis Growth Node. Brantley provides a parallel route to Lane street and connects to Lane Street at NC 29	Cabarrus	None	
36	36	NC 3 (Mooreville Rd)	Kannapolis Parkway (SR1624)	Dale Earnhardt Boulevard	3 - Other Principal Arterial	4 - Minor Arterial	13000	Added to be consistent between Kannapolis Pkwy and Dale Earnhardt	Cabarrus	None	
35	37	Midlake Avenue	Brantley Road	Centergrove Road	6 - Minor Collector	7 - Local	3900	Midlake parallels Little Texas Road and currently functions as a cut through for traffic from Brantley - Centergrove - Dale Earnhardt Blvd.	Cabarrus	None	
36	38	Kannapolis Parkway (SR1624)	Mooreville Rd	I-85	3 - Other Principal Arterial	4 - Minor Arterial	38500	Sections of Kannapolis Parkway are shown as having 5-25% growth between Mooreville Road and I-85. This has become a major north-south connector with significant growth in the area.	Cabarrus	None	
37	39	Dale Earnhardt Boulevard	I-85	Centergrove Road	3 - Other Principal Arterial	5 - Major Collector	17500	This portion of DEB is classified as a Major Collector while the remainder is classified as a Minor arterial. City recommends reclassifying the entire section to Principal Arterial due to 10-25% growth along corridor. 667 Residential units (Loop yard, concord lake townhomes, concord lake apartments) and additional commercial are in development along the corridor.	Cabarrus	None	
38	40	Dale Earnhardt Boulevard	Centergrove Road	West C Street	3 - Other Principal Arterial	4 - Minor Arterial	18500	City recommends reclassifying the entire section to Principal Arterial due to 10-25% growth along corridor. 886 (Bainbridge, Crestfield, Millstone) residential units are approved along N Loop/DEB and additional commercial projects.	Cabarrus	None	
39	41	North Loop Road	West C Street	NC 29	3 - Other Principal Arterial	4 - Minor Arterial	11000	City recommends reclassifying the entire section to Principal Arterial due to 10-25% growth along corridor. 886 residential units are approved along N Loop/DEB and additional commercial projects.	Cabarrus/Rowan	None	
40	N/A	Jackson Park Road	N. Main Street (NC29)	Lane Street	3 - Other Principal Arterial	4 - Minor Arterial	8800	City recommends reclassifying the entire section to Principal Arterial due to 10-25% growth along corridor. 886 residential units are approved along N Loop/DEB and additional commercial projects as well	Cabarrus	Removed	Removed during initial meeting with towns
N/A	43	Peach Orchard Rd	I-85	Old Concord Rd	5 - Major Collector	7 - Local	N/A	Reclassify due to connection to Interstate	Rowan	Added	Added based on TPD review
N/A	44	Peeler Rd	US 29 (S Main St)	Old Concord Rd	5 - Major Collector	7 - Local	4700	Reclassify due to connection to Interstate	Rowan	Added	Added based on TPD review
N/A	45	Webb Rd	I-85	Old Concord Rd	5 - Major Collector	7 - Local	0	Reclassify due to connection to Interstate	Rowan	Added	Added based on TPD review
N/A	101	Bringle Ferry Rd/Henderson St	US 70	Mahaley Rd	5 - Major Collector	4 - Minor Arterial	5300	Continuity of major collector on Bringle Ferry Rd	Rowan	Added	Added based on feedback from the review committee

Thank you!

#6 (10/22/25)

DATE: September 30, 2025

TO: Phil Conrad, AICP
Transportation Planner, Cabarrus-Rowan Metropolitan Planning Organization

FROM: Shawn A. Troy, PE
State Traffic Safety Engineer
Transportation Mobility & Safety Division

SUBJECT: Safety Performance Measures – FHWA Assessment and 2026 Targets

DocuSigned by:
Shawn Troy
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Background

Effective April 14, 2016, the Federal Highway Administration (FHWA) established five highway safety performance measures in accord with regulations set forth in the Federal MAP-21 and FAST Act transportation funding bills. These performance measures are:

1. Number of fatalities;
2. Rate of fatalities per 100 million vehicle miles traveled;
3. Number of serious injuries;
4. Rate of serious injuries per 100 million vehicle miles traveled; and
5. Number of combined non-motorized fatalities and non-motorized serious injuries.

These targets are established annually, are based on 5-year rolling averages, and are for calendar years. North Carolina state targets are set in agreement with our [Strategic Highway Safety Plan \(SHSP\)](#) goals. The SHSP goals are developed through collaborative efforts of a diverse group of stakeholders including state, regional, and local partners (including MPOs). The goal of the most recent (2024) SHSP is to reduce fatalities and serious injuries by half by 2035, moving towards zero by 2050.

North Carolina Safety Performance Target Achievement Determination

Earlier this year, FHWA completed an assessment of target achievement for NCDOT's calendar year (CY) 2023 safety targets, based on the 5-year averages for 2019-2023 for each measure. As per 23 CFR 490.211(c)(2), a State Department of Transportation (DOT) has met or made significant progress towards meeting its safety performance targets when at least four of the safety performance targets established under 23 CFR 490.209(a) have been met or the actual outcome is better than the baseline performance. **Based on FHWA's review, North Carolina has not met or made significant progress toward achieving its safety performance targets.** As a result, NCDOT must ensure that all HSIP safety funds are obligated and must develop an HSIP Implementation Plan that describes actions the State will take to meet or make significant progress toward achieving its targets. Table 1 below provides a summary of the target achievement determination at the state level.

Table 1: North Carolina Safety Performance Target Achievement Determination Summary for CY 2023.

Performance Measures	Target	Actual	Baseline	Target Achieved?	(Actual) Better than Baseline?	Met or Made Significant Progress?
	2019 - 2023	2019 - 2023	2017 - 2021			
Number of Fatalities	1,202.2	1,576.0	1,507.2	No	No	No
Rate of Fatalities	1.011	1.346	1.290	No	No	
Number of Serious Injuries	3,423.0	5,217.0	4,898.4	No	No	
Rate of Serious Injury	2.863	4.442	4.186	No	No	
Number of Non-Motorized Fatalities and Serious Injuries	468.2	691.8	625.2	No	No	

Table 2 below shows what this determination would look like if the state's methodology for establishing the CY 2023 goal was applied to crash data specific to Cabarrus-Rowan MPO.

Table 2: Cabarrus-Rowan MPO Safety Performance Target Achievement Determination Summary for CY 2023.

Performance Measures	5-Year Rolling Averages			Target Achieved?	(Actual) Better than Baseline?	Met or Made Significant Progress?
	Target	Actual	Baseline			
	2019 - 2023	2019 - 2023	2017 - 2021			
Fatalities (5 Year Average)	33.9	54.4	46.0	No	No	No
Fatality Rate (5 Year Average)	0.907	1.442	1.238	No	No	
Serious Injuries (5 Year Average)	103.7	139.4	136.0	No	No	
Serious Injury Rate (5 Year Average)	2.760	3.689	3.644	No	No	
Non-Motorized Fatalities and Serious Injuries (5 Year Average)	11.4	20.4	19.2	No	No	

2026 State Safety Performance Targets

2026 state safety performance targets were submitted to FHWA on August 31st, as required, with the submission of the annual Highway Safety Improvement Program (HSIP) report. These targets reflect the 2024 SHSP goal to reduce fatalities and serious injuries by half by 2035, moving towards zero by 2050. The calculated targets are shown in Table 3 below. More detailed information about each target can be found at this [link](#).

Table 3: North Carolina Calendar Year 2026 Safety Performance Targets.

Performance Measure	CY 2026
Number of Fatalities	1,057.0
Rate of Fatalities	0.885
Number of Serious Injuries	3,101.0
Rate of Serious Injuries	2.585
Number of Non-Motorized Fatalities & Serious Injuries	418.7

2026 Cabarrus-Rowan MPO Safety Performance Targets

Table 4 below provides crash data specific to your MPO and shows what the safety performance targets would look like if you applied the state's methodology (reducing fatalities and serious injuries by half by 2035). More detailed information specific to your MPO can be found at this [link](#).

Table 4: Cabarrus-Rowan MPO Specific Safety Performance Targets.

Year	Fatalities (5 Year Average)	Fatality Rate (5 Year Average)	Serious Injuries (5 Year Average)	Serious Injury Rate (5 Year Average)	Non-Motorized Fatalities and Serious Injuries (5 Year Average)
2015 – 2019	40.4	1.087	121.8	3.249	13.4
2016 – 2020	42.0	1.136	132.6	3.569	15.4
2017 – 2021	46.0	1.238	136.0	3.644	19.2
2018 – 2022	51.4	1.373	135.8	3.620	18.4
2019 - 2023	54.4	1.442	139.4	3.689	20.4
2020 - 2024	57.4	1.496	141.0	3.683	20.8
2026 Target	29.7	0.788	91.9	2.428	10.1

Next Steps

MPOs are not directly assessed by FHWA on their progress towards meeting safety performance targets. However, coordination and deliberate action will be needed to achieve the fatal and serious injury crash reduction goals outlined in the NC Strategic Highway Safety Plan and as communicated through the safety performance targets. We encourage additional coordination between MPO's and NCDOT Traffic Safety Unit in all areas of safety, but specifically in data sharing, safety tools development, safety need identification and shared safety project implementation. The Traffic Safety Unit is available to meet with your MPO for additional discussion and partnership.

FHWA guidance allows each MPO to establish safety performance targets by either agreeing to plan and program projects so that they contribute toward the accomplishments of the State DOT performance targets or committing to quantifiable HSIP targets for their specific MPO area. If an MPO establishes its own targets, it will need to do so in coordination with the State per FHWA guidelines. The Traffic Safety Unit is available to facilitate this coordination. As a reminder, MPOs must establish safety performance targets no later than February 27 of each year per FHWA guidance. If you have not already done so, please transmit a signed adoption resolution indicating the establishment of safety targets for your MPO or supporting the state's targets to Daryl Vreeland (dvreeland@ncdot.gov) in the Transportation Planning Division just as you have in previous years. An adoption resolution template can be found at this [link](#).

Finally, a NCDOT Traffic Safety website has been established to communicate safety information to the public. A few direct links that may be of specific interest to MPOs can be found below:

- Main NCDOT Traffic Safety Unit website: [link](#)
- Mapped safety data: [link](#)
 - o Here you can find a variety of spatial datasets related to traffic safety, including: fatal and serious injury crashes, pedestrian and bicycle crashes, safety projects (completed and funded), and several interactive map-based dashboards that allows the user to select an area of interest for more specific crash statistics.
- Pedestrian Safety Improvements: [link](#)
 - o Here you will find information related to NCDOT's pedestrian safety programs, as well as several new guidance documents related to pedestrian safety.

Please contact me directly at (919) 814-5010 or stroy@ncdot.gov, or Brian Murphy at (919) 814-4948 or bgmurphy@ncdot.gov for further questions or discussion.

SAT/mma

cc: Alpesh Patel
Daryl Vreeland, AICP
George Hoops, PE
Brian Murphy, PE

Endorsement of Targets for Safety Performance Measures Established By NCDOT

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

WHEREAS the Highway Safety Improvement Program (HSIP) final rule (23 CFR Part 490) requires States to set targets for five safety performance measures by August 31, 2024, and;

WHEREAS, the North Carolina Department of Transportation (NCDOT) has established targets for five performance measures based on five year rolling averages for: (1) Number of Fatalities, (2) Rate of Fatalities per 100 million Vehicle Miles Traveled (VMT), (3) Number of Serious Injuries, (4) Rate of Serious Injuries per 100 million VMT, and (5) Number of Non-Motorized (bicycle and pedestrian) Fatalities and Non-motorized Serious Injuries, and;

WHEREAS, the NCDOT coordinated the establishment of safety targets with the 19 Metropolitan Planning Organizations (MPOs) in North Carolina through a Safety Target Setting Coordination Training Workshop held in March, 2017, and;

WHEREAS, the NCDOT has officially established and reported the safety targets in the Highway Safety Improvement Program annual report dated August 31, 2025, and;

WHEREAS the MPO's may establish safety targets by agreeing to plan and program projects that contribute toward the accomplishment of the State's targets for each measure, or establish its own target within 180 days of the State establishing and reporting its safety targets in the HSIP annual report.

NOW THEREFORE, BE IT RESOLVED, that the Cabarrus-Rowan MPO Transportation Advisory Committee (TAC) agrees to plan and program projects that contribute toward the accomplishment of the State's targets as noted below for each of the aforementioned performance measures:

- **For the 2026 Highway Safety Improvement Plan (HSIP), the goal is to reduce total fatalities by 33 percent each year from 1,585.2 (2020-2024 average) to 1,057 (2022-2026 average) by December 31, 2026.**
- **For the 2026 Highway Safety Improvement Plan (HSIP), the goal is to reduce the fatality rate by 35 percent from 1.353 (2020-2024 average) to 0.885 (2022-2026 average) by December 31, 2026.**
- **For the 2026 Highway Safety Improvement Plan (HSIP), the goal is to reduce total serious injuries by 41 percent from 5,236.8 (2020-2024 average) to 3,101.0 (2022-2026 average) by December 31, 2026.**
- **For the 2026 Highway Safety Improvement Plan (HSIP), the goal is to reduce the serious injury rate by 42 percent from 4.467 (2020-2024 average) to 2.585 (2022-2026 average) by December 31, 2026.**
- **For the 2026 Highway Safety Improvement Plan (HSIP), the goal is to reduce the total non-motorized fatalities and serious injuries by 41 percent from 712.6 (2020-2024 average) to 418.7 (2022-2026 average) by December 31, 2026.**

Date: _____

By: _____
Ron Smith, TAC Chair

1

Statewide Data
Trends

2

Cabarrus –
Rowan MPO
Data Trends

3

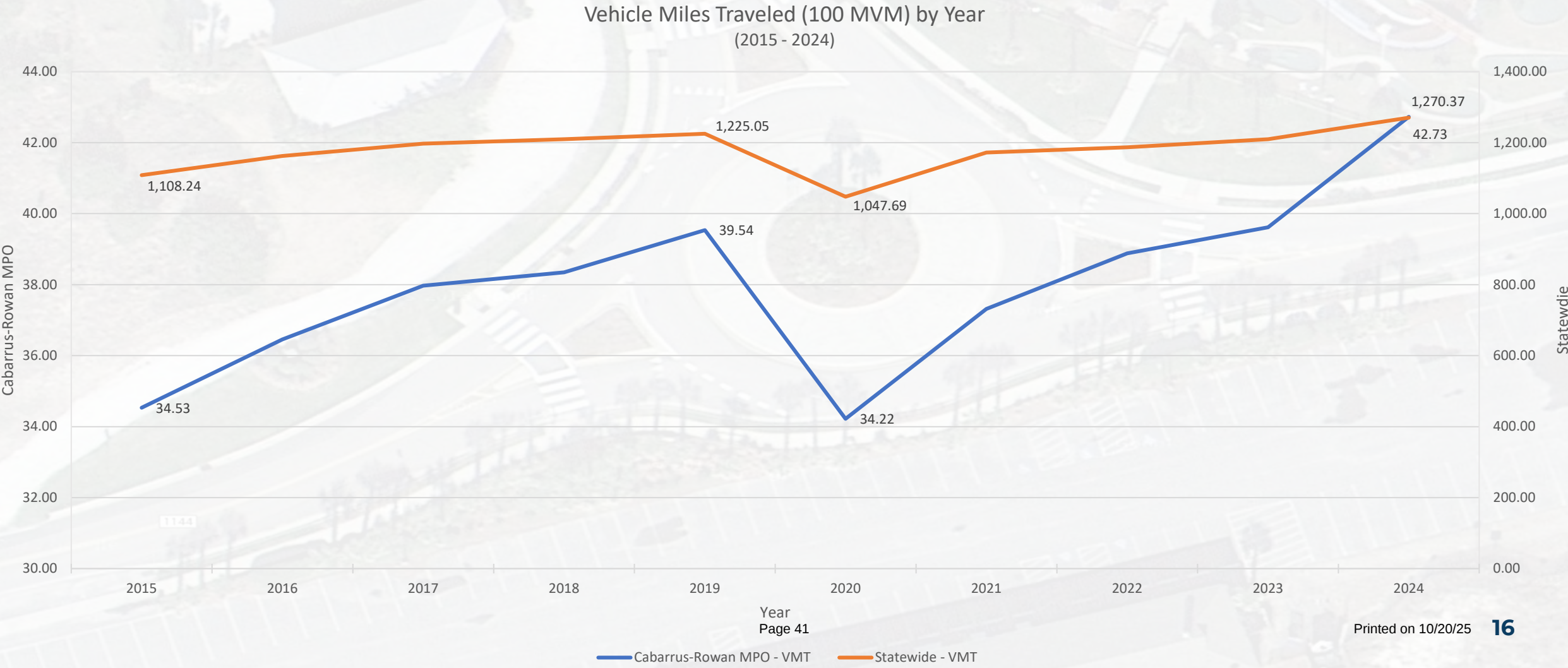
Safety
Performance
Measures

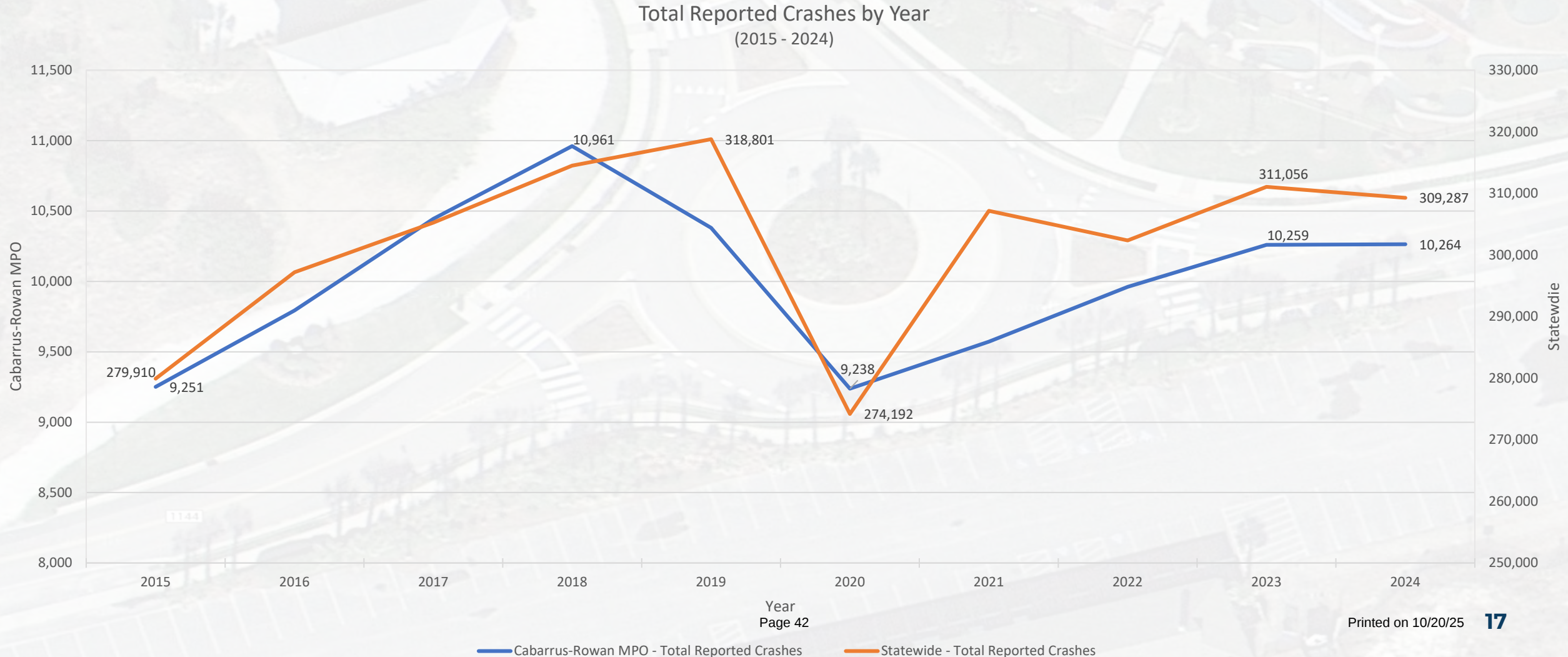
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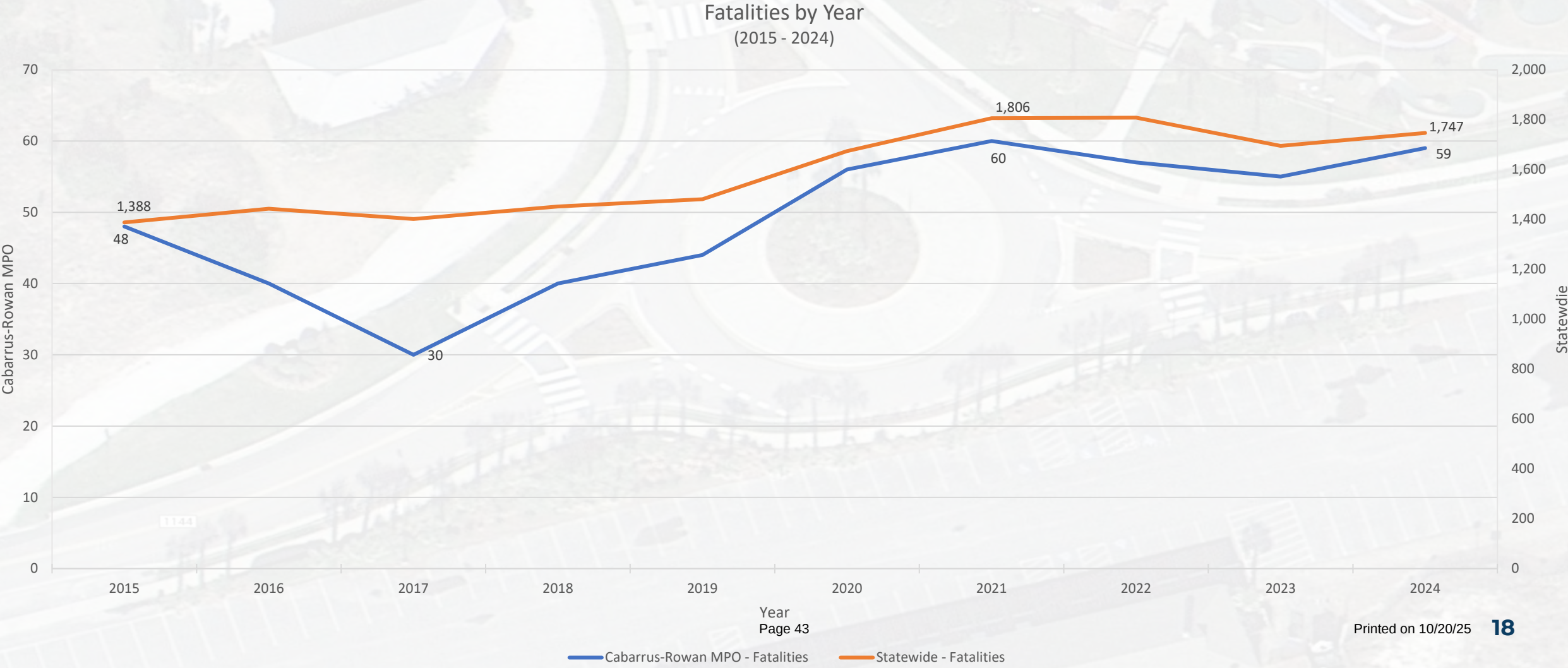
Safety Data
Resources

5

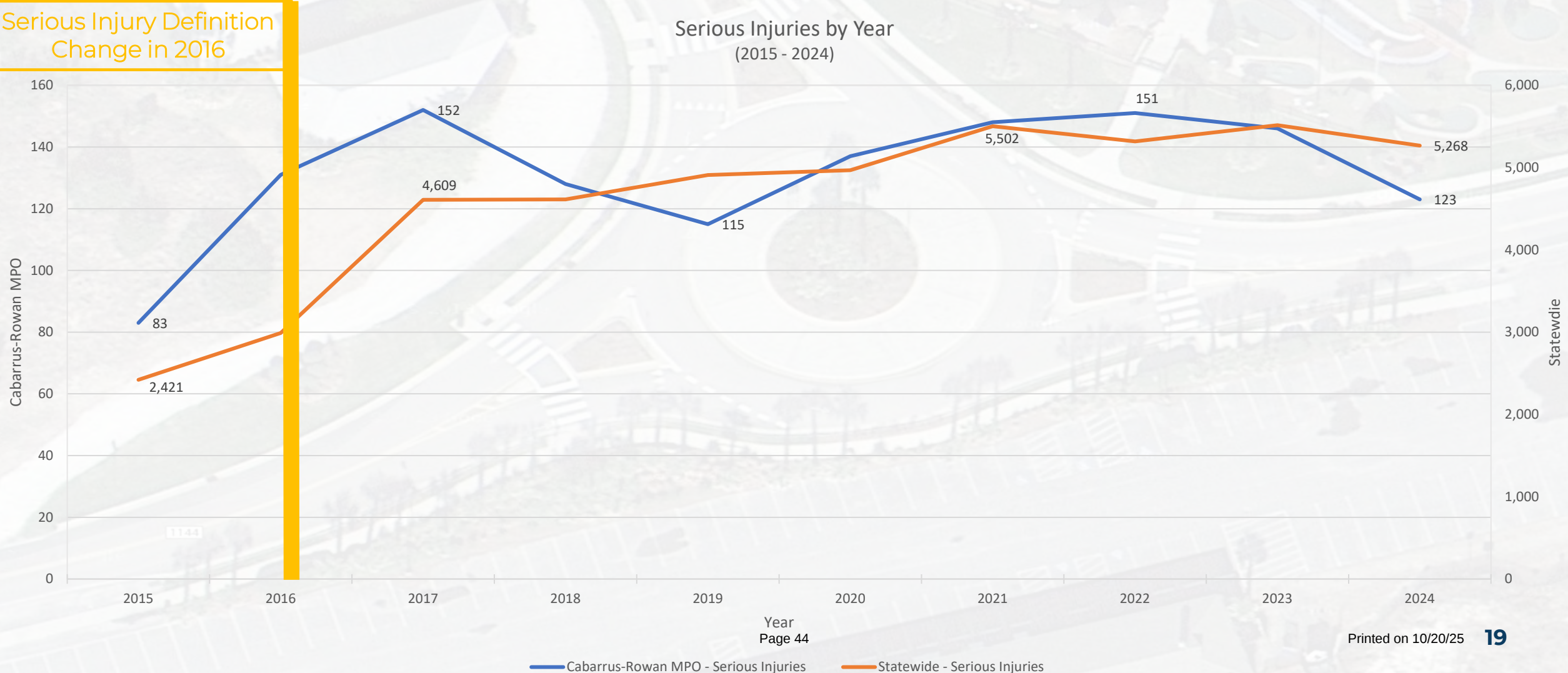
Questions /
Discussion

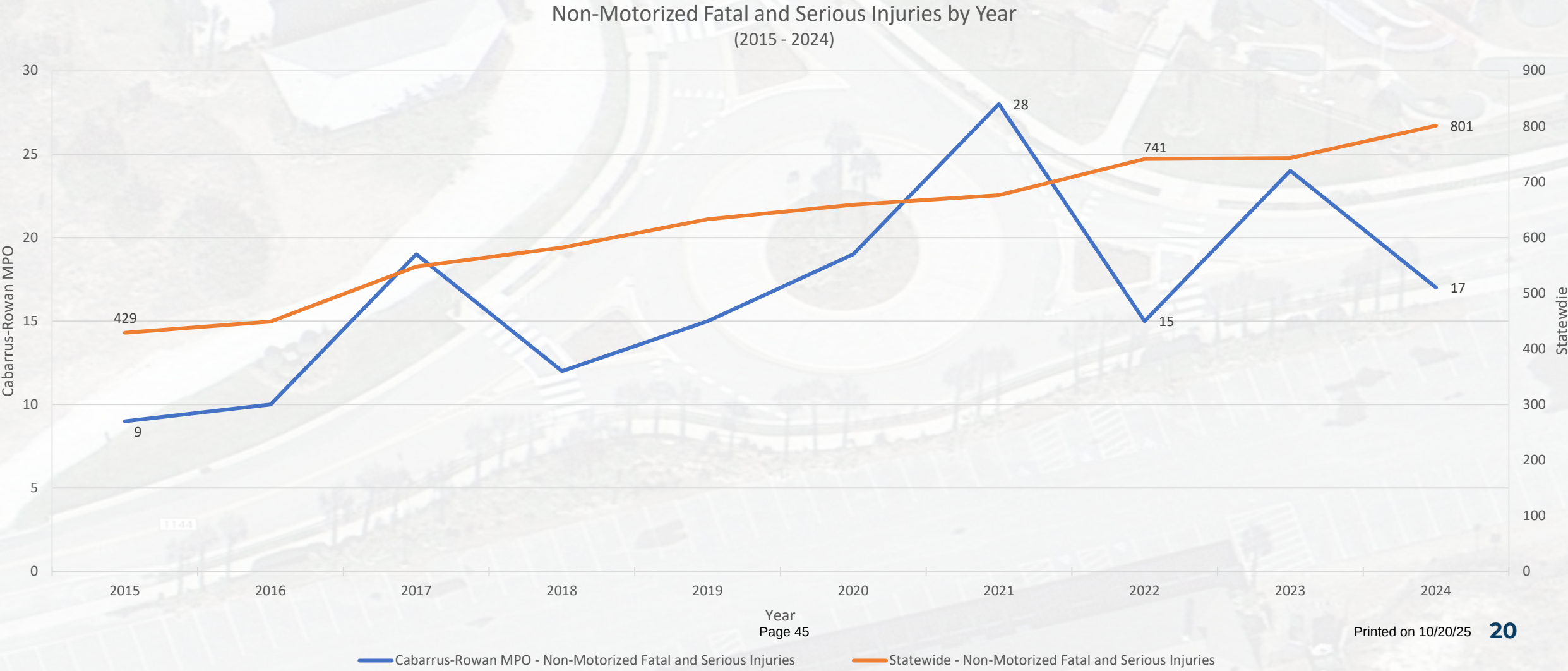


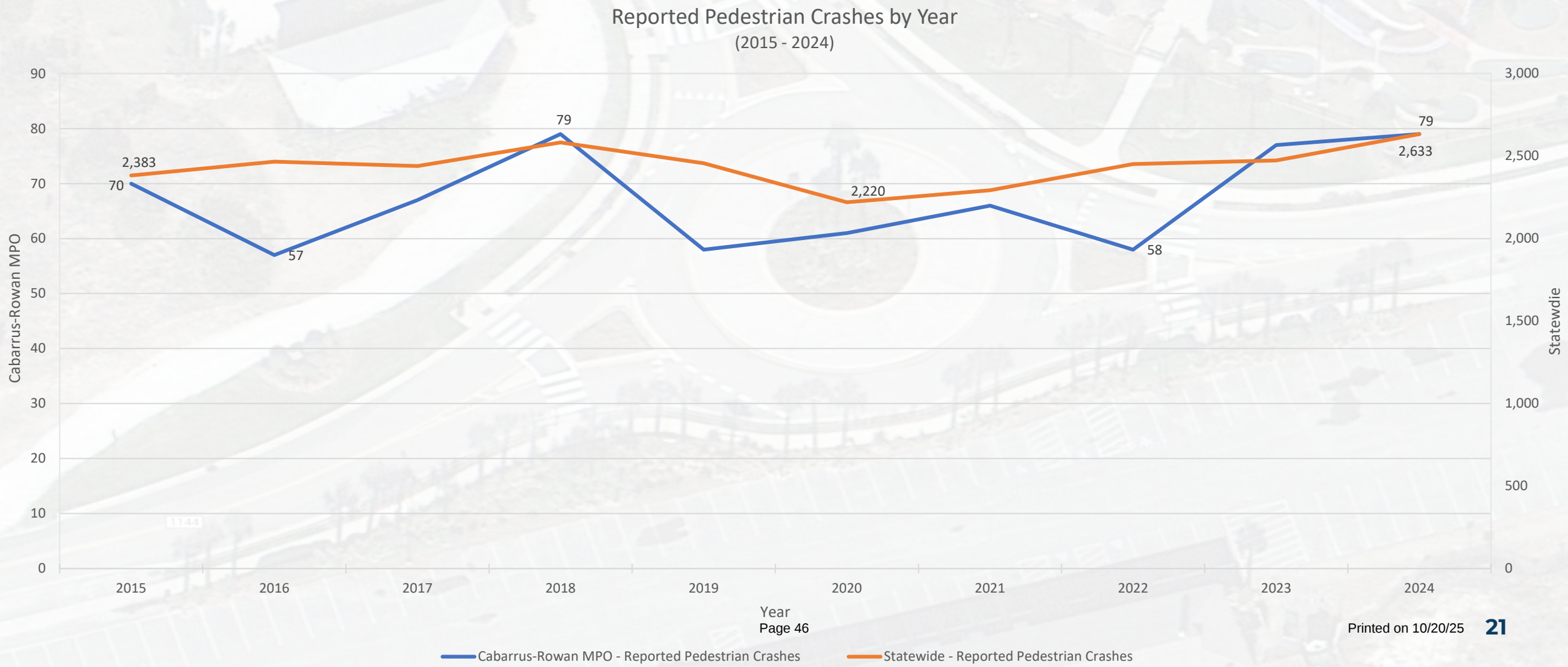


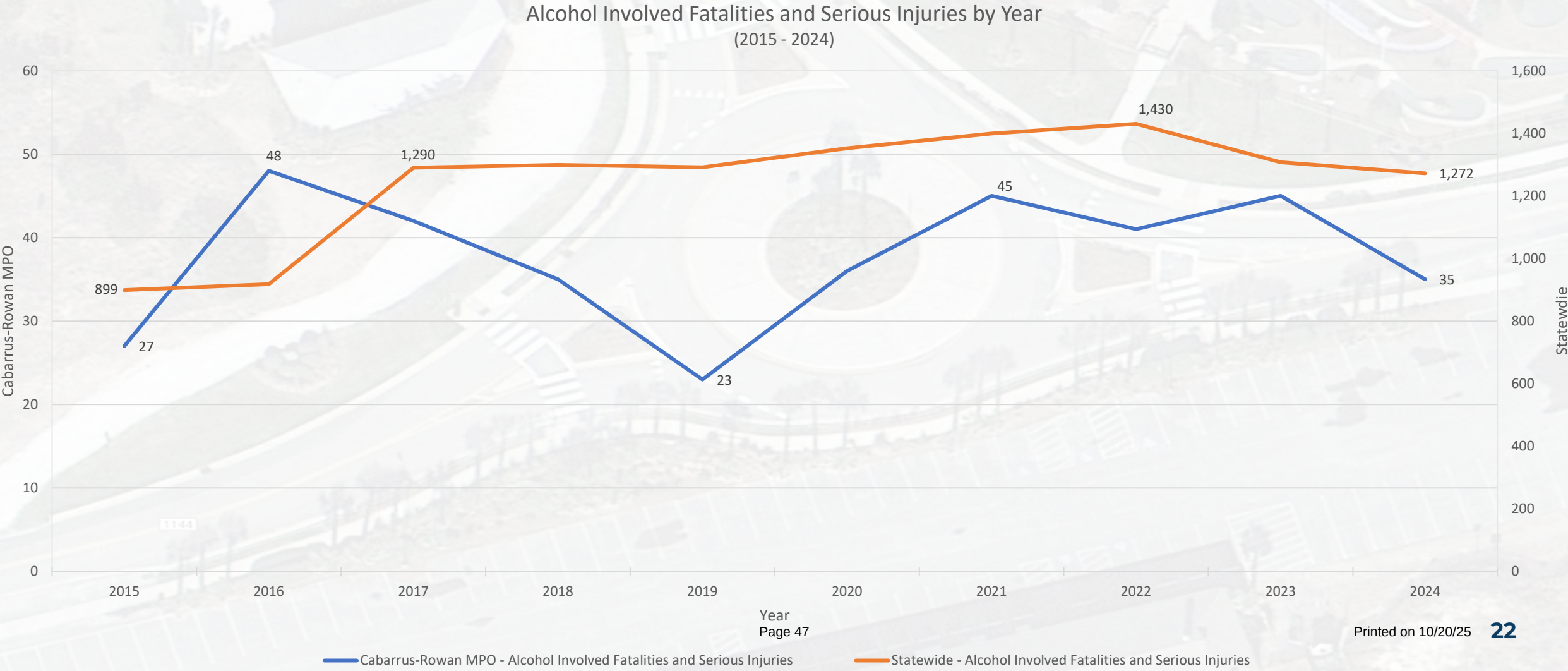


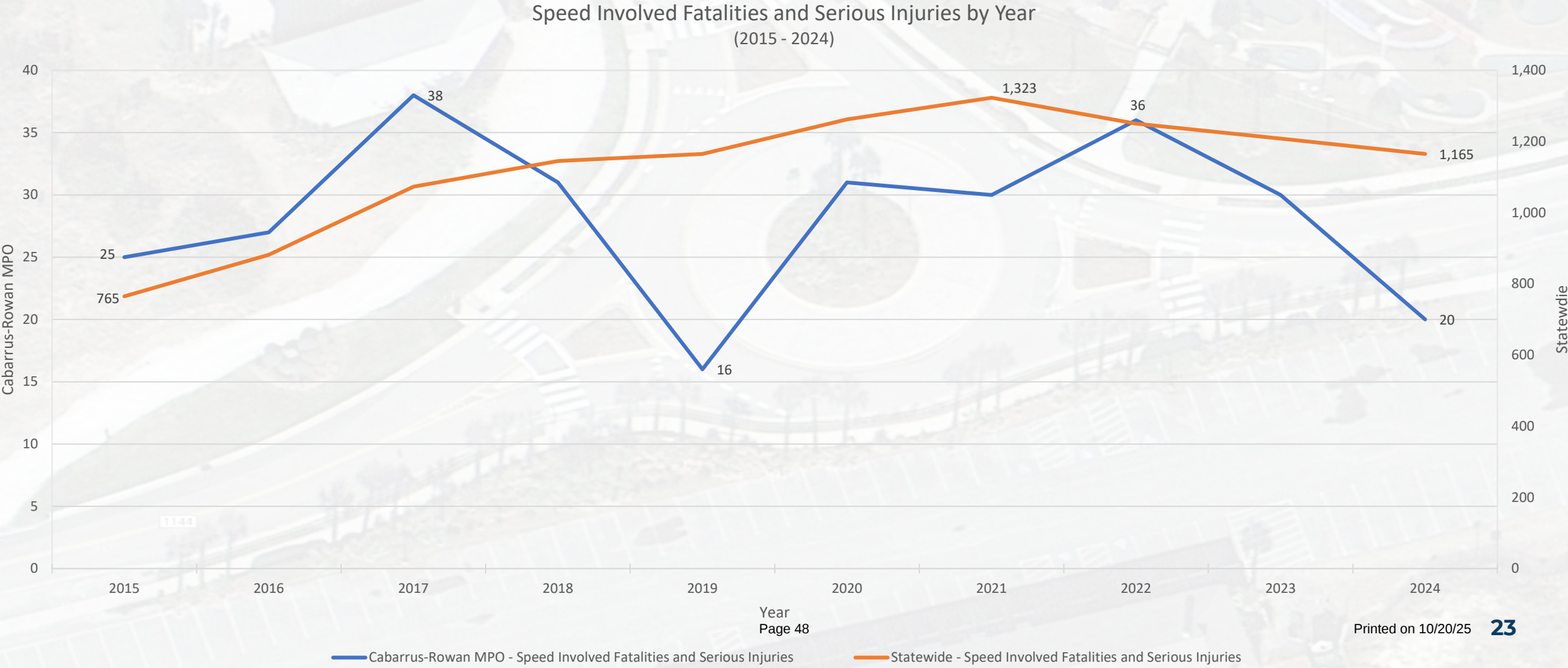
Serious Injury Definition
Change in 2016

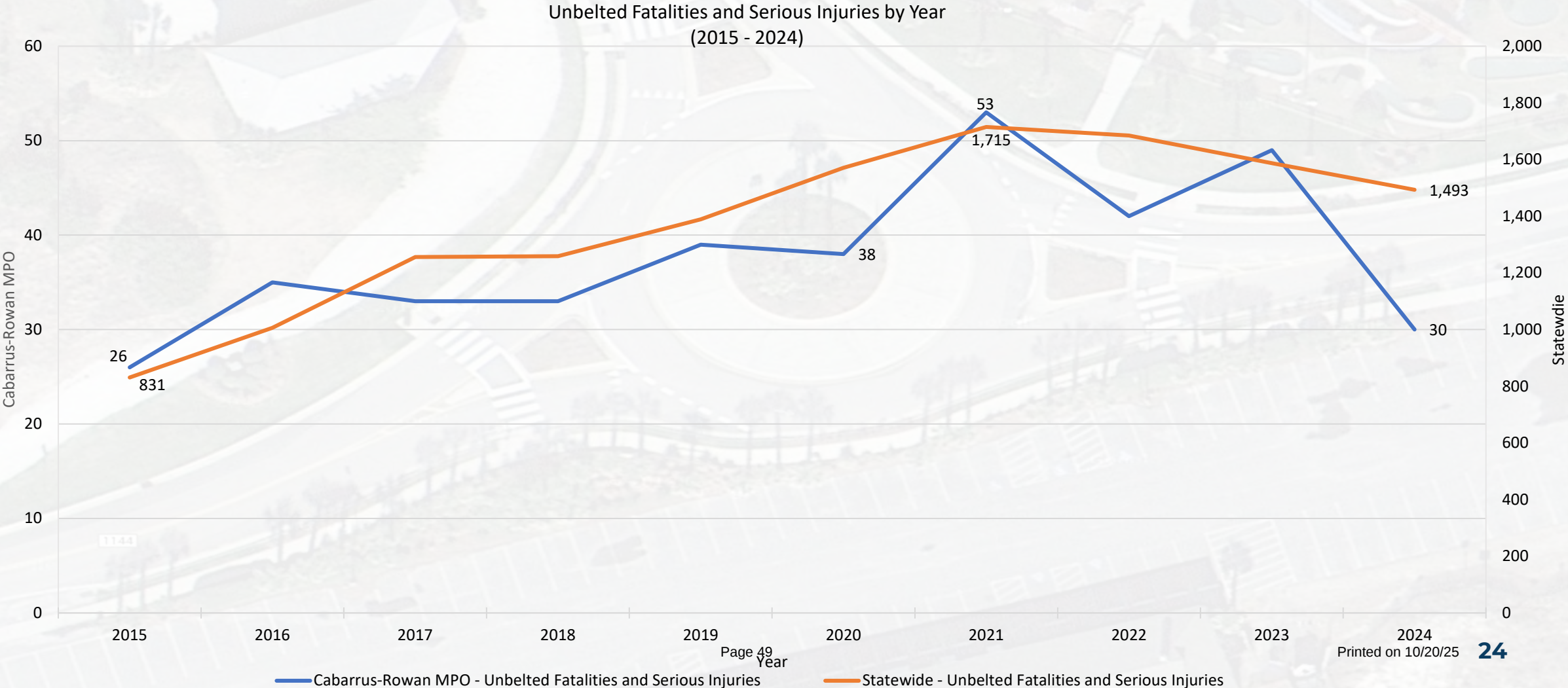












Municipality	Total Crashes	Fatal Crashes	Serious Injury Crashes
China Grove	1,427	4	19
Cleveland	204	1	1
Concord	31,671	77	151
East Spencer	171	2	2
Enochville	65	1	2
Faith	120	1	1
Gold Hill	28	0	0
Granite Quarry	520	3	2
Harrisburg	3,855	6	8
Kannapolis	11,875	44	64
Landis	605	4	11
Locust	32	0	0
Midland	1,140	12	8
Mount Pleasant	479	0	0
Rockwell	542	0	3
Salisbury	14,443	57	61
Spencer	431	2	5
Rural	32,516	247	721
Total	100,124	461	1,059

Assessment of Significant Progress (cntd):

- FHWA assessed NCDOT’s CY 2023 safety targets in early 2025
- Based on FHWA’s review, North Carolina has not met or made significant progress toward achieving its safety performance targets.

“Assessment” of Cabarrus – Rowan MPO Targets

Performance Measures	5-Year Rolling Averages			Target Achieved?	(Actual) Better than Baseline?	Met or Made Significant Progress?
	Target	Actual	Baseline			
	2019 - 2023	2019 - 2023	2017 - 2021			
Fatalities (5 Year Average)	33.9	54.4	46.0	No	No	No
Fatality Rate (5 Year Average)	0.907	1.442	1.238	No	No	
Serious Injuries (5 Year Average)	103.7	139.4	136.0	No	No	
Serious Injury Rate (5 Year Average)	2.760	3.689	3.644	No	No	
Non-Motorized Fatalities and Serious Injuries (5 Year Average)	11.4	20.4	19.2	No	No	

Cabarrus – Rowan MPO HSIP Safety Measures

Year	Fatalities	Fatality Rate	Serious Injuries	Serious Injury Rate	Non-motorized Fatalities and Serious Injuries
2015	48	1.390	83	2.404	9
2016	40	1.097	131	3.593	10
2017	30	0.790	152	4.003	19
2018	40	1.043	128	3.338	14
2019	44	1.113	115	2.909	15
2020	56	1.636	137	4.004	19
2021	60	1.608	148	3.966	29
2022	57	1.466	151	3.884	15
2023	55	1.388	146	3.685	24
2024	59	1.381	123	2.879	17

2026 Cabarrus – Rowan MPO HSIP Safety Targets

- If adopting the State’s methodology of reducing fatalities and serious injuries by half by the year 2035

Year	Fatalities (5 Year Average)	Fatality Rate (5 Year Average)	Serious Injuries (5 Year Average)	Serious Injury Rate (5 Year Average)	Non-motorized Fatalities and Serious Injuries (5 Year Average)
2015 - 2019	40.4	1.087	121.8	3.249	13.4
2016 - 2020	42.0	1.136	132.6	3.569	15.4
2017 - 2021	46.0	1.238	136.0	3.644	19.2
2018 - 2022	51.4	1.373	135.8	3.620	18.4
2019 - 2023	54.4	1.442	139.4	3.689	20.4
2020 - 2024	57.4	1.496	141.0	3.683	20.8
2026 Target*	29.7	0.788	91.9	2.428	10.1

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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), Fixing America's Surface Transportation ACT (FAST Act) and the Infrastructure Investment and Jobs Act (IIJA) also known as the Bipartisan Infrastructure Law (BIL). The conformity determination for the Amended FY 2020-2029 Transportation Improvement Program amendments 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 aforementioned processes will be completed on April XX, 2022. The Conformity Determination Report (CDR) for the 2050 MTP updates 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 2020-2029 TIPs amendments for the Metrolina Area contain a number of project changes which have been included in the 2050 MTP and Transportation Conformity Determination for the Metrolina Area. The 2050 MTP conformity determination for the Metrolina area includes a new regional emissions analysis that ensures that the FY 2020-2029 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 2020-2029 TIPs as amended for the Metrolina Area and projects from the FY 2020-2029 State TIP as amended for the donut area in Union County. In addition, the United States Department of Transportation (USDOT), specifically, the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) 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 for the Metrolina Area were approved as follows:

- Cabarrus-Rowan MPO: March 23, 2022
- Gaston-Cleveland-Lincoln MPO: March 24, 2022
- Charlotte Regional Transportation Planning Organization: March 16, 2022
- The North Carolina Department of Transportation (NCDOT) (for the donut portion in Union County in the Metrolina Ozone Maintenance Area): March XX, 2022

By these actions, the MPOs and NCDOT demonstrated that the 2050 MTP's are consistent with Section 176(c) of the Clean Air Act, the State Implementation Plan, FAST Act, IJIA, 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 MTP's 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 MTP's include the timing of regionally significant projects included in the FY 2020-2029 TIP as amended 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 June 29, 2021 and was completed on January 7, 2022. Details related to the interagency consultation associated with this conformity determination can be found in Appendix C.

Non-exempt projects in the 2050 MTP's 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 MTP's 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 March 8, 2021. There were no regionally 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 2020-2029 as amended 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, FAST Act, IIJA and 40 CFR Parts 51 and 93. Also, the 2050 MTPs conform to the purpose of the SIP 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 2020-2029 TIP as amended has undergone interagency consultation as required in the North Carolina Administrative Code Title 15A Subpart 02D .0201-.0203 inclusive. Interagency consultation meetings involving the MPOs, NCDOT, NCDAQ, FHWA and USEPA- Region 4 were held on June 29, 2021 and August 26, 2021. A summary of issues raised and responses, along with any written agency comments, are provided in Appendix I.

6.0 Public Involvement

The FY 2020-2029 TIP as amended, Transportation Conformity Determination for the Metrolina Area, and the 2050 MTPs 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		
	2014	2026
NOx	11,814	4,903
VOC	7,173	4,888

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

Charlotte Regional TPO- Rocky River RPO		
	2014	2026
NOx	32,679	12,241
VOC	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)

CRMPO Emissions Comparison Summary (kilograms/day)				
Year	NO_x		VOC	
	MTP Emissions	SIP Budget	MTP Emissions	SIP Budget
2026	3,746	4,903	3,488	4,888
2035	1,962	4,903	2,410	4,888
2045	1,751	4,903	2,232	4,888
2050	1,796	4,903	2,251	4,888

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

GCLMPO Emissions Comparison Summary (kilograms/day)				
Year	NO_x		VOC	
	MTP Emissions	SIP Budget	MTP Emissions	SIP Budget
2026	2,982	3,768	2,687	3,472
2035	1,455	3,768	1,718	3,472
2045	1,237	3,768	1,487	3,472
2050	1,227	3,768	1,433	3,472

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

CRTPO and RRPO Emissions Comparison Summary (kilograms/day)				
Year	NO_x		VOC	
	MTP Emissions	SIP Budget	MTP Emissions	SIP Budget
2026	10,853	12,241	9,866	11,943
2035	6,905	12,241	7,496	11,943
2045	6,855	12,241	7,531	11,943
2050	7,181	12,241	7,863	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 2020-2029 Transportation Improvement Program as amended

Based on the analysis and consultation and involvement process described in this report, the Cabarrus-Rowan MPO 2050 Metropolitan Transportation Plan and 2020-2029 Transportation Improvement Program as amended 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 2020-2029 Transportation Improvement Program as amended are in conformity with the 1997 and 2008 8-hour ozone standard.

Gaston-Cleveland-Lincoln MPO Ozone Conformity Finding for the 2050 Metropolitan Transportation Plan and 2020-2029 Transportation Improvement Program as amended

Based on the analysis and consultation and involvement process described in this report, the Gaston-Cleveland-Lincoln MPO 2050 Metropolitan Transportation Plan and 2020-2029 Transportation Improvement Program as amended 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 2020-2029 Transportation Improvement Program as amended are in conformity with the 1997 and 2008 8-hour ozone standard.

Charlotte Regional Transportation Planning Organization Ozone Conformity Finding for the 2050 Metropolitan Transportation Plan and 2020-2029 Transportation Improvement Program as amended

Based on the analysis and consultation and involvement process described in this report, the Charlotte Regional Transportation Planning Organization 2050 Metropolitan Transportation Plan and 2020-2029 Transportation Improvement Program as amended 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 2020-2029 Transportation Improvement Program as amended are in conformity with the 1997 and 2008 8-hour ozone standard.

NCDOT Donut Area Conformity Finding for Projects from the 2020-2029 State Transportation Improvement Program as amended

Based on the analysis and consultation and involvement process described in this report, the projects from the 2020-2029 State Transportation Improvement Program as amended 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 2020-2029 State Transportation Improvement Program as amended are in conformity with the 1997 and 2008 8-hour ozone standard.

The MPO/NCDOT conformity determinations and TIP/MTP adoptions are provided in Appendix J.

TIP / WBS No.	Description	Let Date	Completion Date	Status	Construction Cost	Contractor	Project Administrator	Comments
Projects Under Construction								
Y-5500IA (D100346)	Drainage, Grading, Paving, & Crossing Closure on SR 1526 (Henderson Grove Church Road) – Existing At-Grade Rail Crossing & Extension of SR 1526 (Henderson Grove Church Road)	May 22, 2024	May 14, 2026	59% Complete	\$2,504,746	NJR Group, Inc.	Eric Goldston (704) 630-3220	Final grading and paving of new alignment. Contractor will be closing road for 30 days to construct tie-in October 6th. The estimated opening to traffic date is November 14, 2025. Existing Henderson Grove railroad crossing will not be closed until the new roadway is open to traffic.
2024CPT.09.07.10801 2024CPT.09.08.20801 (C204418)	Shoulder reconstruction, resurfacing and milling on 1 section of US 70 both East and West, 1 section of NC150, and 8 sections of secondary roads.	February 20, 2024	October 1, 2025	54% Complete	\$5,911,698	NJR Group, Inc.	Kelly Seitz (704) 630-3200	The contractor is working on NC150.
2025CPT.09.07.10801 2025CPT.09.08.20801 2025CPR.09.18.10301 (C205054)	1 Section of US-601, 1 Section of NC-150, 5 Sections of NC-801, and 12 Sections of Secondary Roads	February 18, 2025	November 1, 2026	14% Complete	\$11,502,013	NJR Group, Inc.	Kelly Seitz (704) 630-3200	The contractor has resurfaced two maps on NC 801. Planning to complete the rest of the maps in 2026.
2025CPT.09.14.20802.3 (D100363)	Asphalt Surface Treatment, 73 Various Secondary Sections in Rowan County	November 13, 2024	October 15, 2025	86% Complete	\$1,689,808	Whitehurst Paving	Kelly Seitz (704) 630-3200	Contractor has completed 40 maps.
HE-0009 (D100329)	Grading, Drainage, and Paving on NC 152 from East of I-85/US 601 Interchange to 800' West of SR 2648 (Timberfield Trail)	November 13, 2024	May 15, 2026	36% Complete	\$4,150,391	Performance Managed Construction, Inc.	Kelly Seitz (704) 630-3200	The contractor is performing the following activities: fill placement and grading, installing storm drainage.
W-5709E (D100350)	Construct Roundabout and other safety improvements at Intersection NC 153 (Rice Street) and SR 1197 (Cannon Farm Rd) in China Grove	August 28, 2024	May 21, 2026	36% Complete	\$2,542,801	NJR Group, Inc.	Kelly Seitz (704) 630-3200	Water and sewer work completed. Daily lanes closures expected. Contractor working on drainage pipe. Currently no offsite detour scheduled.
Projects Under Development								
R-5860A	Proposed Misenheimer Bypass to proposed Rockwell Bypass. Upgrade roadway and access management.	Funded For Preliminary Engineering Only	Funded For Preliminary Engineering Only	Funded For Preliminary Engineering Only	\$50,500,000	Funded For Preliminary Engineering Only	Bryan Key (919) 707-6263	Raleigh Letting (LET) -
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	January 17, 2034	TBA	Planning/Design In Progress ROW Acquisition July 31, 2030	\$52,100,000	TBA	Ryan Newcomb (336) 747-7800	DDRL - Raleigh Let. Express design update in progress to update project estimate. PE work in progress. A Concurrence Point 2 (CP2) meeting was held on July 25, 2024. CP2 form, signed by the Merger Team, concurs with 6 alternatives to carry forward for detailed study. NCDOT proposed an additional alternative for consideration that the Merger Team concurred on in June. CP2A meeting is scheduled for October 15, 2025. Public meeting is scheduled for November 6, 2025. Location is still TBD. Previous Let Date: 2033.
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	Funded For Preliminary Engineering Only	Funded For Preliminary Engineering Only	Funded For Preliminary Engineering Only	\$35,800,000	Funded For Preliminary Engineering Only	Ryan Newcomb (336) 747-7800	DDRL - The PE work for this project has been suspended. Express design was completed to revise project estimate.
HP-0028	Construct roundabout. SR 1509 (Miller Road) intersection in China Grove.	Funded For Preliminary Engineering Only	Funded For Preliminary Engineering Only	Funded For Preliminary Engineering Only	\$4,200,000	Funded For Preliminary Engineering Only	Ryan Newcomb (336) 747-7800	
P-5733 47612.3.1	NS Main - Rowan County - Upgrade Station Building, expand waiting space and surface parking	January 21, 2026	TBA	ROW Acquisition October 1, 2025	\$5,699,000	TBA	Brad Smythe (919) 707-4118	NON-DOT Let - NCDOT is working with the City to develop a project agreement for this project and identify additional ROW funds, due to an appraisal exceeding the budget.

TIP / WBS No.	Description	Let Date	Completion Date	Status	Construction Cost	Contractor	Project Administrator	Comments
Projects Under Development								
P-5726 47604.3.1 (C204343)	NS Main - Construct Track Improvements, Second Platform, Pedestrian Underpass, Sitework, Retaining Wall, and Signalling Equipment	July 20, 2027	TBA	ROW Acquisition In Progress	\$13,600,000	TBA	Brad Smythe (919) 707-4118	Raleigh Let - Pending execution of rail agreement.
P-5726A	Salisbury train station second platform and pedestrian underpass.	July 22, 2026	TBA	ROW Acquisition In Progress	\$2,500,000	TBA	Brad Smythe (919) 707-4118	Division POC -
P-5726B	Salisbury Norfolk Southern crossover relocation.	June 24, 2026	TBA	ROW Acquisition In Progress	\$4,000,000	TBA	Brad Smythe (919) 707-4118	NON-DOT Let -
State Forces Projects Under Development								
48921	Construct right turn lane on SR 1210 (Old Beatty Ford Rd) at US 29.	April 30, 2026	TBA	Planning/Design In Progress	Updated estimate pending completion of revised RCI design	State Forces	Dan Ulrich (336) 747-7800	High Impact Low Cost (HILC) project. Division presented the RCI (Reduced Conflict Intersection) concept at Landis Council meeting. Division 9 is working with the Consultant (AWCK) on the RCI design and cost estimate. Planning and Design in progress.
Division Bridge Projects Under Development								
15BPR.115.1	Bridge Rehabilitation - Bridge #137 and #465 on I-85 over Yadkin River	August 21, 2029	TBA	TBA	\$6,000,000	TBA	Jeremy Keaton (336) 747-7800	In development - Raleigh SMU managed.
17BP.9.R.96	Replace Bridge #254 over Kerr Creek on SR 1547 (Caldwell Rd) in Rowan County	February 11, 2026	TBA	ROW Acquisition Complete	\$2,200,000	TBA	Jeremy Keaton (336) 747-7800	Project is on schedule.
BP9-R012 BP9-R012.3 (Formerly 17BP.9.R.105)	Replace Bridge #108 over Tuckertown Reservoir on SR 1004 (Stokes Ferry Rd) in Rowan County	October 22, 2025	TBA	ROW Acquisition In Progress	\$3,900,000	TBA	Jeremy Keaton (336) 747-7800	FY26 Let date resumed due to increased availability of funds. ROW challenges could slightly delay Let.
Locally Administered Projects Under Development								
BL-0088	Installation of Granite Quarry Sidewalks: North Kerns Street from North Main Street to US 52. North Oak Street from Crook Street to Granite Civic Park. Crook Street from North Main Street to North Oak Street.	September 30, 2026	TBA	ROW Acquisition September 30, 2025	\$380,000	TBA	Jason Hord (336) 747-7800	Non-DOT let (LAP) - R/W authorization has occurred and acquisition is beginning.
C-5603D 43713.3.4	Construct sidewalks on Old Concord Rd from Ryan St to Jake Alexander Blvd	September 30, 2026	TBA	ROW Certified Utility Relocation In Progress	\$1,840,000	TBA	Jared Mathis (704) 638-5221	Non-DOT let (LAP) - City of Salisbury - Railroad approval pending. Supplemental funding agreement approved.
C-5603H 43713.3.8	Brenner Ave from Statesville Blvd. to W Horah St and Brenner Ave. at Link Ave. in Salisbury	September 30, 2026	TBA	Design In Progress	\$1,760,000	TBA	Jared Mathis (704) 638-5221	Non-DOT let (LAP) - City of Salisbury - ROW Certification pending. RR concerns. Additional funds are being transferred from BL-0034. Supplemental agreement pending.
EB-5619B	Grants Creek Greenway - Construct multi-use trail from Forestdale Drive to 1000' south of Statesville Blvd	September 30, 2026	TBA	ROW Acquisition In Progress	\$1,925,000	TBA	Jared Mathis (704) 638-5221	NON-DOT let (LAP) - Route change needed due to Veteran's Affairs denying path to cross their ROW. Agreement approved for updated funding.

TIP / WBS No.	Description	Let Date	Completion Date	Status	Construction Cost	Contractor	Project Administrator	Comments
Locally Administered Projects Under Development								
EB-5619C	Grants Creek Greenway - Construct multi-use trail from 1000' south of Statesville Blvd to Kelsey Scott Park	September 30, 2027	TBA	ROW Acquisition September 30, 2026	\$2,352,000	TBA	Jared Mathis (704) 638-5221	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, 2027	TBA	ROW Acquisition September 30, 2026	\$830,000	TBA	Jared Mathis (704) 638-5221	Non-DOT let (LAP) - 25% plans complete. Drainage Plans approved. CE completed.
HL-0064	US 29 Main Street from Kerr Street to Horah Street in Salisbury. Safety Improvements.	September 30, 2026	TBA	TBA	\$6,021,000	TBA	Jared Mathis (704) 638-5221	Non-DOT let (LAP) - Public meeting was held in July. Seeking additional funds from MPO, working to finalize plans.
EB-5861	Third Street Greenway from 3rd Street to Yadkin River in Spencer. Construct alternate route, including spur from Grants Creek	September 30, 2026	TBA	TBA	\$4,287,000	TBA	Joel Taylor (704) 633-5331	Non-DOT let (LAP) - Municipal agreement in place. A concept plans has been developed, but Town is currently reviewing options to determine next steps. Project schedule will be delayed, TBD.
Completed Projects								
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	February 15, 2022	April 12, 2025	100% Complete	\$13,039,376	J. T. Russell and Sons	Eric Goldston (704) 630-3220	Final inspection completed on August 20, 2025.
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	October 19, 2021	October 1, 2025	100% Complete	\$13,777,568	Smith-Rowe, LLC	Eric Goldston (704) 630-3220	Contractor has completed the rehab work.
BP9.R004.3 (DI00348)	Grading, Drainage, Paving, and Structure on SR 1322 (Ebenezer Road) – Bridge No. 790235 over Beaver Creek	November 13, 2024	December 19, 2025	100% Complete	\$1,422,248	NJR Group, Inc.	Eric Goldston (704) 630-3220	ICT # 1 completed and road opened August 21, 2025.

CABARRUS-ROWAN MPO & NC DOT - DIVISION 10 PROJECT HIGHLIGHTS - SEPTEMBER - 2025

RECENTLY SELECTED SAFETY & MOBILITY PROJECTS

FILE NO#	COUNTY	TIP	DESCRIPTION OF LOCATION	PROJECT DESCRIPTION
10-25-217	(94% Cabarrus (6%))	HS-TBD-4-21-25	NC 49 from US 29 in Mecklenburg County to 0.3 mile into Cabarrus County, MP 23.31-27.91 (Mecklenburg), 0.00-0.30 (Cabarrus).	Install median and edgeline rumblestrips with LLPMs.
10-25-212	Cabarrus	HS-TBD-4-21-25	SR 1600 (Shiloh Church Rd.) from NC 73 to SR 1601, MP 0.00-2.42.	Install edgeline rumblestrips with LLPMs.
10-24-234	Cabarrus	HS-TBD-4-21-25	SR 1448 (Cox Mill Road) at Cox Mill High School. Updated 3/5/2025.	Install a traffic signal with pedestrian accommodations.
10-24-229	Cabarrus	SM-6110J	US 601 (Warren C Coleman Blvd S) @ SR 1335 (Old Charlotte Rd SW) & Old Charlotte Rd SW.	Construct Southbound Right Turn Lane onto SR 1335 (Old Charlotte Rd SW).
10-25-211	Cabarrus	SS-6210AR	SR 1132 (Flowes Store Road) from US 601 to NC 24, MP 6.23-15.31.	Install centerline and edgeline rumblestipes with LLPMs.

CABARRUS-ROWAN MPO & NC DOT - DIVISION 10 PROJECT STATUS REPORT - SEPTEMBER - 2025

PLEASE NOTE - This spreadsheet is compiled several weeks prior to the monthly meeting for distribution into the agenda packet. This information is meant to provide a "general" overview of active design & construction projects. Feel free to contact the listed PM directly for detailed questions surrounding current project specifics.

NO#	CONTRACT TIP#	COUNTY	ROUTE	PROJECT DESCRIPTION	PROJECT DATES	PROJECT MANAGER	STATUS	COMMENTS
1	Y-4810K	CABARRUS	ROGERS LAKE ROAD	Grade Separation over NA/NCRR Railroad and closure at Grade Crossing N.724408Y in Kannapolis	ROW: 2018 LET: 2022	NCDOT Brad Eagle 704-983-4380	Construction Underway	
2	P-5725	CABARRUS	KANNAPOLIS TRAIN STATION	Second Platform and Pedestrian Overpass	ROW: 2019 LET: 2025	NCDOT Brad Smythe 919-707-4118	Utility Relocation Underway	Pending Railroad CON agreement, completion.
3	I-3802AA	CABARRUS	I-85	Installation of Fiber Optic Communications Network, CCTV and DMS System for I-3802A project	ROW: 2022 LET: 2023	NCDOT Brad Eagle 704-983-4380	Construction Underway	
4	U-3415A	CABARRUS	POPLAR TENT ROAD	SR 1394 Poplar Tent Rd. Concord Derita Road to George Liles Pkwy. Widen to 4 lane divided	ROW: 2029 LET: 2033	NCDOT Donald Griffith 704-983-4418	Design Work Underway	PROJECT DATE(S) have changed due to 2026-2035 DRAFT STIP.
5	U-3440	CABARRUS	NC 3 KANNAPOLIS	U-2009 (Westside Bypass)-TO-SR 1691 (Loop Road). Widen existing route to multi-lane facility	ROW: 2015 LET: 2016	NCDOT Michael Hedrick 980-523-0085	PROJECT COMPLETE	Final inspection has occurred. Awaiting contractor correction of punch list items.
6	U-5761	CABARRUS	NC 3 DALE EARNHARDT BLVD	Improve Intersection of NC 3 and US 29/601	ROW: 2022 LET: 2027	NCDOT Donald Griffith 704-983-4418	ROW Acquisition Underway	
7	U-5956	CABARRUS	US 29 CONCORD	Realign Union Cemetery Road to Intersect US 29 at Rock Hill Church Road	ROW: 2022 LET: 2025	NCDOT Randy Bowers 704-983-4418	Utility Relocation Underway	LET is currently scheduled for JANUARY 2026.

NO#	CONTRACT TIP#	COUNTY	ROUTE	PROJECT DESCRIPTION	PROJECT DATES	PROJECT MANAGER	STATUS	COMMENTS
8	U-6032	CABARRUS	MALLARD CREEK ROAD	Mallard Creek Road (SR-2467)/ Derita Rd (SR-1445) from I-485 to Concord Mills Blvd. Widen to 6 lanes	ROW: 2022 LET: 2029	NCDOT Donald Griffith 704-983-4418	ROW Acquisition Underway	PROJECT DATE(S) have changed due to 2026- 2035 DRAFT STIP.
9	HS-2010H	CABARRUS	NC 49 @ ZION CHURCH ROAD	Convert to RCI	ROW: 2024 LET: 2026	AGENCY- Donald Harward 704-983-4400	Utility Relocation Underway	
10	HS-2010Q	CABARRUS	NC 49 @ OLD AIRPORT ROAD	Convert to RCI	ROW: 2025 LET: 2027	AGENCY- Donald Harward 704-983-4400	Design Work Underway	
11	HS-2010R	CABARRUS	ROBINSON CHURCH ROAD	Near Peach Orchard Road - Wedge, widen, shoulders & ditch grade.	ROW: 2025 LET: 2027	AGENCY- Donald Harward 704-983-4400		Project scope area overlaps with Developer's work. Project to be released once Developer is completed.
12	B-5372	CABARRUS	EAST FIRST STREET	BRIDGE - 120109 / SR 1706 Kannapolis Bridge on (East First Street) over US 29	ROW: 2024 LET: 2024	NCDOT Brad Eagle 704-983-4380	Construction Underway	
13	B-5808	CABARRUS	POPLAR TENT ROAD	BRIDGE - 20057 & 120059 (US 29/601) over Irish Dutch Buffalo Creek at Poplar Tent Road	ROW: 2021 LET: 2023	NCDOT Brad Eagle 704-983-4380	Construction Underway	
14	17BP.10.R1 10		EAST GOLD HILL ROAD	BRIDGE - 120105 / E. Gold Hill Road Mt. Pleasant Replace bridge over branch of Big Bear Creek	ROW: LET: 2025	NCDOT- Yanwei Ma 704-983-4400	Construction Underway	
15	BP10.R055	CABARRUS	MAUNEY ROAD	BRIDGE - 120292 / Mauney Road Mt. Pleasant Replace bridge over Little Meadow Creek	ROW: 2022 LET: 2025	NCDOT- Yanwei Ma 704-983-4400	Utility Relocation Underway	

NO#	CONTRACT TIP#	COUNTY	ROUTE	PROJECT DESCRIPTION	PROJECT DATES	PROJECT MANAGER	STATUS	COMMENTS
16	BP10.R047	CABARRUS	GOLD HILL ROAD	BRIDGE - 120083 / SR 2408 (Gold Hill Road) over Dutch Buffalo Creek	ROW: 2023 LET: 2025	NCDOT- Yanwei Ma 704-983-4400	Design Work Underway	
17	BP10.R034	CABARRUS	MOUNT OLIVE ROAD	BRIDGE - 120073 / SR 2416 (Mt Olive Road) Mt. Pleasant over Branch of Dutch Buffalo Creek	ROW: 2024 LET: 2026	NCDOT- Yanwei Ma 704-983-4400	Design Work Underway	
18	BP10.R015	CABARRUS	OLD AIRPORT ROAD	BRIDGE -120129 / SR 2635. (Old Airport Road) Concord over Cold Water Creek	ROW: 2023 LET: 2027	NCDOT- Yanwei Ma 704-983-4400	Design Work Underway	
19	BP10.C003	CABARRUS	PENNINGER ROAD	BRIDGE - 120050 / SR 2113 (Penninger Road) over Br. Of Cold Water Creek	ROW: 2027 LET: 2029	NCDOT- Yanwei Ma 704-983-4400	Design Work Underway	
20	BR-0244	CABARRUS	ROGERS LAKE ROAD	BRIDGE - 120033 / SR 1625 (Rogers Lake Rd.) over Irish Buffalo Creek	ROW: 2026 LET: 2030	NCDOT- Yanwei Ma 704-983-4400	Design Work Underway	
21	BR-0181	CABARRUS	LANE STREET	BRIDGE - 120062 / SR 2180 (Lane St.) over Lake Fisher	ROW: 2025 LET: 2030	NCDOT- Yanwei Ma 704-983-4400	Design Work Underway	
22	EB-5732	CABARRUS	CONCORD MILLS BOULEVARD	SR 2894 (Concord Mills Blvd.) Concord Construct Sidewalks on Concord Mills Blvd. and portions of Weddington Road from US 29 to SR 1431	ROW: 2029 LET: 2031	NCDOT- Terry Burleson 704-983-4400		PROJECT DATE(S) have changed due to 2026-2035 DRAFT STIP.
23	EB-5844	CABARRUS	LITTLE TEXAS ROAD	Little Texas Road from Lane Street to Dale Earnhardt Blvd -Sidewalk	ROW: 2024 LET: 2026	NCDOT- Jeff Burleson 704-983-4400	ROW Acquisition Underway	LET has been changed from late 2025 to 1st quarter 2026.

NO#	CONTRACT TIP#	COUNTY	ROUTE	PROJECT DESCRIPTION	PROJECT DATES	PROJECT MANAGER	STATUS	COMMENTS
24	C-5603F	CABARRUS	BETHPAGE ROAD	Bethpage Road from South Main Street to Leonard Avenue and from Westgreen Drive to Klondale Avenue -Sidewalk	ROW: 2025 LET: 2026	NCDOT- Jeff Burleson 704-983-4400	Design Work Underway	
25	C-5603I	CABARRUS	US 601	US 601 from Flowe Store Road to Zion Road with US 601 and Flowe Store Road. Sidewalk and Intersection improvements	ROW: 2025 LET: 2026	NCDOT- Jeff Burleson 704-983-4400	Design Work Underway	
26	BL-0060	CABARRUS	COX MILL ROAD	Cox Mill Road Loop Greenway and Bicycle/Pedestrian Bridge	ROW: 2025 LET: 2026	NCDOT- Jeff Burleson 704-983-4400	Design Work Underway	CON PHASE ONLY Final Plans being revised due to ROW issue. Working on Contract and CON estimate review/ approval. LET date pushed to FY26.
27	BL-0086	CABARRUS	HICKORY RIDGE ROAD & STALLINGS ROAD	Hickory Ridge Road and Stallings Road -Sidewalks	ROW: 2026 LET: 2027	NCDOT- Jeff Burleson 704-983-4400	Design Work Underway	
28	BL-0087	CABARRUS	MULTIPLE LOCATIONS	Elm Avenue, Glenn Street, Crowell Drive, and Cedar Drive - Sidewalk	ROW: 2025 LET: 2026	NCDOT- Jeff Burleson 704-983-4400	Design Work Underway	
29	HL-0001	CABARRUS	POPLAR TENT ROAD	Poplar Tent Road Improvements (Moss Drive to Fullerton PI Drive)	ROW: LET: 2029	NCDOT- Jeff Burleson 704-983-4400	Planning Underway	Design alternatives under evaluation. LET has moved to FY29. 11/1/28
30	HL-0062	CABARRUS	NC 49	NC 49 from Morehead Road to Cedar Drive - Access Management Improvement	ROW: 2026 LET: 2027	NCDOT- Jeff Burleson 704-983-4400	Design Work Underway	ROW to FY26 and CON to FY27

NO#	CONTRACT TIP#	COUNTY	ROUTE	PROJECT DESCRIPTION	PROJECT DATES	PROJECT MANAGER	STATUS	COMMENTS
31	HL-0063	CABARRUS	CALDWELL ROAD	Caldwell Road from US 29 to NC 49-Intersection Improvement and Roadway Extension	ROW: 2026 LET: 2027	NCDOT- Jeff Burleson 704-983-4400	Design Work Underway	ROW to FY26 and CON to FY27
32	R-2246A	CABARRUS	GEORGE LILES PARKWAY	George Liles Parkway Concord NC 49 to Roberta Road. Widen to Multi-Lanes		NCDOT- Dustin Simpson 704-983-4400		Project is funded for PE ONLY per the 2026-2035 Draft Stip
33	BO-2410A	MULTIPLE	VARIOUS LOCATIONS	VARIOUS LOCATIONS - Installation of curb ramps.	ROW: 2024 LET: 2024	NCDOT- Tim Kirk 704-983-4400	Construction Underway	
34	2024CPT.10.17.20131 - Contract DJ00512	CABARRUS	VARIOUS LOCATIONS	VARIOUS LOCATIONS - 3 sections of secondary roads for Resurfacing/FDR	ROW: LET: 2024	AGENCY- Brad Eagle 704-983-4400	Construction Underway	
35	2024CPT.10.04.20131 - Contract DJ00487	CABARRUS	VARIOUS LOCATIONS	VARIOUS LOCATIONS - 38 sections of secondary roads for Resurfacing	ROW: LET: 2024	AGENCY- Brad Eagle 704-983-4400		Scheduled to start Spring 2025
36	2024CPT.10.03.10131 - Contract DJ00486	CABARRUS	VARIOUS LOCATIONS	VARIOUS LOCATIONS - 1 Section of NC 3, 1 Section of NC 24/27 and 3 sections of secondary roads	ROW: LET: 2023	AGENCY- Brad Eagle 704-983-4400	Construction Underway	
37	R-5790JH	CABARRUS	VARIOUS LOCATIONS	VARIOUS LOCATIONS - Installation of curb ramps.	ROW: 2023 LET: 2023	NCDOT- Michael Hedrick 980-523-0085	Construction Underway	Contractor defaulted. Currently working with other ramp contractor to finish.
38	2023CPT.10.15.20131 - Contract DJ00453	CABARRUS	VARIOUS LOCATIONS	VARIOUS LOCATIONS - 9 sections of secondary roads	ROW: LET: 2023	AGENCY- Brad Eagle 704-983-4400	Construction Underway	Awaiting Punch List Completion

NO#	CONTRACT TIP#	COUNTY	ROUTE	PROJECT DESCRIPTION	PROJECT DATES	PROJECT MANAGER	STATUS	COMMENTS
39	2023CPT.10.14.10131 - Contract DJ00447	CABARRUS	VARIOUS LOCATIONS	VARIOUS LOCATIONS - 1 Section of NC 3 and 3 sections of secondary roads	ROW: LET: 2023	AGENCY- Brad Eagle 704-983-4400	Construction Underway	Awaiting Punch List Completion
40	2025CPT.10.04.10131, 2025CPT.10.04.20131 Contract DJ00540	CABARRUS	VARIOUS LOCATIONS	VARIOUS LOCATIONS - 1 section of US 601 and 3 sections of secondary roads	ROW: LET: 2024	AGENCY- Brad Eagle 704-983-4400		Available to start in Spring 2025.
41	2025CPT.10.05.20131, 2025CPT.10.05.20132, 10.101311 Contract DJ00554	CABARRUS	VARIOUS LOCATIONS	VARIOUS LOCATIONS - 8 sections of secondary roads with 2 FDR roads and 1 road diet included	ROW: LET: 2025	AGENCY- Brad Eagle 704-983-4400		Precon Scheduled 5/21 - ICT for Road Diet on MLK Jr Blvd Delayed completion until 8/5/26
42	2025CPT.10.21.20131 Contract DJ00560	CABARRUS	VARIOUS LOCATIONS	VARIOUS LOCATIONS - 8 sections of secondary roads	ROW: LET: 2025	AGENCY- Brad Eagle 704-983-4400		Available to start in Spring 2025.



NORTH CAROLINA
Department of Transportation

Transportation Planning Division Update

Cabarrus Rowan MPO TAC

October 22, 2025

Alpesh Patel, Director

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

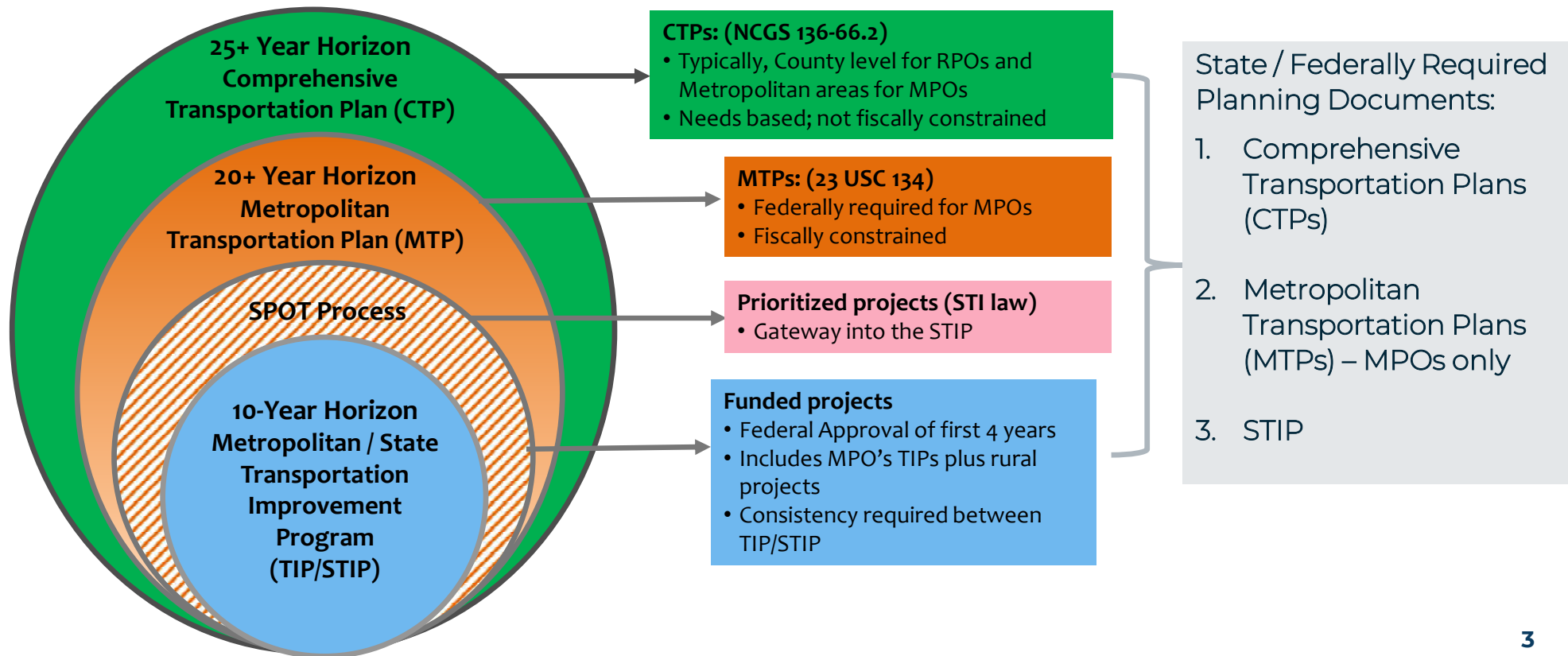
Outline

- Planning Context
- Initiatives
- Internal/External Engagement
- Roadmap – Future State

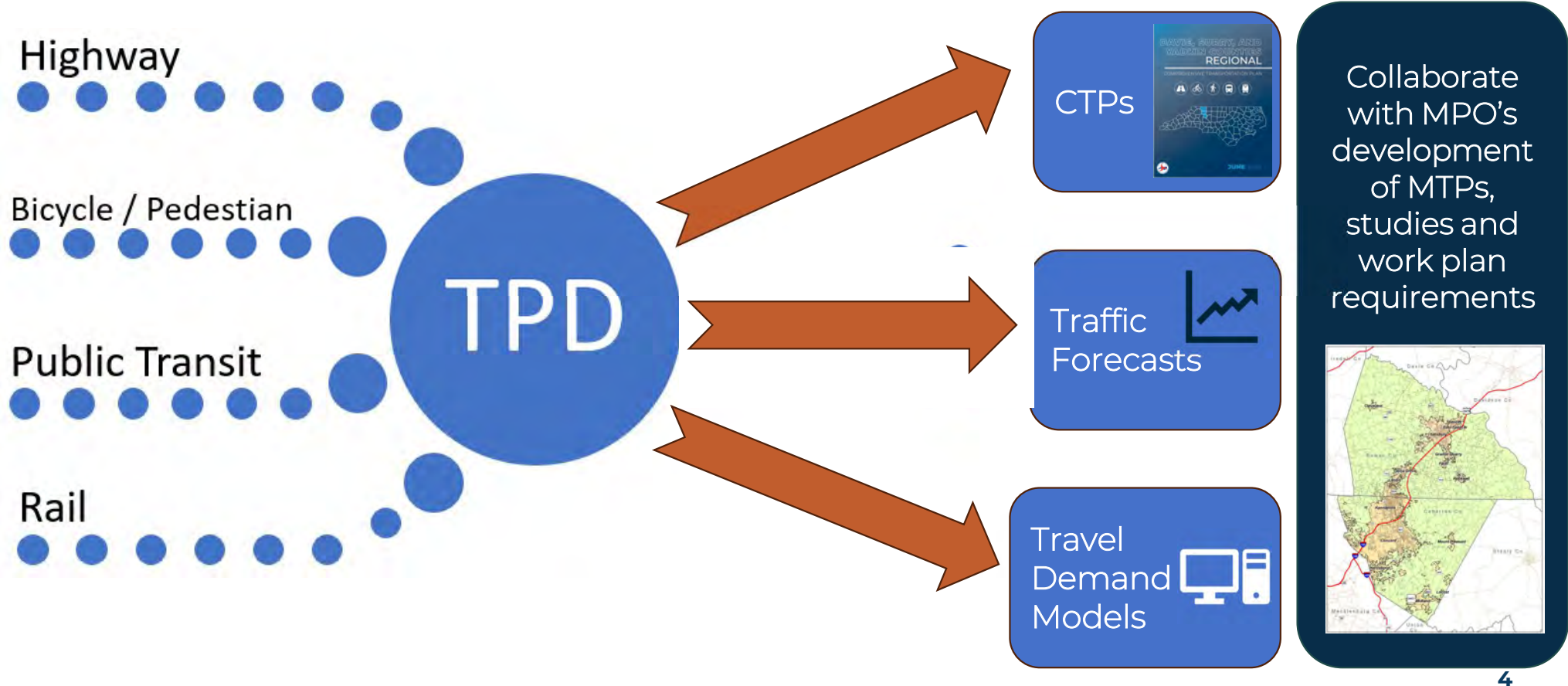


Early Stages: Planning, Prioritization, & Programming

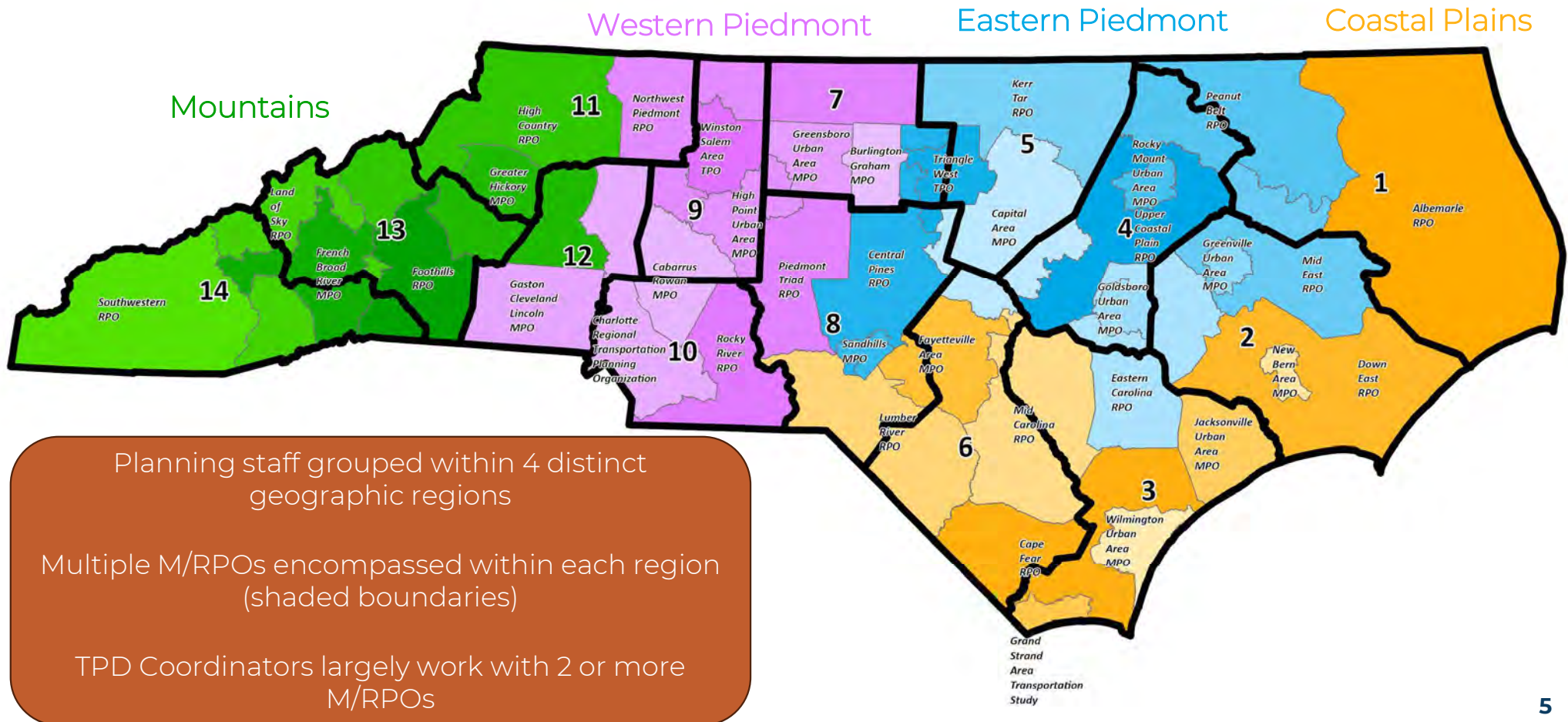
Long Range Transportation Planning



Transportation Planning Division (TPD) – 25-to-30-year vision



TPD - Structured to serve our partners



TPD Strategic Plan

(released May 2025)



Vision

Become a **premier leader** in planning innovative transportation solutions.



Mission

Deliver a **premier planning process** that is integral to a **high-performing, multimodal transportation** system in North Carolina.

Add **value and visibility** to TPD employees, partners, and the public, and meet new challenges through **leadership and innovation**.

6 Goals

6 Values

Connect Refresh

- New Landing Page
- Core services and products
- September 2025

Transportation Planning Division (TPD)

Resources for planning your transportation improvement project.

Connect NCDOT > Projects > Planning > Transportation Planning Division (TPD)

TPD 101

Under Construction



General overview of “TPD 101” - what we do, what we produce, who we interact with. Narrative that introduces “three-legged stool(or a visual that conveys this easily) [planning, traffic forecast, modeling]. Narrative and links to interactive maps

Comprehensive Transportation Plans (CTP)

Traffic Forecasting

Model Research and Development

Metropolitan and Rural Planning Organizations

Title VI

Long Range Planning



Planning staff grouped within 4 distinct geographic regions

Multiple M/RPOs encompassed within each region (shaded boundaries)

Employee Directory

Staff contacts for Transportation Planning Division.

TPD Pages

CTPs

Comprehensive Transportation Plans

Economic Development

Transportation and Infrastructure Improvements

Environmental Justice and Transportation Disadvantage Index Tool

Environmental Justice (EJ) and Transportation Disadvantage Index (TDI)

Feasibility Study

Feasibility Study Documents

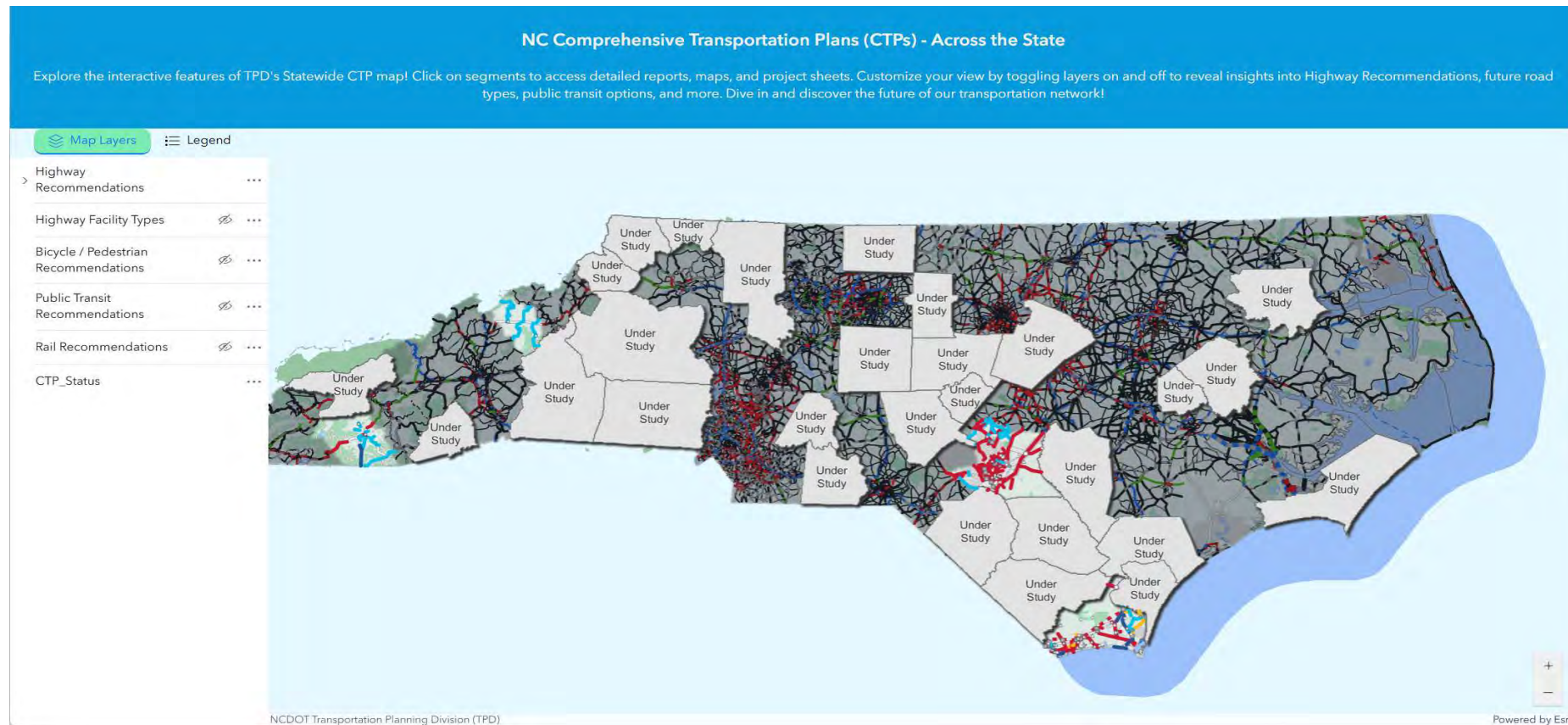
Functional Classification

Functional Classification of Highways

Integration Project

Long Range Transportation Planning and Project Development

Interactive CTP Map – Launched May 2025

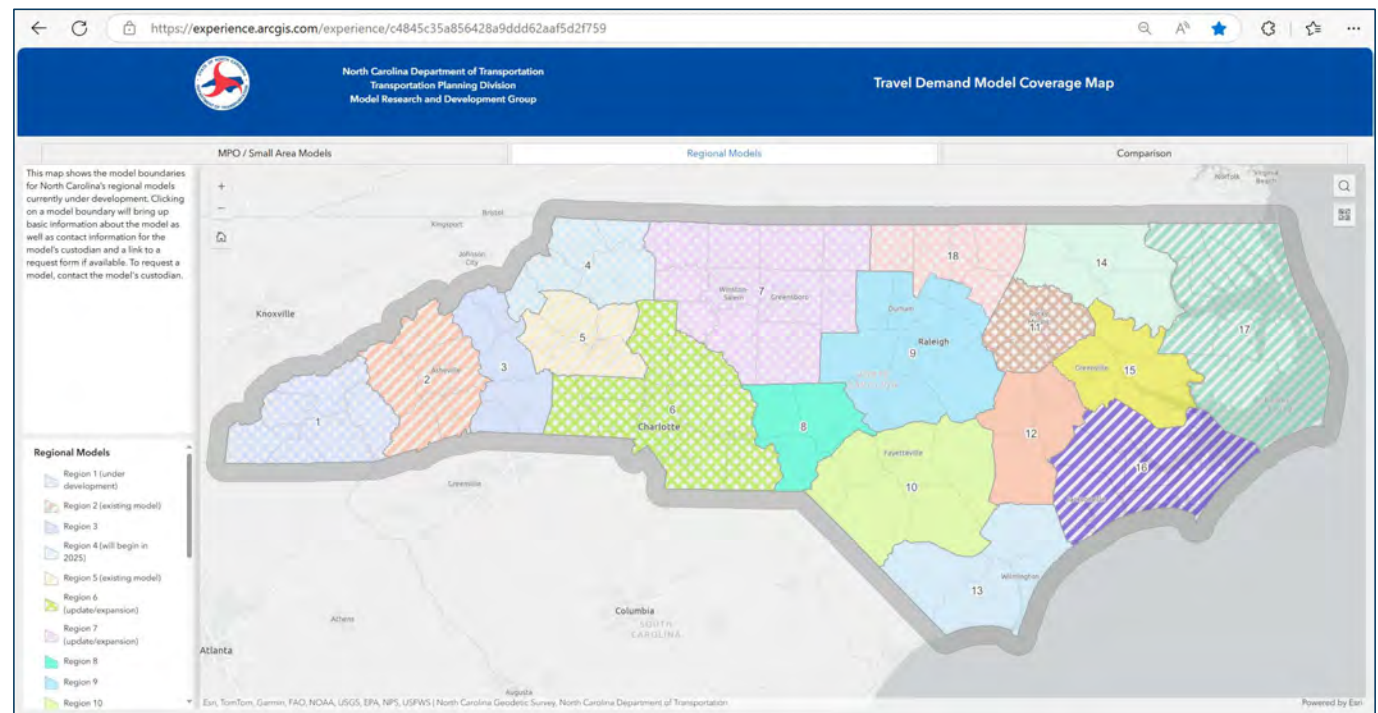


[https://connect.ncdot.gov/projects/planning/TPB%20Documents/NC%20Comprehensive%20Transportation%20Plans%20\(CTPs\)%20-%20Across%20the%20State.aspx](https://connect.ncdot.gov/projects/planning/TPB%20Documents/NC%20Comprehensive%20Transportation%20Plans%20(CTPs)%20-%20Across%20the%20State.aspx)

TDM interactive Map - Launched March 2025

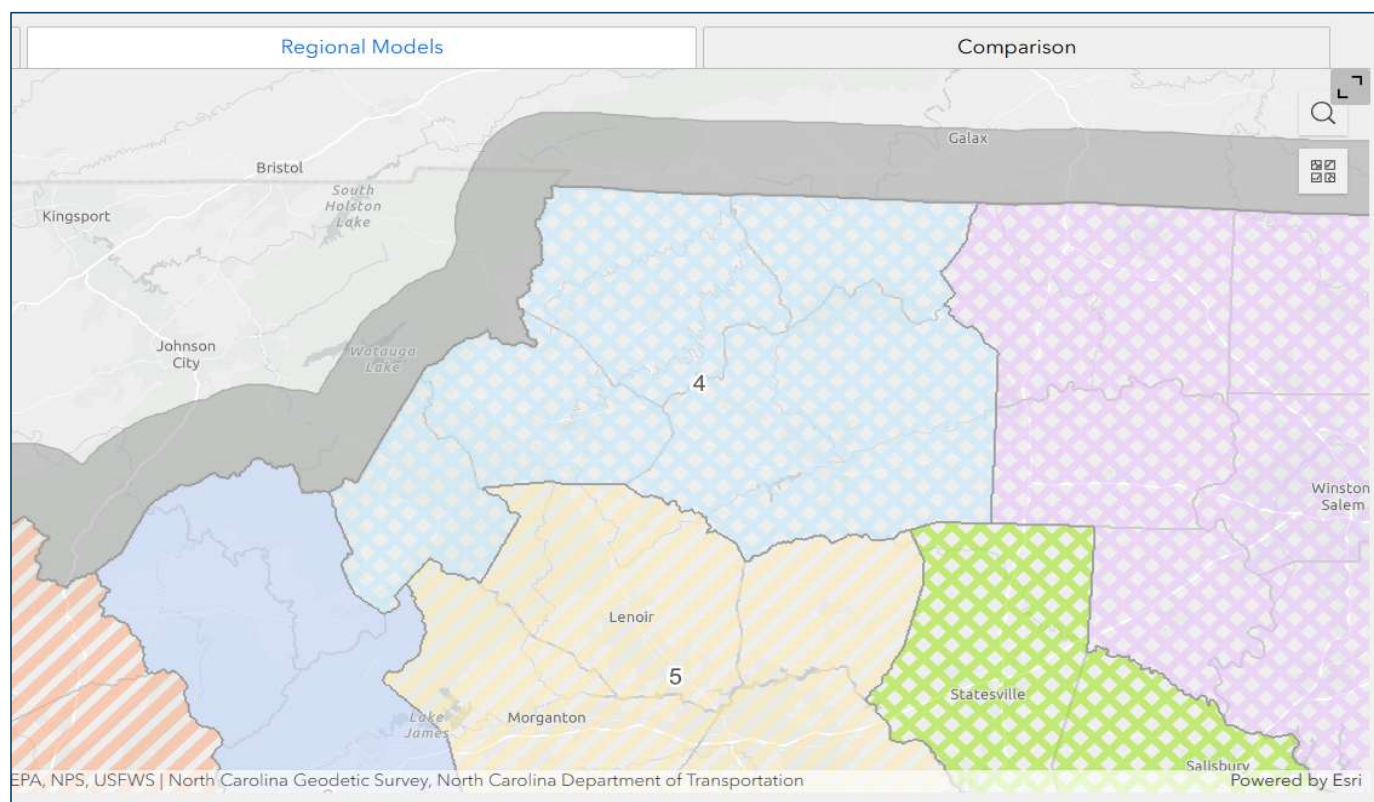
- Launched March 2025
- AGOL Map – MPO / Non-MPO Models
- Regional Models - Color pattern communicates model status

<https://shorturl.at/L2hIw>



High Country RPO / Region 4 Model

- 5 county modeled area
- Working Committee
 - County Managers, Transit operators and Appalachian State / Community Colleges
- Output informs Watauga County CTP
- Summer 2025



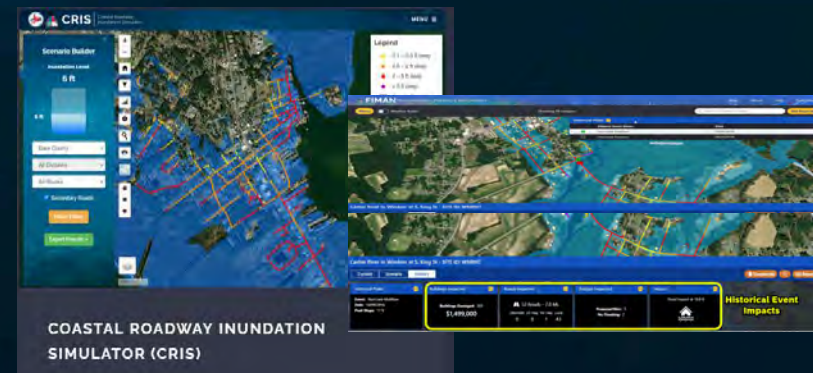
Integrating Resilience into the CTP Process

Purpose

- Incorporate resilience planning into NCDOT's CTP development – Pilot through Regional CTP (Camden, Currituck and Pasquotank Counties).
- Align with NCDOT's Resilience Improvement Plan (RIP)

Goals

- Identify vulnerabilities from floods, sea level rise, and hazards
- Utilize NCDOT tools - RAFT, CRIS, FIMAN-T to guide planning



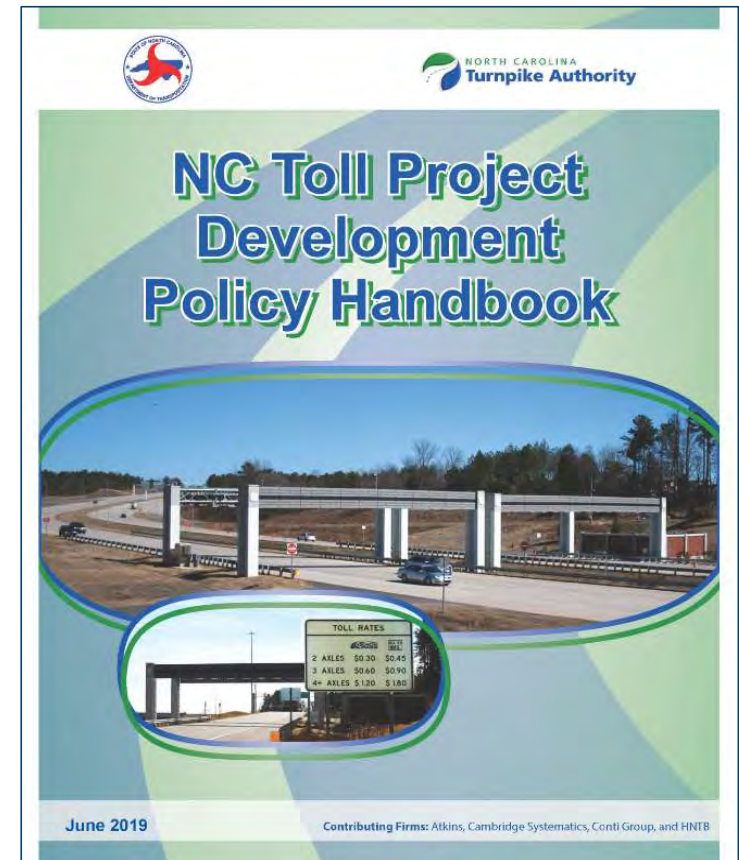
Update NC Toll Policy Handbook

Adopted in 2018

- Process to evaluate toll candidate projects prior to SPOT submission
- Financial feasibility and potential performance
- Engage partners, develop submission application
- Inform local planning decisions (M/CTP Updates)

Scope

- Peer review / enhanced screening tool / training
- Summer 2025



Raise the Planning Bar

Go Forward Actions

CTP to Programming Linkage

Path to STIP, project delivery
Screening tests
Efficiencies in CTP production
Toll Policy Handbook update
Travel Demand Models in non-urban areas
Resiliency assessments in CTPs
(Summer 2025 - ongoing)

Rebrand

Updated TPD Mission,
Vision, & Goals
(Spring 2025)

New Connect page

Up-to-date resources
3-month schedules
Announcements
(September 2025)

Annual Report

Achievements and
accomplishments
(Spring 2026)

Partnerships

MPOs / RPOs - Presentations at local
meetings throughout 2025

Internal Customers – increased
interaction with SPOT, STIP, IMD, Other
Modes, Tech Services (ongoing)

Questions?



NORTH CAROLINA
Department of Transportation

HL-0057 Update

I-85 and George W Liles Pkwy/Kannapolis Pkwy Interchange Lighting

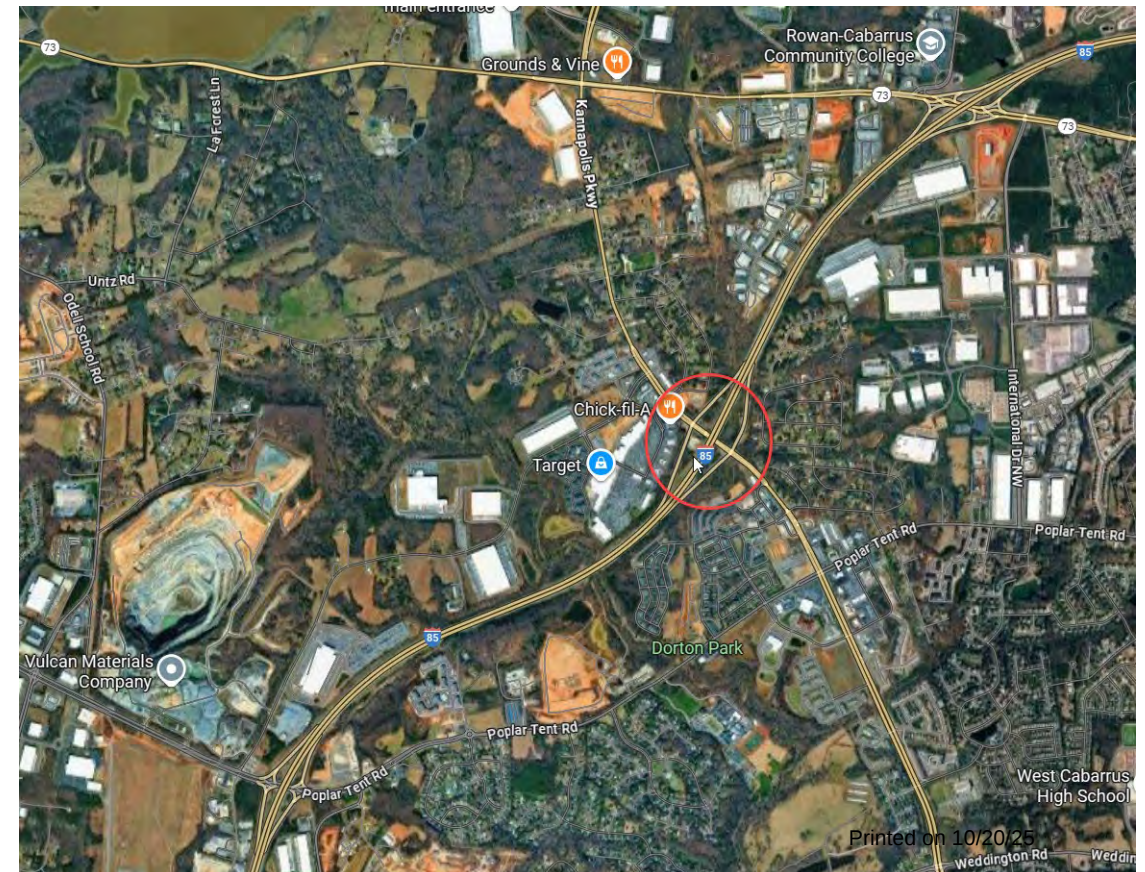
Sean Epperson, PE

October 15, 2025

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

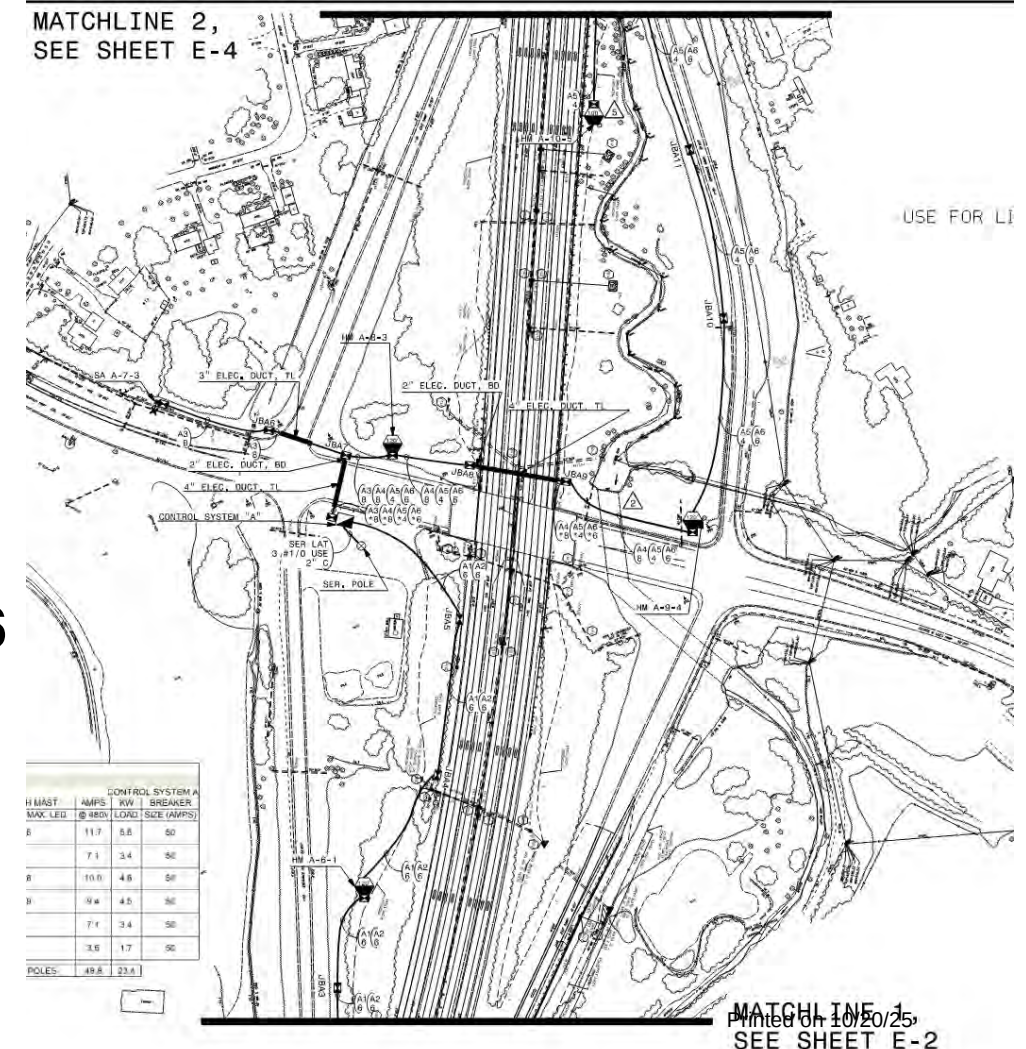
I-85 and George W Liles Pkwy/Kannapolis Pkwy Interchange Lighting (HL-0057)

- The only interchange on I-85 in Cabarrus County without interchange lighting
- Funded with STBG-DA Funds from CRMPO
- Funded amount is \$1M



I-85 and George W Liles Pkwy/Kannapolis Pkwy Interchange Lighting (HL-0057)

- Opened bids in September, Contract was awarded
- Contractor date of availability – March 30, 2026
- Contract completion date – October 30, 2026



Thank you!

September 26, 2025

MEMO TO: Phil Conrad, Director
Cabarrus - Rowan Metropolitan Planning Organization (CRMPO)

FROM: Teresa Robinson, P.E., STIP Western Region Manager
North Carolina Department of Transportation

DocuSigned by:
Teresa Robinson
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SUBJECT: Switching of funding sources for projects in the CRMPO

This memo serves as the official notification regarding the swapping of funding sources for several projects within the CRMPO, as previously approved by the CRMPO TAC. This helped NCDOT secure additional federal funding for North Carolina as part of FHWA's annual August Redistribution process. There is no impact to schedules, local matches, or project management requirements resulting from the swap.

The funding swap consists of using \$6,667,246 of CRMPO's STBG-DA funds in fiscal year (FY) 2025 to obligate funds which have previously been authorized using advanced construction or will be used to fund the project. NCDOT initially planned to use Highway Safety (HSIP) or STBG-AnyArea funds for these purposes.

STIP ID	Route	Phase	Amount of STBG-DA Funds	How the STBG-DA Funds will be Used
W-5709E	NC 153 (Rice Street) Roundabout	PE	\$39,616	Convert Advanced Construction
W-5709E	NC 153 (Rice Street) Roundabout	ROW	\$908,000	Convert Advanced Construction
W-5709E	NC 153 (Rice Street) Roundabout	CON	\$1,390,000	Convert Advanced Construction
HS-2009D	Jake Alexander Boulevard Safety improvements	CON	\$416,000	Convert Advanced Construction
HS-2009E	Old Concord Road Pavement Markings	CON	\$160,000	Convert Advanced Construction
HS-2009I	NC 152 Safety improvements	CON	\$320,000	Convert Advanced Construction
HS-2010D	NC 24/NC 27 Reduced Conflict Intersection	CON	\$600,000	Convert Advanced Construction
HS-2010F	NC 49 (South Tryon Street) Traffic Signal	CON	\$1,124,000	Convert Advanced Construction
HS-2010H	NC 49 Reduced Conflict Intersection	PE	\$17,778	Convert Advanced Construction
HS-2010H	NC 49 Reduced Conflict Intersection	ROW	\$85,108	Convert Advanced Construction
HS-2010Q	NC 49 Directional Crossover	PE	\$86,744	Convert Advanced Construction
EB-5844	SR 2154 (Little Texas Road) Sidewalk	ROW	\$320,000	Convert Advanced Construction
W-5710AO	Old Salisbury Concord Road Safety improvements	CON	\$1,200,000	Convert Advanced Construction

In return, a total of \$6,667,246 of federal STBG-AnyArea funds or state highway trust funds will be allocated to eligible projects selected by the CRMPO in place of the currently planned STBG-DA funds. This amount will be initially reflected as STBG-AnyArea funds in CRMPO's unallocated STBG-DA balance holdout in the STIP (Project U-5614).

The funding swap does not need Board of Transportation approval, as it is considered an administrative modification. We consider this action administrative on the part of CRMPO as well. If you have any questions, please feel free to contact me at (919) 707-4614. Thank you.

cc: Leigh Wing, P.E
David Wasserman, P.E.

	RIDER TRANSIT							RIDER ADA PARATRANSIT						
	2019	2020	2021	2022	2023	2024		2019	2020	2021	2022	2023	2024	2025
January	35154	32795	19946	13670	26317	26781	29858	1014	1233	1064	1291	1877	1755	1450
February	32851	31073	23498	20251	25535	28616	29895	1001	1238	1065	1358	1459	1717	1531
March	35038	25626	36652	23914	28482	31228	33207	1066	887	1558	1626	1781	1626	1579
April	33822	15732	36209	24336	26145	32730	34167	1117	550	1555	1474	1565	1647	1415
May	36735	18489	36769	24130	28,564	32920	33287	1015	687	1464	1542	1609	1523	1375
June	36931	22239	35573	26036	27521	32708		918	997	1370	1638	1629	1410	
July	37265	22975	27155	24640	27290	33752		956	1065	1305	1476	1536	1432	
August	38455	22020	27824	26857	31323	37532		1041	1191	1233	1740	1978	1595	
September	35590	21712	27014	27278	27870	33401		1076	1231	1286	1553	1511	1466	
October	37727	24501	28779	27419	29829	38060		1175	1024	1304	1550	1728	1625	
November	32930	22073	25692	25003	27854	33670		1132	959	1424	1731	1594	1428	
December	32848	19994	24882	24418	26707	32915		1049	1044	1463	1651	1465	1407	
Totals	425346	279229	349993	287,952	333,437	394,313		12560	12106	16091	18630	19732	18631	

	SALISBURY TRANSIT SYSTEM							SALISBURY ADA PARATRANSIT						
	2019	2020	2021	2022	2023	2024		2019	2020	2021	2022	2023	2024	2025
January	11588	10836	4631	6274	7251			669	662	605				
February	10819	10426	4495	6350	7028			664	587	553				
March	10813	8444	5069	6798	7748			621	641	711				
April	11383	4344	5058	7895	7140			629	442	737				
May	15528	4230	4698	12549	18248			754	505	673				
June	10983	5406	5225	7338	8482			698	618	762				
July	12228	5987	6240	7481				855	605	680				
August	13186	5505	6527	8600				854	495	682				
September	11472	5350	6081	7825				827	529	659				
October	12645	5758	6087	7295				801	590	639				
November	12742	4384	5667	7443				644	545	613				
December		5416	7190	6697					718	703				
Totals	133387	76086	66968					8016	6937	8017				