

**Cabarrus Rowan Urban Area  
Metropolitan Planning Organization  
Transportation Advisory Committee**

**Wednesday August 24, 2022**

**6:00 pm**

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

**Agenda**

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

- Pledge of Allegiance
- Roll Call of Members for Quorum & Introduction of Guests
- List of Eligible TAC Voting Members
- Ethics Reminder
- Legislative or Congressional Update
- 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) FY 2020-2029 MTIP Modification #13 Phil Conrad**

**INFORMATION:** MPO staff typically brings amendments or modifications from recent NCDOT Board of Transportation agendas to the TCC/TAC for consideration. The first project modification is the addition of project break for the Old Concord Road pavement markings (HS-2009E) from Jake Alexander Blvd to the county line. The second project is the addition of a project break for the NC 24-27 reduced conflict intersection (HS-2010F). The third project is the delay of construction to FY 2023 for the Norfolk Southern Crossover Relocation (P-5726B). The fourth project is to add the Clarke Creek Greenway (BL-0060) in FY 2025. delay construction to FY 2023 for P-5726A Salisbury Train station second platform and pedestrian underpass. The fifth project is to delay construction to FY 2023 for the US 29/601 bridge replacement B-5808. The sixth project is to modify the scope and funding amounts for the NC 152 intersection

project (HE-0009). The seventh project is the addition of a project break for the NC 152 intersection project (HE-0009A). The eighth project is the delay in preliminary engineering to FY 2022 for the Poplar Tent and Harris Road intersection project (HL-0001). Attachment 2 is a resolution modifying the MTIP for these projects.

**ACTION/RECOMMENDATION:** 1) Receive a report on modification #13 to the FY 2020-2029 MTIP; 2) Consider endorsing modification #13 to the FY 2020-2029 MTIP.

**3) Performance-Based Planning: CMAQ Targets Phil Conrad**

**INFORMATION:** The FAST Act required that State DOTs and MPOs adopt performance-based planning as a component of the metropolitan transportation planning process. The NCDOT recently released the following congestion performance measures for the Charlotte UZA: 1) annual hours (34) of peak hour excessive delay per capita (PHED) and 2) percent (21) of non-SOV travel. Due to the small portion of the Charlotte UZA in Cabarrus County, these performance measures apply to the Cabarrus-Rowan MPO. The PHED is a 4 year target and the non-SOV is a 2 and 4 year target. It is up to each MPO to either adopt these targets or devise their own targets.

**ACTION/RECOMMENDATION:** 1) Receive a report on the NCDOT CMAQ Performance Targets; and 2) Consider endorsing the CMAQ Performance Targets.

**THIS CONCLUDES THE CONSENT AGENDA**

**4) Approval of May 25, 2022 minutes TAC Chair Smith**

**5) DRAFT 2024-2033 TIP Phil Conrad**

**INFORMATION:** With the suspension of P6.0, NCDOT did not apply their methodology to rank transportation projects across the state. The DRAFT FY 2024-2033 TIP was recently re-released to the public prior to the August Board of Transportation meeting. The TIP includes highway, bicycle, pedestrian, rail and transit projects for the fiscal years 2024 to 2033. The final State TIP is expected to be adopted by the NCDOT Board of Transportation in May of 2023. A summary table of the existing project schedules is included as attachment 5A. The MPO's supplement for the Draft STIP is included as attachment 5B.

**ACTION/RECOMMENDATION:** 1) Receive a report on the re-release of the Draft TIP; and 2) Discuss.

**6) NCDOT Request to Segment U-6029 Phil Conrad**

**INFORMATION:** With the release of the Draft STIP, it has become apparent that U-6029 or the Poplar Tent Road widening may face an uphill climb to gain funding in the near term. NCDOT staff is recommended segmenting this 4 mile project into 2 separate projects that would be scored and programmed independently. The break point would be at the Harris Road intersection where the City of Concord already has a project on the horizon. NCDOT has been conducting an express design on this corridor to ascertain a better cost estimate. As noted this segmentation would require another project slot and additional points from the MPO and Division office to obtain funding in future STIPs. An email from Division 10 staff is included as attachment 6.

**ACTION/RECOMMENDATION:** 1) Receive a report on the NCDOT request to segment U-6029, Poplar Tent Road widening at the Harris Road intersection; 2) Discuss; and 3) Consider endorsing segmentation of the Poplar Tent Road widening (U-6029) at the Harris Road intersection.

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

- Local Reports – NCDOT Division 9 & 10
- Special Studies Update – Rowan County and Town of China Grove
- STBGP Fund Project Call – September 2 deadline
- FY 2023-2026 Carbon Reduction Program Funds
- TAC Meetings

**8) Information Items** **Phil Conrad**

- Rider and Salisbury Transit Ridership
- TPD Newsletter

**Next meeting: September 28, 2022**

- Agenda items for September TAC meeting





**NORTH CAROLINA STATE ETHICS COMMISSION**

**SAMPLE<sup>1</sup>**

**ETHICS AWARENESS & CONFLICT OF INTEREST REMINDER**

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

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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

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<sup>1</sup> 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.

RESOLUTION ADOPTING MODIFICATION #13 TO THE CABARRUS-ROWAN  
METROPOLITAN TRANSPORTATION IMPROVEMENT PROGRAM FOR FY 2020-2029

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

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

**WHEREAS**, the Transportation Advisory Committee has reviewed the current FY 2020-2029 Transportation Improvement Program, dated October 1, 2019, and found the need to modify it;

**WHEREAS**, the following attached modification has been proposed.

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

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

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

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

**NOW THEREFORE**, be it resolved by the Cabarrus-Rowan Urban Area Transportation Advisory Committee that the FY 2020- 2029 Metropolitan Transportation Improvement Program dated October 1, 2019, for the Cabarrus Rowan Urban Area Metropolitan Planning Organization be modified as listed above on this the 24<sup>th</sup> day of August, 2022.

I, Meredith 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 24th day of August 2022.

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Meredith Smith, Chair  
Transportation Advisory Committee

REVISIONS TO THE 2020-2029 STIP  
HIGHWAY PROGRAM

CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION

STIP MODIFICATIONS

* HS-2009E ROWAN PROJ.CATEGORY DIVISION	- CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION	SR 1002 (OLD CONCORD ROAD), SR 1002 (OLD CONCORD ROAD) FROM JAKE ALEXANDER BOULEVARD IN SALISBURY TO THE CABARRUS COUNTY LINE. INSTALL PAVEMENT MARKINGS. <u>ADD NEW PROJECT BREAK AT THE REQUEST OF THE TRANSPORTATION MOBILITY AND SAFETY DIVISION.</u>	CONSTRUCTION	FY 2023 - <u>\$396,000</u> (HSIP) \$396,000
* HS-2010F CABARRUS PROJ.CATEGORY REGIONAL	- CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION	NC 24/27 AND SR 1100 (PINE BLUFF ROAD/ REED MINE ROAD) NEAR LOCUST. INSTALL A REDUCED CONFLICT INTERSECTION. <u>ADD PROJECT BREAK AT THE REQUEST OF THE TRANSPORTATION MOBILITY AND SAFETY DIVISION.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2024 - \$5,000 (HSIP) FY 2025 - <u>\$747,000</u> (HSIP) \$752,000
P-5726B ROWAN PROJ.CATEGORY REGIONAL	- CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION	NORFOLK SOUTHERN, SALISBURY NORFOLK SOUTHERN CROSSOVER RELOCATION. <u>TO ALLOW ADDITIONAL TIME FOR DESIGN, DELAY CONSTRUCTION FROM FY 22 TO FY 23.</u>	CONSTRUCTION	FY 2023 - \$500,000 (T) FY 2024 - \$2,000,000 (T) FY 2025 - \$1,000,000 (T) FY 2026 - <u>\$500,000</u> (T) \$4,000,000

\* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2020-2029 STIP  
HIGHWAY PROGRAM

CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION

STIP ADDITIONS

* BL-0060 CABARRUS PROJ.CATEGORY EXEMPT	- CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION	CLARKE CREEK GREENWAY, STRADER STREET TO COX MILL ROAD. CONSTRUCT GREENWAY. <b><u>ADD PROJECT AT THE REQUEST OF THE MPO.</u></b>	CONSTRUCTION	FY 2025 - \$1,550,000 (CMAQ) FY 2025 - \$387,000 (L) \$1,937,000
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STIP MODIFICATIONS

B-5808 CABARRUS PROJ.CATEGORY REGIONAL	- CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION	US 29/ US 601, REPLACE BRIDGE 120057 AND BRIDGE 120059 OVER IRISH BUFFALO CREEK. <b><u>TO ALLOW ADDITIONAL TIME FOR RIGHT-OF-WAY ACQUISITION AND UTILITY RELOCATION, DELAY CONSTRUCTION FROM FY 22 TO FY 23.</u></b>	CONSTRUCTION	FY 2023 - \$51,000 (BFP) FY 2024 - \$3,740,000 (BFP) FY 2025 - \$1,309,000 (BFP) \$5,100,000
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HE-0009 ROWAN PROJ.CATEGORY DIVISION	- CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION	NC 152, INTERSECTION WITH PROPOSED ACCESS ROAD EAST OF I-85 / US 601 IN CHINA GROVE. WIDEN PAVEMENT AND CONSTRUCT ROUNDABOUT. <b><u>MODIFY PROJECT SCOPE AND FUNDING AMOUNTS AT THE REQUEST OF THE DIVISION.</u></b>	ENGINEERING CONSTRUCTION	FY 2022 - \$600,000 (T) FY 2023 - \$3,900,000 (T) \$4,500,000
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HE-0009A ROWAN PROJ.CATEGORY DIVISION	- CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION	NC 152, INTERSECTION WITH PROPOSED ACCESS ROAD EAST OF I-85 / US 601 IN CHINA GROVE. INTERMEDIATE INTERSECTION IMPROVEMENTS. WIDEN PAVEMENT AND CONSTRUCT TURN LANES FOR PHASE I OF ROADWAY IMPROVEMENTS. <b><u>PROJECT BREAK ADDED AT THE REQUEST OF THE DIVISION.</u></b>	CONSTRUCTION	FY 2023 - \$1,000,000 (T) \$1,000,000
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\* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2020-2029 STIP  
HIGHWAY PROGRAM

CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION

STIP MODIFICATIONS

HL-0001 CABARRUS <b>PROJ.CATEGORY</b> DIVISION	- CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION	SR 1394 (POPLAR TENT ROAD), SR 1449 (HARRIS ROAD) INTERSECTION. CONSTRUCT INTERSECTION IMPROVEMENTS AND WIDEN SR 1394 (POPLAR TENT ROAD) FROM SR 2880 (MOSS DRIVE) TO FULLERTON PLACE DRIVE. <u><b>TO REFLECT LATEST SCHEDULE, DELAY                  PRELIMINARY ENGINEERING FROM FY 21 TO FY 22,                  AND RIGHT-OF-WAY FROM FY 22 TO FY 23.</b></u>	ENGINEERING	FY 2022 -	\$1,368,000	(BGANY)
				FY 2022 -	\$342,000	(L)
			RIGHT-OF-WAY	FY 2023 -	\$3,632,000	(BGANY)
				FY 2023 -	\$784,000	(BGDA)
				FY 2023 -	\$1,104,000	(L)
			CONSTRUCTION	FY 2025 -	\$3,140,000	(BGDA)
				FY 2025 -	\$785,000	(L)
				FY 2026 -	\$3,140,000	(BGDA)
				FY 2026 -	\$785,000	(L)
					\$15,080,000	

\* INDICATES FEDERAL AMENDMENT

# PM3 CMAQ UZA Measures <sup>#5 (8/17/22)</sup>

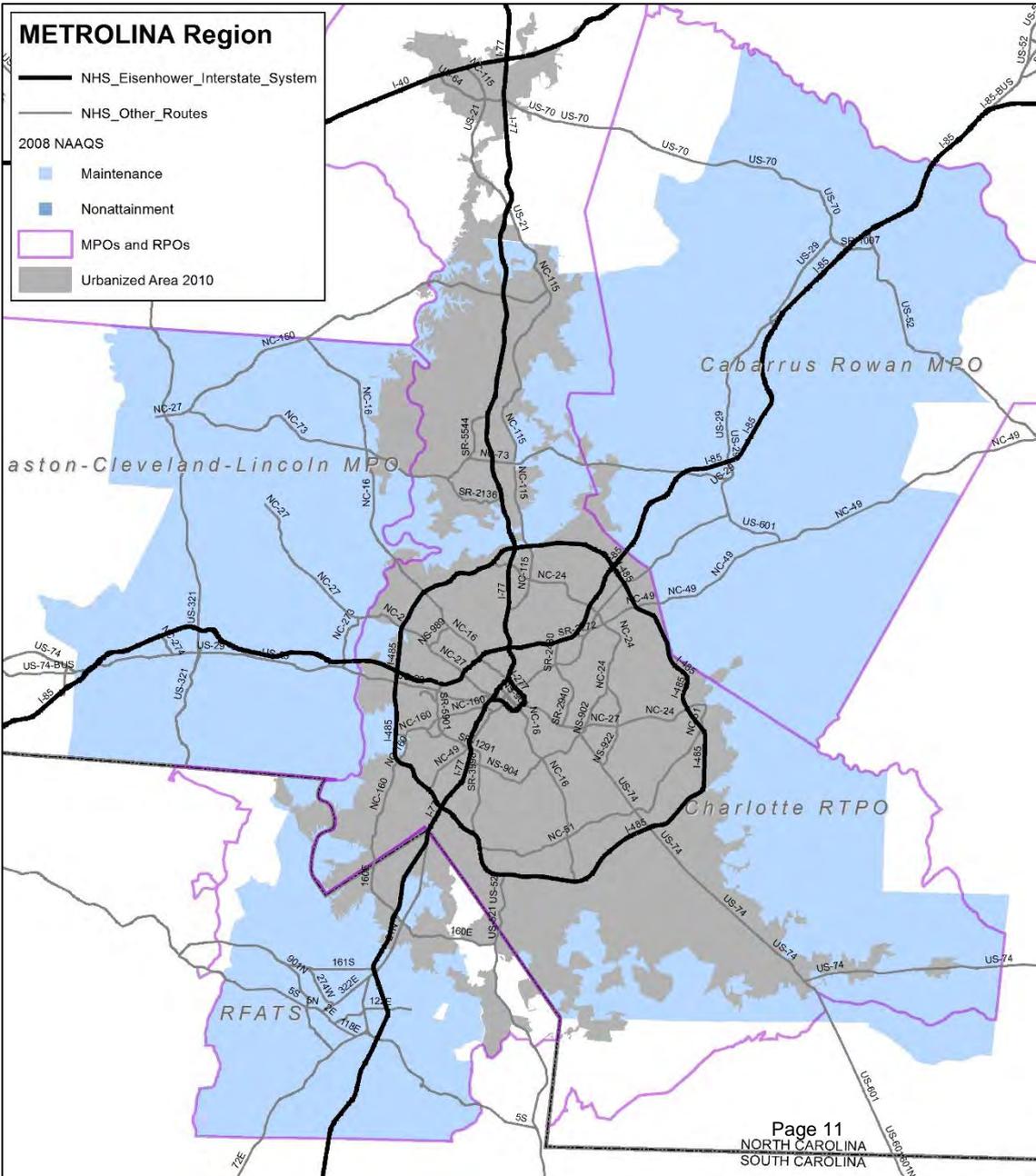


## Two PM3 CMAQ measures apply to the entire Charlotte, NC-SC Urbanized Area (UZA)

CMAQ Congestion Measures
Annual hours of peak-hour excessive delay per capita (PHED)
Percent of non-Single Occupant Vehicle travel (Non-SOV)

All states and MPOs with planning responsibilities within the UZA must jointly set a single, unified target for the UZA

- NCDOT, SCDOT, CRTPO, CRMPO, GCLMPO, and RFATS
- Greater Hickory MPO is encouraged to coordinate



**CMAQ UZA measures:**  
 PHED on NHS roads and  
 Non-SOV travel within  
 the UZA (gray area).



# Peak-Hour Excessive Delay

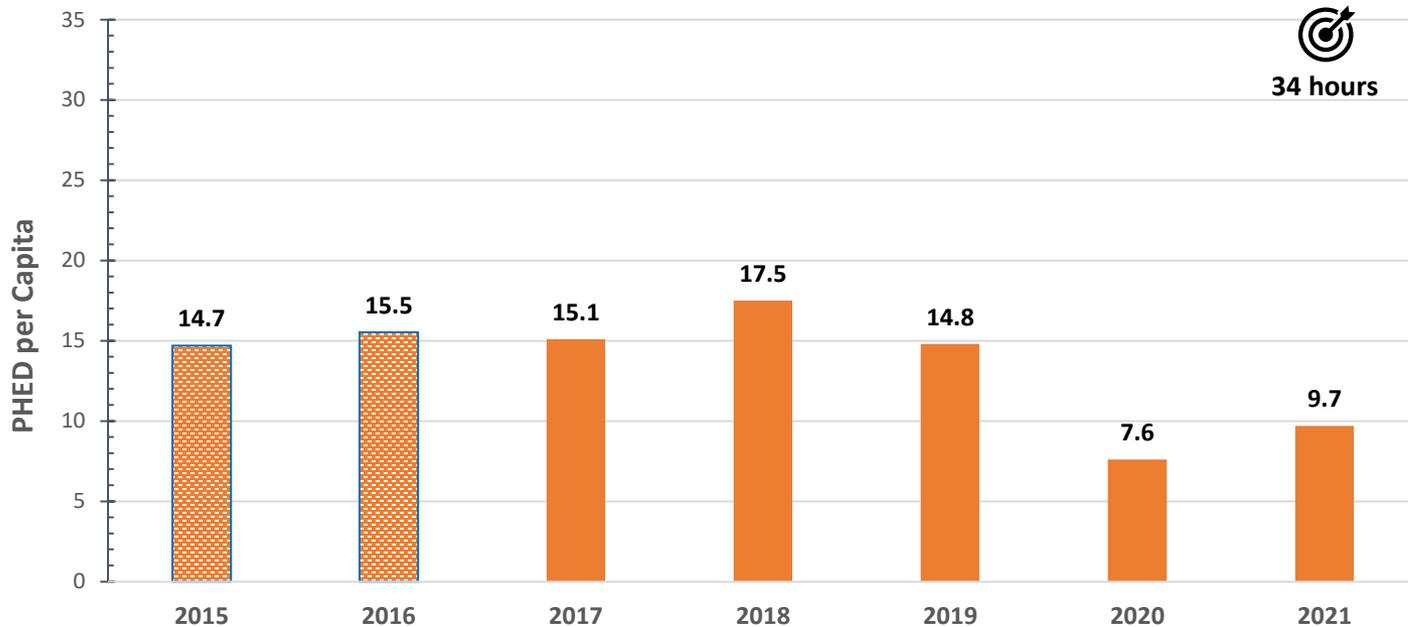
- Represents the extra time spent in congested conditions
  - Defined by speeds that are lower than a 'normal' delay
- Measured only during AM and PM peak travel periods
- Expressed as the annual number of hours per capita in the urbanized area
- Applies to travel on NHS roads within the urbanized area
- A lower number means better performance



# PHED Charlotte UZA

- Annual hours of Peak Hour Excessive Delay per capita (NHS only)

✓ 2019 target not required



NPMRDS1	NPMRDS2	DRAFT
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# Percent Non-SOV Travel



**Based on travel during work commute, age 16+**



**Expressed as the percent of travel that does not take place in a Single Occupancy Vehicle**

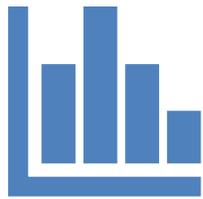


**Non-SOV modes are:**

- Carpool or vanpool
- Public transportation or commuter rail
- Walking or bicycling
- Telecommuting



# Percent Non-SOV Travel (cont)



**Data source = Census Annual ACS  
5-year estimates**

2020 data represents annual average  
for 2016-2020

Census releases ACS data annually in  
December (2020 was delayed)



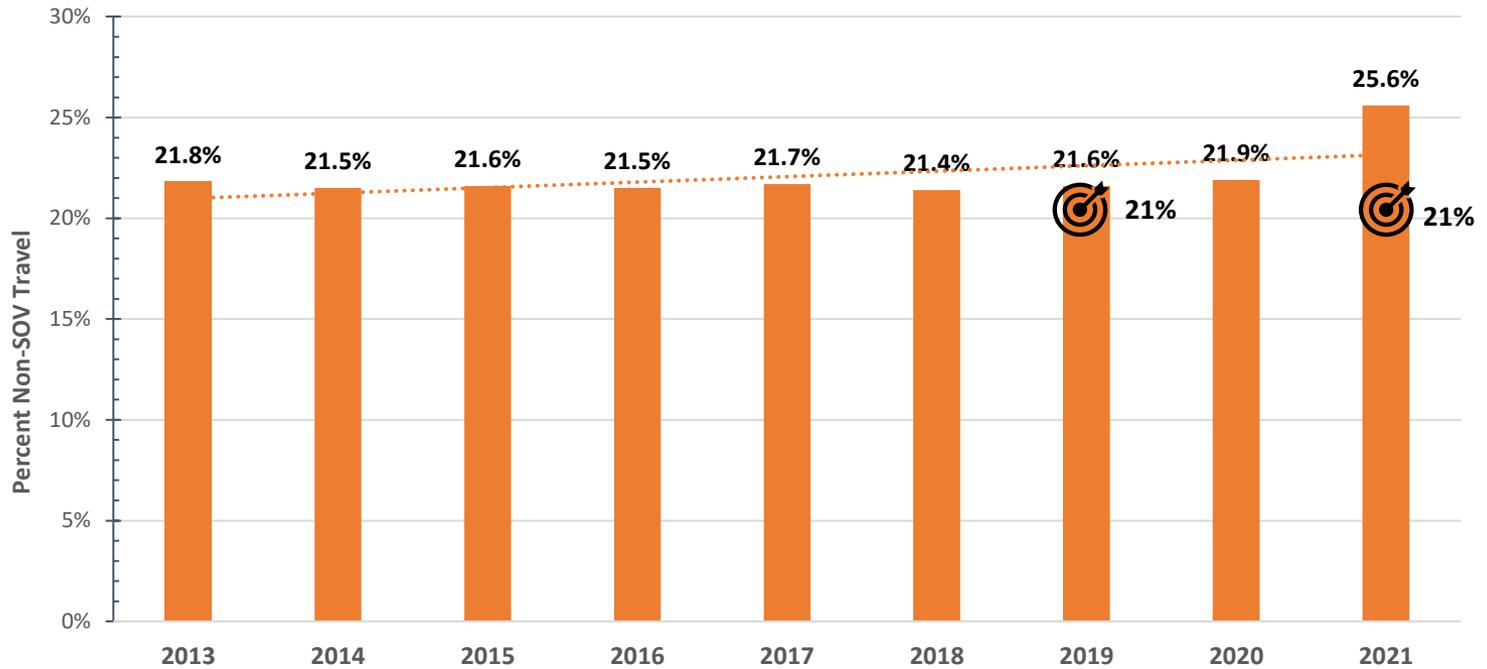
**Must use most recent ACS data as of  
Aug 15<sup>th</sup> of the year in which the  
performance report is due**

This means that 2020 release will be used  
for performance reporting due Oct 1, 2022



# Percent Non-SOV Travel Charlotte UZA

✓ Targets met



From: Richard Denbow [mailto:RDenbow@camsys.com]

Sent: Wednesday, August 24, 2022 11:43 AM

Cc: 'Vreeland, Daryl E' <dvreeland@ncdot.gov>

Subject: Re: Concord UZA performance trends

Phil, I talked to Daryl and we are recommending 10.0 and 17.0 for PHED and Non-SOV targets for both 2023 and 2025.

Rich

**From:** Richard Denbow [mailto:RDenbow@camsys.com]

**Sent:** Monday, August 22, 2022 11:37 AM

**To:** 'pconrad@mblsolution.com' <pconrad@mblsolution.com>

**Cc:** Vreeland, Daryl E <dvreeland@ncdot.gov>

**Subject:** Additional CRMPO CMAQ targets

Hi Phil,

For the performance measures work we are doing, we have determined that CRMPO is required to set additional CMAQ targets for the Concord, NC urbanized area. These will be new PHED and non-SOV travel targets for the performance period of 2022-2025, set jointly with NCDOT, and are in addition to CRMPO also participating in setting joint CMAQ targets for the Charlotte urbanized area.

The reason CRMPO has to now set these targets for the Concord UZA is that the criteria for where these measures apply has changed. For the first performance period (2018-2021), the urbanized area population threshold was 1 million or above. For the second performance period and beyond, the population threshold drops to 200,000. This means CRMPO now meets all three criteria for setting these targets (its border crosses a nonattainment/maintenance area, includes a UZA (Concord) with a population >200,000, and has NHS roads).

CRMPO does not need to do a CMAQ performance plan for the Concord UZA, although you are still required to do one for the Charlotte UZA (which is currently under development).

I'm putting together PHED and non-SOV travel trend data and will send info and charts to you. Below is past PHED.

PHED – Concord, NC UZA:

2017: 10.2 hours

2018: 10.5 hours

2019: 6.0 hours

2020: 4.0 hours

2021: 4.5 hours

Please let me know if you have any questions.

Thanks,

Rich

**Rich Denbow**

Senior Associate

*Pronouns: He / Him*

Cambridge Systematics, Inc.

1201 Edwards Mill Road, Suite 130

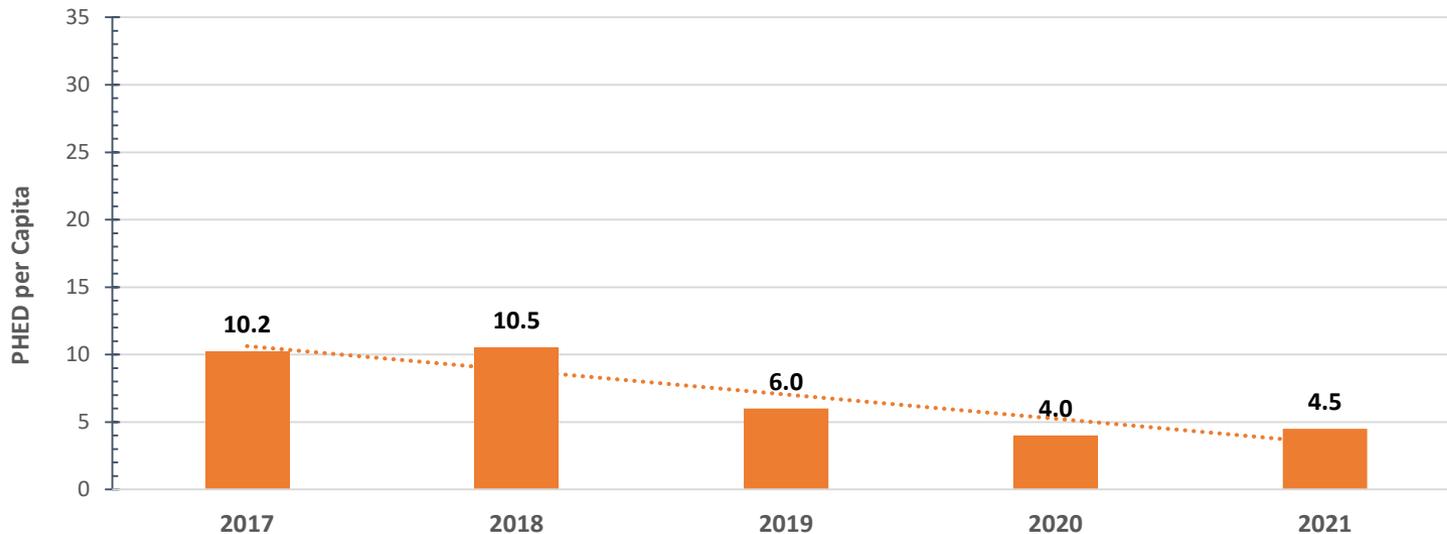
Raleigh, NC 27607

Tel: 919.561.8229



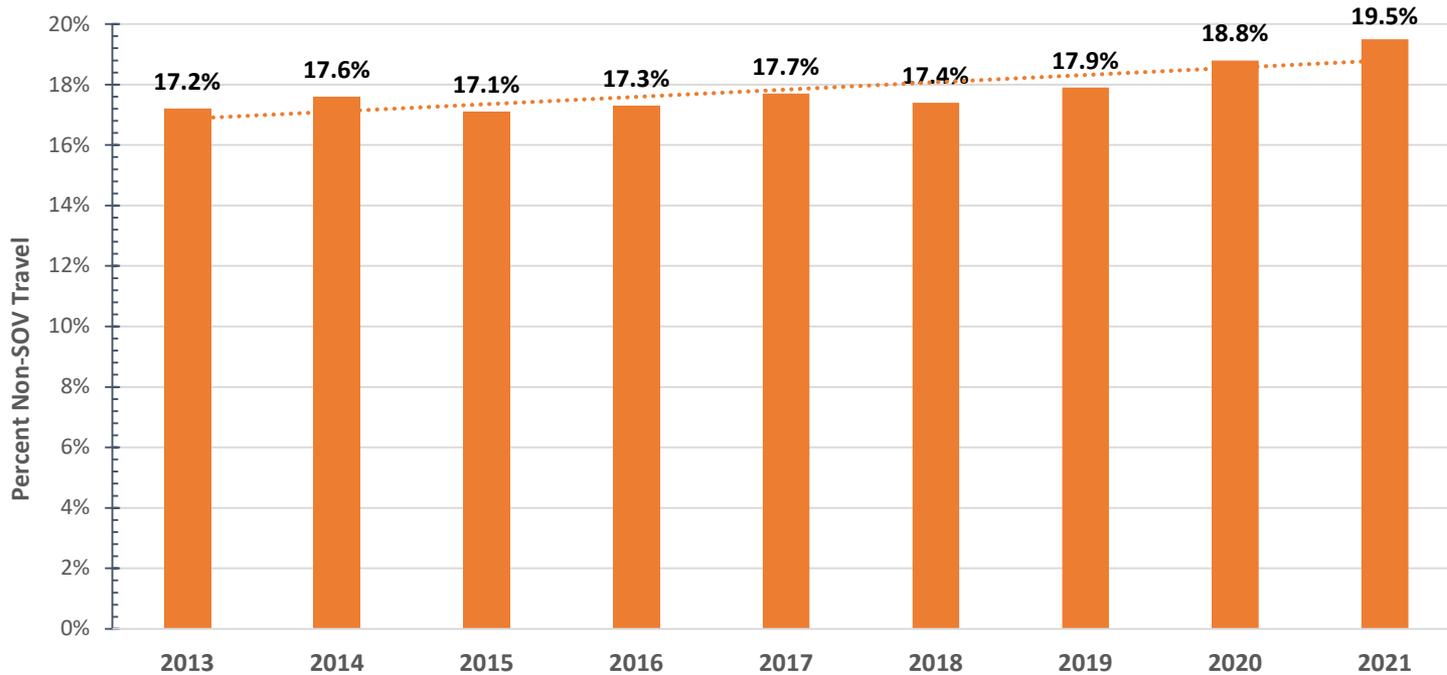
# PHED Concord, NC UZA

- Annual hours of Peak Hour Excessive Delay per capita (NHS only)





# Percent Non-SOV Travel Concord, NC UZA



# MINUTES

## TRANSPORTATION ADVISORY COMMITTEE

Wednesday, May 25, 2022

HYBRID MEETING  
DUE TO COVID-19 PANDEMIC

### Members

Ashley Stewart	Town of Landis
Lori Furr	Town of Mt. Pleasant
JC McKenzie	City of Concord
Greg Edds	Rowan County
Ryan Dayvault*	City of Kannapolis
Brittany Barnhardt	Town of Granite Quarry
Karen Alexander	City of Salisbury
Ron Smith	Town of Harrisburg
Steve Miller	Town of Spencer
Charles Seaford	Town of China Grove
Deloris High*	Town of East Spencer

\*Attended in person

### Others

Phil Conrad*	CRMPO Director
David Wasserman	NCDOT
Connie Cunningham	CRMPO Staff
Stuart Basham	NCDOT Div 10
Wilmer Melton	City of Kannapolis
Brett Canipe	NCDOT Div 10
Phillip Craver	NCDOT Div 9
Fred Haith	NCDOT Div 9
Roger Castillo	NCDOT TPD
Phillip Graham	City of Concord
Elaine Spaulding	Rowan Chamber
Terry Crawford	City of Concord
Diamond Staton-Williams	Town of Harrisburg
Carolyn Carpenter	CCSC
Shawn Rush*	Town of East Spencer
Wilmer Melton	City of Kannapolis
Tamara Sheffield	City of Salisbury
Amna Cameron	NCDOT
Rodney Harrison	Salisbury Transit
Dylan Frick	

### Call to Order

TAC Vice Chair Ryan Dayvault called the May 25, 2022 meeting of the Cabarrus Rowan MPO TAC to order at approximately 5:40 pm. Chairman Dayvault welcomed all to the meeting and asked all present to recite the Pledge of Allegiance to a flag displayed on their screens. After reciting the pledge, Vice Chair Dayvault called the roll of eligible voting TAC members and determined that a quorum had been met.

He continued by reading the NC State Ethics Commission Ethics Awareness and Conflict of Interest requirement and asked that should a conflict arise during any part of the meeting, TAC members should recuse themselves from that portion of the meeting.

Vice Chair Dayvault asked for any Chamber of Commerce updates. Mrs. Elaine Spaulding from the Rowan Chamber reported on upcoming events with the Rowan Chamber which included the

Dragon Boat Race on July 23 and a trip to Raleigh coming up on June 7, 2022 to meet with NC Transportation Secretary Boyette.

Vice Chair Dayvault then asked if there were any speakers from the floor. With none being heard he moved on to the next order of business.

Vice Chair Dayvault asked the members if there were any adjustments to the meeting agenda including the Consent Agenda. Director Conrad made a request to add an item to the bottom of the Reports. This item was a presentation from NCDOT STIP Unit. Without any further adjustments heard Mr. Ron Smith made a motion to approve the agenda with adjustment including the Consent Agenda and Mrs. Karen Alexander seconded the motion. The TAC members voted unanimously to approve.

## **CONSENT AGENDA**

All items on the consent agenda are considered 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 were presented for TAC consideration on the Consent Agenda:

### **FY 2020-2029 MTIP Modification #12**

The first project modification in this request is the addition of a roundabout and traffic signal at NC 152 in FY 2023 for HE-0009 as an economic development project. The second project is to change the funding source to federal for B-5772 the Hurley School Road bridge. The third project is to delay construction to FY 2023 for the BL-0043 North Washington Street sidewalk. The fourth project is to delay construction to FY 2023 for P-5726A Salisbury Train station second platform and pedestrian underpass. The fifth project is to delay construction to FY 2023 for P-5719C or the acquisition of 8 rail cars. The sixth and final project is the delay in construction to FY 2023 for P-5725 Kannapolis Train station second platform and pedestrian underpass.

Director Conrad called members' attention to Attachment #2 which was a resolution modifying the MTIP for these projects. There were no questions or comments.

## **THIS CONCLUDES THE CONSENT AGENDA**

### **Mileage Based User Fee Pilot Program**

Director Conrad introduced Ms. Amna Cameron, NCDOT Manager of Performance Metrics & Management. Ms. Cameron provided the members with a presentation regarding a new pilot program. She explained that the Eastern Transportation Coalition is a partnership of 17 states and Washington D.C. that is focused on making transportation better, safer, and more reliable. She explained that help is needed to find an alternative approach to the traditional fuel tax called a Mileage-Based User Fee. A Mileage-Based User Fee (MBUF) means drivers only pay for the miles they travel, rather than the amount of fuel they use.

To better understand how an MBUF program could work, the Coalition is conducting a Pilot Program in North Carolina and they want elected officials to join and tell them what they think. She explained it is free to participate, and there are strict privacy protection measures to safeguard your data. She invited everyone to participate and provided information on where to get the information to enroll.

### **Approval of March 23, 2022 Minutes**

Vice Chair Dayvault called members' attention to the minutes from the March 23, 2022 meeting included in their meeting packets. Vice Chair Dayvault asked if there were any corrections or additions to the minutes. With none being heard, Mr. J.C. McKenzie made the motion to approve the minutes as presented. Mr. Ron Smith seconded the motion and the TAC members followed with a unanimous vote to approve.

### **Draft 2024-2033 TIP**

CRMPO Executive Director Phil Conrad reported to the TAC members that with the suspension of P6.0, NCDOT did not apply their methodology to rank transportation projects across the state or incorporate the local input (MPO) points and Division Engineer rankings/points. The DRAFT FY 2024-2033 TIP was recently released to the public prior to the May Board of Transportation meeting. Director Conrad explained that the TIP includes highway, bicycle, pedestrian, rail and transit projects for the fiscal years 2024 to 2033. He went on to say that the final State TIP is expected to be adopted by the NCDOT Board of Transportation in the summer of 2023.

Director Conrad continued by calling members' attention to Attachment 4A included in their packets which was a series of slides describing the development of the DRAFT STIP. Director Conrad reviewed the information item by item with the members. He then moved on to Attachment 4B which included the CRMPO's supplement for the DRAFT STIP. Director Conrad went on to report to the members that certain projects are eligible for swaps although they must be in the same tier. Those requests must be submitted by September 2022. He reported that the City of Concord Regional Airport has requested a swap and that a letter of explanation and support are included in the meeting packet.

Director Conrad went on to call members attention to Attachment 4C which was a table of the existing project schedules. There were no questions or comments from members when he concluded.

### **Proposed STBGP Fund Project Call**

Director Phil Conrad reported to the TAC members that the CRMPO would like to issue a call for project proposals for the STBGP funding. The call, Director Conrad reported would conclude on September 2, 2022. Director Conrad informed the TAC members that CRMPO staff received a total of 4 project requests from 3 project sponsors for the last call. The total cost of these projects was \$20.4 million. Director Conrad went on the report that NCDOT staff has indicated a balance of STBGP funds in the amount of \$21.7 million thru FY 2027. Director Conrad stated that the CRMPO typically receives a normal apportionment of about \$4 million annually, which is

dependent on the TMA designation. Director Conrad called members' attention to a copy of an email from Mr. David Wasserman in reference to the call contained in their agenda packets.

When Director Conrad asked for questions or comments there were none heard and he moved onto the REPORTS item.

### **Reports/CRMPO Business**

1. Local Reports - NCDOT Division 9 & 10 – Mr. Fred Haith, NCDOT Division 9 informed TAC members that the Division 9 Updates are included in their meeting packet and that he had no further information to add.

Mr. Brett Canipe, NCDOT Division 10 representative called TAC members' attention to a spreadsheet of Division 10 project updates. He reviewed some of the projects in Division 10.

2. Special Studies Update – Rowan County, Town of China Grove, and 2050 MTP Assistance - Director Conrad gave a brief update on the 3 special studies that are ongoing.
3. Letter of Support for Salisbury Micro Transit – CRMPO Director Conrad called members' attention to a copy of an email from the City of Salisbury representative regarding a letter of support needed from the CRMPO for the City of Salisbury's request for funding Micro Transit. An example of a support letter was included for the TAC member's review. By consensus, TAC members approved sending a letter of support.

### **Informational Items**

- ✦ RIDER Transit and Salisbury Transit Ridership Information - Phil noted the ridership information included in their packets.
- ✦ TPD Newsletter- Included in the TAC meeting packet as information.
- ✦ SEI Filing Deadline was April 18, 2022
- ✦ At this time Director Conrad asked TAC members for any comments or questions about current meetings and whether to go back to in-person meetings or continue to offer a hybrid alternative. Several members commented that they would like to continue with the hybrid meeting alternative. Suggestions were made to possibly do a voting roll call. A concern was voiced that whoever is attending in person cannot be clearly heard to those attending via Zoom and perhaps a camera and microphone could be added at the in-person meeting site. Mr. Wilmar Melton with the City of Kannapolis addressed those suggestions regarding a microphone and camera that could be used at the facility and said he would look into it.

Next Meeting is June 22, 2022

### **Adjournment**

With no other business to bring before the TAC, Mr. J.C. McKenzie made a motion to adjourn the meeting and Mrs. Karen Alexander followed with a second and the meeting was adjourned.

**CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION  
TIP SUMMARY OF THE DRAFT 2024-2033 TIP**

**ROWAN COUNTY PROJECTS**

TIP NUMBER	DESCRIPTION	AMENDED 2020 - 2029 TIP	DRAFT 2024 - 2033 TIP	FUNDING STATUS	REGIONALLY SIGNIFICANT	MTP HORIZON YEAR
I-3802B	I-85 from Lane Street to exit 68. Add additional lanes and interchange work.	Under Construction	Under Construction	Complete	YES	2018 - 2025
U-5900	NC 150 from Airport Rd to west of Grant's Creek	ROW Post Years Construction Post Years	ROW Post Years Construction Post Years		NO	2036 - 2045
U-5820	Bendix Drive Extension to Newsome Road	Under Construction	Under Construction	Complete	NO	2018 - 2025
U-5901	Airport Pkwy from Brenner Ave to US 29	ROW 2028 Construction Post Years	ROW 2027 Construction 2030	On Schedule	YES	2026 - 2035
U-5738	Julian Road from US 601 to Summit Park Drive	Construction 2022	Construction 2022	On Schedule	NO	2018 - 2025
R-5860	Widening of US 52 from Rockwell Bypass to Misenheimer Bypass	ROW 2028 Construction Post Years	ROW 2027 Construction 2029	<b>On Schedule</b>	YES	2026 - 2035
U-6062	North Main St from Jackson Park Rd to Kimball Rd	ROW 2029 Construction Post Years	ROW 2028 Construction 2031	<b>On Schedule</b>	NO	2026 - 2035
U-6130	NC 152 and US 29 Intersection Improvements	ROW 2025 Construction 2027	Developmental STIP*	Delayed	Exempt	2026 - 2035
U-5608	Coach Deal Drive	Under Construction	Under Construction	Complete	NO	2018 - 2025

**CABARRUS COUNTY PROJECTS**

I-3802A	I-85 from NC 73 to Lane Street. Add additional lanes	Under Construction	Under Construction	Complete	YES	2018 - 2025
U-4910	Derita Road from Poplar Tent Road to Concord Mills Blvd	Under Construction	Under Construction	On Schedule	YES	2018 - 2025
U-3440	NC 3 from Westside Bypass to Loop Road Widen to multi-lanes	Under Construction	Under Construction	On Schedule	YES	2018 - 2025
U-3415A	Poplar Tent Road from east of I-85 to George Liles Pkwy	ROW 2024 Construction 2026	ROW 2024 Construction 2027	<b>Delayed</b>	NO	2026 - 2035
U-6032	Odell School Road from Concord Mills Blvd to I-485	ROW 2022 Construction 2025	ROW 2022 Construction 2025	On Schedule	YES	2026 - 2035
U-5773	NC 3 from Dale Earnhardt Blvd to US 601	ROW Post Years Construction Post Years	ROW Post Years Construction Post Years		NO	2036 - 2045
R-5778	Bill McGee Road from Wallace Road to Proposed Industrial Site	Under Construction	Under Construction	Complete	NO	2018 - 2025
R-2246	George Liles Pkwy NC 49 to Roberta Rd	ROW 2029 Construction Post Years	ROW 2028 Construction 2030	<b>On Schedule</b>	NO	2046 - 2050
U-5956	Realign Union Cemetery Road to Intersection US 29 at Rock Hill Church Road	ROW 2022 Construction 2025	ROW 2022 Construction 2025	On Schedule	YES	2026 - 2035
R-5706	NC 73 from Davidson-Concord Rd to US 29 Widen to four lanes divided	ROW 2029 Construction Post Years	Developmental STIP*	On Schedule	YES	2036 - 2045
U-6029	Poplar Tent Road from Derita Road to NC 73. Widen to multi-lanes.	ROW 2029 Construction Post Years	ROW Post Years Construction Post Years	Delayed	NO	2036 - 2045

**Key**  
**ROW - right-of-way**  
**MTP - Metropolitan Transportation Plan**  
**\*Programmed for preliminary engineering in the back half of STIP**



**NORTH CAROLINA**  
Department of Transportation

# 2024-2033 STIP Development Update

August 10, 2022

Connecting people, products and places safely and efficiently

# Today's Topics

- STIP Development
- SL 2022-74 (HB 103 – SFY 2023 Budget)
- 2024-2033 Draft STIP Schedule



# 2024-2033 STIP Development

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# Prioritization Workgroup Overall Goals

Develop trustworthy and dependable STIP (fiscally constrained)

Produce 2024-2033 STIP using current STIP project list with transparent process

Have an opportunity to fund new projects in P7 scoring (all 22 STI funding categories)

Ensure process is grounded in state/federal requirements

# 2024-2033 STIP Development (Framework)

Only includes projects funded in 2020-2029 STIP

Projects selected for funding using one of two approaches:

1. Delivery Projects – programmed first
  - Currently scheduled for construction in FY 2024-26; ROW underway; or has federal grant
2. P3-P4-P5 Evaluation (Seniority Approach) – programmed second

Opportunity to swap projects & project schedules

- NCDOT and MPO/RPO(s) must agree to swaps
- Cost of project(s) swapped in must be within 10% of those being swapped out
- Projects can swap to a lower STI category (cascade down only)

# SL 2022-74 (HB 103 - SFY 2023 Budget)

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# Additional Funds for Highway Trust Funds

17 **USE SALES TAX REVENUES FOR TRANSPORTATION NEEDS**

18 **SECTION 42.3.(a)** G.S. 105-164.44M reads as rewritten:

19 "**§ 105-164.44M. Transfer to ~~Division of Aviation.~~ Highway Fund.**

26 (b) Transportation Needs. – At the end of each quarter, the Secretary must transfer to the  
27 Funds listed below a percentage of the net proceeds of the tax collected under this Article at the  
28 State's general rate of tax set in G.S. 105-164.4(a). The percentages that must be transferred are  
29 as follows:

<u>Fiscal Year</u>	<u>Percentage to Highway Fund</u>	<u>Percentage to Highway Trust Fund</u>
<u>2022-23</u>	<u>2%</u>	<u>0%</u>
<u>2023-24</u>	<u>1%</u>	<u>3%</u>
<u>2024-25 and thereafter</u>	<u>1.5%</u>	<u>4.5%."</u>

34 **SECTION 42.3.(b)** This section is effective when it becomes law.

Results in approximately \$5B in additional funding from sales tax revenues for programming over the 10-year STIP

# 2024-2033 Draft STIP Comparison

	Previous 2024-2033 Draft STIP (April 2022)	Current 2024-2033 Draft STIP (August 2022)
Available Funding for Programming	\$29.8B	\$37.0B*
Amount Reserved for Inflation	\$3.3B	\$4.2B
Amount Available for Programming Projects	\$26.5B	\$32.8B
Delivery Projects	83% Remained on schedule	92% Remaining on schedule**
Projects Subject to P3-P4-P5 Approach	33% Remained on schedule	56% Remaining on schedule

\* Includes latest state consensus revenue forecast + additional sales tax revenue

\*\* 8% of delivery projects delayed due to non-funding related issues

# Additional Notes

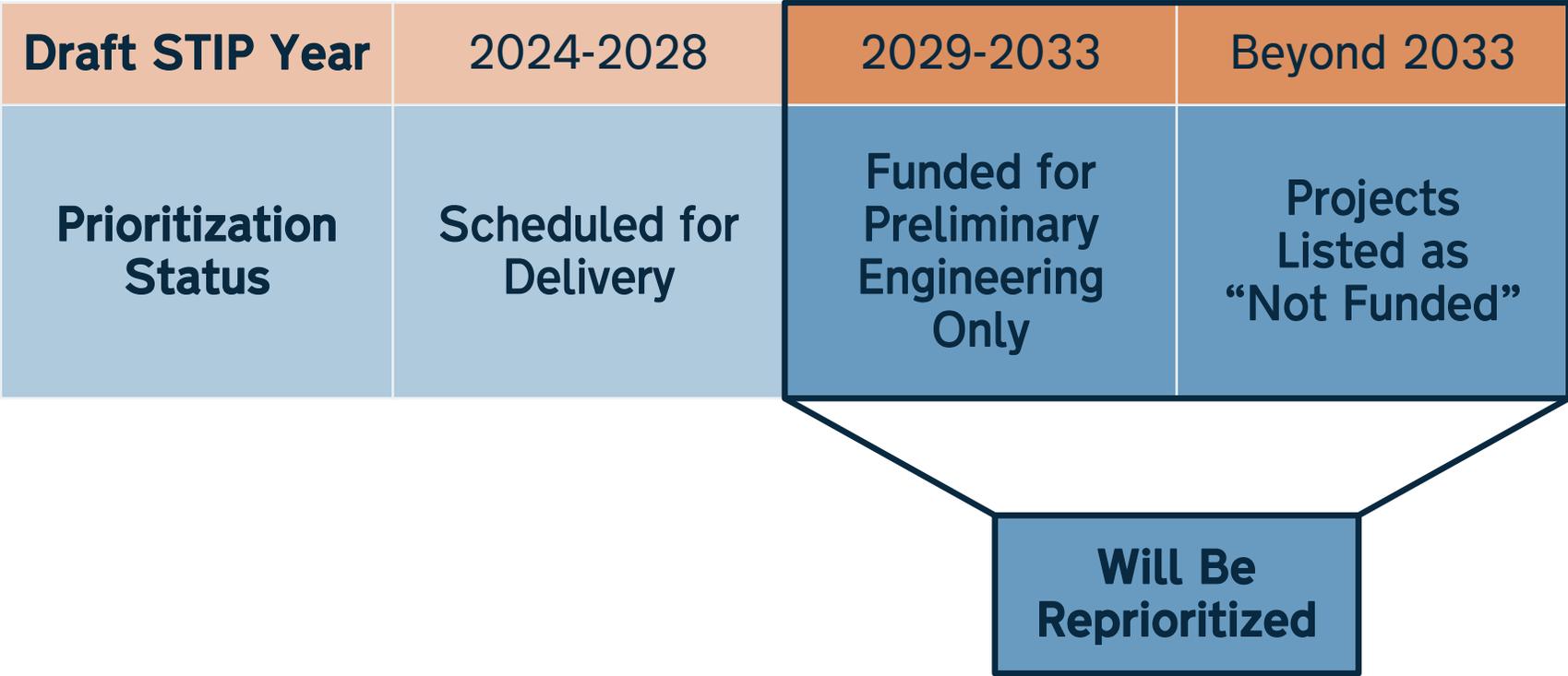
While additional funding (sales tax revenue) and the latest state consensus revenue forecast are both good news, the combination is not anticipated to provide enough funding for all previously committed projects

- Previously \$8B overprogrammed (committed projects only)
- Additional cost increases have occurred that affect available funds (specific to each STI category budget)

Current STIP ends on September 30, 2023

Final STIP needs approval by FHWA

# Prioritization Status in 2024-2033 Draft STIP



# STIP Comparison

	Previous 2024-2033 Draft STIP (April 2022)	Current 2024-2033 Draft STIP (August 2022)
From committed in current STIP to funded for Preliminary Engineering only in draft STIP	161	114
From committed in current STIP to not funded in draft STIP	68	24
From non-committed in current STIP to not funded in draft STIP	151	138

NOTE: The current STIP is 2020-2029

# Draft STIP Schedule Update

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# Draft STIP Revised Schedule

## Previous Schedule

- NCDOT holds public drop-in sessions Summer 2022
- Swap deadline September 30, 2022
- NCDOT releases revised Draft STIP December 2022
- NCDOT holds second comment period Winter/Spring 2023
- Final STIP goes to BOT for approval June 2023

## Revised Schedule

- Reprogramming Draft STIP with additional revenue – released early August 2022
- NCDOT holds public drop-in sessions in Fall 2022
- Swap deadline moves to March 17, 2023\*
- Final STIP goes to BOT for approval in May 2023

# 2024-2033 STIP Programming/P7.0 Timeline

## PROGRAMMING



## PRIORITIZATION 7.0



**Stuart Basham**

Division 10 Planning Engineer  
North Carolina Department of Transportation

980 262 6275 office  
[slbasham@ncdot.gov](mailto:slbasham@ncdot.gov)

12033 East Independence Boulevard – Suite G  
Matthews, NC 28105

**From:** Basham, Stuart L [mailto:slbasham@ncdot.gov]

**Sent:** Monday, May 23, 2022 2:24 PM

**To:** City of Concord (grahamp@concordnc.gov) <grahamp@concordnc.gov>; Phil Conrad (Cabarrus-Rowan MPO) <pconrad@mblsolution.com>

**Cc:** Canipe, Brett D <bdcanipe@ncdot.gov>; Epperson, Sean M <smepperson@ncdot.gov>

**Subject:** U-6029 - Poplar Tent Road

Good afternoon,

As you are both aware, the Draft STIP which was released on April 25<sup>th</sup> shows the U-6029 Poplar Tent Road project from Derita Road to NC 73) as no longer being a funded project. As part of the process, U-6029 will be rescored for P7.0. Since the release of that document a few weeks ago, we have been talking internally regarding our options for that project. Now that the intersection at Harris Road is funded with DA Funds, it does provide us with some options. I have always felt this project was too long and perhaps not as competitive as it could be due to the length of it and the high cost. Lately, we have been considering segmenting it at Harris Road and dividing it into two sections. Historically, I have had some success in doing that because it does seem to make the projects score better due to the shorter length and the lower cost. The current cost estimates in the Draft STIP are \$91.6M for ROW and \$58.1M for construction. We believe the high cost of this project (\$150M) is making the project less competitive and more difficult for us to afford to take on the entirety of it at one time. Breaking it into two segments will hopefully help with the scoring and the ability to get it funded again.

We would like to check in with both of you to see if segmenting this project is something you are both willing to support. Please let us know your thoughts when you have an opportunity.

If there are any questions, please let us know.

Thanks.

**Stuart Basham**

Division 10 Planning Engineer  
North Carolina Department of Transportation

980 262 6275 office  
[slbasham@ncdot.gov](mailto:slbasham@ncdot.gov)

**From:** Basham, Stuart L [mailto:slbasham@ncdot.gov]  
**Sent:** Thursday, July 28, 2022 8:44 AM  
**To:** Phil Conrad (Cabarrus-Rowan MPO) <pconrad@mblsolution.com>  
**Cc:** City of Concord (grahamp@concordnc.gov) <grahamp@concordnc.gov>; Epperson, Sean M <smepperson@ncdot.gov>; Miller, Jerome S <jsmiller3@ncdot.gov>  
**Subject:** U-6029 - Poplar Tent Road (Derita Rd to NC 73)

Phil,

I wanted to follow up with you on our recent discussions regarding the U-6029 Poplar Tent Road widening project. A few weeks ago, Division 10 proposed the idea of segmenting the U-6029 project. This was proposed for a couple of reasons.

- Division 10 staff have noticed that the high cost and the length of the project as a single project contributes to a lower score in STI due to the high cost of the project - \$150M
- With the CRMPO funding the intersection project at Poplar Tent Rd/Harris Rd with DA Funds (HL-0001), it now makes sense to segment the project, since the intersection project will essentially divide it anyway
- Segmenting the project at the intersection results in two segments of almost the same length
- The cost of the intersection improvement project can be backed out of the two segments, which will decrease the overall cost of each segment and increase the cost/benefit score. This is effectively where the City receives “credit” for their financial participation in the intersection project
- The lower cost will make the project easier to try to fund since it is competing in the Division Needs Tier which has the least amount of funds available and multiple modes competing for those limited funds

When we last discussed this proposal a few weeks ago, you said you would like to take it before you TCC & TAC for their approval. Division 10 has been working on a Express Design for this project over the last several months. That process is currently on pause until we receive a confirmation from CRMPO and the City of Concord that you are in agreement with the proposed segmentation. Phillip Graham has agreed to the segmentation. I would like to ask that you add it to your agendas for the August meetings so that Division 10 can complete the Express Design process and have cost estimates completed for the two segmented projects.

Please be advised that segmenting the project will require the use of one additional submittal slots for P7.0. One of the segments can take the slot currently occupied by the entire project, while the second segment will require the use of a submittal slot in order to compete in P7.0. We can determine which of us will submit that second segments later on as we both develop our submittal lists for P7.0.

If you have any questions or if we need to discuss further, please let me know.

Thanks.



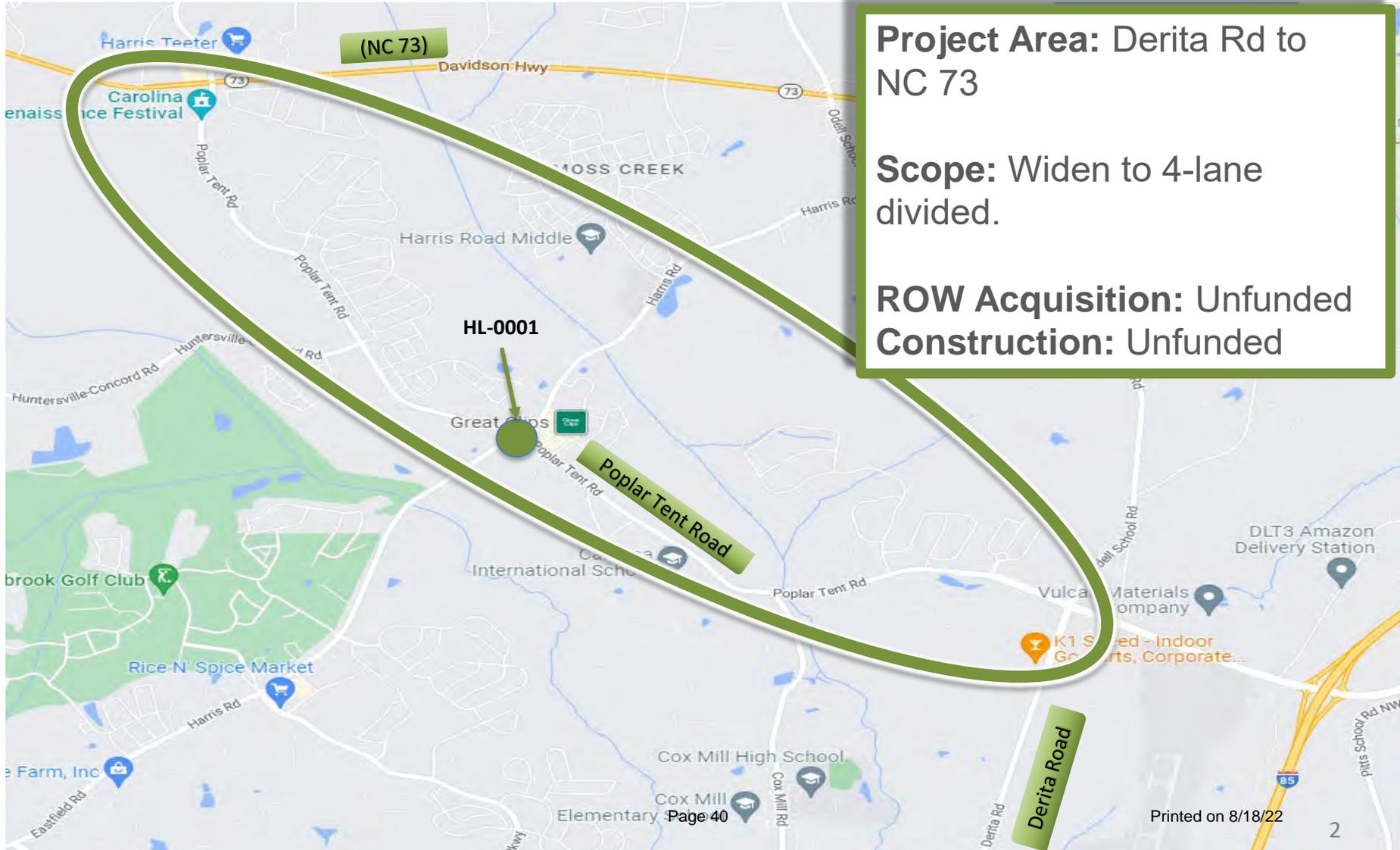
# NORTH CAROLINA

Department of Transportation



# Poplar Tent Road Proposed Segmentation

Stuart Basham  
Division 10 Planning Engineer  
August 24<sup>th</sup>, 2022



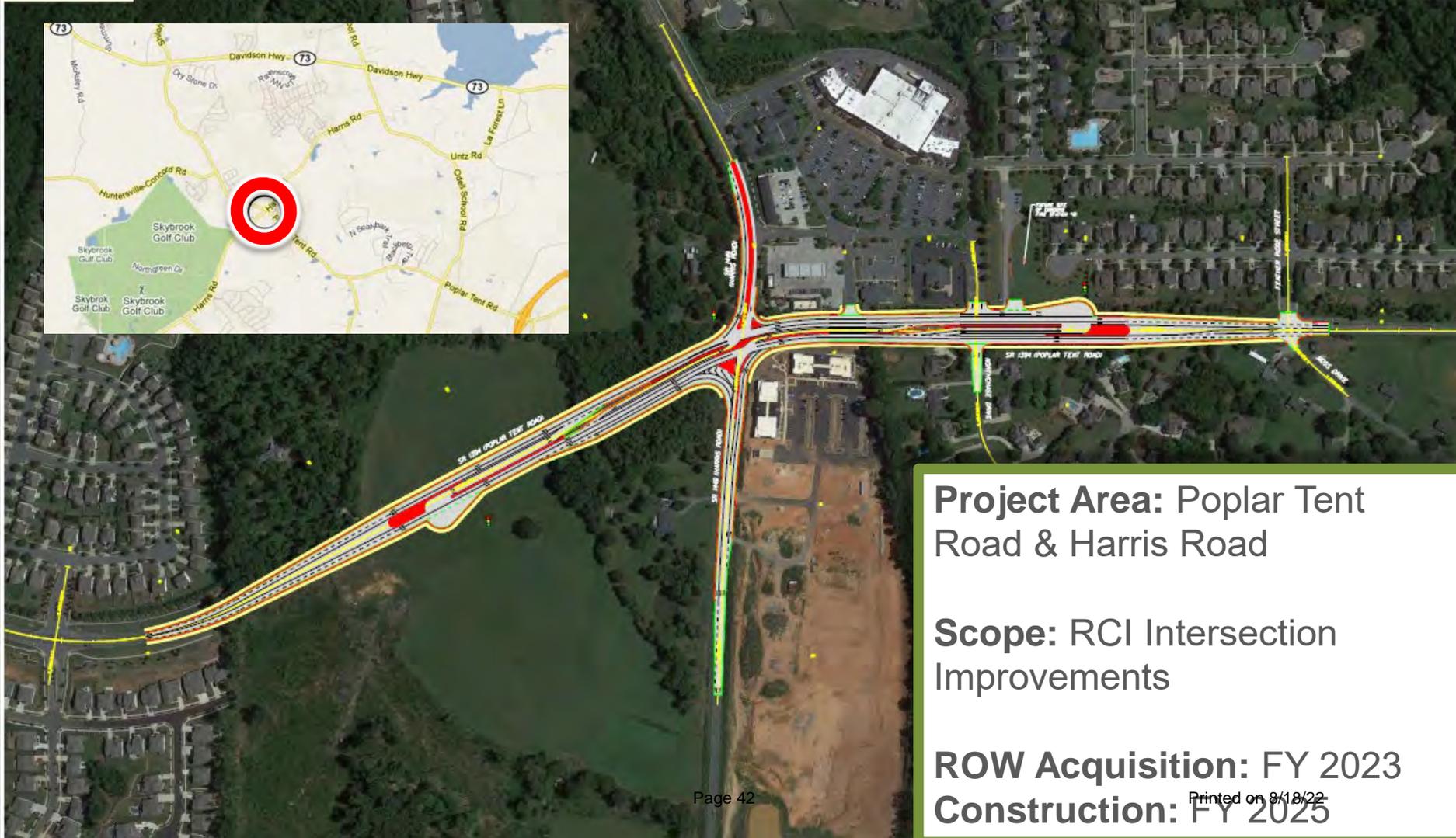
**Project Area:** Derita Rd to NC 73

**Scope:** Widen to 4-lane divided.

**ROW Acquisition:** Unfunded  
**Construction:** Unfunded

# Poplar Tent Road History

- First funded in P3.0 in 2015 for \$37.7 million dollars
- Project costs have increased significantly over the last several years
- Funded for ROW only in P5.0 in FY2029 (no funding for construction)
- Harris Road intersection project (HL-0001) funded with DA Funds in the summer of 2020



**Project Area:** Poplar Tent Road & Harris Road

**Scope:** RCI Intersection Improvements

**ROW Acquisition:** FY 2023

**Construction:** FY 2025

# Poplar Tent Road

- Revised Draft STIP released on August 4<sup>th</sup>, 2022
- U-6029 is no longer a funded project
- Current cost estimate is \$125 million dollars
- Segmenting the project is expected to increase scoring and ability to fund smaller, more manageable pieces
- Segmenting will require the use of an additional submittal slot in P7.0

# Requested Action

- Approve the proposed segmentation of the U-6029 Poplar Tent Road project into two segments with the breakpoint being at Harris Road to be submitted into P7.0 for funding evaluation

Thank you!

**Stuart Basham**  
NCDOT Division 10  
Planning Engineer

(980) 262-6275

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

Cabarrus-Rowan MPO  
Transportation Update  
August 4, 2022

TIP / WBS No.	Description	Let Date	Completion Date	Status	Construction Cost	Contractor	Project Administrator	Comments
<b>PROJECTS UNDER CONSTRUCTION</b>								
<b>17BP.9.R.82</b>	Replace Bridge #248 over Prong of Grant's Creek on SR 1211 (Kimball Rd) in Rowan County	June 15, 2022	May 22, 2023	0% Complete	\$927,455	Mountain Creek Contractors, Inc.	Kelly Seitz, P.E. (704) 630-3200	Project availability date is July 25, 2022.
<b>47797</b>	Construct turn lanes on SR 2528 (Heilig Rd) at SR 1006 (Faith Rd) to improve safety and congestion	April 30, 2022 (State Forces)	August 1, 2022	48% Complete	\$462,500	State Forces	Mike Hedrick, PE (704) 630-3240	High Impact Low Cost (HILC) project
<b>B-4626</b> 53061.3.3 <b>(C204446)</b>	Replace Bridge #3 (EBL), and apply Bridge Preservation Treatment to Bridge #8 (WBL), over Yadkin River/W-S SB RR on NC 49 in Rowan County	February 1, 2022	January 28, 2025	4% Complete	\$41,332,703	Smith-Rowe	Jeb Smith, PE (704) 630-3220	Smith-Rowe began work on 4/18/2022 on NC-49 for B-4626 and will work 7am-5:30pm Monday-Friday. No weekend work is anticipated at this time. Smith-Rowe is scheduling to install the causeway and boater notification by end of July. Bridge #3 demolition by mid of August 2022. The project is scheduled to be completed by January 2025.
<b>B-5772</b> 45728.3.1	Replace Bridge #66 over Norfolk Southern RR on SR 1724 (Hurley School Rd) in Rowan County	October 1, 2022	November 11, 2024	0% Complete	\$7,196,375	Smith-Rowe	Kelly Seitz, P.E. (704) 630-3200	Due to delays in right of way and utility relocations, the date of availability for the project was delayed until 10/1/22.
<b>I-5858</b> 53061.3.GV1 <b>(C204244)</b>	Pavement Rehabilitation on I-85 from US 29/US 601 in China Grove to US 601 (Jake Alexander Blvd) in Salisbury AND from S. of US 52 in Salisbury to N. of SR 2120 (Long Ferry Rd) in Spencer (totaling 10.88 miles)	July 1, 2019	Anticipated July 29, 2022	91% Complete	\$20,098,579	Blythe Development Co.	Jeb Smith, PE (704) 630-3220	Contractor has final pavement markings/markers and punch list remaining. Anticipated completion end of July 2022.
<b>U-5738</b> 50163.3.1 <b>(C204426)</b>	Widen to multiple lanes on SR 2528 (Julian Rd) from US 601 (Jake Alexander Blvd) to SR 2667 (Summit Park Dr) in Salisbury	March 28, 2022	January 28, 2025	0% Complete	\$13,039,376	J. T. Russell and Sons	Jeb Smith, PE (704) 630-3220	Anticipate start date in late August 2022.
<b>PROJECTS UNDER DEVELOPMENT</b>								
<b>HE-0009</b>	NC 152 Improvements with Proposed Access Road East of I-85/US 601 in China Grove	May 25, 2023	TBD	Planning/Design in Progress	\$4,900,000	TBD	Ryan Newcomb, PE (336) 747-7800	Economic Development project. PE work has started.
<b>HS-2009D</b>	Extend concrete median and install U-turn bulb out on Jake Alexander Blvd east of Morlan Park Rd in Salisbury	October 2022	TBA	ROW Acquisition in progress	\$350,000	TBA	Matt Jones, PE (336) 747-7800	Spot Safety project.
<b>P-5726</b> 47604.3.1 <b>(C204343)</b>	NS Main - Construct Track Improvements, Second Platform, Pedestrian Underpass, Sitework, Retaining Wall, and Signalling Equipment	January 16, 2024	TBA	ROW Acquisition in progress	\$8,600,000	TBA	Matthew Simmons, PE (919) 707-4117	* Schedule based on Adjusted 2020-2029 STIP - Raleigh Let
<b>P-5726A</b>	Salisbury train station second platform and pedestrian underpass.	March 22, 2023	TBA	ROW Acquisition in progress	\$2,500,000	TBA	Matthew Simmons, PE (919) 707-4117	* Schedule based on Adjusted 2020-2029 STIP - Raleigh Let
<b>P-5726B</b>	Salisbury Norfolk Southern crossover relocation.	August 30, 2022	TBA	ROW Acquisition in progress	\$4,000,000	TBA	Matthew Simmons, PE (919) 707-4117	* Schedule based on Adjusted 2020-2029 STIP - Raleigh Let
<b>P-5733</b> 47612.3.1	NS Main - Rowan County - Upgrade Station Building, expand waiting space and surface parking	July 15, 2025	TBA	ROW Acquisition July 16, 2024	\$2,370,000	TBA	Matthew Simmons, PE (919) 707-4117	*The PE work for this project has been temporarily suspended.*
<b>R-5860</b> 47548.3.1	Widen to multilanes - US 52 Rowan County Proposed Misenheimer Bypass to Proposed Rockwell Bypass (4.6 miles)	Post Year Jan., 2040	TBA	ROW Acquisition Jan. 21, 2028	\$39,320,000	TBA	Laura Sutton, PE (919) 707-6030	DDRL *The PE work for this project has been temporarily suspended.*
<b>U-5901</b> 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	Post Year Jan., 2040	TBA	ROW Acquisition Jan. 21, 2028	\$39,500,000	TBA	Ryan Newcomb, PE (336) 747-7800	DDRL - Raleigh Let. *The PE work for this project has been temporarily suspended.* Express design update in progress to update project estimate. Project is now on the PE Move Forward List. Working on scope and fee for PE. Division to request funds for PE work.
<b>U-6062</b> 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	Post Year Jan., 2040	TBA	ROW Acquisition June 15, 2029	\$28,400,000	TBA	Ryan Newcomb, PE (336) 747-7800	DDRL - *The PE work for this project has been temporarily suspended.* Express design update in progress to revise project estimate.

Cabarrus-Rowan MPO  
Transportation Update  
August 4, 2022

TIP / WBS No.	Description	Let Date	Completion Date	Status	Construction Cost	Contractor	Project Administrator	Comments
<b>PROJECTS UNDER DEVELOPMENT</b>								
U-6130 48321.3.1	Construct ramp and intersection improvements on US 29 at NC 152 in China Grove	August 18, 2026	TBA	ROW Acquisition Aug. 30, 2024	\$2,000,000	TBA	Ryan Newcomb, PE (336) 747-7800	* Schedule based on Adjusted 2020-2029 STIP - Division POC (DPOC) *The PE work for this project has been temporarily suspended.*
W-5709E 44855.3.5	Construct Roundabout and other safety improvements at Intersection NC 153 (Rice Street) and SR 1197 (Cannon Farm Rd) in China Grove	August 31, 2024 Let Date will be revised; Update to be provided	TBA	ROW Acquisition in progress	\$2,500,000	TBA	Matt Jones, PE (336) 747-7800	*Schedule based on Adjusted 2020-2029 STIP - Division POC Let (DPOC) - Project is progressing with design and right of way acquisition. Due to project suspensions, the right of way acquisition and utilities were delayed, and appraisals had to be updated. The Let Date for the project will be delayed; the Division is in discussion with NCDOT Traffic Safety Unit and the STIP unit on project funding and schedule. Right of Way acquisition has also been delayed.
Y-5500IA 80000.2.1.12	SR 1526 (Henderson Grove Church Rd) RR Crossing #724 362M Closure	September 27, 2023	TBA	ROW Acquisition in progress	\$2,950,000	TBA	Matt Jones, PE (336) 747-7800	Division POC Let (DPOC) - R/W Plans Complete (RPC)(09/02/2021)
<b>STATE FORCES CONSTRUCTED PROJECTS</b>								
48921	Construct right turn lane on SR 1210 (Old Beatty Ford Rd) at US 29.	July 26, 2023	TBA	TBA	\$361,000	State Forces	Matt Jones, PE (336) 747-7800	High Impact Low Cost (HILC) project - Project released to move forward. Let date being re-evaluated.
<b>DIVISION BRIDGE PROJECTS UNDER DEVELOPMENT</b>								
15BPR.74	Bridge Rehabilitation - Bridge #137 and #465 on I-85 over Yadkin River.	April 15, 2025	TBA	TBA	\$4,200,000	TBA	Daniel Dagenhart (336) 747-7800	New - In development
17BP.9.R.76	Replace Bridge #81 over Deals Creek on SR 1926 (Hannah's Ferry Rd) in Rowan County	May 17, 2023	TBA	ROW Acquisition in progress	\$750,000	TBA	Daniel Dagenhart (336) 747-7800	Final Plans received - FERC permit acquired. We have ran into issues with State properties and multiple State agencies affecting the ROW.
17BP.9.R.80	Replace Bridge #155 over Second Creek on SR 2136 (Agner Rd) in Rowan County	February 15, 2023	TBA	ROW Acquisition in progress	\$750,000	TBA	Daniel Dagenhart (336) 747-7800	Planning and Design underway - working on 65% plans.
17BP.9.R.85	Replace Bridge #198 and Bridge #199 over Crane Creek on SR 2529 (St. Paul Church Rd) in Rowan County	May 24, 2023	TBA	ROW Acquisition Oct. 26, 2022	\$1,200,000	TBA	Daniel Dagenhart (336) 747-7800	Planning and Design underway.
17BP.9.R.86	Replace Bridge #205 over Grant's Creek on SR 1516 (Airport Rd) in Rowan County	May 24, 2023	TBA	ROW Acquisition in progress	\$1,000,000	TBA	Daniel Dagenhart (336) 747-7800	Planning and Design underway.
17BP.9.R.96	Replace Bridge #254 over Kerr Creek on SR 1547 (Caldwell Rd) in Rowan County	February 28, 2024	TBA	ROW Acquisition Jan. 28, 2023	\$900,000	TBA	Daniel Dagenhart (336) 747-7800	Planning and Design underway.
BP9-R004 BP9-R004.3 (formerly 17BP.9.R.78)	Replace Bridge #235 over Unnamed Creek on SR 1322 (Ebenezer Rd) in Rowan County	February 14, 2024	TBA	ROW Acquisition Oct. 26, 2022	\$750,000	TBA	Daniel Dagenhart (336) 747-7800	Planning and Design underway.
BP9-R012 BP9-R012.3 (formerly 17BP.9.R.105)	Replace Bridge #108 over Tuckertown Reservoir on SR 1004 (Stokes Ferry Rd) in Rowan County	August 23, 2024	TBA	ROW Acquisition July 23, 2023	\$1,500,000	TBA	Daniel Dagenhart (336) 747-7800	Planning and Design underway.
<b>LOCALLY ADMINISTERED PROJECTS</b>								
C-5603D 43713.3.4	Construct sidewalks on Old Concord Rd from Ryan St to Jake Alexander Blvd	July 29, 2023	TBA	TBA	\$414,000	TBA	Jeff Turner (336) 747-7800	Non-DOT let (LAP) - City of Salisbury - in design. The City has received ROW phase authorization
C-5603H 43713.3.8	Brenner Ave from Statesville Blvd. to W Horah St and Brenner Ave. at Link Ave. in Salisbury	March 31, 2023	TBA	ROW Acquisition in progress	\$643,000	TBA	Jeff Turner (336) 747-7800	Non-DOT let (LAP) - City of Salisbury - in design. The City has received ROW phase authorization
EB-5619B 56033.3.3	Grants Creek Greenway - Construct Multi-use trail from Kelsey Scott Park to Forestdale Dr in Salisbury	September 29, 2023	TBA	ROW Acquisition in progress	\$1,439,000	TBA	Jeff Turner (336) 747-7800	*Schedule based on Adjusted 2020-2029 STIP - NON-DOT let (LAP)
EB-5861	Third Street Greenway from 3rd Street to Yadkin River in Spencer. Construct alternate route, including spur from Grants Creek	September 30, 2024	TBA	TBA	TBA	TBA	Jeff Turner (336) 747-7800	Non-DOT let (LAP) -
HL-0005	Various, City of Salisbury Signal System Upgrade.	September 30, 2022	TBA	Advertised in May 2022	\$429,000	TBA	Jeff Turner (336) 747-7800	The let date shown will need to be updated upon further coordination with the City of Salisbury. The city has advertised once in May 2022 with no bidders.

Cabarrus-Rowan MPO  
**Transportation Update**  
 August 4, 2022

TIP / WBS No.	Description	Let Date	Completion Date	Status	Construction Cost	Contractor	Project Administrator	Comments
<b>COMPLETED PROJECTS</b>								
<b>R-5789F</b> 44919.3.7 <b>R-5789G</b> 44919.3.8 <b>(DI00235)</b>	ADA Ramps at Various Locations in Davidson, Davie, Forsyth and Rowan Counties	March 1, 2021	July 31, 2022	100% Complete	\$2,524,367	Little Mountain Builders of Catawba County, Inc	Kelly Seitz, P.E. (704) 630-3200	Project completed and accepted 7/6/22.
<b>Z-5800IA</b> 44806.3.12	Railway-Highway grade crossing safety project at SR 1753 (Umberger Rd) and Norfolk Southern Crossing #721597M in Mount Ulla	August 30, 2021	July 21, 2022	100% Complete	\$314,713	Railroad Forces	Nancy Horne, PE (919) 707-4105	Installed active warning devices - Complete
<b>Z-5800IB</b> 44806.3.5	Railway-Highway grade crossing safety project at SR 2120 (Long Ferry Rd) and Norfolk Southern Crossing #715307N in Spencer	August 30, 2021	July 12, 2022	100% Complete	\$403,964	Railroad Forces	Nancy Horne, PE (919) 707-4105	Installed active warning devices - Complete

TIP/WBS No#	DESCRIPTION	LET DATE	COMPLETION DATE	STATUS	CONSTRUCTION COST	CONTRACTOR	PROJECT ADMINISTRATOR	COMMENTS
<b>ARRA RAILROAD</b>								
<b>I-85 PROJECT</b>								
<b>I-5394</b>	<b>I-85 Widening.</b> Mile Marker 42-TO-Mile Marker 48. Pavement Rehab.			% Complete	\$ 7.3 M		NCDOT Rick Baucom 704-983-4401	<b>PROJECT ON HOLD</b>
<b>URBAN PROJECTS</b>								
<b>U-3415A</b>	<b>SR 1394 Poplar Tent Rd. Concord Derita Rd.</b> -TO-George Liles Pkwy. Widen to 4 lane divided.	R/W-2024 LET-2026	2029 <i>PROJECTED</i>	15 % Complete	\$ 20.5 M	TBD	NCDOT Sean Epperson 704-983-4400	PROJECT IS REACTIVATED and moving forward. Working on 25% plans
<b>U-3440</b>	<b>NC 3 Kannapolis.</b> U-2009 (Westside Bypass)-TO-SR 1691 (Loop Road). Widen existing route to multi-lane facility.	LET November 2016	October 31, 2022	85% Complete	\$ 34.1 M	JT Russell	NCDOT Jon Hinson 980-523-0085	Project under construction. The mainline is open to thru traffic. Esitimated completion is Spring 2023.
<b>U-4910</b>	<b>SR 1445 Derita Rd. Concord Poplar Tent Rd.</b> -TO-Meck County Line.	LET February 2017	March 11, 2022	100 % Complete	\$19,442,264	BLYTHE Development	City of Concord & Chris Fine 704-983-4380	<b>ACTIVE PROJECT.</b> Project has been completed. Waiting on permanent vegetation establishment
<b>U-6029</b>	<b>SR 1394 Poplar Tent Rd. Concord Derita Rd.</b> -TO-NC 73. Widen to 4 lanes.						NCDOT Sean Epperson 704-983-4400	<b>PROJECT NOT FUNDED</b>
<b>U-6032</b>	<b>Mallard Creek Rd. (SR-2467)/Derita Rd (SR-1445)</b> from I-485 to Concord Mills Blvd. Widen to 6 lanes	R/W-2022 LET 2025	2027 <i>PROJECTED</i>	75% Plans	\$ 25,000,000 EST.	KCI	NCDOT Donald Griffith 704-983-4418	ACTIVE PROJECT. Currently in Design. PE work continuing. ROW acquisition underway.
<b>U-5956</b>	<b>US 29 Concord.</b> Realign Union Cemetery Rd.-TO-Intersect US 29 at Rock Hill Church Rd.	R/W-2022 LET 2025	2027 <i>PROJECTED</i>	65% Complete	\$ 8.1 M	Kimley-Horn	NCDOT Sean Epperson 704-983-4400	PROJECT IS REACTIVATED and moving forward.
<b>U-5761</b>	<b>NC 3 (Dale Earnhardt Blvd.) Kannapolis</b> Improve Intersection of NC 3 and US 29/601.	R/W-2022 LET 2024	2027 <i>PROJECTED</i>	90% Plans R/W 60% ROW Acquisition set to continue beginning November 2021	\$ 10,960,000 EST	RS&H	NCDOT Donald Griffith 704-983-4418	R/W CURRENTLY IN PROGRESS <small>Printed on 8/18/22</small>

TIP/WBS No#	DESCRIPTION	LET DATE	COMPLETION DATE	STATUS	CONSTRUCTION COST	CONTRACTOR	PROJECT ADMINISTRATOR	COMMENTS
S U-5806	<b>Concord Mills Flyover.</b> Concord I-85-TO-Concord Mills Mall. Construct a flyover to the first mall entrance.	LET December 2017	December 1, 2021 (Open to Traffic)	100% Complete	\$10,216,654.00	BLYTHE Development	NCDOT Chris Fine 704-983-4380	ACTIVE PROJECT. Project has been completed. Waiting on permanent vegetation establishment

**CONGESTION PROJECTS**

<b>HIGHWAY SAFETY PROJECTS</b>									
S A F E T Y	47866/ SS-4910CK	<b>Poplar Tent Rd. at Rock Hill Church Rd. &amp; Eva Dr. Concord</b> Intersection improvements.	LET Feb. 2023	TBD	R/W Aquired, Moving Utilities	\$ 1.1 M	TBD	NCDOT Donald Harward 704-983-4400	Project Approved to move forward. High Impact/Low Cost
	W-5601HQ 47858	<b>NC 3 Concord and Odell School Road.</b> Install a Roundabout	LET June 2022	TBD	LET	\$ 1.24 M	TBD	NCDOT Donald Harward 704-983-4400	Project Approved to move Forward. High Impact/Low Cost
	W-5710C	<b>SR 2180 (Lane St. &amp; Jackson Park Rd.) Kannapolis</b> US Main St.-TO-West of I-85 ramp in Kannapolis.	LET September 2021	August.27, 2022	0% Complete	\$ 2.69 M	NJR Group	NCDOT Christopher Fine 704-983-4380	<b>Construction scheduled to begin in early Summer 2022.</b>
	HS-2010D	<b>NC 24/27 and Bethel School Road</b>	LET August 2023	TBD	In Design	\$392,000	TBD	NCDOT Donald Harward 704-983-4400	
	HS-2010F	<b>NC 24/27 and Pine Bluff/Reed Mine Road</b>	Let 2/2025	TBD	In Design	750K	TBD	NCDOT Donald Harward 704-983-4401	
	W-5710AO	<b>Salisbury-Concord Rd/ Old Concord Rd. Kannapolis</b> -TO-Irish Potato Road. Install Roundabout.	LET May 2023	TBD	In R/W	\$ 1.15 M	TBD	NCDOT Donald Harward 704-983-4400	Project Approved to move Forward.

**BRIDGE PROJECTS**

Cabarrus-Rowan MPO  
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TIP/WBS No#	DESCRIPTION	LET DATE	COMPLETION DATE	STATUS	CONSTRUCTION COST	CONTRACTOR	PROJECT ADMINISTRATOR	COMMENTS
B-5813	Bridge 120132 / NC 73 over Dutch Buffalo Creek	Jan-22	May. 2023	8 % Complete	\$4,300,000	NJR Group	NCDOT Christopher Fine 704-983-4380	Construction has been initiated.
B-5808	Bridge 120057 & 120059 (US 29/601) over Irish Dutch Buffalo Creek near Poplar Tent Road.	LET September 2022 <i>Pending</i>	May. 2025	0% Complete - Project Not Yet Let	\$5,100,000	TBD	NCDOT Garland Haywood 704-983-4400	Currently Developing ROW Plans for use in acquiring construction limits and relocating existing utility conflicts.
17BP.10.R.144	Bridge 120053 / SR 2114 (Centergrove Rd.) Kannapolis over Cold Water Creek.	LET Scheduled 4-21-2021	April, 2022	93% Complete	\$1,761,841	Dane Construction	NCDOT Garland Haywood 704-983-4400	Project is substantially complete and open to traffic.
17BP.10.R.110	Bridge 120105 / E. Gold Hill Rd. Mt. Pleasant Replace bridge over branch of Big Bear Creek.	LET <i>Pending</i>	March, 2022	0% Complete - Project Not Yet Let	\$600,000	TBD	NCDOT Garland Haywood 704-983-4400	Currently in Design. Plan development has resume in anticipation of scheduled LET date. <b>On current 12 MLL.</b>
BP10.R055	Bridge 120292 / Mauney Rd. Mt. Pleasant Replace bridge over Little Meadow Creek.	LET August 2025 <i>Pending</i>	May, 2026	0% Complete - Project Not Yet Let	\$600,000	TBD	NCDOT Garland Haywood 704-983-4400	Currently in Design. Plan development will resume in anticipation of scheduled LET date.
17BP.10.C.4	Bridge 120015 / Tuckesegee Rd. Kannapolis Replace bridge over Mill Creek.	LET June 16, 2021	December, 2021	0% Complete - Project Availability Date 8-2-2021	\$668,031	Dane Construction	NCDOT Garland Haywood 704-983-4400	The availability date for the contract - (The date the contractor will start the project) is scheduled as August 2, 2021.
BP10.C002	Pipe 120247 St. Stephens Rd. / Mt. Pleasant Replace Pipes over Butcher Branch	LET September 2022 <i>Pending</i>	November, 2023	0% Complete - Project Not Yet Let	\$600,000	TBD	NCDOT Garland Haywood 704-983-4400	Currently in Design. Plan development will resume in anticipation of scheduled LET date.
B-5810	Bridge 120022 /NC24-27. Locust, NC. Replace bridge over Rocky River.	LET FALL 2022 <i>Pending</i>	October, 2024	0% Complete - Project Not Yet Let	\$6,200,000	TBD	NCDOT Garland Haywood 704-983-4400	This is the eastbound bridge on NC 24/27 and traffic will be shifted onto the westbound bridge during construction.
TBD	Weddington Rd. Concord Bearing plates needing mitigation. Also, bridge deck joints needed attention.			% Complete	\$	Arete Engineers/ Buckeye Bridge	NCDOT Garland Haywood 704-983-4400	Arete Engineers contracted to develop mitigation plan and bridge jacking design. Awarded to Buckeye Bridge in Contract 122.

Cabarrus-Rowan MPO  
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	TIP/WBS No#	DESCRIPTION	LET DATE	COMPLETION DATE	STATUS	CONSTRUCTION COST	CONTRACTOR	PROJECT ADMINISTRATOR	COMMENTS
P R O J E C T S	B-5372	Bridge 120109 / SR 1706. Kannapolis Bridge on (East First St.) over US 29.	LET 2022 <i>Pending</i>	May, 2023	0% Complete - Project Not Yet Let	\$3,850,000	TBD	NCDOT Garland Haywood 704-983-4400	Currently in Design. Plan development will resume in anticipation of scheduled LET date.
	B-5375	Bridge 120 137 / SR 1132. (Miami Church Rd.) Mt. Pleasant over Dutch Buffalo Creek.	LET 2022 <i>Pending</i>	August, 2022	0% Complete - Project Not Yet Let	\$600,000	TBD	NCDOT Garland Haywood 704-983-4400	Currently in Design. Plan development will resume in anticipation of scheduled LET date.
	BP10.R015	Bridge 120129 / SR 2635. (Old Airport Rd.) Concord over Cold Water Creek.	Spring 2024	TBD	0% Complete - Project Not Yet Let	\$1,300,000	TBD	NCDOT Garland Haywood 704-983-4400	Currently in Design. Plan development will resume in anticipation of scheduled LET date. Let Date was postponed do to insufficient funds.
	BP10.R020.3	Bridge 120101 / SR 2453 (S Lentz Harness Shop Rd) over Little Bear Creek	Mar-22	12/08/22	2% Complete	\$585,284	APAC Atlantic	NCDOT Christopher Fine 704-983-4381	Road closed for construction on 5/19/22
	BP10.R010	Bridge 120245 / SR 1309 (Stough Rd.) over Wolf Meadow Creek	LET April 2022 <i>Pending</i>	March, 2023	0% Complete - Project Not Yet Let	\$770,000	TBD	NCDOT Garland Haywood 704-983-4400	Currently in Design. Plan development will resume in anticipation of scheduled LET date.
	BP10.R019	Bridge 120173 / SR 1169 (Peach Orchard Rd.) Harrisburg over McKee Creek	LET Date Beyond 2026 and Not Est. Currently	LETTING DATE NOT APPROVED CURRENTLY - THUS, UNABLE TO DETERMINE	0% Complete - Project Not Yet Let	\$500,000	TBD	NCDOT Garland Haywood 704-983-4400	Plan Development will NOT proceed until LET has been scheduled and confirmed.
	BP10.C002	Bridge 120219 / SR 2710 (Walker Rd.) Concord over Adams Creek.	LET Date Beyond 2026 and Not Est. Currently	LETTING DATE NOT APPROVED CURRENTLY - THUS, UNABLE TO DETERMINE	0% Complete - Project Not Yet Let	\$450,000	TBD	NCDOT Garland Haywood 704-983-4400	Plan Development will NOT proceed until LET has been scheduled and confirmed.
	BP10.C004.1 BP10.C004.2 BP10.C004.3	<b>Bethel Church Road</b>	LET January 5 2021		100% COMPLETE	\$211,000	NCDOT	NCDOT Garland Haywood 704-983-4400	<b>PROJECT COMPLETE</b> Bethel Church Road has been reopened.
	BP10.R031	Bridge 210 / SR 1006 (Mt Pleasant Rd.) Mt. Pleasant over Bost Creek.	LET Date Beyond 2026 and Not Est. Currently	LETTING DATE NOT APPROVED CURRENTLY - THUS, UNABLE TO DETERMINE	0% Complete - Project Not Yet Let	\$550,000	TBD	NCDOT Garland Haywood 704-983-4400	Project has been scoped. Plan Development will NOT proceed until LET has been scheduled and confirmed.

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TIP/WBS No#	DESCRIPTION	LET DATE	COMPLETION DATE	STATUS	CONSTRUCTION COST	CONTRACTOR	PROJECT ADMINISTRATOR	COMMENTS	
BP10.R034	<b>Bridge 120073 / SR 2416 (Mt Olive Rd.) Mt. Pleasant</b> over Branch of Dutch Buffalo Creek	LET April 2022 <i>Pending</i>	December, 2022	0% Complete - Project Not Yet Let	\$600,000	TBD	NCDOT Garland Haywood 704-983-4400	Project has been scoped. Plan Development will NOT proceed until LET has been scheduled and confirmed.	
BP10.R047	<b>Bridge 120083 / SR 2408 (Gold Hill Rd.)</b> over Dutch Buffalo Creek	LET July 2024 <i>Pending</i>	October, 2025	0% Complete - Project Not Yet Let	\$700,000	TBD	NCDOT Garland Haywood 704-983-4400	Project has been scoped. Plan Development will NOT proceed until LET has been scheduled and confirmed.	
<b>MUNICIPAL PROJECTS</b>									
M	<b>C-5159</b>	<i>Kannapolis Roxie St &amp; NC 3-TO-Dale Earnhardt Blvd. Street Improvements</i>	<i>SCOPE</i>	<i>MOVED TO</i>	<i>I-85</i>	<i>\$</i>	<i>N/A</i>	<i>City of Concord</i>	<i>Deleted from 2020-2029 STIP. THIS PROJECT HAS BEEN ADDED TO THE I-85 PROJECT.</i>
U	<b>EB-5902</b>	<b>Concord Downtown Pedestrian Signal Upgrades</b>	LET March 2020	November, 2020	<b>100% Complete</b>	\$198,435	ALS	City of Concord NCDOT oversight Neal Stroup 704-589-2045	Project accepted for maintenance 1/12/22. M&T certified. City of Concord needs to submit final invoice.
N	<b>EB-5732</b>	<b>SR 2894 (Concord Mills Blvd.) Concord</b> Construct Sidewalks on Concord Mills Blvd. and portions of Weddington Rd. from US 29 TO-SR 1431	R/W 2023 LET 2024	<i>2026 PROJECTED</i>	25 % Complete	\$ 6 M	HNTB	NCDOT Sean Epperson 704-983-4400	PROJECT IS REACTIVATED and moving forward. Working toward 65% plans.
I	<b>U-6098/47706</b>	<b>Cabarrus County - Various</b> ; Left turn lane at NC 73 and SR 1430 // Turn lanes at access rd. NC 73 // RAB SR 1620 & SR 1621 // Extend storage I-85 ramps.	LET February 2018			2,700,000	City of Kannapolis NCDOT oversight Marc Morgan	Phase I complete. Waiting on Developer or City of Kannapolis to complete Phase II (Per Agreement)	
C	<b>C-5603E</b>	<b>SR 1120 (Bethel School Rd.)</b> Construct Sidewalks and Crosswalks.	March.25, 2021	May. 2022	99% complete Page 53	108,029	Trull Contracting, LLC	Neal Stroup Oversight NCDOT	Project progression was hindered due to supply chain issues w/ equipment. Final Walk-Through scheduled for 5/11/2022.
A									
L									
P									

Cabarrus-Rowan MPO  
Division 10 Transportation Update  
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	TIP/WBS No#	DESCRIPTION	LET DATE	COMPLETION DATE	STATUS	CONSTRUCTION COST	CONTRACTOR	PROJECT ADMINISTRATOR	COMMENTS
R O J E C T S	C-5603F	<b>Bethpage Rd.</b> From South Main St. -TO- Leonard Ave. and from Westgreen Dr. - TO- Klondale Ave sidewalk.	February.24 2024	TBD	0% complete	208,000	TBD	Kannapolis/ Jeff Burleson oversight NCDOT preconstruction	ROW Plans (60%) were submitted on 7/12/22 and waiting review comments from Raleigh. Project still on schedule.
	C-5603G	<b>Bruton Smith Blvd. and Weddington Rd. Concord.</b>	TBD	TBD	0% complete	141,680	TBD	Concord/ Jeff Burleson oversight NCDOT preconstruction	<b>Project has been Deleted. Final billing has been sent to City of Concord.</b>
	C-5603I	<b>US 601.</b> From Flowe Store Rd. -TO- Zion Rd. with US 601 and Flowe Store Rd. Sidewalk and intersection improvements.	October.17, 2023	TBD	0% complete	1,516,368	TBD	Concord/ Jeff Burleson oversight NCDOT preconstruction	ROW Plans (60%) approved on 5/13/22.
	EB-5844	<b>Little Texas Rd. /Lane St - TO- Dale Earnhardt Blvd.</b> sidewalk.	June.29, 2024	TBD	0% complete	2,051,200	TBD	Kannapolis/ Jeff Burleson oversight NCDOT preconstruction	CE approved 6/6/22. Project still on schedule.

<b>RURAL PROJECTS</b>									
R U R A L	R-2246A	<b>George Liles Parkway. Concord NC 49 -TO- Roberta Rd.</b> Widen to Multi-Lanes	R/W 2028 LET 2030		0 % Complete	\$ 16.5 M	TBD	NCDOT Sean Epperson 704-983-4400	

<b>VARIOUS PROJECTS</b>									
V A R I O U S	2022CPT.10.1 8.20131 - Contract DJ00406	10 Sections of secondary roads.	March, 2022	May, 2023	0% Complete	\$1.8 Million	JT Russell & Sons Inc	NCDOT Marc Morgan 704-983-4380	Available 6/01/2022 - Not currently planned to start until March, 2023
	2022CPT.10.0 9.10131 - Contract C204686	1 Section of NC 3 and 39 sections of secondary roads.	December, 2021	September, 2023	0% Complete	\$5.5 Million	NJR Group, Inc.	NCDOT Marc Morgan 704-983-4380	FDR Routes are currently being worked on
	2020CPT.10.1 2.20131 - Contract DJ00365	26 Map Sections of Secondary Roads.	March, 2021	June, 2022	80% completed	\$2 million	Boggs Contracting	NCDOT Marc Morgan 704-983-4380	Should be complete by end of August 2022 <small>Printed on 8/18/22</small>

Cabarrus-Rowan MPO  
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	TIP/WBS No#	DESCRIPTION	LET DATE	COMPLETION DATE	STATUS	CONSTRUCTION COST	CONTRACTOR	PROJECT ADMINISTRATOR	COMMENTS
I O U S	<b>2021CPT.10.1</b> <b>4.10131 -</b> Contract DJ00375	<b>NC 3</b> (1 Primary section) and 23 sections of secondary roads.	April, 2021	June, 2022	100% completed	\$2.8 Million	Bythe Brothers	NCDOT Marc Morgan 704-983-4380	<b>PROJECT COMPLETE</b>
	<b>R-5790JG</b> <b>44920.3.15</b>	LOCATION Installation of curb ramps.	LET March 2022	TBD	% Complete	\$ 3M	TBD	Barrett Eatman	Letters sent to municipalities. Project being prepared for LET.
	<b>SS - 6010E</b> <b>48987.1.1</b> <b>48987.3.1</b>	<b>NC 73 &amp; Cabarrus Ave. Concord</b> Traffic Signal & Pavement Markings Revisions			<b>100 % Complete</b>	\$2,500	NCDOT	NCDOT Laura Jean-Ghitea 704-983-4400	<b>PROJECT COMPLETE</b>
	<b>SS-4910DM</b> <b>48485.1.1</b> <b>48485.2.1</b>	<b>Roberta Rd. &amp; Cochran Rd. Concord -TO- Brookville Ave.</b> Mini Roundabout Construction	LET JUNE 2022		LET	\$325,000	TBD	NCDOT Donald Harward 704-983-4400	SPOT Safety Project. If utilities cooperate we will Let Summer 2022

July 25, 2022

Mr. Phil Conrad, PE  
City of Concord Transportation Director  
850 Warren C. Coleman Blvd  
Concord, NC 28025

Subject: Cabarrus-Rowan MPO, Federal FY22 Carbon Reduction Program Allocation

Dear Mr. Conrad:

On November 15, 2021, President Biden signed the Infrastructure Investment and Jobs Act (IIJA) (Public Law 117-58, also known as the “Bipartisan Infrastructure Law”) (BIL) into law. The BIL authorizes a new Carbon Reduction Program (CRP) codified at 23 United States Code (U.S.C.) 175 to reduce transportation emissions. The Transportation Planning Division is pleased to inform you that the following funds have been made available to the Cabarrus-Rowan MPO, through the CRP. For Federal FY22, the Cabarrus-Rowan MPO will receive the allocation of \$ 481,266 in federal funds.

CRP funds are available for obligation for a period of 3 years after the last day of the fiscal year for which the funds are authorized (*See* 23 U.S.C. 118(b)). Thus, CRP funds are available for obligation for up to 4 years. The federal share for CRP funded projects is 80% and will require a 20% non-federal match for projects.

Cabarrus-Rowan MPO is a TMA area and has selection authority per 23 CFR 450.332(c) but should coordinate with NCDOT on which projects are selected to ensure eligibility.

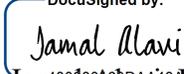
CRP funds can be used for a wide range of projects that reduce emissions. Eligible activities as identified in the statute are as follows: traffic management, truck stop electrification, public transportation, transportation alternatives, advanced transportation and congestion management technologies, intelligent transportation systems, development of a carbon reduction strategy, travel demand management, efforts to reduce the impacts of freight movement, deployment of alternative fuel vehicle, diesel engine retrofits, traffic flow improvements that do not involve construction of new capacity; and projects that reduce transportation emissions at port facilities. Other projects may be eligible with demonstration of emissions reductions. All projects selected must follow Title 23 requirements.

For additional guidance as next steps, we recommend you follow the listed of steps below.

- Identify a list of projects that are eligible in your area. (Minimum project cost is \$100,000.)
- Develop a process for making sure that projects are distributed equitably if you have more needs than funds.
- Identify and ensure that the local government has the 20% local match available and that the total project cost includes an additional 10% for NCDOT project oversight.
- Once you have identified the projects that you would like to fund with CRP funds, email NCDOT-TPD the projects information to confirm eligibility.
- Once NCDOT- TPD has reviewed and confirmed eligibility of projects and issued a CRP Verification Letter with STIP identifiers, then steps should be taken to incorporate in MTP and STIP through the amendment process.
- Once your MPO has received confirmation of project eligibility, the jurisdiction administering the project would then contact NCDOT Local Programs to establish a funding agreement (instructions on how to do this will be in the award letter).
- Once the funding agreement is established and federal funds authorized, project manager follows the process detailed in the [Local Programs Management Handbook](#).

For more information about the CRP, please review the [Carbon Reduction Program Implementation Guidance](#) and [fact sheet](#). If you have any questions, please contact Nastasha Earle-Young at [nbearle-young@ncdot.gov](mailto:nbearle-young@ncdot.gov) or 919-707-0931.

Sincerely,

DocuSigned by:  
  
Jamal Alavi, P.E.  
Director, Transportation Planning Division

cc: Travis Marshall, PE, Transportation Planning Division  
Heather Hildebrandt, Transportation Planning Division  
Nastasha Earle-Young, Transportation Planning Division  
David Wasserman, PE, STIP Unit  
Jason Schronce, PE, STIP Unit  
Pat Ivy, PE, Division 9  
Brett D. Canipe, PE, Division 10  
Marta Matthews, Local Programs



# Carbon Reduction Program

- Infrastructure Investment and Jobs Act established the Carbon Reduction Program (CRP) to reduce transportation emissions from on-road sources.
- Requires each State in consultation with MPOs to develop a carbon reduction strategy and update it every 4 years
- Requires the carbon reduction strategy to identify projects and efforts to support the reduction of transportation emissions
- Carbon reduction strategies may include options to:
  - Reduce congestion by facilitating modes other than single occupant vehicles
  - Facilitate use of vehicles or modes that lower emissions per person per mile
  - Facilitate transportation construction approaches that result in lower emissions

# Funding

- Federal Fiscal Years 2022 to 2026
- Lump sum apportionment to State allocated to Urbanized Areas based on population
- Cabarrus Rowan MPO FY 22 funds allocation - \$481,266
- CRP funds require a 20% local match
- Cabarrus Rowan MPO has selection authority on the use of CRP funds in coordination with NCDOT

# Eligible Projects

- Traffic Monitoring, management, or improvements to traffic flow
- Truck Stop Electrification
- Public Transportation
- Transportation Alternatives including on-road and off-road trail facilities for pedestrians, bicyclists and other non-motorized forms of transportation
- Intelligent Transportation Systems, congestion management and travel demand management improvements
- Development of a Carbon Reduction Strategy
- Reduction in environmental impacts of freight movement
- Project supporting deployment of alternative fuel vehicles/construction equipment
  - EV charging infrastructure or other low emission fuels
  - Diesel engine retrofits

# Next Steps

- Identify a list of eligible projects (Minimum project cost \$100,000)
- Develop process to equitably distribute projects
- Identify and ensure 20% local match
- Include 10% of total project cost for NCDOT project oversight
- Confirm project eligibility with NCDOT
- Receive NCDOT CRP Verification Letter with STIP identifier
- Incorporate STIP project in MTP and STIP by amendment
- Develop funding agreement with NCDOT Local Programs unit

	RIDER TRANSIT						RIDER ADA PARATRANSIT						ROWAN TRANSIT					
	2017	2018	2019	2020	2021	2022	2017	2018	2019	2020	2021	2022	2017	2018	2019	2020	2021	2022
January	32527	28,618	35154	32,795	19,946	13,670	727	786	1014	1233	1064	1291	1394	1382		1281	611	
February	33599	30231	32851	31073	23,498	20,251	755	887	1001	1238	1065	1358	1816	1318		1299	679	
March	34813	32443	35038	25626	36652	23914	932	972	1066	887	1558	1626	1631	1213		1388	737	
April	32820	33153	33822	15732	36209	24336	814	903	1117	550	1555	1474	1697	1229		858		
May	32719	35578	36,735	18,489	36,769	24,130	864	1005	1015	687	1464	1542	1487	1196		651		
June	33,987	38320	36931	22239	35573	26036	837	893	918	997	1370	1638	1659	916		797		
July	32776	36564	37265	22975	27155	24640	819	840	956	1065	1305	1476	1543	694	1378	828		
August	37535	42211	38455	22020	27824		862	995	1041	1191	1233		2018		1425	826		
September	33850	35060	35590	21712	27014		864	895	1076	1231	1286		1667		1413	824		
October	35584	39504	37,727	24,501	28779		957	1147	1175	1024	1304		1670		1412	930		
November	33804	33695	32930	22073	25692		881	972	1132	959	1424		1446		1214	684		
December	32746	30639	32848	19994	24882		885	781	1049	1044	1463		764		1127	721		
<b>Totals</b>	<b>371176</b>	<b>416016</b>	<b>425346</b>	<b>279229</b>	<b>349,993</b>	<b>156,977</b>	<b>10197</b>	<b>11076</b>	<b>12560</b>	<b>12106</b>	<b>16091</b>	<b>10405</b>	<b>18,792</b>	<b>7,948</b>	<b>7,969</b>	<b>11,087</b>	<b>2,027</b>	<b>0</b>

	SALISBURY TRANSIT SYSTEM						SALISBURY ADA PARATRANSIT											
	2017	2018	2019	2020	2021	2022		2018	2019	2020	2021	2022						
January	12497	10192	11588	10836	4631				669	662	605							
February	12872	11786	10819	10426	4495				664	587	553							
March	12973	11945	10813	8444	5069				621	641	711							
April	12144	12075	11383	4344	5058				629	442	737							
May	12871	12139	15528	4230	4698				754	505	673							
June	10964	11581	10983	5406	5225				698	618	762							
July	10777	11581	12228	5987	6240			706	855	605	680							
August	15964	13855	13186	5505	6527			739	854	495	682							
September	13978	11689	11472	5350	6081			532	827	529	659							
October	13214	13304	12645	5758	6087			695	801	590	639							
November	11558	10889	12742	4384	5667			582	644	545	613							
December	11131	9170		5416	7190			492		718	703							
<b>Totals</b>	<b>150943</b>	<b>140206</b>	<b>133387</b>	<b>76086</b>	<b>66968</b>			<b>3746</b>	<b>8016</b>	<b>6937</b>	<b>8017</b>							



## NC Statewide Multimodal Freight Plan

The Statewide Freight Plan ([NCDOT: Logistics & Freight - Statewide Multimodal Freight Plan](#)) identifies transportation and logistic investments that support economic growth across NC. The 2017 plan is currently being updated. , the 2022 North Carolina Statewide Multimodal Freight Plan Update will look to the future by:

- Addressing recent changes in the freight market
- Identifying ways to enhance economic development opportunities and competitiveness through more streamlined freight movement
- Improving freight system efficiency and reliability while enhancing safety and security
- Identifying and implementing new freight technologies to improve reliability and efficiency
- Meeting new federal requirements identified in the latest [Bipartisan Infrastructure Law \(BIL\)](#), as well as the previous requirements under the [Fixing America's Surface Transportation \(FAST\) Act](#)

**The draft plan will be available for public comments from July 22, 2022 to August 22, 2022.**

## Reconnecting Communities Funding Opportunity

The USDOT has issued a Notice of Funding Opportunity for the Reconnecting Communities Pilot (RCP) Discretionary Grant Program. Funds for the FY 2022 RCP Program are to be awarded on a competitive basis for projects that reconnect communities by removing, retrofitting, or mitigating highways or other transportation facilities that create barriers to community connectivity, including to mobility, access, or economic development. The variety of transformative solutions to knit communities back together can include: high-quality public transportation, infrastructure removal, pedestrian walkways and overpasses, capping over highways, linear parks and trail connectors, roadway redesigns and complete streets conversions, and main street revitalization.

Up to \$195 million is available to for competitive grants through the RCP Program in FY 2022 (\$50 million is dedicated to planning grants and \$145 million is dedicated to capital construction grants). The RCP Program grant applications are due on October 13, 2022. Grant applications must be submitted through <https://www.grants.gov>. Award winners are expected to be announced in early 2023. Please contact Gretchen Vetter ([gavetter@ncdot.gov](mailto:gavetter@ncdot.gov)) if you have any questions or need further information.

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

*- NCDOT Mission Statement*

## Draft 10-Year Transportation Plan Up for Review

A draft of the state's next long-range transportation improvements plan (STIP) is now available for public review: The State Transportation Improvement Program, or STIP, is the N.C. Department of Transportation's guide that shows how and when transportation projects are expected to be funded over the next 10 years. Projects scheduled in the first five years are generally considered to be committed, while those on the latter half of the schedule are subject to be re-evaluated when the next STIP is developed.

People can view the draft 2024-33 document at [NCDOT: 2024-2033 STIP Development](#) (go to [ncdot.gov](http://ncdot.gov) and search “2024 STIP”).

**There will be upcoming opportunities for the public to comment on the draft in person and online.**



## National Electric Vehicle Infrastructure (NEVI) Program

Established by the Bipartisan Infrastructure Law, the [National Electric Vehicle Infrastructure, or NEVI, Program](#) provides nearly \$5 billion from July 2022-June 2027 to help states create a network of 500,000 electric vehicle charging stations along designated alternative fuel corridors. North Carolina expects to receive up to \$109 million to build out EV infrastructure along its approved corridors.

The Federal Highway Administration's [Alternative Fuel Corridors](#) program recognizes highway segments that have infrastructure (or plans for infrastructure) that support alternative fuel options, including electricity, compressed natural gas, liquefied petroleum gas and hydrogen. A map displaying North Carolina's current alternative fuel corridors can be found on the following website: [NCDOT: National Electric Vehicle Infrastructure \(NEVI\) Program \(https://www.ncdot.gov/initiatives-policies/environmental/climate-change/Pages/national-electric-vehicle-infrastructure-program.aspx\)](https://www.ncdot.gov/initiatives-policies/environmental/climate-change/Pages/national-electric-vehicle-infrastructure-program.aspx)

The survey is now closed to responses.

Upcoming	Date
4th Quarter (Final) invoice, work summary and annual performance due for FY 22	August 10, 2022
1st Quarter 5303 Claim (July 1, 2022 to Sept. 30 2022) due	October 28, 2022
MPO Evaluation Report due to Transportation Oversight Committee (NCGS 136-200.4)	November 1, 2022
TPD provides MPO planning fund allocations for FY 24	

## Contact Us

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### NCDOT Statewide Plans:

To learn more, click on the following links:

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

### Other Plans:

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

### Helpful Links:

Click on links below to learn more:

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