

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

Wednesday October 27, 2021

6:00 pm

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

Agenda

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

- 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
- Service Recognition
- Speakers from the Floor (3 minutes per speaker)
- Update on the CRMPO Staffing Recommendations
- 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 #9 **Phil Conrad**

INFORMATION: MPO staff typically brings amendments or modifications from recent NCDOT Board of Transportation agendas to the TCC/TAC for consideration. The first project modification is the delay right-of-way for EB-5732 to FY 2022. Attachment 2 is a resolution modifying the MTIP for this project.

ACTION/RECOMMENDATION: 1) Receive a report on modification #9 to the FY 2020-2029 MTIP; and 2) Consider endorsing modification #9 to the FY 2020-2029 MTIP.

3) 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 2021. Rider has elected to use the MPO Public Involvement procedures to process this annual requirement. Attachment 3 is the POP.

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

4) Performance-Based Planning: Safety Targets Phil Conrad

INFORMATION: The federal transportation legislation or FAST Act requires that State DOTs and MPOs adopt performance-based planning as a component of the metropolitan transportation planning process. The NCDOT just 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 2022 is included as attachment 4.

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

THIS CONCLUDES THE CONSENT AGENDA

5) Approval of August 25, 2021 minutes TAC Chair Furr

6) CTP Amendments Phil Conrad

INFORMATION: The Town of Harrisburg and City of Concord are presenting some Comprehensive Transportation Plan (CTP) amendments. The municipalities have already adopted these amendments as part of their own CTP process. The MPO's CTP was last amended in August 2020. The summary tables for the CTP changes are included as attachment 6.

ACTION / RECOMMENDATION: 1) Receive a report on the draft CTP Amendments; 2) Discuss; and 3) Consider adopting the CTP amendments.

7) FY 2020-2029 MTIP Amendment #5 Phil Conrad

INFORMATION: The NCDOT has requested a STIP Amendment to add TL-0021 for the purchase of a new 35 feet hybrid electric bus. The second amendment is to add a roundabout and intersection improvements at Brenner

Avenue (HL-0049). The third amendment is to add four transit buses that have exceeded their useful life (TC-0023). These amendments to the STIP would be presented to the Board of Transportation for approval at an upcoming meeting. An accompanying resolution is included as attachment 7.

ACTION/RECOMMENDATION: 1) Receive a report on Amendment #5 to the FY 2020-2029 MTIP; 2) Discuss; and 3) Consider endorsing amendment #5 to the FY 2020-2029 MTIP.

8) 2050 MTP DRAFT List of CMP Corridors Phil Conrad

INFORMATION: The 2050 MTP will include an updated list of corridors for the Congestion Management Process (CMP). This list began with the 2035 MTP and has been updated with each successive MTP. A big component of the evaluation is the regional travel model, which includes data on forecasted travel and capacity. In addition, safety data was included with the 2040 MTP and tracked by corridor. The USDOT now requires performance based planning that ties into the CMP and requires MPO's to establish targets or endorse the NCDOT targets statewide (item #4). Attachment 8 is the draft list of corridors in the MPO area.

ACTION/RECOMMENDATION: 1) Receive a report on the draft list of CMP corridors; and 2) Discuss.

9) Reports / MPO Business Phil Conrad / TAC Members

- Local Reports – NCDOT Division 9 & 10
- P7.0 Process and Schedule
- Special Studies Update – Rowan County, Town of China Grove, and 2050 MTP Assistance
- FY 2023 CMAQ Project Call
- FY 26 STPBG Balance and 2022 Project Call

10) Information Items Phil Conrad

- Rider and Salisbury Transit Ridership

Next meeting: November 17, 2021

- 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 METROPOLITAN PLANNING ORGANIZATION (CRMPO)

CITY OF CONCORD

TRANSPORTATION DEPARTMENT



CRMPO Today

Recommendations

Staffing

Cost Estimate

Transparency Plan

Proposed Timeline

OUTLINE

CRMPO TODAY

Cabarrus-Rowan MPO Local Match Table

MPO Member	Percent	
Concord	25.0%	\$ 16,188
Rowan County	24.2%	\$ 15,703
Cabarrus County	15.6%	\$ 10,135
Kannapolis	13.5%	\$ 8,727
Salisbury	10.6%	\$ 6,864
Harrisburg	3.6%	\$ 2,360
China Grove	1.3%	\$ 852
Spencer	1.0%	\$ 669
Landis	1.0%	\$ 634
Midland	1.0%	\$ 629
Granite Quarry	0.9%	\$ 600
Rockwell	0.7%	\$ 432
E. Spencer	0.5%	\$ 314
Mount Pleasant	0.5%	\$ 338
Cleveland	0.3%	\$ 178
Faith	0.3%	\$ 165
Total		\$ 64,789

- Third Party Consultant – Mobility Solutions
 - Sole consultant based MPO in NC
 - Two full-time personnel: Administrator & MPO Manager
 - Contract Amount \$275,000
- Unified Planning Work Program (UPWP) 2022:
 - \$453,945 Federal and Local PL Funding
 - \$95,751 Federal and Local Transit 5303 Funding

Transit Planning - 5303			
Local (10%)	State (10%)	Federal (80%)	Fund Total
\$9,575	\$9,575	\$76,601	\$95,751

Region		Staff		Size					Funding					
MPO	LPA	Contracted Staff	Internal Staff	Members Jurisdictions	TMA (Population over 200,000)	Non-Attainment (Air Quality Conformity)	Population (Census 2010)	Area (Sq Mi)	Main UPWP Funding Sources	UPWP Task Funding Total FY21	Total Local Match	PL (104) Fund Total	FHWA PL Funds (80%)	Local PL Match (20%)
CRMPO	Concord	2	0	16	Yes	Yes	316,427	888	PL 104 5303	\$444,571	\$79,339*	\$348,820	\$279,056	\$69,764
CRTPPO	Charlotte	0	8 (now 11)	27	Yes	Yes	1,262,842	1,559	PL 104 5303 STP-DA FTA TOD SPR	\$5,829,421	\$901,755	\$2,608,921	\$2,087,137	\$521,784
JUMPO	Jacksonville	0	4	9	No	No	141,613	423	PL 104 5303 5307	\$352,887	\$60,679	\$253,907	\$203,126	\$50,781
GCLMPO	Gastonia	0	4	18	Yes	Yes	382,271	1137	PL 5303 SPR	\$462,301	\$86,538	\$309,326	\$247,461	\$61,865
BGMPO	Burlington	0	4 (1 full time, 3 part time)	12	No	No	161,793	454	PL 104 5303 5307	\$470,453	\$73,693	\$266,473	\$213,179	\$53,295

*Additional 5303 local match cost incurred by CK Rider

**The 2020 Census estimates that the CRMPO region population is now 372,679

***PL funding increased FY22: Local Match \$90,789

MPO FUNDING AND STAFFING COMPARISON

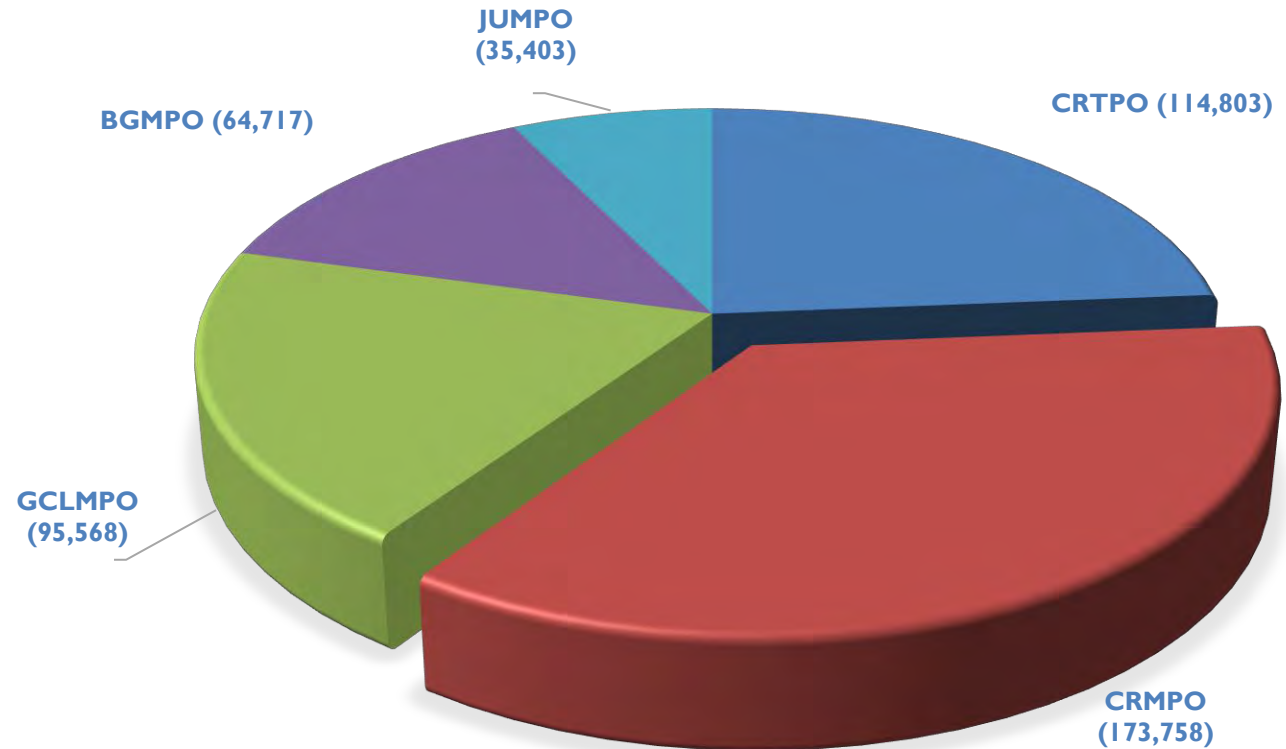
STAFFING COMPARISON

- National Average: 1 employee/50,000 population
 - CRMPO has 1 employee/173,758 population
 - 347,516 people (2010 Census) and only two employees
- MPO Staffing Study Findings:
 - CRTPO 1 per 114,803.82 (11 full-time employees)
 - GCLMPO 1 per 95,567.75 (4 full-time employees)*
 - BGMPO 1 per 64,717.2 (1 full-time, 3 part-time)
 - JUMPO 1 per 35,403.25 (4 full-time employees)*

Each MPO studied had a **minimum of 4 employees** allowing transportation mode specialization

*Additional time billed from City staff

URBAN AREA POPULATION PER MPO EMPLOYEE

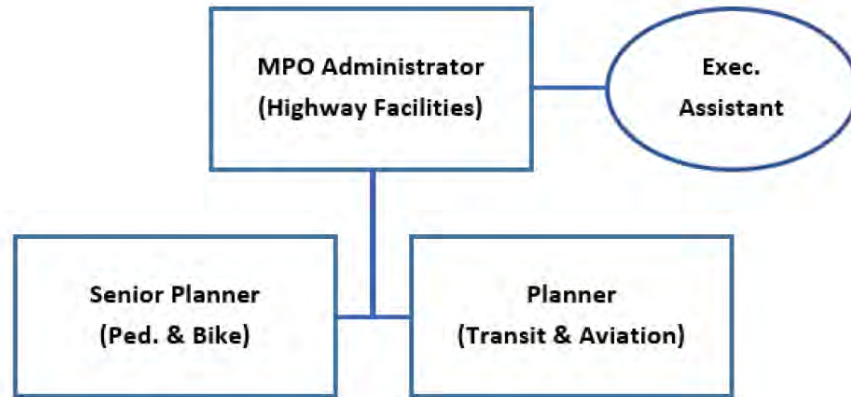


- The 2020 Census estimates that the CRMPO urban area population has reached 372,679. This equates to 1 employee/186,340 population.

OVERALL RECOMMENDATIONS

- Consensus received from TCC and NCDOT to transition to hosted MPO Structure
- Based on internal discussion and comparison to other MPO's staffing structures, hosting the MPO would have the following benefits:
 - Extend fund dollars to increase staffing
 - Increase transportation mode specialization and technical expertise
 - Provide more support to jurisdictions

EXAMPLE STAFFING STRUCTURE



City of Concord Compensation Chart		
Job Codes	Min	Max
113 (Administrator/Manager)	\$ 79,802.83	\$ 131,674.67
110 (Senior Planner)	\$ 60,507.10	\$ 99,836.75
209 (Planner)	\$ 47,224.76	\$ 77,920.85
208 (Exc. Asst)	\$ 43,325.46	\$ 71,487.02
TOTAL	\$ 230,860.15	\$ 380,919.29
AVERAGE SUM	\$	305,889.72

- MPO Administrator/Manager
 - Highway focused
 - Charged with hiring all other positions
- Senior Planner
 - handles Bicycle and Pedestrian needs
- Planner
 - focused on Transit, Rail, and Aviation needs
- Executive Assistant

➤ One or both Planners should also have a robust GIS skillset

Salaries are assumed based on City of Concord's salary bands in comparison to GCLMPO's staffing structure

Local Match Table - PL	Percent	Cost (min +10%)
Concord	28.20%	\$ 20,322.76
Rowan County	21.80%	\$ 15,710.50
Cabarrus County	14.10%	\$ 10,161.38
Kannapolis	14.30%	\$ 10,305.51
Salisbury	9.50%	\$ 6,846.32
Harrisburg	5.10%	\$ 3,675.39
Midland	1.30%	\$ 936.86
China Grove	1.20%	\$ 864.80
Landis	1.00%	\$ 720.67
Spencer	0.90%	\$ 648.60
Granite Quarry	0.80%	\$ 576.53
Rockwell	0.60%	\$ 432.40
Mount Pleasant	0.40%	\$ 288.27
E. Spencer	0.40%	\$ 288.27
Cleveland	0.20%	\$ 144.13
Faith	0.20%	\$ 144.13
TOTAL		\$ 72,066.53

ESTIMATED COST BREAKDOWN

- Any transit related tasks could be charged to 5303 funds, reducing charged PL Funds.

ESTIMATED COST DELTA

Factoring in the current UPWP rates, assuming majority of staff are placed around or below the minimum +10% range as is customary for new positions, we expect the municipalities participation to be close to current amounts, considering that some percentage of employee time will be charged to 5303.

Local Match Table - PL	Percent	Cost Difference (min +10%)
Concord	28.20%	\$2,052.26
Rowan County	21.80%	\$1,586.50
Cabarrus County	14.10%	\$1,026.13
Kannapolis	14.30%	\$1,040.69
Salisbury	9.50%	\$691.37
Harrisburg	5.10%	\$371.15
Midland	1.30%	\$94.61
China Grove	1.20%	\$87.33
Landis	1.00%	\$72.78
Spencer	0.90%	\$65.50
Granite Quarry	0.80%	\$58.22
Rockwell	0.60%	\$43.67
Mount Pleasant	0.40%	\$29.11
E. Spencer	0.40%	\$29.11
Cleveland	0.20%	\$14.56
Faith	0.20%	\$14.56
TOTAL		\$7,277.53

TRANSPARENCY PLAN

Pre-Implementation Stage

- Request feedback from members regarding future staffing structure of MPO
- Involve all parties in creating position descriptions and qualifications
- Include member jurisdictions from both counties as well as NCDOT in the interview process for the CRMPO Manager (Lead)

Continuous Involvement

- Reach out to MPO members for annual survey/feedback on CRMPO Manager's Performance Evaluations
- Planning staff will be encouraged to meet with all MPO jurisdictions to ensure needs are being met
- Smaller jurisdictions will be made Chair and Vice Chair of the TCC

PROPOSED TIMELINE

Summer
2021

- Determine appropriate MPO structure and reach consensus from all parties involved

Fall 2021

- Write up new position descriptions with input from member jurisdictions

Winter
2021

- Wrap up documents with HR, and review conformity with NCDOT and FHWA

January 2022

- Advertise CRMPO Manager position

February
2022

- Review applications with selection committee

March 2022

- Conduct interviews and make final hiring decision with input from member jurisdictions and NCDOT

* Gives time before July 1st start date to iron out logistics of transferring information and allowing the MPO consultant to hire personnel if needed.

RESOLUTION ADOPTING MODIFICATION #9 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 2045, 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 27th day of October, 2021.

I, Lori Furr, Transportation Advisory Committee Chair, do hereby certify that the above is a true and correct copy of the excerpt from the minutes of a meeting of the Cabarrus-Rowan Transportation Advisory Committee, duly held on the 27th day of October 2021.

Lori Furr, Chair
Transportation Advisory Committee

REVISIONS TO THE 2020-2029 STIP
HIGHWAY PROGRAM

CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION

STIP MODIFICATIONS

EB-5732 CABARRUS PROJ.CATEGORY DIVISION	- CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION	BRUTON SMITH BLVD/ CONCORD MILLS BLVD/ PORTION OF WEDDINGTON ROAD, US 29 TO WEDDINGTON ROAD. CONSTRUCT SIDEWALK ON BOTH SIDES OF THE ROAD, INCLUDING A PORTION OF WEDDINGTON ROAD. <u>TO ALLOW ADDITIONAL TIME FOR PRELIMINARY ENGINEERING, DELAY RIGHT-OF-WAY FROM FY 21 TO FY 22.</u>	RIGHT-OF-WAY	FY 2022 -	\$80,000	(TAANY)	
				FY 2022 -	\$20,000	(L)	
			CONSTRUCTION	FY 2024 -	\$2,298,000	(TAANY)	
				FY 2024 -	\$575,000	(L)	
				FY 2025 -	\$2,318,000	(TAANY)	
				FY 2025 -	\$579,000	(L)	
				FY 2026 -	\$184,000	(TAANY)	
				FY 2026 -	\$46,000	(L)	
					\$6,100,000		
* U-5956 CABARRUS PROJ.CATEGORY REGIONAL	- CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION	US 29, REALIGN UNION CEMETERY ROAD TO INTERSECT US 29 AT ROCK HILL CHURCH ROAD AND CONSTRUCT IMPROVEMENTS ALONG US 29 FROM 0.6 MILE WEST OF ROCK HILL CHURCH ROAD TO JUST EAST OF ROCK HILL CHURCH ROAD. <u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>	RIGHT-OF-WAY	FY 2022 -	\$3,400,000	(T)	
			UTILITIES	FY 2022 -	\$1,050,000	(T)	
			CONSTRUCTION	FY 2023 -	\$1,050,000	(T)	
				FY 2025 -	\$3,384,000	(T)	
				FY 2026 -	\$5,942,000	(T)	
				FY 2027 -	\$2,474,000	(T)	
					\$17,300,000		
* U-6032 CABARRUS MECKLENBURG PROJ.CATEGORY DIVISION	- CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION	SR 2467 (MALLARD CREEK ROAD)/ SR 1445 (DERITA ROAD), I-485 TO CONCORD MILLS BOULEVARD (SR 2894). WIDEN TO MULTI-LANES. <u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>	RIGHT-OF-WAY	FY 2022 -	\$4,800,000	(T)	
				FY 2023 -	\$4,800,000	(T)	
				FY 2024 -	\$4,800,000	(T)	
	- CHARLOTTE REGIONAL TRANSPORTATION PLANNING ORGANIZATION			UTILITIES	FY 2022 -	\$2,600,000	(T)
				CONSTRUCTION	FY 2025 -	\$258,000	(T)
					FY 2026 -	\$10,186,000	(T)
					FY 2027 -	\$9,431,000	(T)
					FY 2028 -	\$5,128,000	(T)
					FY 2029 -	\$796,000	(T)
					\$42,799,000		

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2020-2029 STIP
HIGHWAY PROGRAM

CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION

STIP ADDITIONS

* BL-0043	- CABARRUS-ROWAN URBAN AREA	NORTH WASHINGTON STREET, PARK DRIVE TO NC 73	ENGINEERING	FY 2022 -	\$92,000	(CMAQ)
CABARRUS	METROPOLITAN PLANNING ORGANIZATION	(EAST FRANKLIN STREET). CONSTRUCT SIDEWALK,		FY 2022 -	\$23,000	(L)
PROJ.CATEGORY		CURB AND GUTTER AND WIDEN TO 12 FOOT SHARED	CONSTRUCTION	FY 2022 -	\$419,000	(CMAQ)
EXEMPT		TRAVEL LANES WITH BIKE SHARROWS.		FY 2022 -	\$105,000	(L)
		<u>ADD PROJECT AT THE REQUEST OF THE MPO.</u>			\$639,000	

STIP MODIFICATIONS

HS-2009D	- CABARRUS-ROWAN URBAN AREA	SR 1007 (JAKE ALEXANDER BOULEVARD), SR 1007	RIGHT-OF-WAY	FY 2022 -	\$110,000	(HSIP)
ROWAN	METROPOLITAN PLANNING ORGANIZATION	(JAKE ALEXANDER BOULEVARD) AT MORLAN PARK	UTILITIES	FY 2022 -	\$40,000	(HSIP)
PROJ.CATEGORY		ROAD. INSTALL CONCRETE CHANNELIZATION AND	CONSTRUCTION	FY 2023 -	\$350,000	(HSIP)
DIVISION		LEFT-OVER WITH U-TURN BULB EAST OF MORLAN			\$500,000	
		PARK ROAD.				
		<u>ADD PROJECT SEGMENT D AT THE REQUEST OF THE</u>				
		<u>TRANSPORTATION MOBILITY AND SAFETY DIVISION.</u>				

P-5726	- CABARRUS-ROWAN URBAN AREA	NORFOLK SOUTHERN, NS MAINLINE IN ROWAN	CONSTRUCTION	FY 2024 -	\$780,000	(O)
ROWAN	METROPOLITAN PLANNING ORGANIZATION	COUNTY. CONSTRUCT TRACK IMPROVEMENTS,		FY 2024 -	\$4,000,000	(T)
PROJ.CATEGORY		SECOND PLATFORM, PEDESTRIAN UNDERPASS,		FY 2025 -	\$5,000,000	(T)
REGIONAL		SITWORK, RETAINING WALL AND SIGNAL EQUIPMENT.		FY 2026 -	\$5,320,000	(T)
		<u>TO ALLOW ADDITIONAL TIME FOR RAILROAD WORK,</u>			\$15,100,000	
		<u>DELAY CONSTRUCTION FROM FY 22 TO FY 24.</u>				

* INDICATES FEDERAL AMENDMENT

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 November 8th to December 6th. Please submit any comments on the documents that you may have by **Monday, December 6th** to:

email: pconrad@mblsolution.com

Mail: Attention: Phil Conrad
Program of Projects
Cabarrus-Rowan MPO
713 Sternbridge Drive
Concord, NC 28025

Fax: (704)795-7529

For additional information or further assistance, call Phil Conrad at (704) 795-7528 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 2021 Program of Projects

The FY 2021 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 2021 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 26 TAC meeting**. The Transportation Advisory Committee will be the body to approve the document.

Recommended Action: MPO Approval at the **January 26 meeting.**

Section 5307 Urbanized Area Formula Grants – FY 2021

TG-5103C Preventive Maintenance: Contracted Maintenance Capital Costs

The City of Concord will apply for Federal capital assistance to support the 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
\$1,500,000	\$1,200,000	\$300,000	N/A

TG-5103A Routine Capital

The City of Concord will apply for Federal routine capital assistance to support the purchase of a 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-5173 Purchase Replacement Buses

The City of Concord will apply for Federal capital assistance to support the purchase of replacement buses, with eight buses being purchased in FY21 at a Federal share of \$5,440,000, State share of \$680,000, and Local share of \$680,000; and two buses being purchased in FY22 at a Federal share of \$1,360,000, State share of \$170,000, and Local share of \$170,000.

Total Costs:	Federal	Local	State
\$6,800,000	\$5,440,000	\$680,000	\$680,000

TG-5103B Routine Capital – ADA Service

The City of Concord will apply for Federal operating assistance for up to 10% of the total operating costs of ADA Paratransit Services. This includes fuel and operator salaries for this service.

Total Costs:	Federal	Local	State
\$375,000	\$300,000	\$75,000	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
\$25,000	\$25,000	N/A	N/A

TL-0005

Expansion Bus

Total Costs:	Federal	Local	State
\$725,000	\$580,000	\$145,000	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	\$1,300,000	\$1,100,000	\$313,000

Section 5310 Enhanced Mobility of Seniors & Individuals with Disabilities – FY 2021

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 2021

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	\$200,000	\$50,000	N/A

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

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

Total Costs:	Federal:	Local:	State:
\$500,000	\$400,000	\$100,000	N/A

Section 5303 Planning Assistance – FY 2021

Planning Assistance – 5303 (TP-5118)

The City of Concord will apply for Federal planning assistance to support transit planning by the Cabarrus-Rowan MPO. Work tasks will include (1) evaluating ridership data including the need for any potential expansions; (2) participating and/or facilitating the discussion and agreement between the 4 fixed route systems Section 5307 distribution formula as required by NCDOT; (3) documentation and process of any MTP amendments; (4) maintenance of the public transit section of the 2045 MTP.

Total Costs:	Federal:	Local:	State:
\$150,000	\$120,000	\$15,000	\$15,000

Specific projects to be considered in FY21:

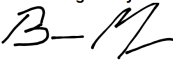
- Cabarrus County Long Range Public Transit Master Plan implementation
 - Priority 1- System Consolidation and Implementation Plan
 - Priority 2- High Capacity Transit Study
- Rider Transit Bus Stop Amenity Program, ongoing
- Public Transportation Agency Safety Plan/System Safety Plan
- New vehicle camera system
- COVID-19 related expenses and investments
- Bus replacement and expansion procurement
- ADA Paratransit vehicle replacement procurement

DATE: October 12, 2021

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

FROM: Brian Mayhew, PE, CPM
State Traffic Safety Engineer
Transportation Mobility & Safety Division

SUBJECT: Safety Performance Measures – FHWA Assessment and 2022 Targets

DocuSigned by:

EA0525CE2812491...

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) (<https://spatial.vhb.com/ncdotshsp/>) 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 (2019) SHSP is to reduce fatalities and serious injuries by half by 2035, moving towards zero by 2050.

North Carolina Safety Performance Target Achievement Determination

In early 2021, FHWA completed an assessment of target achievement for NCDOT's calendar year (CY) 2019 safety targets, based on the 5-year averages for 2015-2019 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. Note that these CY 2019 targets were based off the goal outlined in the 2014 SHSP to reduce fatalities and serious injuries by half by 2030.

Table 1: North Carolina Safety Performance Target Achievement Determination Summary for CY 2019

Performance Measures	5-year Rolling Averages			Target Achieved?	(Actual) Better than Baseline?	Met or Made Significant Progress?
	Target	Actual	Baseline			
	2015 - 2019	2015 - 2019	2013 - 2017			
Fatalities (5 Year Average)	1,214.7	1,410.0	1,363.0	No	No	No
Fatality Rate (5 Year Average)	1.097	1.192	1.214	No	Yes	
Serious Injuries (5 Year Average)	2,490.6	4,078.4	2,860.8	No	No	
Serious Injury Rate (5 Year Average)	2.228	3.422	2.522	No	No	
Non-motorized Fatalities and Serious Injuries (5 Year Average)	403.7	515.6	436.2	No	No	

Table 2 below shows what this determination would look like if the state’s methodology for establishing the CY 2019 goal (reducing fatalities and serious injuries by half by 2030) was applied to crash data specific to Cabarrus - Rowan MPO.

Table 2: Cabarrus - Rowan MPO Safety Performance Target Achievement Determination Summary for CY 2019

Performance Measures	5-year Rolling Averages			Target Achieved?	(Actual) Better than Baseline?	Met or Made Significant Progress?
	Target	Actual	Baseline			
	2015 - 2019	2015 - 2019	2013 - 2017			
Fatalities (5 Year Average)	37.1	40.4	41.2	No	Yes	No
Fatality Rate (5 Year Average)	1.089	1.090	1.197	No	Yes	
Serious Injuries (5 Year Average)	89.2	121.6	107.0	No	No	
Serious Injury Rate (5 Year Average)	2.569	3.256	3.037	No	No	
Non-motorized Fatalities and Serious Injuries (5 Year Average)	13.8	13.4	15.4	Yes	Yes	

2022 State Safety Performance Targets

2022 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 2019 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 the following link:

[https://connect.ncdot.gov/resources/safety/Documents/Crash%20Data%20and%20Information/NC%20Performance%20Measures%20\(Final%20HSIP%20CY%202022%20Targets\).pdf](https://connect.ncdot.gov/resources/safety/Documents/Crash%20Data%20and%20Information/NC%20Performance%20Measures%20(Final%20HSIP%20CY%202022%20Targets).pdf)

Table 3: North Carolina Calendar Year 2022 Safety Performance Targets

Performance Measure	CY 2022
Number of Fatalities	1,254.9
Rate of Fatalities	1.057
Number of Serious Injuries	3,537.6
Rate of Serious Injuries	2.962
Number of Non-Motorized Fatalities & Serious Injuries	486.0

2022 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 the following link:

https://connect.ncdot.gov/resources/safety/Documents/Crash%20Data%20and%20Information/NC_PerformanceMeasuresData_2022Targets_CabarrusRowanMPO.pdf

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)
2008 - 2012	42.2	1.277	62.2	1.894	11.4
2009 - 2013	41.6	1.290	64.8	2.018	13.6
2010 - 2014	41.0	1.280	72.2	2.244	14.8
2011 - 2015	41.8	1.280	77.6	2.370	13.2
2012 - 2016	43.2	1.290	92.4	2.730	14.2
2013 - 2017	41.2	1.197	107.2	3.043	15.4
2014 - 2018	40.0	1.111	117.6	3.225	13.8
2015 - 2019	40.4	1.090	121.6	3.256	13.4
2016 - 2020	42.2	1.151	132.4	3.589	15.4
2022 Target	35.4	0.950	107.8	2.874	11.9

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 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. 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 Unit just as you have in previous years. Daryl can also provide a template of the adoption resolution if helpful. An adoption resolution template can be found at the link below:

https://connect.ncdot.gov/resources/safety/Documents/Crash%20Data%20and%20Information/MPO%20Safety%20Target%20Adoption%20Template%20-%202022CY_FromTransportationPlanningDivision.docx

Finally, a new website (link below) has been established to communicate safety information of specific interest to planning organizations. It is expected that the content on this website will expand over time.

<https://www.ncdot.gov/initiatives-policies/safety/traffic-safety/Pages/Planning-Organization-Resources.aspx>

Please contact me directly at (919) 814-5011 or bmayhew@ncdot.gov for further questions or discussion.

BKM\bgm

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, 2021, 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, 2021, 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 2022 Highway Safety Improvement Plan (HSIP), the goal is to reduce total fatalities by 12.17 percent each year from 1,428.8 (2016-2020 average) to 1,254.9 (2018-2022 average) by December 31, 2022.**
- **For the 2022 Highway Safety Improvement Plan (HSIP), the goal is to reduce the fatality rate by 13.78 percent each year from 1.226 (2016-2020 average) to 1.057 (2018-2022 average) by December 31, 2022.**
- **For the 2022 Highway Safety Improvement Plan (HSIP), the goal is to reduce total serious injuries by 19.79 percent each year from 4,410.2 (2016-2020 average) to 3,537.6 (2018-2022 average) by December 31, 2022.**
- **For the 2022 Highway Safety Improvement Plan (HSIP), the goal is to reduce the serious injury rate by 21.68 percent each year from 3.782 (2016-2020 average) to 2.962 (2018-2022 average) by December 31, 2022.**
- **For the 2022 Highway Safety Improvement Plan (HSIP), the goal is to reduce the total nonmotorized fatalities and serious injuries by 17.93 percent each year from 592.2 (2016-2020 average) to 486.0 (2018-2022 average) by December 31, 2022.**

NOW THEREFORE, BE IT FURTHER RESOLVED, that by approval of this resolution an amendment is hereby made to the 2045 MTP adopted on January 26, 2022 by the Cabarrus-Rowan MPO Transportation Advisory Committee (TAC).

CERTIFICATE: The undersigned certifies that the foregoing is a true and correct copy of a resolution adopted by the voting members of the TAC on January 26, 2022.

Date: _____

By: _____

Meredith Smith, TAC Chair

MINUTES

TRANSPORTATION ADVISORY COMMITTEE

Wednesday, August 25, 2021

HYBRID MEETING
DUE TO COVID-19 PANDEMIC

Members

Blake Kiger	Cabarrus County
Lori Furr	Town of Mt. Pleasant
JC McKenzie	City of Concord
Greg Edds	Rowan County
Ryan Dayvault	City of Kannapolis
Bill Feather *	Town of Granite Quarry
Meredith Bare Smith *	Town of Landis
Ron Smith	Town of Harrisburg
Chris Cranford	Town of Rockwell
Deloris High	Town of East Spencer
Mike Tallent	Town of Midland
Andrew Perkins	NCDOT Board
Stephen Rosenburgh	NCDOT Board

Others

Phil Conrad	CRMPO Director *
Pat Ivey	NCDOT Div 9
Connie Cunningham	CRMPO Staff
Scott Miller	NCDOT Div 10
Stuart Basham	NCDOT Div 10
Alex Rankin	Cabarrus Chamber
Phillip Craver	NCDOT Div 9
Loretta Barren	FHWA
David Wasserman	NCDOT STIP
Andy Bailey	NCDOT TPD
Roger Castillo	NCDOT TPD
Jeff Littlefield	NCDOT Div 10
Van Argabright	NCDOT STIP
Valerie Steele	Rowan Airport
Elaine Spaulding	Rowan Chamber
Rodney Harrison	Salisbury Transit
Scott Kaufhold	City of Kannapolis
Wendy Brindle	City of Salisbury
Terry Crawford	City of Concord
Tony Hillian	Town of E. Spencer
Ryan Brumfield	NCDOT IMD
Terence McPherson	VIA
Harry Warren	NC House

Attended in Person *

Call to Order

The August 25, 2021 meeting of the Cabarrus Rowan MPO TAC was called to order by CRMPO TAC Vice Chair Meredith Bare Smith. She welcomed all in attendance and asked all present to recite the Pledge of Allegiance to a flag displayed on their screens. After reciting the pledge, Vice Chair Smith called the roll of eligible voting TAC members and determined that a quorum had been met.

CRMPO Executive Director Phil Conrad read 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.

Director Conrad then introduced NC House of Representative Harry Warren. Mr. Warren reported that the NC House Transportation Committee had presented a transportation bill to the House of Representatives which was approved. It was sent to the Senate but the Senate did not approve. Mr. Warren reported that some minor revisions had been made and forwarded back to the Senate. He stated they are in hopes of having it to the Governor for his signature by September 10, 2021.

Vice Chair Smith then requested any Chamber of Commerce updates. Mr. Alex Rankin with the Cabarrus Chamber reported to TAC members that the Chamber is working diligently to convey to the NC Legislature the needs in transportation for our area.

Mrs. Elaine Spaulding from the Rowan Chamber reported that Leadership Rowan just kicked off with a two day Retreat. Mrs. Spaulding also informed the TAC members that the Rowan Chamber will be holding its Mayors Round Table session on September 10, 2021 and that the Chamber is closely watching what funds may be coming to North Carolina from the newly passed Federal Transportation bill.

Moving on, TAC Vice Chair Smith asked if there were any speakers from the floor who would like to speak. With none heard, she moved onto the next order of business.

CRMPO Director Phil Conrad introduced Mr. Andrew Perkins, NCDOT Board member and asked if he had anything that he would like to share with the group. Board member Perkins reported to the TAC members that the Board of Transportation is working on the STIP and P6.0. He went on to say they are working to establish a solid cash balance and are close to releasing GARVEE Bond funds. He said the Board is working to find options for reducing traffic fatalities in the State. He closed by adding that the NC Litter Program is ongoing and has been successful to date.

Vice Chair Smith asked if there were any adjustments to the meeting agenda including the Consent Agenda. With none heard, Mr. J.C. McKenzie made a motion to approve the agenda as presented 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:

CTP Amendment

Amendments to the CTP for the City of Concord and the Town of Harrisburg were presented. Attachment 2 in the meeting packets and explained the summary tables for the CTP changes.

FY 2020-2029 MTIP Modification #7

Amendments or modifications from recent NCDOT Board of Transportation agendas were included for consideration. The first project modification being requested is to delay construction

of AV-5731 South Development Area Apron Expansion to FY 2023 for construction. The second project modification is to delay right-of-way to FY 2023 for the EB-5844 Little Texas Road sidewalk. The third requested modification is to delay construction for the EB-5861 Third Street Greenway to FY 2022. The fourth requested modification is for C-4903 which requests an addition of the Air Awareness Program by NCDQA in FY 2022 and the fifth request asked for a delay in acquiring eight rail cars by NCRR to FY 2022 for project P-5719C. The sixth project HL-0005 is the delay in construction to FY 2022 for the Salisbury Signal System and that the seventh and final request is to accelerate construction to FY 2023 for the RCI for NC 24/27 and Bethel School Road.

FY 2020-2029 MTIP Modification #8

NCDOT has recently revised the STIP Prologue to include language related to Transit Safety Targets required by FTA and has requested that MPO's take action to revise the MTIP to include a revised version. The CRMPO STIP Prologue with the applicable language was included that incorporated the appropriate language.

Public Transportation Agency Safety Plan Targets

The Public Transportation Agency Safety Plan (PTASP) final rule, 49 C.F.R. Part 673, requires certain operators of public transportation systems that are recipients or subrecipients of FTA grand funds, to develop safety plans that include the processes and procedures necessary for implementing Safety Management Systems. The Concord/Kannapolis Area Transit System and Salisbury Transit opted to use the NCDOT Safety Plan which allowed them to draft and certify their PTASP under NCDOT's framework and requirements.

The approval by the Cabarrus Rowan Metropolitan Planning Organization is required for approval and certification by NCDOT. NCDOT has requested that the CRMPO adopt a resolution establishing the transit safety targets for the two systems. A resolution was provided.

Mr. J.C. McKenzie made a motion to approve the Consent Agenda as presented and Mrs. Karen Alexander seconded the motion. The TAC members voted unanimously to approve.

THIS CONCLUDES THE CONSENT AGENDA

Approval of June 2, 2021 Minutes

Vice Chair Smith called members' attention to the minutes from the June 2, 2021 meeting included in their meeting packets. Vice Chair Smith asked if there were any corrections or additions to the minutes. With none being heard, Mr. Bill Feather made a motion to approve the minutes as presented. Mr. Ron Smith seconded the motion and the TAC members followed with a unanimous vote to approve.

FY 2020-2029 MTIP Modification #3

Director Phil Conrad reported to the members that the City of Salisbury has requested a STIP amendment be submitted for consideration with project number 5339(b). 5339(b) are funds for bus replacement and vehicle related equipment such as fare boxes, destination signs, camera systems and automated voice annunciation systems. The amendment, Director Conrad explained, would add \$800,000 to Bus and Bus Facilities-Routine Capital (TC-0023) using Section 5339(b) funds at a Federal share of \$640,000 and local share of \$160,000. He called members' attention to their meeting packets which contained a copy of the request.

Director Conrad then asked if Mr. Rodney Harrison with Salisbury Transit has anything to add and Mr. Harrison reported he had no additional information at this time. The Director then called TAC members' attention to Attachment 7 in their packets which was a draft resolution for their consideration.

CRMPO TAC Vice Chairman Smith asked if there were any questions or comments on the request. With none being heard, Mr. Bill Feather made a motion to endorse Amendment #3 to the FY 2020-2029 MTIP. Mr. J.C. McKenzie seconded the motion and members voted unanimously to approve.

FY 2020-2029 MTIP Amendment #4

Director Conrad reported to the TAC members that NCDOT has made a request for four STIP Amendments. The first is to add HS-2010D RCI for NC 24/27 and Bethel School Road. Their second amendment request is to add a sidewalk connection to project BL-0034 Kelsey Scott Park Greenway and the third request is to add statewide ITS device operations for HO-0005. And the fourth amendment is to add CMAQ funds for the statewide air awareness program HO-0009. Director Conrad called members' attention to the requests included in their packets.

The Director went on to report that these amendments to the STIP would be presented to the Board of Transportation for approval at an upcoming meeting. He then referenced Attachment 8 in their packets with was a draft resolution for their consideration.

TAC Vice Chairman Smith asked if there were any questions or comments. With none heard, Mrs. Karen Alexander made a motion to endorse amendment #4 to the FY 2020-2029 MTIP. Mr. Ron Smith seconded the motion and the TAC members voted unanimously to approve.

Reports/CRMPO Business

1. Local Reports - NCDOT Division 9 & 10 – Mr. Pat Ivey, NCDOT Division 9 informed TAC members that Division 9 Updates are included in their meeting packet. He offered to discuss any projects on the list with members.

Mr. Stuart Basham, NCDOT Division 10 representative called TAC members' attention to a spreadsheet of Division 10 project updates and highlighted some of the ongoing projects in Division 10. Mr. Basham also reported to members that Fall Liter Sweep is continuing and will be conducted September 11-25-2021. He also informed members that P6.0 has been halted until quantitative scoring is done. He called members' attention to a memo in their packets concerning this information.

2. NCDOT Presentation - Mr. Pat Ivey with Division 9 provided members with a power point presentation on the STIP Program Update. The presentation covered the background of the STIP, the Cost Estimation Improvement Process, the STIP Cost Review and Board of Transportation considerations. After Mr. Ivey finished his presentation Mr. Andrew Perkins and Mr. Stephen Rosenburgh both NCDOT Board members addressed the TAC members and reiterated the work the Board of Transportation is doing to provide transparency and accountability in all of their processes.
3. NCDOT IMD and Via Presentation - Director Conrad introduced Mr. Ryan Brumfield with NCDOT IMD and Mr. Terence McPherson with Via. Both gentlemen spoke on the benefits, goals and strategies of Integrated Mobility with separate powerpoint presentations.
4. Rowan Transit System Section 5310 Grant Application Letter of Support – Director Conrad reported to the members that the Rowan Transit System is making application to NCDOT for grant funds for their system. A letter of support from the CRMPO is required to accompany the grant application. Mrs. Valerie Steele, Rowan Transit, was available for any questions about their request. After review of the request, Mr. Bill Feather made a motion to provide Rowan Transit System with a letter of support for their project from the MPO. Mrs. Karen Alexander seconded the motion and the TAC members voted unanimously to approve.
5. FY26 STBGP Balance and Project Call – CRMPO Director Conrad reported that he would bring this item back to them at a later date.
6. 2020 US Census Release – Director Conrad called members’ attention to information included in their packets regarding the new release of the 2020 Census.

Informational Items

- ✦ RIDER Transit and Salisbury Transit Ridership Information - Phil called the TAC members’ attention to the ridership information included in their packets.
- ✦ Connect Beyond Recommendations – Director Conrad reported that slides were contained in the member packets for their information.

Next meeting is September 22, 2021

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.

Roadway Name	From	To	Improvement Type	Existing Lanes	Proposed Section	Proposed ROW	Future Lanes (CRMPO CTP)	Federal Functional Classification	CRMPO CTP Classification
NC 49	Coddle Creek	The east border of the Harrisburg ETJ	Widening	4 lane w/ med	4A	180	N/A	Other Principal Arterial	Boulevard - Needs Improvement
Rocky River Rd	I-485	Lower Rocky River Rd	Widening	2-4 lane	4J	125	N/A	Major Collector	Boulevard - Needs Improvement
Lower Rocky River Rd	Peach Orchard Rd	Rocky River Rd	Bike/Ped Facility	2 lane	2E	60	N/A	Minor Collector	Minor Thoroughfare - Needs Improvement
Harrisburg Veterans Rd Ext/Harrisburg Veterans	Rocky River Crossing Rd	Stallings Rd (SR 1161)	Widening	2-4 lane	4J	125	4D	PARTIAL Major Collector	Boulevard - Needs Improvement
Roberta Rd	Blackwelder Rd (SR 1307)	Rocky River Crossing Rd	Widening	2 lane	3C	80	4D	Major Collector	Boulevard - Needs Improvement
Robinson Church Rd (SR 1168)	Mecklenburg County	Tom Query Rd (SR 1166)	Bike/Ped Facility	2 lane w/ TWLTL	3E	90	4D	Major Collector	Boulevard - Needs Improvement
Robinson Church Rd (SR 1166)	Tom Query Rd (SR 1166)	Stallings Rd (SR 1161)	Widening	2 lane	3E	90	3B	Major Collector	Minor Thoroughfare - Needs Improvement
Stallings Rd (SR 1161)	Robinson Church Rd (SR 1166)	Rocky River Rd (SR 1139)	Widening	2-3 lane	3E	90	3C	Local	Minor Thoroughfare - Needs Improvement
Caldwell Rd (SR 1173)	Tom Query Rd (SR 1166)	NC 49	Bike/Ped Facility	2 lane w/ TWLTL	3E	90	4D	Local	Boulevard - Needs Improvement
Caldwell Rd Connector - Alternative 1	Caldwell Rd at NC 49	The County Line	New Location	N/A	3E	90	UNKNOWN	N/A	N/A
Caldwell Rd Connector - Alternative 2	Caldwell Rd at NC 49	Just north of the proposed Carolina Thread Trail	New Location	N/A	3E	90	N/A	N/A	N/A
Shamrock Rd	NC 49	Pharr Mill Rd	Widening	2 lane	3E	90	N/A	Local	Minor Thoroughfare - Needs Improvement
Pharr Mill Rd (SR 1158)	NC 49	Rocky River Rd	Widening	2 lane	3E	90	3C AND 4D	Local	PARTIAL Boulevard and PARTIAL Minor Thoroughfare
Morehead Rd (SR 1300)	Rocky River Crossing Rd	NC 49	Widening	2 lane	3C	80	4D	Minor Arterial	Other Major Thoroughfare - Needs Improvement
NC 49	Caldwell Rd (SR 1173)	Coddle Creek	Widening	4 lane w/ TWLTL	4J	125	4D AND 4B	Other Principal Arterial	Boulevard - Needs Improvement
Plaza Rd Ext	Rocky River Rd	Larewood Dr	Widening	2 lane	3E	90	3C	Local	Minor Thoroughfare - Existing
Hickory Ridge Rd (SR 1138)	Roberta Rd Ext	Raging Ridge Rd	Widening	2 lane	4J	125	4G	Local	Boulevard - Needs Improvement
Hickory Ridge Rd (SR 1138)	Raging Ridge Rd	Lower Rocky River Rd	Widening	2-3 lane	3C	80	N/A	N/A	N/A

THOROUGHFARE INDEX			EXISTING			2019-2020		COMMENTS
ID#	Facility & Segment	From - To	New Location	lanes	Dist (mi)	Cross-Section	ROW (ft)	Multi-Use Corridor
131	ARCHIBALD RD (SR 1153)	Rocky River Rd -- Zion Church Rd		2	1.11	2-A / ADQ		
113	BEARD RD EXT.	Mecklenburg Co -- Christenbury Pkwy	Y	--	0.86	3-C	80	
265	BROOKWOOD AV	Church St -- Burrage Rd		2	1.05	3-C	80	
746	BRUTON SMITH BOULEVARD (SR 2894)	US 29 -- ZMAX Raceway		4	0.60	6-F	130	MB; W/O BIKE LANES
772	BRUTON SMITH BOULEVARD (SR 2894)	ZMAX Raceway -- I-85		5	1.44	6-F	130	MB; W/O BIKE LANES
747	BUFFALO AV	McGill Ave -- Church St		2	0.22	2-G	85	
748	BURRAGE RD	Old Salisbury-Concord Rd -- Brookwood Ave		2	0.94	2-E	60	
749	BURRAGE RD	Brookwood Ave -- NC 3 (Branchview Dr)		2	1.25	2-E	60	
250	BURRAGE RD	NC 3 (Branchview Dr) -- Lake Concord Rd		2	0.55	2-E	60	
752	CABARRUS AV (SR 1002)	US 29 -- US 601		4	0.24	5-A	100	
751	CABARRUS AV (SR 1002)	US 601 -- Old Charlotte Rd		4	0.82	2-J	90	
750	CABARRUS AV (SR 1002)	Old Charlotte Rd -- Kerr St		2	0.51	2-J	90	
753	CABARRUS AV (SR 1002)	Kerr St -- NC 73 (Church St)		2	0.57	2-J	90	
921	CABARRUS AV (SR 1002)	NC 73 (Church St) -- NC 3 (Branchview Dr)		2	0.76	2-J	90	
754, 77, 98	CALDWELL CONNECTOR	Weddington Rd Ext -- US 29	Y	--	2.02	4-D	110	
192	CENTRAL DR NW	NC 73 -- US 29		2	0.28	3-C	80	
1053	CENTRAL DR NW	McGill Ave -- End/Central Dr EXT		2	0.37	2H	75	
1102	CENTRAL DR EXT	Central Dr NW -- Epworth St NW	Y	--	0.18	2H	75	
49	CHESTNUT DR	Lincoln St -- NC 73 (Union St)		2	0.23	2-E	60	
88	CHRISTENBURY PKWY (SR 1447)	Derita Rd (SR 1445) -- Cox Mill Rd (SR 1448)		4	0.39	4-D / ADQ	110	
33	CHRISTENBURY PKWY (SR 1447)	Cox Mill Rd -- Millstream Ridge		2	0.56	4-D	110	MB; W/O BIKE LANES
566	CONCORD MILLS BLVD (SR 2894)	Derita Rd -- I-85		4	1.08	6-F	130	MB; W/O BIKE LANES
245	COPPERFIELD BLVD	I-85 -- NC 3 (Branchview Dr)		5	1.71	5-A / ADQ	100	
256	CORBAN AV	Powder St -- NC 73 (Church St)		2	0.77	2-H	75	
263	COUNTRY CLUB	NC 3 (Branchview Dr) -- US 29 (Concord Pkwy)		2	0.61	3-C	80	
50	COX MILL RD (SR 1448)	Poplar Tent Rd (SR 1394) -- Rocky River		2	1.52	3-C	80	
87	COX MILL RD (SR 1448)	Rocky River -- Christenbury Pkwy (SR 1447)		2	0.75	3-C	80	
243	CRESTMONT DR (SR 2643)	Old Airport Rd (SR 2635) -- NC 73		2	2.00	2-C	50	
86	DERITA RD (SR 1445)	Poplar Tent Rd -- Concord Mills Blvd		2	2.54	4-C	110	W/ SHARROWS
1141	DERITA RD (SR 1445)	Concord Mills Blvd -- Meck. County		2	0.24	4-D	110	MB; W/O BIKE LANES
1007	DICKENS PL EXT	Copperfield Blvd -- Penninger Rd	Y	--	1.77	3-C	80	
1008	GEORGE LILES PKWY	Poplar Tent Rd -- I-85		4	0.58	4-A	180	
176	GEORGE LILES PKWY (SR 1430)	Weddington Rd -- Poplar Tent Rd		4	1.07	4-A / ADQ	180	MA
39	GEORGE LILES PKWY	US 29 (Concord Pkwy) -- Weddington Rd (SR 1431)		4	1.27	4-A	180	
125	GEORGE LILES PKWY (ROBERTA CHURCH RD)	Roberta Rd (SR 1304) -- US 29 (Concord Pkwy)		2	1.70	4-A	180	
72	GEORGE LILES PKWY (STOUGH RD)	NC 49 -- Roberta Rd		2	1.84	4-A	180	MA
32	HARRIS RD (SR 1449)	Meck Co -- Odell School Rd (SR 1442)		2	3.37	4-D	110	
185	INTERNATIONAL DR (SR 1429)	Poplar Tent Rd (SR 1394) -- NC 73 (Davidson Hwy)		2	1.39	2-L	80	
90, 574, 583, 584	INTERSTATE 85	Mecklenburg Co -- NC 73 (Davidson Hwy)		8	6.36	8-B	250	
574, 583, 584, 40, 585	INTERSTATE 85	NC 73 (Davidson Hwy) -- Centergrove Rd (SR 2114)		4	5.29	8-B	250	
864	KANNAPOLIS HWY (SR 1008)	I-85 -- US 29		2	1.16	3-B	80	
	KANNAPOLIS HWY (SR 1008)	I-85 -- Winecoff School Road		2		3-B	80	
254	KERR ST	McGill Ave -- Cabarrus Av (SR 1002)		2	1.00	2-H	75	
841	LAKE CONCORD RD	Burrage Rd -- NC 3 (Branchview Dr)		5	0.65	4-D/ADQ	110	
260	LAKE CONCORD RD	Church St (SR 2287) -- Burrage Rd		4	0.3	5A	110	
762	LINCOLN ST / RUTHERFORD ST	Chestnut Dr -- Wilshire Ave		2	1.40	2-E	60	
165	MCGILL AVENUE	US 29 -- RailRoad		4	0.41	3-C / ADQ	80	MB; SIDEWALK/BIKE LANE ONE SIDE
884	MCGILL AVENUE	Railroad -- Spring St / Buffalo Av		2	0.83	2-E	60	
79, 104	MOREHEAD RD (SR 1300)	Harrisburg City Limits/Patricia Ave -- US 29		3	0.87	4-D	110	
1009	MOREHEAD RD (SR 1300)	US 29 -- Caldwell Rd Ext		2	0.65	4-D	110	
247	NC 3 (BRANCHVIEW DR)	Lake Concord Rd -- Kannapolis City Limits (I-85)		2	0.60	4-D	135	
264	NC 3 (BRANCHVIEW DR)	Bradley St -- Lake Concord Rd		3	0.44	4-D	135	MB; W/O BIKE LANES
669, 670	NC 3 (BRANCHVIEW DR)	Bradley St -- NC 73 (Corban Av SE)		2	3.12	4-D	110	
61	NC 3 (BRANCHVIEW DR)	NC 73 (Corban Av SE) -- Old Airport Rd (SR 2635)		2	2.33	4-A	200	
136	NC 3 (S UNION ST)	US 601 (Warren C. Coleman Blvd) -- Old Airport Rd (SR 2635)		2	0.51	5-A	100	
578	NC 49	Cold Springs Rd -- US 601		4D	3.54	4-B / ADQ	200	
684	NC 49	US 601 -- Zion Church Rd		4D	1.63	4-B / ADQ	200	
638	NC 49	Zion Church Rd -- Old Charlotte Rd		4D	1.22	4-B / ADQ	200	
682	NC 49	Old Charlotte Rd -- George Liles Blvd (Stough Rd)		4D	1.11	4-B / ADQ	200	
680, 681	NC 49	George Liles Blvd (Stough Rd) -- Coddle Creek		4	0.36	4-B / ADQ	200	
261	NC 73 (CHURCH ST)	US 29 -- Davidson Dr		4	0.37	4-D	110	

262	NC 73 (CHURCH ST)	Davidson Dr -- Winecoff Ave		4	0.95	4-D / ADQ	110	
252, 694	NC 73 (CHURCH ST)	Winecoff Ave -- Douglas Av		3	0.38	3-C	80	
259, 695, 696	NC 73 (CHURCH ST)	Douglas Av -- Cabarrus Av		2	0.95	3-C	80	
697	NC 73 (CHURCH ST)	Cabarrus Av -- Corban Av		2	0.17	3-C	80	
253, 698	NC 73 (CORBAN AVE)	Church St -- NC 3		2	0.58	3-C	80	
1135	NC 73 (DAVIDSON DR)	Church St -- US 29		2	0.27	4-D	110	
696, 692, 693	NC 73 (DAVIDSON HWY)	US 29 -- I 85		2	2.81	4-D	135	
699	NC 73 (MT PLEASANT HWY)	NC 3 -- Crestmont Dr		2	1.47	4-F	100	MB; W/O BIKE LANES
902	ODELL SCHOOL RD (SR 1601)	NC 73 -- Poplar Tent Rd		2	2.84	4-D	110	
44	OLD AIRPORT RD (SR 2635)	NC 3 -- Crestmont Dr		2	0.87	3-C	80	
903	OLD AIRPORT RD (SR 2635)	Crestmont Dr -- NC 49		2	2.41	3-C	80	
47	OLD CHARLOTTE RD	Cabarrus Av -- US 601		2	1.10	3-C	80	
913	OLD CHARLOTTE RD (SR 1335, SR 1157)	US 601 -- Roberta Rd		2	0.32	4-D	110	
133	OLD CHARLOTTE RD (SR 1335, SR 1157)	Roberta Rd -- NC 49		2	1.65	4-D	110	
1136	OLD HOLLAND RD	Quay Rd EXT -- Caldwell Connector		2	0.23	3-C	80	
251, 922	OLD SALISBURY-CONCORD RD (SR 1002)	NC 3 -- Penninger Rd		2	1.33	4-B	130	
1133, 1132	PENNINGER RD (SR 2113)	Old Salisbury - Centergrove Rd		2	2	3-C	80	
244	PENNINGER RD (SR 2113)	Centergrove Rd -- Old Salisbury-Concord Rd (SR 1002)		2	0.9	3-C	80	
933, 177	PITTS SCHOOL RD (SR 1305)	Poplar Tent -- US 29		2	2.49	4-D	110	
932	PITTS SCHOOL RD (SR 1305)	Roberta Rd -- US 29		2	2.83	4-D	110	
935	POPLAR TENT RD (SR 1394)	NC 73 -- Derita Rd		2	4.22	4-D	110	MB; W/O BIKE LANES
936, 1139	POPLAR TENT RD (SR 1394)	Derita Rd (SR 1445) -- Woodhaven Place		2	1.54	4-D	110	
937	POPLAR TENT RD (SR 1394)	Woodhaven Place -- George Liles Pkwy (SR 1430)		2	1.35	4-D	110	MB; W/O BIKE LANES
31	POPLAR TENT RD (SR 1394)	George Liles Pkwy -- US 29		2	3.09	4-D	110	MB; W/O BIKE LANES
258	POWDER ST SW	Cabarrus Ave - Corban Ave		2	0.07	3-C	80	
1132	QUAY RD (SR 1446)	Quay Rd Ext -- Carolina Lilly		2	0.88	3-C	80	
1140	QUAY RD EXT.	Quay Rd - Old Holland Rd	Y	--	0.17	3-C	80	
953	ROBERTA RD (SR 1304)	Old Charlotte Rd -- George Liles Pkwy (Roberta Church Rd)		2	2.57	4-D	110	MB; N. Side
952	ROBERTA RD (SR 1304)	George Liles Pkwy (Roberta Church Rd) -- Pitts School Rd		2	1.44	4-D	110	MB; N. Side
189	ROCK HILL CHURCH RD (SR 1414)	Poplar Tent Rd -- Weddington Rd		2	1.19	3-C	80	
188	ROCK HILL CHURCH RD (SR 1414)	Weddington Rd -- US 29		2	0.76	4-D	110	
956	ROCKY RIVER RD (SR 1139)	NC 49 -- Pharr Mill Rd		2	3.91	4-D	110	
46	UNION CEMETERY RD	Old Charlotte -- Sunderland Rd		2	0.78	2-E	60	
139	UNION CEMETERY RD RELOCATION	Sunderland Rd --US 29 (Rock Hill Church Rd Ext Relocation)	Y	--	0.58	2-E	60	
983	UNION ST	Corban Av -- Manor Av		2	1.72	2-E	60	
65	UNION ST	Manor Av -- NC 3		2	0.68	3-C	80	
616	US 29 (CONCORD PKWY)	I-85 S -- Kannapolis Hwy (SR 1008)		4D	0.63	6-F	130	
614	US 29 (CONCORD PKWY)	Kannapolis Hwy (SR 1008) -- Church St (SR 2287)		4D	0.18	6-F	130	
611, 612, 613	US 29 (CONCORD PKWY)	Church St -- Central Av		4D	0.95	6-F	130	MB; W/O BIKE LANES
610	US 29 (CONCORD PKWY)	Central Av -- Poplar Tent Rd		4	0.85	6-F	130	MB; W/O BIKE LANES
609	US 29 (CONCORD PKWY)	Poplar Tent Rd -- US 601		4	1.04	6-F	130	MB; W/O BIKE LANES
607	US 29 (CONCORD PKWY)	US 601 --Cabarrus Av		4	0.45	6-F	130	MB; W/O BIKE LANES
606	US 29 (CONCORD PKWY)	Cabarrus Av -- Rock Hill Church Rd		4	0.28	6-F	130	
605	US 29 (CONCORD PKWY)	Rock Hill Church Rd -- George Liles Pkwy		4	1.92	6-F	130	
604	US 29 (CONCORD PKWY)	George Liles Pkwy -- Pitts School Rd		4	1.43	6-F	130	
603	US 29 (CONCORD PKWY)	Pitts School Rd -- Rocky River		4	1.18	6-F	130	
602	US 29 (CONCORD PKWY)	Rocky River -- Bruton Smith Blvd		6	0.73	6-F	130	
601	US 29 (CONCORD PKWY)	Bruton Smith Blvd -- Morehead Rd		6	0.24	6-F	130	
57, 96	US 29 (CONCORD PKWY)	Morehead Rd -- Mecklenburg Co		6	0.26	6-B	150	
126, 663	US 601 (WARREN COLEMAN BLVD)	NC 3 -- Flowes Store Rd		2	1	4-D	110	MA
64, 665, 666, 664	US 601 (WARREN COLEMAN BLVD)	NC 3 -- US 29		2	4	4-D	110	MA
524	WEDDINGTON RD (SR 1431)	Old Holland Rd -- Bruton Smith Blvd		2	0.42	4-D	110	
526	WEDDINGTON RD (SR 1431)	Bruton Smith Blvd -- Ruben Linker Rd		4	1.20	4-D	110	
45, 987, 525	WEDDINGTON RD (SR 1431)	Ruben Linker Rd -- Rock Hill Ch Rd		2	4.61	4-D	110	MB; W/O BIKE LANES
48	WILSHIRE AVE (SR 1157)	Old Charlotte Rd -- US 601		2	0.94	4-D	110	
996	WILSHIRE AVE (SR 1157)	US 601 -- Union St		2	1.32	4-D	110	
266	WILSHIRE AVE EXT (SR 1157)	Union St -- NC 3	Y	--	0.68	4-D	110	
190	WINECOFF SCHOOL RD (SR 1790)	NC 73 -- I-85		2	0.62	3-C	80	
191	WINECOFF SCHOOL RD (SR 1790)	Linker Ave -- S Ridge Rd		2	0.94	3-C	80	
1001, 1002, 129	ZION CHURCH RD (SR 1482,1155,1153)	NC 49 -- Flowes Store Rd		2	3.75	3-C	80	
132, 539, 1003	ZION CHURCH RD (SR 1482,1155,1153)	Wilshire Ave -- NC 49		2	1.2	3-C	80	
134	ZION CHURCH RD EAST (SR 1153)	Zion Church Rd -- US 601		2	1.62	3-C	80	

COLLECTOR STREET INDEX			EXISTING	2019 - 2020		Comments
ID#	Facility & Segment	From - To	New Location	lanes	Dist	
1039	ARLEE CT	Central Heights Dr -- End / Arlee Ct Ext		2	0.33	Cross-2E ROW 60

1063	ARLEE CT EXT	End / Arlee Ct -- Zion Church Rd (SR 1153)	Y	--	0.48	2E	60
1059	BRAXTON DRIVE	Daffodil Ln (SR 2376) -- Pinev Church Rd (SR 1154)		2	0.29	2H	75
249	BROOKWOOD AV	Harris St -- Church St		2	0.67	3-C	80
1090	BURNING EMBERS LN	Firebrick Ln -- Falls Lake Dr		2	0.42	2H	75
1036	CENTRAL DR NW	NC 73 -- Mills Ave		2	1.06	3C	80
1084	CENTRAL DR NW	US 29 -- McGill Ave		2	0.84	3C	80
1141	CENTRAL HEIGHTS DR	NC 49 - Zion Church Rd		2	1.11	3C	80
1083	CESSNA DR (SR 1443)	Odell School Rd -- Trail Rd		2	0.36	2E	60
1117	CLARK CREEK PKWY (SR 2930)	Ellenwood Rd (SR 1461) -- Mecklenburg County		2	0.95	3C	80
1116	CLOVER RD NW	Pitts School Rd (SR 1305) -- Clearwater Dr		2	0.50	2E	60
1050	COCHRAN ROAD (SR 1306)	Pitts School Rd (SR 1305) --Roberta Rd (SR 1304)		2	0.92	3C	80
1056	CONCORD FARMS RD	Weddington Rd (SR 1431) -- Concord Farms Ext.		2	0.87	3C	80
1096	CONCORD FARMS RD EXT	Concord Farms Rd (SR 1432) -- US 29/Roberta Church Rd	Y	--	0.45	3C	80
1105	COZART AVE SW	Lincoln St -- Georgia St		2	0.18	2H	75
1065	CRESTSIDE DRIVE SE	Branchview Dr (NC 3) -- Corban Ave/Mt Pleasant Hwy (NC 73)		2	0.93	2G	85
1080	DAFFODIL LN (SR 2376)	Braxton Dr -- Scotland Dr		2	0.43	2H	75
1069	DC DRIVE (SR 2320)	Zion Church Rd (SR 1153) -- End / DC Dr Ext		2	0.65	2E	60
1011	DC DRIVE EXT	End / DC Dr -- Braxton Dr	Y	--	0.58	2E	60
1027	DEAL STREET SE	Mt Pleasant Hwy (NC 73) -- Old Salisbury-Concord Rd		2	0.67	2H	75
1010	DRAKE MILL LN	Rocky River Rd(SR 1139) --Greene Mill Ave SW		2	1.15	3C	80
1107	DRAKE MILL LN EXT	Greene Mill Rd -- Flows Store Rd (SR 1132)	Y	--	1.01	3C	80
1073	ELLENWOOD RD (SR 1461)	Harris Rd (SR 1449) -- Clark Creek Pkwy (SR 2930)		2	0.79	3C	80
1078	ELLENWOOD RD EXT / CLARK CREEK PKWY	Aragorn Ln -- Benjamin Walker Ln	Y	--	0.32	3C	80
1103	EPWORTH ST NW	Central Dr Ext -- Liske Ave NW		2	0.25	2H	75
1079	EVA DR NW	Poplar Tent Rd -- Poplar Tent Rd		2	1.60	2E	60
1038	FALCON DR	Zion Church Rd (SR 1152) -- End/Flintridge Dr Ext		2	0.87	2H	75
1142	FALLS LAKE DR	Burning Embers Ln -- Central Heights Dr		2	0.44	2H	75
1094	FARMWOOD BLVD SW	Roberta Rd -- Woodcrest Dr		2	0.19	3C	80
1109	FIREBRICK LN SW	Hearth Ln SW -- Burning Embers Ln		2	0.11	2H	75
1101, 1121, 1113, 1130	FLINTRIDGE DR EXT	Zion Church Rd (SR 1152) -- Flows Store Rd	Y	--	1.45	2H	75
1115	FULTON CT	US 601 -- Manteo Dr Ext		2	0.16	2E	60
1066	GEORGIA ST SW	Corban Ave SW -- Cozart Ave		2	0.98	2H	75
1055	GOODMAN RD (SR 1441)	Poplar Tent Rd (SR 1394) -- Glen Afton Blvd		2	1.14	3-C	80
1086	GREEN STREET SW	Roberta Rd (SR 1304) -- Old Charlotte Rd (SR 1157)		2	0.70	2E	60
1026	HARRIS STREET NW	Brookwood Ave NW -- Morton Ave NW		2	0.92	2H	75
1047	HEARTH LN SW	Rocky River Rd (SR 1139) -- Firebrick Ln		2	0.30	2H	75
1041	HEDGEMORE CT (SR 1433)	Pitts School Rd -- End / Hedgemore Ct Ext		2	0.55	2H	75
1022	HEDGEMORE CT EXT	Hedgemore Ct -- Windswept Rd	Y	--	0.54	2H	75
1125	HEGLAR RD	NC 49 -- Old Airport Rd		2	0.78	3C	80
1075	HIGH MEADOW DR (SR 1274)	Rocky River Rd -- End / High Meadow Dr Ext		2	0.65	2E	60
1070	HIGH MEADOW DR EXT	High Meadow Dr -- Zion Church Rd (SR 1152)	Y	--	0.87	2E	60
1076	JOHN Q HAMMONS DR NW	Bruton Smith Blvd -- Scott Padgett Pkwy		2	0.27	3C	80
1093	KISER WOODS DRIVE SW	Central Heights Dr -- Kendra Dr SW		2	0.23	2H	75
1057	LAUREL VIEW DRIVE NW	George Liles Pkwy -- Sunberry Ln Ext		2	0.28	3C	80
1028	LAWDALE AVE SE	Union St S -- NC 3		2	0.67	2E	60
1104	LISKE AVE NW	Epworth St NW -- White St NW		2	0.18	2H	75
1037	MANOR AVE SW	Union St S -- US 601		2	0.80	3C	80
1114	MANTEO DR	Flows Store Rd -- End/Manteo Dr Ext		2	0.36	2E	60
1012	MANTEO DR EXT	Fulton Ct -- Manteo Dr	Y	--	0.47	2E	60
1111	MILLS AVE NW	Kannapolis Hwy (SR 1008) -- Central Dr		2	0.10	3C	80
1021	MILLSTREAM RIDGE DR	Clark Creek Pkwy -- Christenbury Pkwy		2	0.68	2H	75
1020	MORTON AVE NW	Harris St NW -- Davidson Dr NW		2	0.22	3C	80
1035	MOSS FARM ST EXT	Harris Rd (SR 1449) --Odell School Rd	Y	--	1.51	3C	80
1032	MOSS FARM ST NW	Moss Plantation Ave NW -- Harris Rd (SR 1449)		2	0.55	3C	80
1068	MOSS PLANTATION AVE NW	Ravenscroft Dr -- End/Moss Plantation Ave NW Ext		2	1.42	3C	80
1025	MOSS PLANTATION AVE NW EXT	Moss Plantation Ave NW -- Odell School Rd	Y	--	0.45	3C	80
1085	MOTORSPORTS DR	Stough Rd (SR 1309) -- End / Motorsports Dr Ext		2	0.32	3C	80
1127	MOTORSPORTS DR EXT	Motorsports Dr -- Blackwelder Rd (SR 1307)	Y	--	0.68	3C	80
1017	NEISLER RD (SR 2404)	Gold Hill Rd -- Old Salisbury-Concord Rd		2	1.39	2E	60
1071	NEISLER RD EXT	Old Salisbury-Concord Rd -- Penninger Rd	Y	--	1.47	2E	60
1014	NEISLER RD EXT	Penninger Rd -- Centergrove Rd	Y	--	0.51	2E	60
1042	NEW PROPOSED RD	Zion Church Rd (SR 1153) -- Flows Store Rd (SR 1132)	Y	--	0.86	2H	75
1024	NEW PROPOSED RD	Pitts School Rd SW (SR 1305) -- US 29 (Concord Pkwy)	Y	--	0.24	2H	75
1095	OLD SOUTH CT	Saddlewood Cir -- End / Old South Ct Ext		2	0.07	2H	75
1054	OLD SOUTH CT EXT	Old South Ct -- Union Cemetery Rd	Y	--	1.22	2H	75
1081	OLD SPEEDWAY DRIVE NW	Montgrove Place NW -- Poplar Tent Road		2	0.79	2H	75
1124	PERRY ST	Pitts School Rd NW (SR 1305) -- US 29 (Concord Pkwy)		2	0.28	2H	75
1082	PINEY CHURCH RD	Zion Church Rd (SR 1153) -- Flows Store Rd (SR 1132)		2	2.29	2H	75
1033	POPLAR CROSSING DR NW	Poplar Tent Rd -- George Liles Pkwy		2	0.52	3C	80

1122	RED TIP DR SE	Crestmont Dr (SR 2643) -- End		2	0.16	2H	75
1034	RED TIP RD EXT	Red Tip Dr -- Pleasant Hill Dr	Y	--		2E	60
1087	ROBINS WAY SW	US 29 (Concord Pkwy) -- Pitts School Rd NW (SR 1305)		2	0.33	2H	75
1100	SADDLEWOOD CIR SW	Woodcrest Dr SW -- Old South CT		2	0.13	3C	80
1061	SCOTT PADGETT PKWY NW	Bruton Smith Blvd -- John Q Hammons Dr NW		2	0.12	3C	80
1051	SCOTTLAND DR (SR 2910)	Daffodil Ln -- Piney Church Rd		2	0.17	2H	75
1112	SPRING ST NW	Brookwood Ave NW -- Old Salisbury-Concord		2	1.08	2H	75
1058	SPRING ST SW	Old Salisbury-Concord -- Wilshire Ave		2	1.24	2H	75
1044	STOWE LN EXT	Bruton-Smith Blvd -- Caldwell Connector	Y	--	0.17	3-C	80
1092, 1098	SUNBERRY LN EXT	Laurel View Dr NW -- Weddington Rd (SR 1431)	Y	--	0.33	3C	80
1110	TRAIL RD	Cessna Dr (SR 1443) -- End / Trail Rd Ext		2	0.40	2E	60
1089	TRAIL RD EXT	Trail Rd -- Goodman Rd	Y	--	0.66	2E	60
144	TRANSIT CT	US 29 -- End		2	0.25	2E	40-95
1015	TRIBECK	US 29 -- Pitts School Rd (SR 1305)	Y	--	1.05	2H	75
1040	UNION CEMETERY ROAD SW	Old Charlotte Rd -- Wilshire Ave SW		2	0.48	2H	75
1016	UNION ST N	Buffalo Ave -- Corban Ave		2	0.68	2G	85
1045	VILLAGE COMMONS ST NW	NC 73 -- Moss Plantation Ave NW		2	0.35	3C	80
1067	WHIPPOORWILL LN (SR 3010)	Falcon Dr -- End / Whippoorwill Ln Ext		2	0.23	2H	75
1064	WHIPPOORWILL LN EXT	Whippoorwill Ln -- Flowes Store Rd	Y	--	0.26	2H	75
1123	WHITE ST NW	Liske Ave -- Cabarrus Ave W		2	0.52	2H	75
1031	WINDSWEEP RD NW	George W Liles -- End/Hedgemore Ct Ext		2	0.38	2H	75
1108	WOODCREST DR SW	Farmwood Blvd SW -- Saddlewood Cir SW		2	0.09	3C	80

HWY CTP Map Updates 2021:

-Removed the following:

- Benjamin Walker Ln Extension from Cox Mill to Clark Creek Pkwy (Wilburn Park Ln, Aragorn Ln, Benjamin Walker Ln)
- Kendra Dr Ext from Hearthwood Subdivision to Kiser Woods (Kendra Dr to Burning Embers Ln)
- Proposed grade separation at Winecoff School Rd/Kannapolis Hwy

-Added the following Collector roads:

- Central Heights Dr (NC 49 – Zion Church Rd)
 - 3C cross section

-Realigned the following roads:

- Winecoff School Rd
- Realigned Collector route through Hearthwood and Parkview Estates Subdivision to include Falls Lake Dr

-Completed:

- Kannapolis Highway from US-29 to I-85

-Changed Cross Section:

- Lake Concord Rd from Church St to Burrage Rd
 - Changed to 5A due to area unable to accommodate 4D cross section

Pedestrian/Bike CTP Map Update 2021:

- Updated Greenways to reflect new Riverwalk Greenway as existing
- Added Carolina Thread Trail as a background layer and any other regional trail systems.
- Added MB designation to Roberta Road

Transit CTP Map Update 2021: New page!

Cabarrus-Rowan MPO

After further discussion and review, upon a motion of _____, seconded by _____ and, upon being put to a vote, was carried _____, the Transportation Advisory Committee approved the following resolution:

***Resolution
Amending the Comprehensive Transportation Plan
For the Cabarrus-Rowan MPO***

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

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

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

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

NOW THEREFORE, BE IT RESOLVED: that the Cabarrus-Rowan MPO Comprehensive Transportation Plan as shown on a map dated October 27, 2021, be approved and amended as a guide in the development of the transportation system in the MPO and the same is hereby recommended to the North Carolina Department of Transportation for its subsequent adoption.

ADOPTED, this the 27th day of October 2021.

I, Lori Furr, hereby certify that the foregoing is a true and correct copy of a resolution adopted in an adjourned meeting of said MPO held on October 27, 2021. WITNESS my hand and official seal this the 27th day of October, 2021.

Signature of the TAC Chair
Cabarrus-Rowan Transportation Advisory Committee

RESOLUTION ADOPTING AMENDMENT #5 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 amend it;

WHEREAS, the following attached amendment 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 2045, 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 amendment 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 amended as listed above on this the 27th day of October, 2021.

I, Lori Furr, Transportation Advisory Committee Chair, do hereby certify that the above is a true and correct copy of the excerpt from the minutes of a meeting of the Cabarrus-Rowan Transportation Advisory Committee, duly held on the 27th day of October 2021.

Lori Furr, Chair
Transportation Advisory Committee

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

CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION

STIP ADDITIONS

* HL-0049	- CABARRUS-ROWAN URBAN AREA	BRENNER AVENUE, US 70 / US 601 (JAKE ALEXANDER	ENGINEERING	FY 2022 -	\$145,000	(BGDACV)
ROWAN	METROPOLITAN PLANNING ORGANIZATION	BOULEVARD) TO MILFORD HILLS ROAD IN		FY 2022 -	\$36,000	(L)
PROJ.CATEGORY		SALISBURY. CONSTRUCT MEDIAN; CONSTRUCT	RIGHT-OF-WAY	FY 2023 -	\$11,000	(BGDACV)
DIVISION		ROUNDBOUT AT MILFORD HILLS ROAD.		FY 2023 -	\$3,000	(L)
		<u>ADD COVID RELIEF PROJECT AT THE REQUEST OF</u>	CONSTRUCTION	FY 2023 -	\$664,000	(BGDACV)
		<u>THE MPO.</u>		FY 2023 -	\$166,000	(L)
					<u>\$1,025,000</u>	
* TC-0023	- CABARRUS-ROWAN URBAN AREA	REPLACE FOUR TRANSIT BUSES THAT HAVE	CAPITAL	2022	\$120,000	(L)
ROWAN	METROPOLITAN PLANNING ORGANIZATION	EXCEEDED THEIR USEFUL LIFE, AND REPLACE		2022	\$640,000	(5339b)
PROJ.CATEGORY		VEHICLE RELATED EQUIPMENT SUCH AS FARE		2023	\$120,000	(L)
PUBLIC TRANS		BOXES, DESTINATION SIGNS, CAMERA SYSTEMS, AND		2023	\$640,000	(5339b)
		AUTOMATED VOICE ANNUNCIATION SYSTEMS.		2024	\$120,000	(L)
		<u>ADD PROJECT AT THE REQUEST OF THE MPO.</u>		2024	\$640,000	(5339b)
				2025	\$120,000	(L)
				2025	\$640,000	(5339b)
				2026	\$120,000	(L)
				2026	\$640,000	(5339b)
					<u>\$3,800,000</u>	
* TL-0021	- CABARRUS-ROWAN URBAN AREA	CONCORD, PURCHASE NEW 35 FOOT HYBRID	CONSTRUCTION	FY 2022 -	\$602,000	(BGDACV)
CABARRUS	METROPOLITAN PLANNING ORGANIZATION	ELECTRIC HEAVY DUTY LOW FLOOR BUS		FY 2022 -	\$123,000	(L)
PROJ.CATEGORY		<u>ADD COVID RELIEF PROJECT AT THE REQUEST OF</u>				
DIVISION		<u>THE MPO.</u>			\$725,000	

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2020-2029 STIP
HIGHWAY PROGRAM

CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION

STIP ADDITIONS

* BL-0043	- CABARRUS-ROWAN URBAN AREA	NORTH WASHINGTON STREET, PARK DRIVE TO NC 73	ENGINEERING	FY 2022 -	\$92,000	(CMAQ)
CABARRUS	METROPOLITAN PLANNING ORGANIZATION	(EAST FRANKLIN STREET). CONSTRUCT SIDEWALK,		FY 2022 -	\$23,000	(L)
PROJ.CATEGORY		CURB AND GUTTER AND WIDEN TO 12 FOOT SHARED	CONSTRUCTION	FY 2022 -	\$419,000	(CMAQ)
EXEMPT		TRAVEL LANES WITH BIKE SHARROWS.		FY 2022 -	\$105,000	(L)
		<u>ADD PROJECT AT THE REQUEST OF THE MPO.</u>			\$639,000	

STIP MODIFICATIONS

HS-2009D	- CABARRUS-ROWAN URBAN AREA	SR 1007 (JAKE ALEXANDER BOULEVARD), SR 1007	RIGHT-OF-WAY	FY 2022 -	\$110,000	(HSIP)
ROWAN	METROPOLITAN PLANNING ORGANIZATION	(JAKE ALEXANDER BOULEVARD) AT MORLAN PARK	UTILITIES	FY 2022 -	\$40,000	(HSIP)
PROJ.CATEGORY		ROAD. INSTALL CONCRETE CHANNELIZATION AND	CONSTRUCTION	FY 2023 -	\$350,000	(HSIP)
DIVISION		LEFT-OVER WITH U-TURN BULB EAST OF MORLAN			\$500,000	
		PARK ROAD.				
		<u>ADD PROJECT SEGMENT D AT THE REQUEST OF THE</u>				
		<u>TRANSPORTATION MOBILITY AND SAFETY DIVISION.</u>				

P-5726	- CABARRUS-ROWAN URBAN AREA	NORFOLK SOUTHERN, NS MAINLINE IN ROWAN	CONSTRUCTION	FY 2024 -	\$780,000	(O)
ROWAN	METROPOLITAN PLANNING ORGANIZATION	COUNTY. CONSTRUCT TRACK IMPROVEMENTS,		FY 2024 -	\$4,000,000	(T)
PROJ.CATEGORY		SECOND PLATFORM, PEDESTRIAN UNDERPASS,		FY 2025 -	\$5,000,000	(T)
REGIONAL		SITWORK, RETAINING WALL AND SIGNAL EQUIPMENT.		FY 2026 -	\$5,320,000	(T)
		<u>TO ALLOW ADDITIONAL TIME FOR RAILROAD WORK,</u>			\$15,100,000	
		<u>DELAY CONSTRUCTION FROM FY 22 TO FY 24.</u>				

* INDICATES FEDERAL AMENDMENT

2050 Transportation Plan Congestion Management Process

***Transportation Advisory Committee
October 27, 2021***



Phil Conrad
Cabarrus-Rowan MPO

The Metropolitan Transportation Plan?

- The MTP is a multi-modal plan that has the following components:
- At least a 20 year horizon
- Financially constrained
- Meet Federal Air Quality standards
- Includes a Congestion Management Process or CMP (c. 2004)

What is the Congestion Management Process (CMP)?

- Systematic approach for managing congestion
- Provides up-to-date information on transportation system performance related to congestion
- Assess alternative strategies for managing congestion to address the system's needs
- Federally mandated process for TMA's, but approach/implementation is flexible
- Updated concurrent with the MTP Update

The Do's and Do Nots

- CMP defines congestion for MPO area
- CMP identifies strategies to manage congestion
- CMP strategies are considered prior to additional capacity or widening

- CMP does not identify every corridor
- CMP does not reward every corridor or penalize corridors not selected
- CMP is not connected to federal or state formula funds

The First CMP - 2004

- *Background*

- ▶ Dates back to the 2030 MTP Update
- Included 11 corridors initially with data from the MRM as available
- Top 7 were ranked and peak hour level of service was defined using the MRM
- Identified goals and objectives as well as the process steps

2004 CMP Strategies

- Concord Express Service
- Incident Management Assistance Program – I-85
- Dynamic Message Signs – I-85
- NCDOT's Traveler Information Management System
- CATS vanpool
- Salisbury Transit System
- CK Rider Transit System
- NCDOT and City of Salisbury Traffic Cameras
- Traffic Signal Coordination – City of Concord and City of Salisbury

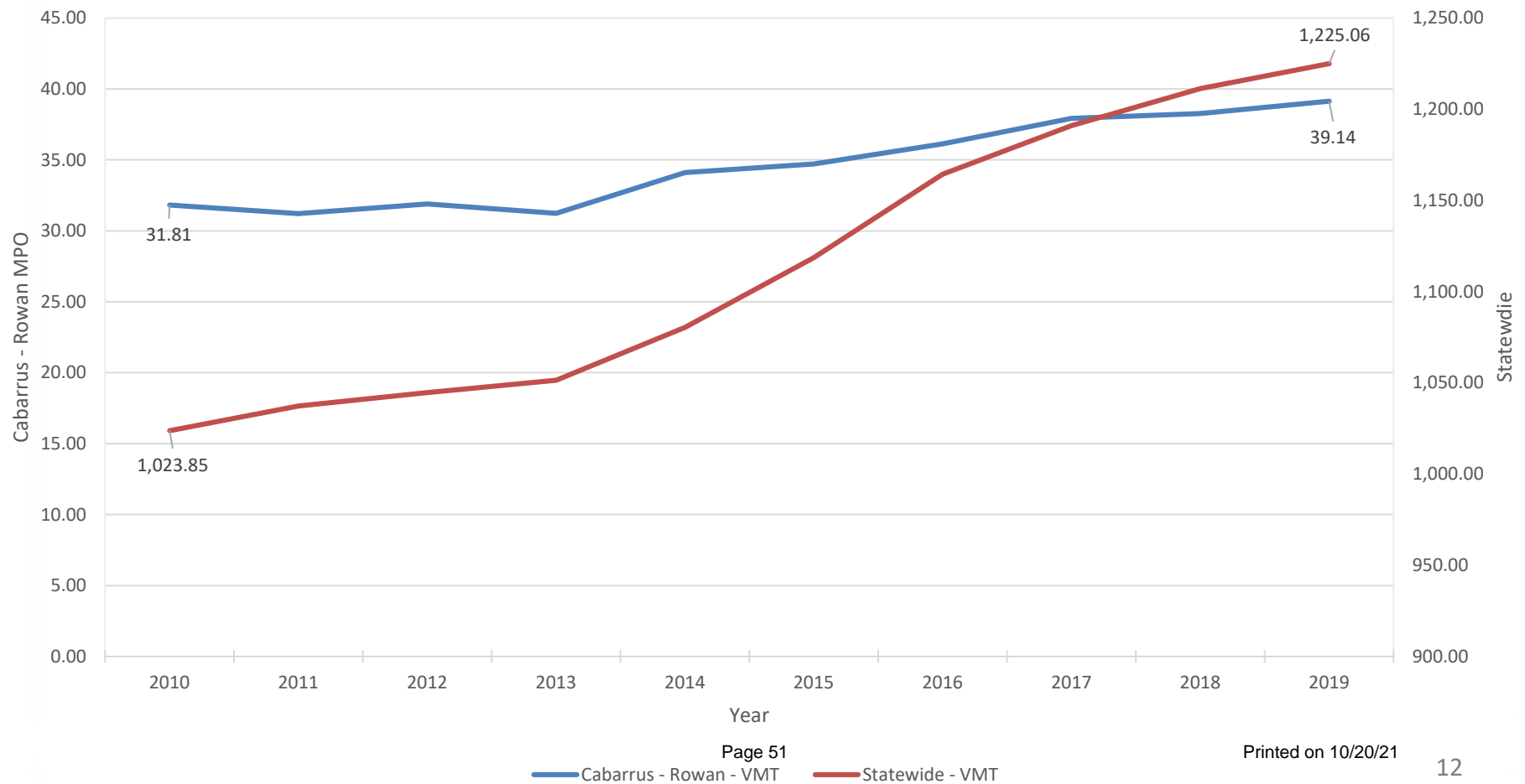
Short Term Recommendations: Sample

- Opening of rail station in Kannapolis for high speed rail
- Shuttle service to Lowe's Motor Speedway
- CMAQ intersection improvements: NC 3 and Mt. Olivet; Poplar Tent and US 29; US 601 and NC 3
- Free transit service during race weeks and LMS
- Salisbury Traffic Signal System Upgrade
- Free service during ozone action days for Salisbury Transit System
- Weekend service CK Rider Transit System
- Express transit service between Salisbury and Kannapolis

Goals and Performance Metrics

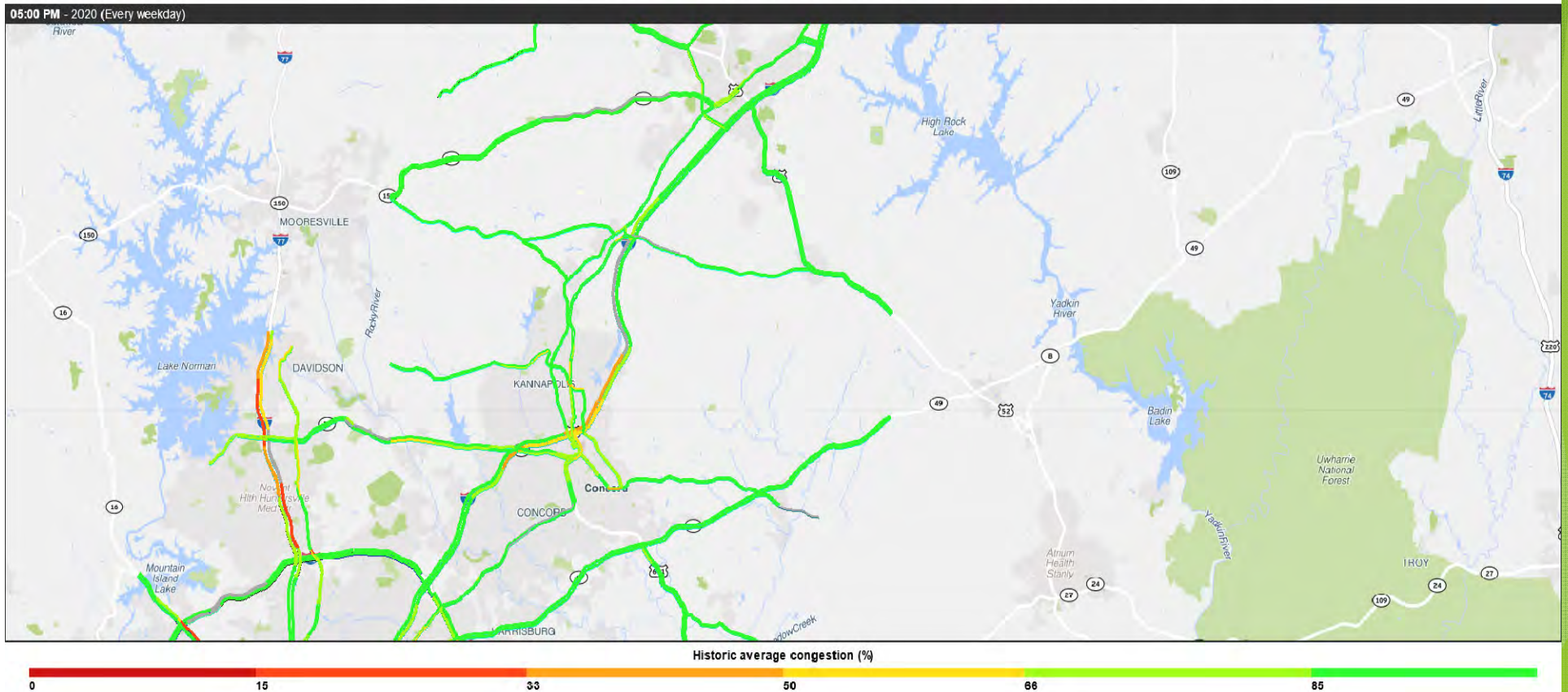
- Goal: Manage Congestion
- Objective: Develop congestion management metrics ie MRM, crash, and HERE data
- Evaluate full range of congestion management strategies
- Apply strategies where appropriate

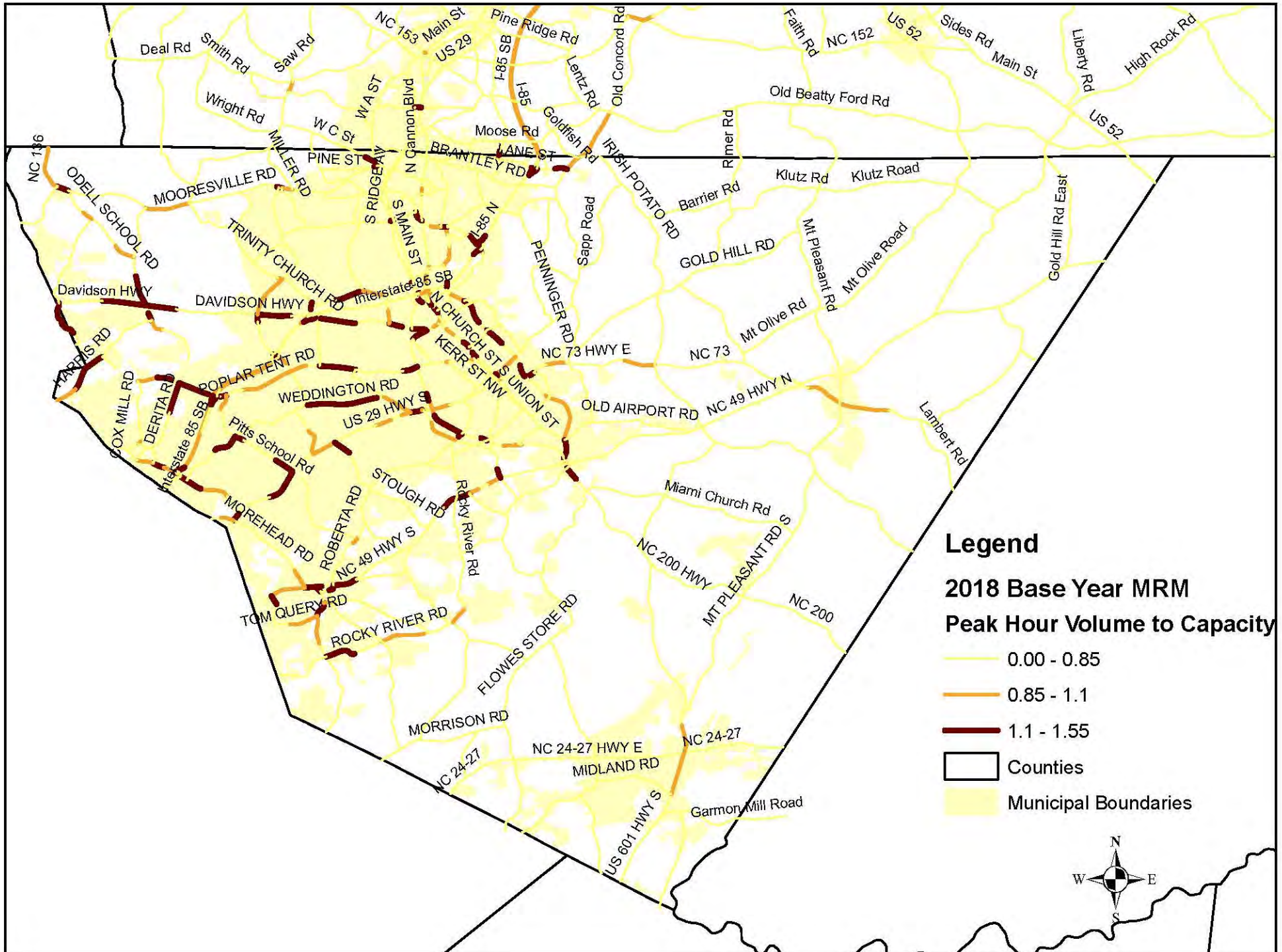
Vehicle Miles Traveled (100 MVM) by Year 2010 - 2019

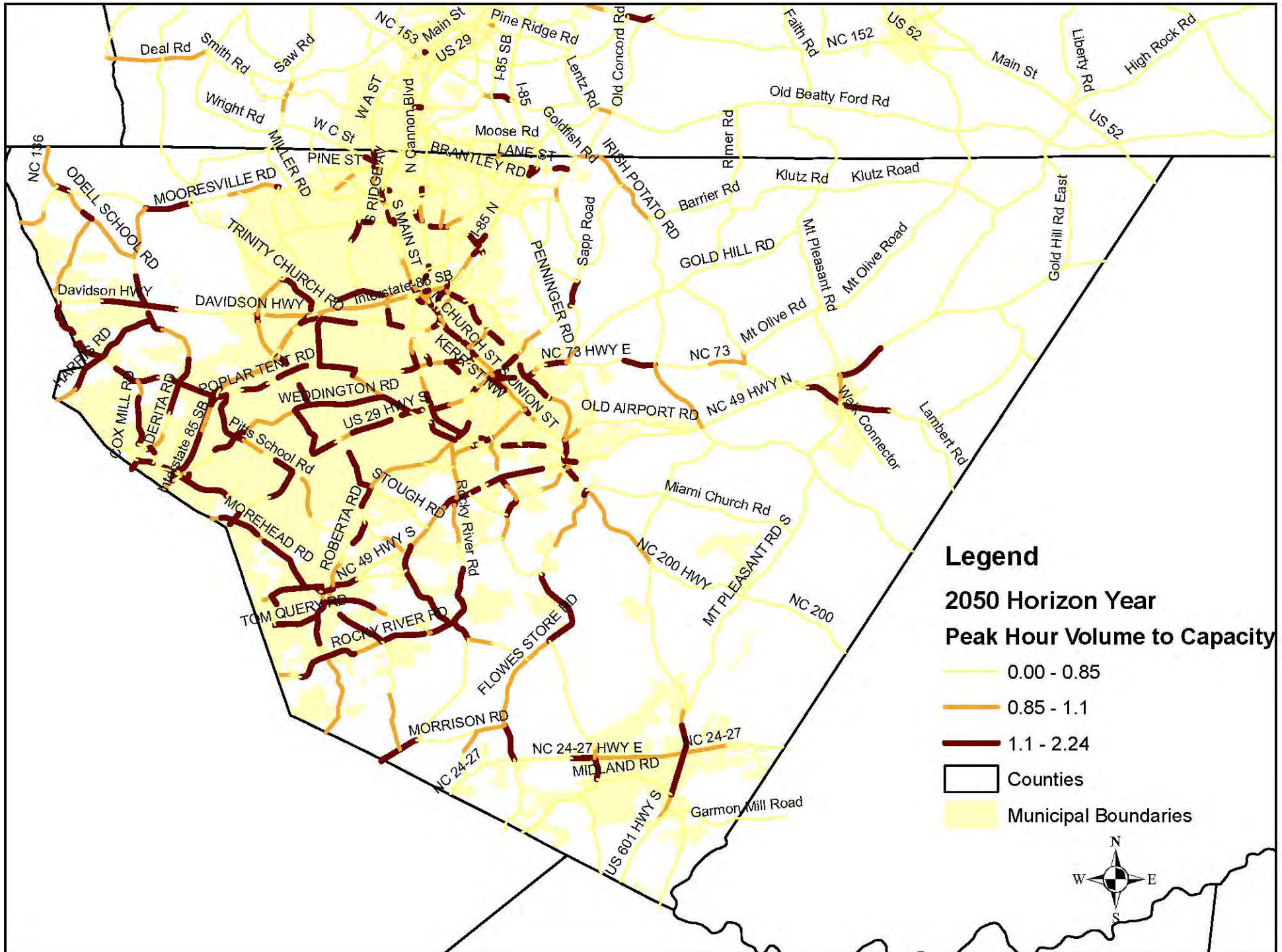


HERE Historical Data for 2020: Major

Interstates, US routes, and state routes in 3 counties in North Carolina (1188 TMC segments) Historic average congestion Trend Map for 2020 (Every weekday)







Legend

2018 Base Year MRM Peak Hour Volume to Capacity

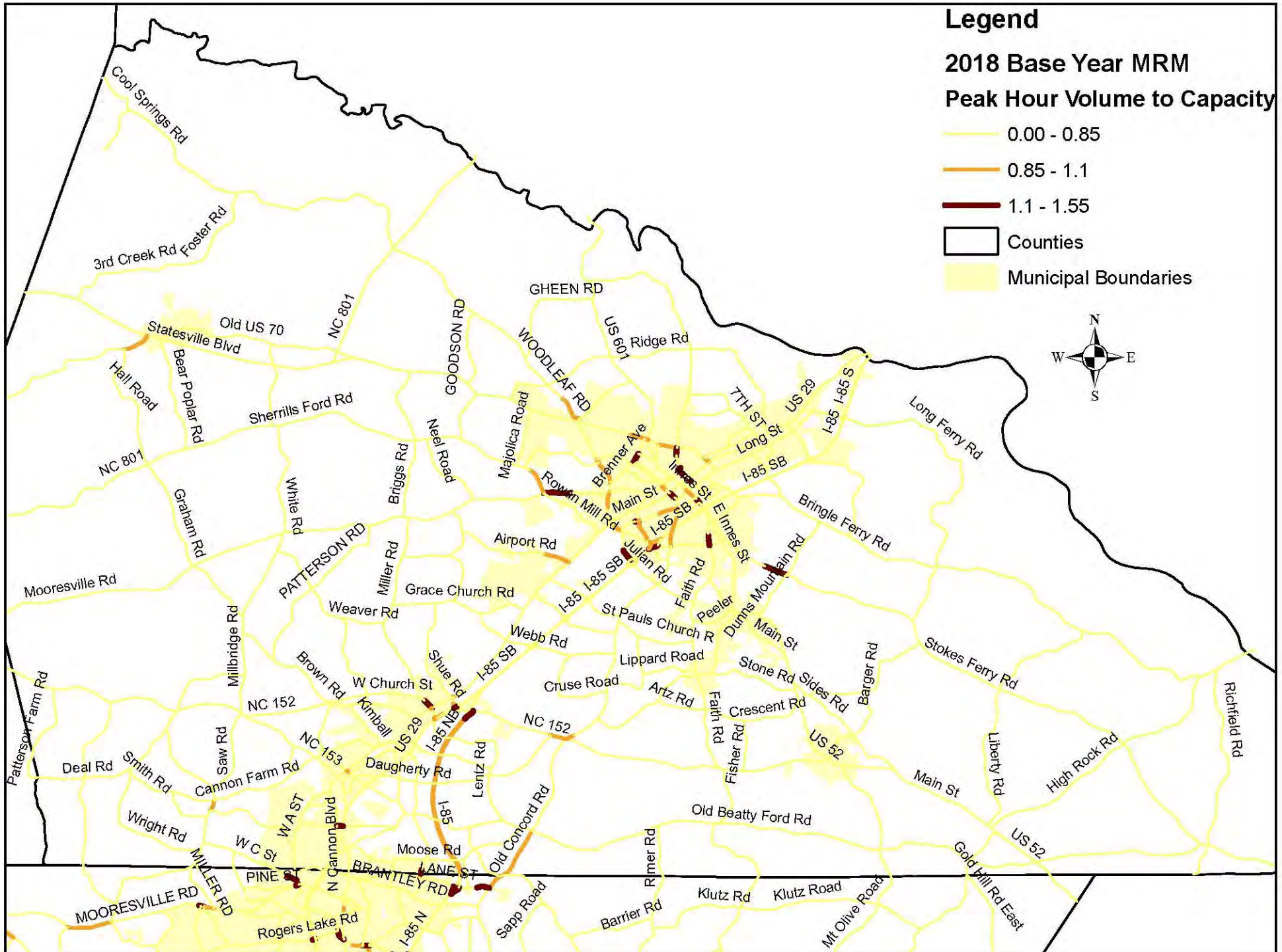
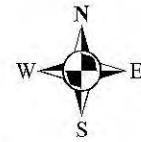
0.00 - 0.85

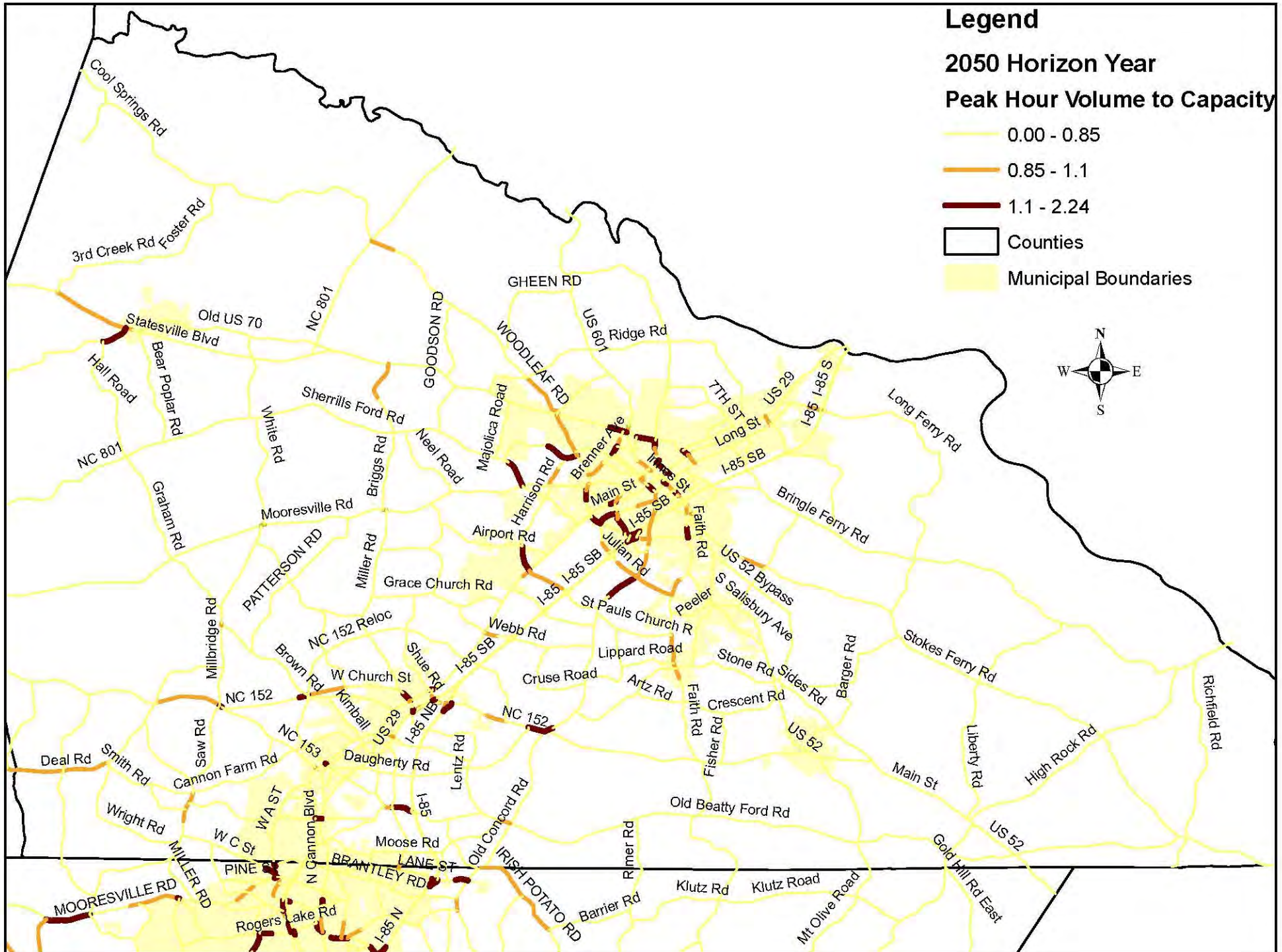
0.85 - 1.1

1.1 - 1.55

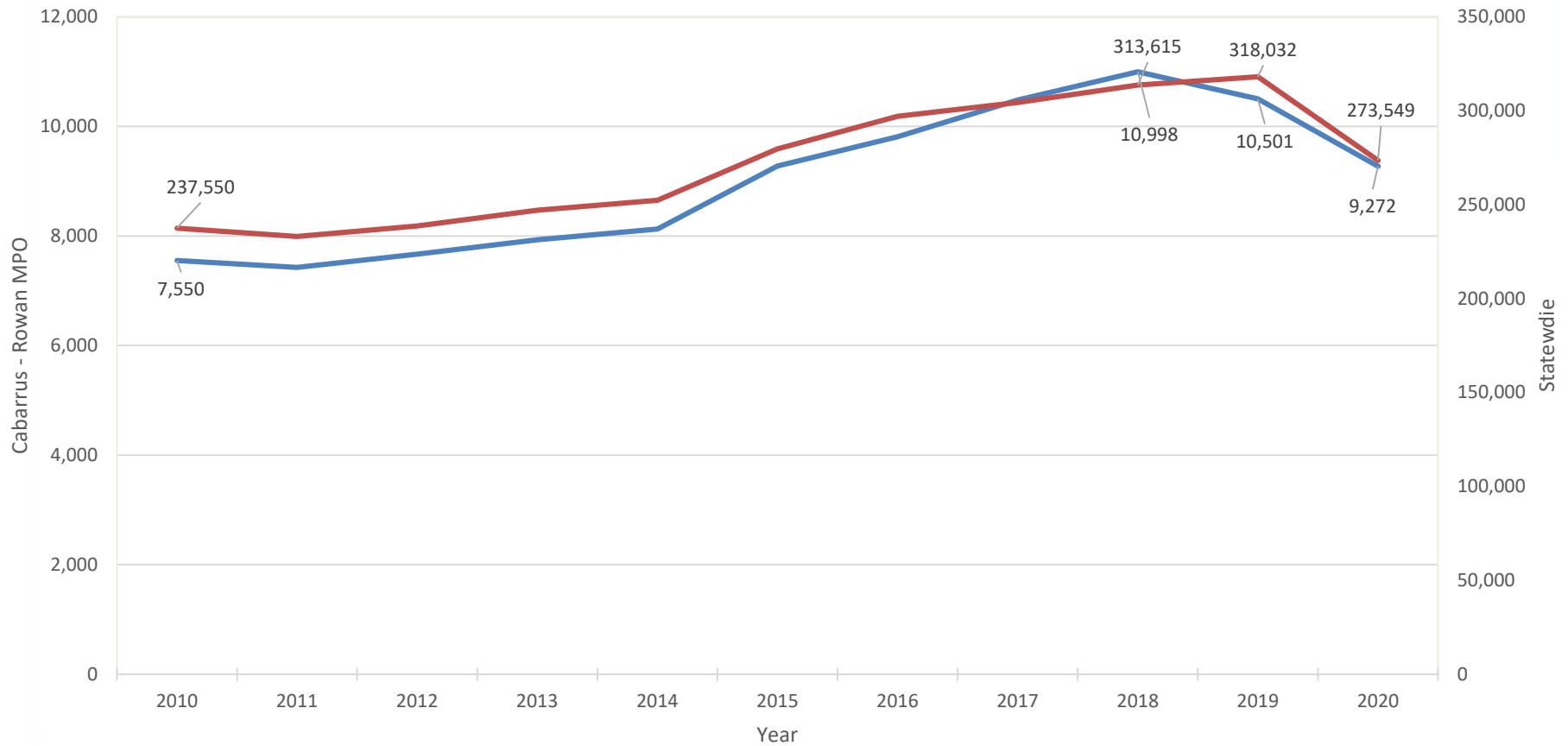
Counties

Municipal Boundaries





Total Crashes by Year 2010 - 2020



County	Total Crashes	Fatal Crashes	Serious Injury Crashes
Cabarrus	58,453	201	424
Rowan	40,583	228	467
Total	99,036	429	891

Municipality	Total Crashes	Fatal Crashes	Serious Injury Crashes
CHINA GROVE	1,179	2	12
CLEVELAND	201	1	2
CONCORD	30,681	68	176
EAST SPENCER	96	2	1
ENOCHVILLE	41	0	0
FAITH	103	0	1
GOLD HILL	24	0	0
GRANITE QUARRY	471	3	0
HARRISBURG	3,069	9	10
KANNAPOLIS	11,025	64	162
LANDIS	500	8	22
LOCUST	382	2	2
MIDLAND	929	7	5
MOUNT PLEASANT	431	0	1
ROCKWELL	583	0	1
SALISBURY	15,244	53	71
SPENCER	324	2	7
Rural	33,753	208	418
Total	99,036	429	891

Table 8-2 List of Congested Corridors in the MPO area

#8 (10/27/21)

Location_Description	Begin_MP	End_MP	Length	Total Crashes	Injury Crashes	AADT	Total Crash Rate	2045 Peak Hour V/C Ratio - MRM	2045 Peak Hour - LOS
US Hwy 601 from Miami Church Road to NC Hwy 49	12.61	13.54	0.93	60	19	22,000	160.69	0.48	B
I-85 from Concord Mills Blvd. To Rowan Co. Line	0.53	14.134	13.604	2,584	693	72,000	144.55	0.88	D
Cannon Blvd. From Concord City Limits to Rowan Co. Line	10.14	14.01	3.87	556	198	25,400	309.93	0.45	B
Hwy 73 from Trinity Church Rd West to the City Limits	4.35	6.01	1.66	111	40	17,000	215.53	0.50	B
Branchview Dr. from Corban Ave N. to City Limits at I-85	2.9	6.485	3.585	336	114	19,400	264.72	0.50	B
Cabarrus Ave. W from US Hwy 601 to US Hwy 29	9.303	9.563	0.26	96	29	12,500	1618.55	0.48	B
So.Main St. from Dale Earnhardt Blvd So.to City Limits	0.81	3.68	2.87	167	73	12,200	261.34	0.45	B
Dale Earnhardt Blvd. From Main St. to Cannon Blvd.	8.638	10.07	1.432	188	64	17,000	423.16	0.44	B
Country Club Dr. NE from US Hwy 29 to Branchview Dr.	0	0.61	0.61	58	13	8,200	635.36	0.46	B
Brookwood Ave. NE from Church St. N to Branchview Dr.	0.66	1.35	0.69	27	10	4,400	487.30	0.49	B
Cochran Rd. from Roberta Rd. to Pitts School Rd.	0	0.92	0.92	4	1	2,300	103.58		

QUESTIONS ?



Cabarrus-Rowan MPO
Transportation Update
October 6, 2021

TIP / WBS No.	Description	Let Date	Completion Date	Status	Construction Cost	Contractor	Project Administrator	Comments
PROJECTS UNDER CONSTRUCTION								
I-5858 53061.3.GV1 (C204244)	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 Oct. 1, 2021	79% Complete	\$19,914,202	Blythe Development Co.	Jeb Smith, PE (704)630-3220	Contractor is working on sawing and sealing joints. Anticipated completion date is December 15th, 2021.
R-5789F 44919.3.7 R-5789G 44919.3.8 (DI00235)	ADA Ramps at Various Locations in Davidson, Davie, Forsyth and Rowan Counties	March 1, 2021	March 31, 2022	20% Complete	\$2,524,367	Little Mountain Builders of Catawba County, Inc	Kelly Seitz, PE (704)630-3200	Little Mountain Builders began work April 19, 2021, in Lexington upgrading various wheelchair ramps and sidewalks to new ADA standards. Contractor completed all 156 locations in Lexington on 8/6/21. Crews are currently working in Salisbury where they have completed 89 of the 206 locations. LMB plans to be finished in Salisbury around the first of November. A second crew begin working September 27, 2021, in Kernersville. There are a total of 67 ramps to replace.
2021CPT.09.07.10801 2021CPT.09.08.20801 (DI00240)	Contract resurfacing of (5) Primary Routes and (4) Secondary Routes in Rowan County, totaling 17.103 miles.	December 9, 2020	November 15, 2021	80% Complete	\$3,452,110	J.T. Russell & Sons, Inc.	Kelly Seitz, PE (704)630-3200	JT Russell has completed paving of US-70 from (Kepley Rd to Hilderbran Rd), US 52 from (Kerns Rd to Crescent Rd), Long Ferry Rd from (US-29 to Hinkle Lane), Neel Rd, and Woodleaf Rd from (US 601 to Gheen Rd). Crews are currently paving Main St (Lafayette St to Chestnut St) with expected completion of paving by October 9, 2021. Innes St (Fulton to RrX Bridge), will be the remaining road that follows. Sub-contractors are working on pavement markings behind JTR. Project completion date is November 15, 2021.
17BP.9.R.75	Replace Bridge #64 over Beaverdam Creek on SR 1952 (Godbey Rd) in Rowan County	June 1, 2021	TBD	11% Complete	\$814,269	Smith-Rowe	Jeb Smith, PE (336)630-3220	A preconstruction conference was held on 5/25/21 @11:00 am and the availability date is 6/1/21. Availability expected to be delayed due to delays in delivery of box beams. Smith-Rowe anticipates closing the road on July 12, 2021.
17BP.9.R.87 DI00226	Replace Bridge #255 over Grant's Creek on SR 1503 (Grace Church Rd) in Rowan County	March 24, 2021	Sept.30, 2021 (except perm vegetation)	58% Complete	\$547,805	NJR Group, Inc.	Kelly Seitz, PE (704)630-3200	NJR is the contractor for the Replacement of the Bridge over Grant's Creek. Grace Church Road was closed on June 15, 2021, with Detour route of Shoe Rd to US 29 North. Contractor has built the new structure, cored slabs were set August 4, and approach slab has been poured. Currently crews are grading for the new roadway, with asphalt paving scheduled for September 30. Guardrail, seeding, and final punch list work will be ongoing the week of October 4, 2021. Project expected completion date is October 11, 2021.
17BP.9.R.58	Replace Bridge #261 over Fork of Grant's Creek on SR 1541 (Stirewalt Rd) in Rowan County	September 22, 2021	TBD	13% Complete	\$591,333	Eastern Structures, LLC	Daniel Dagenhart (336)747-7800	
PROJECTS UNDER DEVELOPMENT								
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	TBD	Project is Advertised for Bids	\$48,600,000	TBD	Kevin Fischer, PE (919)707-6514	Planning/Design in Progress. This project has been removed from the STIP; to be completed under the State Bridge Program. Federal Energy Regulatory Commission (FERC) permitt received.
B-5772 45728.3.1	Replace Bridge #66 over Norfolk Southern RR on SR 1724 (Hurley School Rd) in Rowan County	June 21, 2022	TBD	ROW Acquisition in progress	\$1,950,000	TBD	Kevin Fischer, PE (919)707-6514	*Schedule based on Adjusted 2020-2029 STIP. Design in Progress.
P-5726 47604.3.1 (C204343)	NS Main - Construct Track Improvements, Second Platform, Pedestrian Underpass, Sitework, Retaining Wall, and Signalling Equipment	March 15, 2022	TBD	ROW Acquisition in progress	\$15,100,000	TBD	Matthew Simmons, PE (919)707-4117	* Schedule based on Adjusted 2020-2029 STIP - Raleigh Let

Cabarrus-Rowan MPO
Transportation Update
October 6, 2021

TIP / WBS No.	Description	Let Date	Completion Date	Status	Construction Cost	Contractor	Project Administrator	Comments
PROJECTS UNDER DEVELOPMENT								
P-5733 47612.3.1	NS Main - Rowan County - Upgrade Station Building, expand waiting space and surface parking	July 15, 2025	TBD	ROW Acquisition July 16, 2024	\$2,370,000	TBD	Matthew Simmons, PE (919)707-4117	*The PE work for this project has been temporarily suspended.*
R-5860 47548.3.1	Widen to multilanes - US 52 Rowan County Proposed Misenheimer Bypass to Proposed Rockwell Bypass (4.6 miles)	Post Year Jan., 2040	TBD	ROW Acquisition Jan. 21, 2028	\$39,320,000	TBD	Matt Jones, PE (336)747-7800	DDRL *The PE work for this project has been temporarily suspended.*
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	TBD	Utility Relocation in Progress	\$14,000,000	TBD	Matt Jones, PE (336)747-7800	DDRL - Raleigh Let - Design is in progress - Team is currently working to finalize all plans for advertisement. Division will be finalizing municipal agreement for the sidewalk in October.
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	Post Year Jan., 2040	TBD	ROW Acquisition Jan. 21, 2028	\$39,500,000	TBD	Matt Jones, PE (336)747-7800	DDRL - Raleigh Let. *The PE work for this project has been temporarily suspended.*
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	Post Year Jan., 2040	TBD	ROW Acquisition June 15, 2029	\$28,400,000	TBD	Matt Jones, PE (336)747-7800	DDRL - *The PE work for this project has been temporarily suspended.*
U-6130 48321.3.1	Construct ramp and intersection improvements on US 29 at NC 152 in China Grove	August 18, 2026	TBD	ROW Acquisition Aug. 30, 2024	\$2,000,000	TBD	Matt Jones, 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	September 28, 2022	TBD	ROW Acquisition in progress	\$700,000	TBD	Matt Jones, PE (336)747-7800	*Schedule based on Adjusted 2020-2029 STIP - Division POC Let (DPOC) -ON HOLD
Y-5500IA 45533.3.4	SR 1526 (Henderson Grove Church Rd) RR Crossing #724 362M Closure	March 23, 2022	TBD	ROW Acquisition in progress	\$2,950,000	TBD	Kumar Trivedi, PE (919)707-4109	Division POC (DPOC) - All work on the project has resumed. Right of Way Acquisition has just restarted. The Let date shown will be reviewed once R/W agents can determine timeline to acquire the needed parcels and to allow time for any utility relocations.
Z-5800IA 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	TBD	TBA	\$25,000	TBD	Nancy Horne, PE (919)707-4105	NEW - install active warning devices - in development
Z-5800IB 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	TBD	TBA	\$30,000	TBD	Nancy Horne, PE (919)707-4105	NEW - install active warning devices - in development
47797	Construct turn lanes on SR 2528 (Heilig Rd) at SR 1006 (Faith Rd) to improve safety and congestion	April, 2022 (State Forces)	TBD	ROW Acquisition in progress	\$462,500	State Forces	Matt Jones, PE (336)747-7800	High Impact Low Cost (HILC) project - On hold pending approved state budget
48921	Construct right turn lane on SR 1210 (Old Beatty Ford Rd) at US 29.	July 26, 2022	TBD	TBA	\$361,000	State Forces	Matt Jones, PE (336)747-7800	High Impact Low Cost (HILC) project - On hold pending approved state budget - Let date will be evaluated once project is approved for PE Expenditures
DIVISION BRIDGE PROJECTS UNDER DEVELOPMENT								
15BPR.74	Bridge Rehabilitation - Bridge #137 and #465 on I-85 over Yadkin River.	April 15, 2025	TBD	TBA	\$4,200,000	TBD	Keith Paschal, PE	New - In development
17BP.9.R.76	Replace Bridge #81 over Deals Creek on SR 1926 (Hannah's Ferry Rd) in Rowan County	June 15, 2022	TBD	ROW Acquisition Jan. 11, 2022	\$750,000	TBD	Daniel Dagenhart (336)747-7800	Planning and Design underway - working on 90% plans.
17BP.9.R.80	Replace Bridge #155 over Second Creek on SR 2136 (Agner Rd) in Rowan County	October 26, 2022	TBD	ROW Acquisition March 26, 2022	\$750,000	TBD	Daniel Dagenhart (336)747-7800	Planning and Design underway - working on 65% plans.

Cabarrus-Rowan MPO
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TIP / WBS No.	Description	Let Date	Completion Date	Status	Construction Cost	Contractor	Project Administrator	Comments
DIVISION BRIDGE PROJECTS UNDER DEVELOPMENT								
17BP.9.R.82	Replace Bridge #248 over Prong of Grant's Creek on SR 1211 (Kimball Rd) in Rowan County	June 15, 2022	TBD	ROW Acquisition July 30, 2021	\$1,450,000	TBD	Daniel Dagenhart (336)747-7800	Planning and Design underway.
17BP.9.R.85	Replace Bridge #198 and Bridge #199 over Crane Creek on SR 2529 (St. Paul Church Rd) in Rowan County	April 26, 2023	TBD	ROW Acquisition Oct. 26, 2022	\$1,200,000	TBD	Daniel Dagenhart (336)747-7801	Planning and Design underway.
17BP.9.R.86	Replace Bridge #205 over Grant's Creek on SR 1516 (Airport Rd) in Rowan County	February 8, 2023	TBD	ROW Acquisition April. 8, 2022	\$1,000,000	TBD	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	TBD	ROW Acquisition Jan. 28, 2023	\$900,000	TBD	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	September 27, 2023	TBD	ROW Acquisition Sept. 27, 2022	\$750,000	TBD	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	TBD	ROW Acquisition July 23, 2023	\$1,500,000	TBD	Daniel Dagenhart (336)747-7800	Planning and Design underway.
LOCALLY ADMINISTERED PROJECTS								
C-5603D 43713.3.4	Construct sidewalks on Old Concord Rd from Ryan St to Jake Alexander Blvd	July 30, 2022	TBD	ROW Acquisition September 30, 2021	\$414,000	TBD	Jeff Turner (336)747-7800	Non-DOT let (LAP) - City of Salisbury - in design. The R/W date shown will need to be updated upon coordination with the City of Salisbury.
C-5603H 43713.3.8	Brenner Ave from Statesville Blvd. to W Horah St and Brenner Ave. at Link Ave. in Salisbury	July. 30, 2022	TBD	ROW Acquisition October 29,2021	\$130,000	TBD	Jeff Turner (336)747-7800	Non-DOT let (LAP) - City of Salisbury - in design.The R/W date shown will need to be updated upon coordination with the City of Salisbury.
EB-5619B 56033.3.3	Grants Creek Greenway - Construct Multi-use trail from Kelsey Scott Park to Forestdale Dr in Salisbury	September 29, 2023	TBD	ROW Acquisition in progress	\$1,070,000	TBD	Jeff Turner (336)747-7800	*Schedule based on Adjusted 2020-2029 STIP - NON-DOT let (LAP)
HL-0005	Various, City of Salisbury Signal Sytem Upgrade.	October 29, 2021	TBD	ROW Acquisition in progress	TBA	TBD	Jeff Turner (336)747-7800	The let date shown will need to be updated upon further coordination with the City of Salisbury.
COMPLETED PROJECTS								
W-5313 46136.3.3 (C203672)	Grading, Drainage, Paving, Signal and Culvert replacements on SR 1221 (Old Beatty Ford Rd) from SR 1337 (Lentz Rd) to SR 2335 (Lower Stone Church Rd.)	June 20, 2017	January 6, 2021 <i>(perm. vegetation established May 30, 2021)</i>	100% Complete	\$12,689,162	NJR Group, LLC	Jeb Smith, PE (704)630-3220	Vegetation establishment is completed and accepted on 5/13/21, but we're awaiting a signed property release from Phaniel's Church (expected to be signed prior to June 2021).

TIP/WBS No#	DESCRIPTION	LET DATE	COMPLETION DATE	STATUS	CONSTRUCTION COST	CONTRACTOR	PROJECT ADMINISTRATOR	COMMENTS	
ARRA RAILROAD									
I-85 PROJECT									
I 8 5 P R O J E C T	I-3802A	I-85 Widening Kannapolis Reconstruction of US 29/601, Earnhardt Blvd. and Lane Street Interchanges from NC 73 to Rowan County. Landscaping for I-85 NC 73 to Lane Street.	LET April 2014	November 1, 2021	98% Complete	\$249,166,172	Blythe Construction	NCDOT Chris Fine 704-983-4380	Final Punch List work ongoing throughout project. Project expected to be fully complete by November 1, 2021.
	I-5394	I-85 Widening. Mile Marker 42-TO-Mile Marker 48. Pavement Rehab.			% Complete	\$ 7.3 M		NCDOT Rick Baucom 704-983-4401	PROJECT ON HOLD
URBAN PROJECTS									
U R B A N P R	U-3415A	SR 1394 Poplar Tent Rd. Concord Derita Rd. -TO-George Liles Pkwy. Widen to 4 lane divided.	R/W-2021 LET-2024	2027 PROJECTED	15 % Complete	\$ 20.5 M	Santec	NCDOT Sean Epperson 704-983-4400	PROJECT ON HOLD
	U-3440	NC 3 Kannapolis. U-2009 (Westside Bypass)-TO-SR 1691 (Loop Road). Widen existing route to multi-lane facility.	LET November 2016	April 6, 2022	72% Complete	\$ 34.1 M	JT Russell	NCDOT Jon Hinson 980-523-0085	ACTIVE PROJECT. A section of Dale Earnhardt Blvd. will be closed until FALL 2021
	U-4910	SR 1445 Derita Rd. Concord Poplar Tent Rd.-TO-Meck County Line.	LET February 2017	March 30, 2022	85 % Complete	\$19,442,264	BLYTHE Development	City of Concord & Chris Fine 704-983-4380	ACTIVE PROJECT. Currently under constr. Jetstream Blvd. closed and expected to reopen <i>November</i> 2021. Bridge construction complete. Project expected to be complete by end of 2021.
	U-6029	SR 1394 Poplar Tent Rd. Concord Derita Rd.-TO-NC 73. Widen to 4 lanes.	R/W-2029 LET TBD	TBD	5 % Complete	43.6 M	TBD	NCDOT Sean Epperson 704-983-4400	PROJECT ON HOLD

	TIP/WBS No#	DESCRIPTION	LET DATE	COMPLETION DATE	STATUS	CONSTRUCTION COST	CONTRACTOR	PROJECT ADMINISTRATOR	COMMENTS
O J E C T S	U-6032	Mallard Creek Rd. (SR-2467)/Derita Rd (SR-1445) from I-485 to Concord Mills Blvd. Widen to 6 lanes	June.17, 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 approved to move forward.
	U-5956	US 29 Concord. Realign Union Cemetery Rd.-TO-Intersect US 29 at Rock Hill Church Rd.	R/W-2021 LET 2023	2025 <i>PROJECTED</i>	65% Complete	\$ 8.1 M	Kimley-Horn	NCDOT Sean Epperson 704-983-4400	PROJECT ON HOLD
	U-5761	NC 3 (Dale Earnhardt Blvd.) Kannapolis Improve Intersection of NC 3 and US 29/601.	LET June 17, 2025	2027 <i>PROJECTED</i>	90% Plans R/W 60% complete but on hold.	\$ 10,960,000 EST	RS&H	NCDOT Donald Griffith 704-983-4418	ACTIVE PROJECT. Currently in Design. PE work is continuing, slowly.
	U-5806	Concord Mills Flyover. Concord I-85-TO-Concord Mills Mall. Construct a flyover to the first mall entrance.	LET December 2017	December 1, 2021	97% Complete	\$10,216,654.00	BLYTHE Development	NCDOT Chris Fine 704-983-4380	ACTIVE PROJECT. Currently under constr. Flyover bridge expected to be open to traffic in mid-November 2021. Overall project expected to be complete by the end of 2021.

CONJESTION PROJECTS									
C O N G E S T I O N	C-4918A	CMAQ. Intersection Concord US 29-TO-Poplar Tent Rd. Re-design and convert to superstreet. Intersection improvements and add turn lanes at Poplar Tent and US 29.	LET Nov.7, 2017	January.4, 2020	100 % Complete	\$ 2.75M	SANTEC	City of Concord Terry Burleson Closing	PROJECT COMPLETE. <i>This project has been finalized and CLOSED.</i>
	C-5557	Miramar St. Concord NE Subset sidewalk extension CMAQ project.	LET Nov15,2018	June.29,2020	100 % Complete	\$417,090	SEALAND	City of Concord Terry Burleson Closing	PROJECT COMPLETE. <i>This project has been finalized and CLOSED.</i>

HIGHWAY SAFETY PROJECTS									
	47866/ SS-4910CK	Poplar Tent Rd. at Rock Hill Church Rd. & Eva Dr. Concord Intersection improvements.	LET Feb. 2023	TBD	In R/W	\$ 1.1 M	TBD	NCDOT Donald Harward 704-983-4400	Project Approved to move forward. High Impact/Low Cost

	TIP/WBS No#	DESCRIPTION	LET DATE	COMPLETION DATE	STATUS	CONSTRUCTION COST	CONTRACTOR	PROJECT ADMINISTRATOR	COMMENTS
S A F E T Y	W-5601HQ 47858	NC 3 Concord and Odell School Road. Install a Roundabout	LET March 2022	TBD	In R/W	\$ 1.24 M	TBD	NCDOT Donald Harward 704-983-4400	Project Approved to move Forward. High Impact/Low Cost
	W-5710C	SR 2180 (Lane St. & Jackson Park Rd.) Kannapolis 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 Donald Harward 704-983-4400	READY FOR CONSTRUCTION. Design is Complete. Scheduled for a LET in September. Construction in March.
	HS-2010D	NC 24/27 and Bethel School Road	LET August 2023	TBD	In Design	\$392,000	TBD	NCDOT Donald Harward 704-983-4400	
	W-5710AO	Salisbury-Concord Rd/ Old Concord Rd. Kannapolis -TO-Irish Potato Road. Install Roundabout.	LET May 2023	TBD	In Design	\$ 1.15 M	TBD	NCDOT Donald Harward 704-983-4400	Project Approved to move Forward.

BRIDGE PROJECTS

B-5813	Bridge 120132 / NC 73 over Dutch Buffalo Creek	LET October 2021 <i>Pending</i>	May. 2023	0% Complete - Project Not Yet Let	\$4,300,000	TBD	NCDOT Garland Haywood 704-975-2795	Currently Developing Final Plans and relocating existing utility conflicts.
B-5808	Bridge 120057 & 120059 (US 29/601) over Irish Dutch Buffalo Creek near Poplar Tent Road.	LET May 2022 <i>Pending</i>	May. 2025	0% Complete - Project Not Yet Let	\$5,100,000	TBD	NCDOT Garland Haywood 704-975-2795	Currently Developing ROW Plans for use in acquiring construction limits and relocating existing utility conflicts.
B-5136	US 29/601. Concord NC 73 TO-Davidson Dr. Replace bridges 66 & 69.	LET August 2015	March 15, 2021	100 % Complete	\$ 13.1 M	HRI Bridge Co.	NCDOT Jon Hinson 980-523-0085	ACTIVE PROJECT. Working on Project Closeout.
17BP.10.R.144	Bridge 120053 / SR 2114 (Centergrove Rd.) Kannapolis over Cold Water Creek.	LET Scheduled 4-21-2021	April, 2022	9% Complete	\$1,761,841	Dane Construction	NCDOT Garland Haywood 704-975-2795	ACTIVE PROJECT. Existing struct has been demolished. Crews are preparing to do drilled shafts and progress with substructure.

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Division 10 Transportation Update
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	TIP/WBS No#	DESCRIPTION	LET DATE	COMPLETION DATE	STATUS	CONSTRUCTION COST	CONTRACTOR	PROJECT ADMINISTRATOR	COMMENTS
B R I D G E E P R O J E C T S	17BP.10.R.110	Bridge 120105 / E. Gold Hill Rd. Mt. Pleasant Replace bridge over branch of Big Bear Creek.	LET July 2021 <i>Pending</i>	March, 2022	0% Complete - Project Not Yet Let	\$600,000	TBD	NCDOT Garland Haywood 704-975-2795	Currently in Design. Plan development has resume in anticipation of scheduled LET date. On current 12 MLL.
	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 704-975-2795	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 July 2021 <i>Pending</i>	December, 2021	0% Complete - Project Not Yet Let	\$635,000	TBD	NCDOT Garland Haywood 704-975-2795	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 704-975-2795	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 704-975-2795	Currently in Design. Plan development will resume in anticipation of scheduled LET date.
	B-5810	Bridge 120022 /NC24-27. Mt. Pleasant Replace bridge over Rocky River.	LET June 2023 <i>Pending</i>	October, 2024	0% Complete - Project Not Yet Let	\$6,200,000	TBD	NCDOT Garland Haywood 704-975-2795	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 704-975-2795	Arete Engineers contracted to develop mitigation plan and bridge jacking design. Awarded to Buckeye Bridge. Contract in route.
	B-5372	Bridge 120109 / SR 1706. Kannapolis Bridge on (East First St.) over US 29.	LET March 2022 <i>Pending</i>	May, 2023	0% Complete - Project Not Yet Let	\$3,850,000	TBD	NCDOT Garland Haywood 704-975-2795	Currently in Design. Plan development will resume in anticipation of scheduled LET date.
B-5375	Bridge120 137 / SR 1132. (Miami Church Rd.) Mt. Pleasant over Dutch Buffalo Creek.	LET January 2022	August, 2022	0% Complete - Project Not Yet Let	\$600,000	TBD	NCDOT Garland Haywood 704-975-2795	Currently in Design. Plan development will resume in anticipation of scheduled LET date.	

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	TIP/WBS No#	DESCRIPTION	LET DATE	COMPLETION DATE	STATUS	CONSTRUCTION COST	CONTRACTOR	PROJECT ADMINISTRATOR	COMMENTS
J E C T S	BP10.R015	Bridge 120129 / SR 2635. (Old Airport Rd.) Concord over Cold Water Creek.	Original Date of 4/22 Postponed until July 2023	October, 2023	0% Complete - Project Not Yet Let	\$1,300,000	TBD	NCDOT Garland Haywood 704-975-2795	Currently in Design. Plan development will resume in anticipation of scheduled LET date. Let Date was postponed do to insufficient funds.
	BP10.R020	Bridge 120101 / SR 2453 (Lentz-Harness Shop Rd.) over Little Bear Creek	LET September 2021 Pending	April, 2022	0% Complete - Project Not Yet Let	\$770,000	TBD	NCDOT Garland Haywood 704-975-2795	Currently in Design. Plan development will resume in anticipation of scheduled LET date.
	BP10.R010	Bridge 120245 / SR 1309 (Stough Rd.) over Wolf Meadow Creek	LET April 2022 Pending	March, 2023	0% Complete - Project Not Yet Let	\$770,000	TBD	NCDOT Garland Haywood 704-975-2795	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 704-975-2795	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 704-975-2795	Plan Development will NOT proceed until LET has been scheduled and confirmed.
	BP10.C004.1 BP10.C004.2 BP10.C004.3	Bethel Church Road	LET January 5 2021		100% COMPLETE	\$211,000	NCDOT	NCDOT Garland Haywood 704-975-2795	PROJECT COMPLETE 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 704-975-2795	Project has been scoped. Plan Development will NOT proceed until LET has been scheduled and confirmed.
	BP10.R034	Bridge 120073 / SR 2416 (Mt Olive Rd.) Mt. Pleasant over Branch of Dutch Buffalo Creek	LET April 2022 Pending	December, 2022	0% Complete - Project Not Yet Let	\$600,000	TBD	NCDOT Garland Haywood 704-975-2795	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.R047	Bridge 120083 / SR 2408 (Gold Hill Rd.) over Dutch Buffalo Creek	LET July 2024 <i>Pending</i>	October, 2025	0% Complete - Project Not Yet Let	\$700,000	TBD	NCDOT Garland Haywood 704-975-2795	Project has been scoped. Plan Development will NOT proceed until LET has been scheduled and confirmed.
MUNICIPAL PROJECTS								
U-5522	Concord Traffic Management Center. ITS/Signal.	LET July 2018	April 2, 2021	100 % Complete	\$ 732 K	Traffic Control Devices	City of Concord Oversight Tim Canup 704-213-2107	PROJECT COMPLETE Accepted on May 5, 2021 Waiting on final invoice submittal from Concord.
C-5159	Kannapolis Roxie St & NC 3-TO-Dale Earnhardt Blvd. Street Improvements	SCOPE	MOVED TO	I-85	\$	N/A	City of Concord	Deleted from 2020-2029 STIP. THIS PROJECT HAS BEEN ADDED TO THE I-85 PROJECT.
C-5161	Greenway MUP. Kannapolis - Irish Buffalo Creek Greenway. Construct greenway.	LET June 2019	June.7, 2021	100 % Complete	\$ 2.85 M	J. D. Goodrum, Inc.	City of Concord Oversight Tim Canup 704-213-2107	CloseOut Conference scheduled for 10/25/2021. Materials Received Reports needed to certify project. Final invoice to be submitted by Concord. 1446B remains.
EB-5902	Concord Downtown Pedestrian Signal Upgrades	LET March 2020	November, 2020	75% Complete	\$198,435	ALS	City of Concord NCDOT oversight Neal Stroup 704-589-2045	Open cutting complete. City of Concord has to do work on a signal pole before contractor could complete construction.
EB-5903	Union Street Concord Sidewalk Extension	LET December 2019	May.21, 2021	100 % Complete	\$879,280	Performance Management Construction	City of Concord NCDOT oversight Kellie Crump 980-439-6363	Final Acceptance 10/1/21. Working on Final Billing and 1446B.
EB-5732	SR 2894 (Concord Mills Blvd.) Concord Construct Sidewalks on Concord Mills Blvd. and portions of Weddington Rd. from US 29 TO-SR 1431	R/W 2020 LET 2022	2023 <i>PROJECTED</i>	25 % Complete Page 69	\$ 6 M	HNTB	NCDOT Sean Epperson 704-983-4400	PROJECT ON HOLD Printed on 10/20/21

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TIP/WBS No#	DESCRIPTION	LET DATE	COMPLETION DATE	STATUS	CONSTRUCTION COST	CONTRACTOR	PROJECT ADMINISTRATOR	COMMENTS
U-6098/47706	Cabarrus County - Various; Left turn lane at NC 73 and SR 1430 // Turn lanes at access rd. NC 73 // RAB SR 1620 & SR 1621 // Extend storage I-85 ramps.	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-5603E	SR 1120 (Bethel School Rd.) Construct Sidewalks and Crosswalks.	March.25, 2021	TBD	0% complete	108,029	Trull Contracting, LLC	Neal Stroup Oversight NCDOT	Project LET 3/25/21. Pre-construction conference held 9/14/21.
C-5603F	Bethpage Rd. From South Main St. -TO- Leonard Ave. and from Westgreen Dr. -TO- Klondale Ave sidewalk.	TBD	TBD	0% complete	208,000	TBD	Kannapolis/Tim Kirk oversight NCDOT preconstruction	PE suspension lifted on July 9, 2021.
C-5603G	Bruton Smith Blvd. and Weddington Rd. Concord.	TBD	TBD	0% complete	141,680	TBD	Concord/ Tim Kirk oversight NCDOT preconstruction	Construction had been previously suspended due to funding availability, but the uspension has been lifted. Construction authorization letter to be sent 9/8/20. New bid opening held on 2/25/21; and of the two bids received, both were over budget. Will look to secure additional funds.
C-5603I	US 601. From Flowe Store Rd. -TO- Zion Rd. with US 601 and Flowe Store Rd. Sidewalk and intersection improvements.	TBD	TBD	0% complete	1,516,368	TBD	Concord/ Tim Kirk oversight NCDOT preconstruction	Preliminary Plans (25%) submitted for review on 9/29/01.
EB-5844	Little Texas Rd. /Lane St - TO- Dale Earnhardt Blvd. sidewalk.	TBD	TBD	0% complete	2,051,200	TBD	Concord/ Tim Kirk oversight NCDOT preconstruction	Currently In PE phase. Preliminary plans were reviewed along with drainage plans and preliminary structure plans. Next step; Environmental documents.

RURAL PROJECTS

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Cabarrus-Rowan MPO
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	TIP/WBS No#	DESCRIPTION	LET DATE	COMPLETION DATE	STATUS	CONSTRUCTION COST	CONTRACTOR	PROJECT ADMINISTRATOR	COMMENTS
U R A L	R-2246A	George Liles Parkway. Concord NC 49 -TO- Roberta Rd. Widen to Multi- Lanes	R/W 2025 LET 2028	2031 <i>PROJECTED</i>	0 % Complete	\$ 16.5 M	TBD	NCDOT Sean Epperson 704-983-4400	PROJECT ON HOLD

VARIOUS PROJECTS									
V A R I O	2020CPT.10.1 2.20131 - Contract DJ00365	26 Map Sections of Secondary Roads.	March, 2021	June, 2022	50% completed	\$2 million	Boggs Contracting	NCDOT Marc Morgan	All maps resurfaced except for the 4 FDR Maps which are scheduled for Spring of 2022. Waiting on final striping.
	2021CPT.10.1 4.10131 - Contract DJ00375	NC 3 (1 Primary section) and 23 sections of secondary roads.	April, 2021	June, 2022	80% completed	\$2.8 Million	Bythe Brothers	NCDOT Marc Morgan	All roads resurfaced. Waiting on final thermoplastic markings and rumble strips to be placed.
	2020CTP.10.0 2.10131, etc	NC3. Resurfacing--2 sections of NC 3, 1 section of NC 73 and 25 sections of secondary roads.	LET March 2019	September 30, 2021	100% Complete	\$5,036,205.00	Blythe Construction Company, Inc	NCDOT Marc Morgan 704-983-4380	PROJECT COMPLETE & CLOSED
	R-5790JF 44920.3.14	LOCATION Installation of curb ramps.	LET January 2020	TBD	100 % Complete	\$ 165.6 K	Little Mountain Builders of Catawba County	NCDOT Chris Fine 704-983-4380	PROJECT COMPLETE August 2020. Closed the agreement with the Town of Badin on 10/29/20. Overpayment HAS been refunded.
	R-5790JG 44920.3.15	LOCATION Installation of curb ramps.	LET March 2022	TBD	% Complete	\$ 3M	TBD	Barrett Eatman	Letters sent to municipalities. Project being prepared for LET.
	SS-6010T 49436.3.1 (48794)	Irish Potato Rd & Gold Hill Rd. Concord Scope has been changed w/ new findings.	August 2021	August 2021	100 % Complete	\$30k	NCDOT	NCDOT Tony Tagliaferri 704-983-4400	PROJECT COMPLETE
	48795	NC 73 Concord Main St. (Mt. Pleasant Rd.) Install left turn lanes.	LET Summer 2021	TBD	100 % Complete	\$	TBD	NCDOT Donald Harward 704-983-4400	PROJECT COMPLETE
SS - 6010D 48986.1.1 48986.3.1	NC 73 & Central Dr. Concord Roadway & Pavement Markings Improvements.	August 2021	August 2021	50% Complete	\$23,000	NCDOT	NCDOT Tony Tagliaferri 704-983-4400	Pavement markings complete. Bollards to soon be installed.	

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	TIP/WBS No#	DESCRIPTION	LET DATE	COMPLETION DATE	STATUS	CONSTRUCTION COST	CONTRACTOR	PROJECT ADMINISTRATOR	COMMENTS
U	SS - 6010E 48987.1.1 48987.3.1	NC 73 & Cabarrus Ave. Concord Traffic Signal & Pavement Markings Revisions			100 % Complete	\$2,500	NCDOT	NCDOT Tony Tagliaferri 704-983-4400	PROJECT COMPLETE
	SS-4910DM 48485.1.1 48485.2.1	Roberta Rd. & Cochran Rd. Concord -TO- Brookville Ave. Mini Roundabout Construction	LET Summer 2023	Summer 2022	In Design	\$180,000	TBD	NCDOT Donald Harward 704-983-4400	SPOT Safety Project

From: Boland, Timothy M [<mailto:tboland@ncdot.gov>]
Sent: Thursday, September 30, 2021 8:41 AM
Subject: RE: [External] NCDOT-SRTS coordinator

Paul,

I appreciate the information and it is obvious you are very passionate about this effort. I have discussed this with our District Engineer, Marc Morgan as well as our Planning Engineer, Stuart Basham who are involved with the scoring process with the MPOs. Unfortunately, I don't have good news. For the reasons that follow below, we don't think this project is viable at this time.

The proposed project is through a wetland area. While we have done projects like this in the past, it is highly unlikely that we would even be able to get a permit for the proposed design.

Safe Routes to Schools (SRTS) does not have a funding source for projects and instead relies on the planning organizations to fund such projects through their local processes or relies on NCDOT to fund them through the STI process. All bike/ped projects compete in the STI process in the Division Needs Tier only. This tier has the least amount of funding available and has the greatest amount of modes competing for that limited funding. In this tier, there are highway projects on local and secondary roads competing for funding, along with bike/ped, rail, aviation, and transit projects. Only a small percentage of projects in each mode are funded due to limited funding availability.

In reference to the STI, the P6.0 process was halted recently. From our conversations with the SPOT Office, P7.0 is not expected to get underway until sometime in the summer of 2024. The process is two years typically, meaning that we wouldn't have a new draft TIP with newly funded P7.0 projects until around the end of 2026. Even if this project should be successful in making funding, it doesn't mean that funding for it would be available in 2026. It simply means that funding will be somewhere within the 10 range of the TIP. The year in which it would end up being programmed for funding is somewhat dependent on its final combined STI score. For example, the higher scoring projects are typically programmed in the earlier year of the TIP.

There aren't any projections for how much funding might be available for P7.0. Recent conversations we have had the SPOT Office seem to indicate there will be some new money available, but not as much as we might see in a typical STI cycle.

If the desire is for this to be submitted into STI for funding consideration in P7.0, the Cabarrus-Rowan MPO would have to agree to submit it as a project. The request to submit it would have to be made to the CRMPO by either the City of Concord or Cabarrus County. The City of Concord is the most likely one to make this request. The CRMPO would have to be willing to support the project and the CRMPO Board would also have to approve it in their list of P7.0 projects to be submitted into STI for funding competition. To further clarify, only the MPO or the NCDOT Division is allowed to submit projects into STI. Local jurisdictions cannot submit projects.

Any bike/ped project submitted into STI for funding competition is required to be in some sort of locally adopted plan. In this case, this would need to be a greenway master plan or some sort of bike ped/plan that is adopted by the local governing municipality. Typically, the NCDOT Divisions do not submit bike/ped, rail, aviation, rail or transit projects due to the excess of submittal slots the planning organizations have within each mode. The MPO/RPO Planning organizations have more slots available than projects submitted, so they routinely take on this task of submitting projects. Note that an excess of submittal slots does not mean that all available funding is not being used up. It really means that everyone recognizes that there is little chance that a project in any of these modes will be funded, so only the strongest projects are submitted. Routinely, we only see about 10% of submitted bike/ped projects end up being funded in a typical cycle.

Once again I wish I had better news for you but we simply don't have a good avenue for this project right now.

From: Paul Wanish <pwanish@gmail.com>
Sent: Wednesday, September 29, 2021 1:38 PM
To: Boland, Timothy M <tboland@ncdot.gov>
Subject: Re: [External] NCDOT-SRTS coordinator

Sounds good, thanks. I'm sorry for bugging, but from my side, SRTS wasn't an obvious program, getting from fed down to the district was protracted and I don't want to be late to get finding (i.e., your scoring). I felt like trying to get attention by hollering down a very long hall. 😊

What may make this somewhat unique, it's an SRTS infrastructure spend, doesn't involve any "pavement" and partially planned/engineered/funded by the county.

On the plus side, NCDOT gets full credit at (what I expect) a reasonable expense supporting a federal program for District 10. The state seems to lack all infrastructure changes for SRTS; maybe we'll even make the [NCDOT SRTS publications](#).

Attached are a few slides going to the Cabarrus school board to inform them, but the maps are excellent to share the scope of the impact from the bridge. Paul

From: Jones, Phyllis Denise [mailto:pdjones@ncdot.gov]
Sent: Thursday, September 16, 2021 11:00 AM
To: NCDOT Service Account - CMAQ Improvement Program <CMAQ@ncdot.gov>
Subject: UPDATED CMAQ Application for FY 2023 Call for Projects

Good Morning,

Please find attached an updated version of the CMAQ application for FY23. As a reminder, the call for projects will be conducted from **November 1, 2021 to February 28, 2022.**

Thanks for your continued interest in the CMAQ program.

Thanks,
CMAQ Program
Transportation Planning Division
cmaq@ncdot.gov

From: Wasserman, David S [mailto:dswasserman@ncdot.gov]

Sent: Thursday, June 10, 2021 4:07 PM

To: pconrad@mblsolution.com

Cc: Argabright, Van <vargabright@ncdot.gov>; 'Phillip Graham' <grahamp@concordnc.gov>; Basham, Stuart L <slbasham@ncdot.gov>; Miller, Jerome S <jsmiller3@ncdot.gov>; Stanley, Mike <mtstanley@ncdot.gov>; McIntyre, Ray <rmcintyre@ncdot.gov>; Robinson, Teresa <tmrobinson1@ncdot.gov>

Subject: RE: [External] FW: memo documenting funding swap

Glad you were able to locate my email – I was about to search for it.

See the table below for CRMPO’s combined total of STBG-DA and TAP-DA through FY 26.

Available funding: \$36.9M (includes the \$6M swap credit)

Already programmed: \$16.3M

Available DA funds (includes TAP-DA): **\$20.6M available through FY 26**

\$ in Thousands	Unused balance at the end of FY 20	FY 21	FY 22	FY 23	FY 24	FY 25	FY 26
TAP-DA		\$250	\$250	\$250	\$250	\$250	\$250
Amount available (normal apportionment)	\$5,986	\$3,632	\$3,632	\$3,632	\$3,632	\$3,632	\$3,632
Additional apportionment - COVID Relief		\$1,450					
FY 21 Infrastructure Funds		\$209					
2019 Fund Swap	\$6,000						
Programmed amounts (main STIP)		\$2,585	\$4,416	\$3,033	\$3,140	\$3,140	\$0

Your DA funds are currently programmed as follows.

TIP	Fund	Phase		2,020	2,021	2,022	2,023	2,024	2,025
HL-0001	STBG-DA	PE			1368				
HL-0001	STBG-DA	ROW				4,416			
HL-0001	STBG-DA	CON						3,140	3,140
HL-0005	STBG-DA	CON			343				
EB-5619C	STBG-DA	PE			294				
EB-5619C	STBG-DA	CON					1,882		
EB-5619B	STBG-DA	CON					1,151		
EB-5619B	STBG-DA	PE		660					
TL-0005	STBG-DA	CON			580				
EB-5903	TAP-DA	CON		320					
EB-5902	TAP-DA	CON		250					

David Wasserman, P.E.

STIP Western Region Manager

North Carolina Department of Transportation

919 707 4743

dswasserman@ncdot.gov

	RIDER TRANSIT						RIDER ADA PARATRANSIT						ROWAN TRANSIT					
	2016	2017	2018	2019	2020	2021	2016	2017	2018	2019	2020	2021	2016	2017	2018	2019	2020	2021
January	30677	32527	28,618	35154	32,795	19,946	464	727	786	1014	1233	1064	1362	1394	1382		1281	611
February	33853	33599	30231	32851	31073	23,498	623	755	887	1001	1238	1065	1543	1816	1318		1299	679
March	36896	34813	32443	35038	25626	36652	633	932	972	1066	887	1558	1631	1631	1213		1388	737
April	35155	32820	33153	33822	15732	36209	606	814	903	1117	550	1555	1604	1697	1229		858	
May	32227	32719	35578	36,735	18,489	36,769	565	864	1005	1015	687	1464		1487	1196		651	
June	33978	33,987	38320	36931	22239	35573	495	837	893	918	997	1370		1659	916		797	
July	32926	32776	36564	37265	22975	27155	529	819	840	956	1065	1305	1869	1543	694	1378	828	
August	36933	37535	42211	38455	22020	27824	687	862	995	1041	1191	1233	1821	2018		1425	826	
September	35357	33850	35060	35590	21712	27014	694	864	895	1076	1231	1286	1791	1667		1413	824	
October	37970	35584	39504	37,727	24,501		803	957	1147	1175	1024		1773	1670		1412	930	
November	35018	33804	33695	32930	22073		657	881	972	1132	959		1527	1446		1214	684	
December	34245	32746	30639	32848	19994		635	885	781	1049	1044		1564	764		1127	721	
Totals	415235	371176	416016	425346	279229	270,640	7391	10197	11076	12560	12106	11900	16,485	18,792	7,948	7,969	11,087	2,027

	SALISBURY TRANSIT SYSTEM						SALISBURY ADA PARATRANSIT												
	2016	2017	2018	2019	2020	2021		2018	2019	2020	2021								
January	10162	12497	10192	11588	10836	4631			669	662	605								
February	11732	12872	11786	10819	10426	4495			664	587	553								
March	12840	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	13433	10777	11581	12228	5987			706	855	605									
August	15616	15964	13855	13186	5505			739	854	495									
September	15581	13978	11689	11472	5350			532	827	529									
October	15794	13214	13304	12645	5758			695	801	590									
November	14387	11558	10889	12742	4384			582	644	545									
December	12955	11131	9170		5416			492		718									
Totals	122500	150943	140206	133387	76086			3746	8016	6937	4041								