

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

Wednesday May 19, 2021
10:00 AM to 12:00 noon

VIRTUAL MEETING

1) Call to Order & Quorum TCC Chairman Graham

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

2) Approval of March 17, 2021 minutes TCC Chairman Graham

3) 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 3.

ACTION / RECOMMENDATION: 1) Receive a report on the draft CTP Amendments; 2) Discuss; and 3) Recommend that the TAC consider releasing the CTP amendments for public input.

4) FY 2020-2029 MTIP Modification #6 Phil Conrad

INFORMATION: MPO staff typically brings amendments or modifications from recent NCDOT Board of Transportation agendas to the TCC/TAC for consideration. The first project modification is the delay of Y-4810K Rogers Lake Road grade separation to FY 2023 for construction. The second project is a description change for EB-5619 to use segments A, B, and C. Attachment 4 is a resolution modifying the MTIP for these projects.

ACTION/RECOMMENDATION: 1) Receive a report on modification #6 to the FY 2020-2029 MTIP; 2) Discuss; and 3) Recommend that the TAC consider endorsing modification #6 to the FY 2020-2029 MTIP.

5) 2021 Draft Local Priority Methodology Phil Conrad

INFORMATION: NCDOT staff has indicated that Session Law 2012-84 requires the Department to develop a process for standardizing or approving MPO local input methodology. Given recent changes in the way that points can be flexed between tiers, MPO staff submitted a draft of the Cabarrus-Rowan local input methodology to NCDOT for content review. After the content review, the NCDOT staff granted conditional approval to the MPO's methodology subject to public input and MPO Board approval. The local priority methodology is included as attachment 5. Proposed edits are located under the public input process section of the document.

ACTION/RECOMMENDATION: 1) Receive a report on the Draft 2021 Local Priority Methodology; 2) Discuss; and 3) Recommend that the TAC consider endorsing the Draft Local Priority Methodology.

6) Rider Public Transportation Agency Safety Plan Phil Conrad

INFORMATION: 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 grant funds to develop safety plans that include the processes and procedures necessary for implementing Safety Management Systems (SMS). Concord Kannapolis Area Transit/City of Concord opted in to the NCDOT Safety Plan, choosing to draft and certify their Public Transportation Agency Safety Plan under NCDOT's framework and requirements as they are allowed by FTA to do as a small (less than 100 bus) public transportation provider. The FY 2022 required annual review of the PTASP was approved by the Concord Kannapolis Area Transit Commission on 4/21/2021, and will be presented to City of Concord City Council on 5/13/2021. Approval by the Cabarrus Rowan Metropolitan Planning Organization is required for approval and certification by NCDOT. The PTASP (307 pages) can be found at the following link: ckrider.com/wp-content/uploads/2021-Public-Transportation-Agency-Safety-Plan-Final-Version.pdf

ACTION/RECOMMENDATION: 1) Receive a report on the Rider Public Transportation Agency Safety Plan; 2) Discuss; and 3) Recommend that the TAC consider approving the Rider Public Transportation Agency Safety Plan.

7) Reports / MPO Business Phil Conrad / TCC Members

- Local Reports – MPO/NCDOT Division 9 & 10/TPD
- Safety Presentation – NCDOT Traffic Safety Unit
- STIP Amendments – NCDOT
- Funding Swap Request - NCDOT
- STBGP Project Call Deadline – August 6

- 2021 Bicycle and Pedestrian Grant Application Cycle

8) Informational Items

Phil Conrad

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

Next scheduled meeting: June 16, 2021

- Agenda items for June TCC meeting

MINUTES

TECHNICAL COORDINATING COMMITTEE

Wednesday, March 17, 2021

VIRTUAL MEETING DUE TO COVID-19 PANDEMIC

Members:

Phillip Graham	City of Concord
Susie Morris	Cabarrus County
Ed Muire	Rowan County & Town of Cleveland
Stuart Basham	NCDOT Div. 10
Wendy Brindle	City of Salisbury
Fred Haith	NCDOT Div. 9
Joel Taylor	Town of Spencer
Scott Kaufman	City of Kannapolis
Jason Hord	Town of Granite Quarry
Franklin Gover	Town of China Grove
Erin Burris	Town of Mt. Pleasant

Others:

Phil Conrad	CRMPO Director
Connie Cunningham	MPO Staff
Phil Collins	Cabarrus County
Loretta Barren	FHWA
J. Scott Miller	NCDOT Div10
Phillip Craver	NCDOT Div 9
Zac Gordon	Kannapolis
Andy Christy	RIDER Transit
Andy Bailey	NCDOT TPD
Jeff Littlefield	NCDOT Div10
LaDerrick Blackburn	Concord
Brielle Hartney	Concord

Call to Order

The March 17, 2021 virtual meeting of the Cabarrus Rowan MPO TCC was called to order by Chairman Phillip Graham. Chairman Graham welcomed the members and called the roll of eligible TCC members and determined that a quorum was met. Chairman Graham continued the meeting by asking if there were any adjustments to the meeting agenda. CRMPO Executive Direct Phil Conrad addressed Chairman Graham and requested that the 2021 TIP Conformity Schedule report under Reports/MPO Business be moved to Item 2A. With little discussion, Mrs. Susie Morris made a motion to amend the meeting agenda as requested. Mrs. Wendy Brindle seconded that motion and the TCC members followed with a unanimous vote to approve. Chairman Graham continued by asking if there were any speakers from the floor. With no speakers being heard, Chairman Graham moved to the next item.

Approval of Minutes

Chairman Graham called the TCC members' attention to the meeting minutes of the January 20, 2021 TCC meeting included in their meeting packets. Chairman Graham asked if there were any corrections or additions to the minutes. With no corrections or additions being heard, Mrs. Susie Morris made a motion to approve the minutes as presented. Mrs. Wendy Brindle seconded the motion and the TCC members voted unanimously to approve.

2021 TIP Conformity Schedule

Mrs. Loretta Barren from FHWA provided the TCC members with a power point presentation to explain the Metrolina Transportation Conformity process. She provided background information on the history of the conformity process, how the process is done and why it is done and where the process currently stands. She explained the need for the process and what the goals are. She also provided dates of when each part of the process is due.

2050 MTP Draft Projects List

Executive Director Phil Conrad reported to the TCC members that since the reprogramming of the 2020-2029 TIP, CRMPO staff has been working on a *draft* revenue forecast for the 2050 Transportation Plan. Phil went on to explain that this forecast is based on the tier system which is included in the Strategic Mobility Formula as well as the statewide forecast methodology developed by NCDOT for regional and division tier allocations. Phil reported that these revised forecasts were applied to the projects already listed in the 2045 Plan and in the most recent MPO SPOT/Priority List. Phil then called members' attention to Attachment 3A in their meeting packets which detailed the Draft 2050 Projects List which he reviewed with the members.

Phil continued on by reporting that CRMPO staff had also incorporated the recommendations from the newly completed Cabarrus County Public Transportation Master Plan and he called attention to Attachment 3B which included those recommended projects. After review of the information, Phil provided members with a power point presentation on the 2020 MTP Survey results. After the presentation he called members' attention to memos included in their packets which identified and explained revenue sources and what revenue is available.

With no comments heard, Chairman Phillip Graham made a motion to recommend that the CRMPO TAC consider endorsing the proposed 2050 Projects List. Mrs. Susie Morris seconded the motion and the TCC members voted unanimously to approve.

FY 2021-2022 DRAFT UPWP

Executive Director Phil Conrad reminded the TCC members that each year the Cabarrus Rowan MPO is required to create and adopt a Unified Planning Work Program (UPWP). Phil went on to say that the UPWP is the MPO's budget and uses the state fiscal year 2021-2022. He called members' attention to Attachment 4A in their packets which was the detailed line by line budget for their review. Phil explained that the UPWP identifies the planning tasks, responsible agencies and funding sources for regional transportation planning activities to be conducted within the planning area during the next fiscal year. Phil went on to say that these projects include MPO planning activities conducted by local agencies, NCDOT and a line item for Regional Model and MTP Maintenance. He reviewed the budget line item by line item for the members.

Phil continued by stating that in the fall of 2020, NCDOT had reported to the CRMPO that their allocation of funds in FY 2022 would be \$365,637 which includes about \$100,000 in supplemental federal funds. He explained that there is no longer any unobligated balance for PL funds to MPO's in North Carolina. Phil also reported that since the January 2021 CRMPO TCC meeting, a request shown as Attachment 4B, had been received from the Town of China Grove for a Main Street Corridor Study which would utilize the supplemental funds. At that time, Mr. Franklin Gover reviewed the project for the TCC members.

After Mr. Gover completed the review, Director Conrad reported to the TCC members that as part of the UPWP, the federal government is requiring all MPO's to certify their transportation planning process on an annual basis. He called attention to Attachment 4C which was a checklist for the CRMPO to certify the MPO transportation planning process. He then moved on to Attachment 4D containing the member contributions for operations and closed by calling members' attention to Attachment 4E which was a Draft resolution adopting the UPWP and certifying the transportation planning process.

With no discussion, Mr. Ed Muire made a motion to recommend that the CRMPO TAC consider certifying the CRMPO Transportation planning process and consider adopting the 2021-2022 UPWP. Mr. Scott Kaufhold seconded that motion and the TCC members voted unanimously to approve.

FY 2020-2029 MTIP Modification #5

Director Phil Conrad reminded the TCC members that MPO staff is at times requested to bring amendments or modifications from recent NCDOT Board of Transportation agendas to the TCC/TAC for consideration. A request from the last NCDOT BOT meeting was made to modify additional projects. Director Conrad called members' attention to the information included in their packets regarding the specific project modifications.

The project modification is the addition of P-2918 CMAQ funding for the Piedmont/Carolinian 74/75 trains in FY 2021 at the request of the NCDOT Rail Division.

He then called members' attention to Attachment 5 which was a draft resolution modifying the MTIP for this project. He asked for any questions or comments regarding the information presented. With none heard, Chairman Phillip Graham made a motion to recommend that the CRMPO TAC consider endorsing modification #5 to the FY 2020-2029 MTIP. Mr. Scott Kaufhold seconded the motion and the TCC members voted unanimously to approve.

CTP Amendment

Director Conrad reminded the TCC members that CRMPO staff had presented some Comprehensive Transportation Plan (CTP) amendments to the Public Transportation and Rail Map to them and the CRMPO TAC back in October 2020. The amendments Phil explained, were associated with the Cabarrus County Public Transportation Master Plan. He also explained that a public comment period for these amendments concluded on December 16, 2020.

Phil reviewed the map with the members and informed them that the last time this map was amended was in June 2020. Chairman Graham interjected that the City of Concord did a CTP that will be incorporated. Mr. Sushil Nepal from the Town of Harrisburg also reported that the Town has a Community Transportation Plan that they would like included in the final CTP. In closing, Director Conrad called members' attention to Attachment 7 which was the Draft adoption sheet for the CTP.

With no questions or further discussions, Chairman Phillip Graham made a motion to request the CRMPO TAC consider endorsing the CTP amendments as presented in the Public Transportation and Rail Map. Mrs. Erin Burris seconded the motion and the TCC members voted unanimously to approve.

Proposed CMAQ Project Submittals

CRMPO Director Phil Conrad informed the TCC members that CMAQ funds are a federal funding source for areas designated non-attainment by the EPA. He continued on by explaining that CMAQ funds require a local sponsor and a 20% local match along with being able to demonstrate an emission reduction benefit to the local area.

As a result of a call for new projects issued by NCDOT, a total of four projects applications were received from four project sponsors within the CRMPO area. Phil went on to review a table listing the four projects labeled as Attachment 6A. The individual project applications were included in the members' meeting packets. Mr. Scott Kaufhold reviewed the application for the Kannapolis' project, Mr. Wendy Brindle reviewed Salisbury's application, Chairman Phillip Graham reviewed Concord's application and Director Conrad reviewed the application from Mt. Pleasant because Mrs. Burris had to leave the meeting for a family emergency.

Director Conrad reported that NCDOT has indicated to the CRMPO that the MPO can anticipate receiving about \$1.55 million in CMAQ funds for FY2022. He then called members' attention to Attachment 6B, which explained the NCDOT's target allocation for the MPO. With no questions or comments, Mrs. Wendy Brindle made a motion to recommend that the CRMPO TAC consider endorsing the CMAQ Project submittals. Mrs. Susie Morris seconded the motion and the TCC members voted unanimously to approve the motion.

2021 Draft Local Priority Methodology

CRMPO Executive Director Phil Conrad reported to the members that NCDOT staff has indicated that Session Law 2012-84 requires the Department to develop a process for standardizing or approving MPO local input methodology. Considering recent changes in the way that points can be flexed between tiers, CRMPO staff will submit a draft of the CRMPO local input methodology to NDCOT for content review. Phil went on to state that after the content review the DOT staff will grant conditional approval to the MPO's methodology subject to public unput and the CRMPO Board approval. He called attention to Attachment 7 which was the CRMPO's local priority methodology. Director Conrad reviewed the methodology with the members.

With no questions or comments being heard, Mrs. Wendy Brindle made a motion to recommend that the CRMPO TAC consider releasing the Draft Local Priority Methodology for public comment and NCDOT review. Chairman Phillip Graham seconded the motion and the TCC members voted unanimously to approve.

STBGP Methodology and 2021 Project Call

Director Conrad explained to the TCC members that NCDOT has reported that CRMPO has received a balance of \$1.45 million in STBGP funds and \$208,994 in Infrastructure STBGP funds thru the CARES Act. Director Conrad continued by explaining that this type of funding source has historically been used on high priority and hard to fund projects. He reported that the CRMPO adopted a new methodology to score STBGP project proposals in August 2019 and the first call for projects was issued and it was endorsed in June 2020. Director Conrad explained that given the recent distribution of funds thru the CARES Act it might be necessary to review the methodology to see if there are possibly any funding match changes. He then called members' attention to Attachment 8 and reviewed the methodology with the members.

Once he finished the review, Director Conrad asked for questions or comment. With none heard, Chairman Graham made a motion to forward this information on to the CRMPO for their review and input. Mrs. Wendy Brindle seconded that motion and the TCC members voted unanimously to approve.

Reports/CRMPO Business

1. Local Reports - MPO/TPD/NCDOT Division 9 & 10 – Mr. Fred Haith, NCDOT Division 9 representative reported he had nothing to add beyond the spreadsheet included in the members' packets.

Mr. Stuart Basham, representative for Division 10 called the TCC members' attention to a spreadsheet of Division 10 project updates and highlighted some of the ongoing projects in Division 10. Mr. Basham also provided members with information on the spring Litter Sweep.

2. COVID-19 Funding Impacts – COVID-19 has impacted funding for projects. Some revenues are still down but that some projects are starting to be released for construction.

3. Census Defined Urban Areas – Director Conrad reported that staff participated in the process and he provided a power point presentative to the members. He also reported that this item is out for public comment until May 20, 2021.

4. Letter to Congress for Support of Infrastructure Funding - Director Conrad called members' attention to a sample letter in their packets provided by Division 9. The letter was shared to be used as a template for the CRMPO to provide a similar letter of support for infrastructure funding. By consensus, the TCC members requested to send the letter to the CRMPO TAC for their consideration.

5. CTP Amendments – Director Phil Conrad reported that CTP amendments had been received from the City of Concord and the Town of Harrisburg.

Informational Items

- RIDER Transit, Rowan Express and Salisbury Transit Ridership Information – Phil called attention to the ridership information included in their packets

- CRAFT Meeting Minutes – Director Conrad called members' attention to the minutes included in their packets.

- Next scheduled meeting is April 21, 2021.

With no further business to discuss, Chairman Phillip Graham adjourned the meeting.

Roadway Name	From	To	Improvement Type	Existing Lanes	Proposed Section	Proposed ROW	Future Lanes (CRMPO CTP)
NC 49	Coddle Creek	The east border of the Harrisburg ETJ	Widening	4 lane w/ med	4A	180	N/A
Rocky River Rd	I-485	Lower Rocky River Rd	Widening	2-4 lane	4J	125	N/A
Lower Rocky River Rd	Peach Orchard Rd	Rocky River Rd	Bike/Ped Facility	2 lane	2E	60	N/A
New Location Rd	Robinson Church Road (SR 1166)	Bridge Point Dr	New Location	N/A	2E	60	N/A
Harrisburg Veterans Rd Ext/Harrisburg Veterans Rd/Roberta Rd	Rocky River Crossing Rd	Stallings Rd (SR 1161)	Widening	2-4 lane	4J	125	4D
Roberta Rd	Blackwelder Rd (SR 1307)	Rocky River Crossing Rd	Widening	2 lane	3C	80	4D
Robinson Church Rd (SR 1168)	Mecklenburg County	Tom Query Rd (SR 1166)	Bike/Ped Facility	2 lane w/ TWLTL	3E	90	4D
Robinson Church Rd (SR 1166)	Tom Query Rd (SR 1166)	Stallings Rd (SR 1161)	Widening	2 lane	3E	90	3B
Stallings Rd (SR 1161)	Robinson Church Rd (SR 1166)	Rocky River Rd (SR 1139)	Widening	2-3 lane	3E	90	3C
Caldwell Rd (SR 1173)	Tom Query Rd (SR 1166)	NC 49	Bike/Ped Facility	2 lane w/ TWLTL	3E	90	4D
Caldwell Rd Connector - Alternative 1	Caldwell Rd at NC 49	The County Line	New Location	N/A	3E	90	UNKNOWN
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
Shamrock Rd	NC 49	Pharr Mill Rd	Widening	2 lane	3E	90	N/A
New Location Rd	Pharr Mill Rd	Raging Ridge Rd Ext	New Location	N/A	3E	90	N/A
New Location Rd	Brunswick Dr	Hickory Ridge Rd	New Location	N/A	2E	60	N/A
New Location Rd	Robinson Ch Rd	Hickory Ridge Rd	New Location	N/A	2E	60	N/A
New Location Rd	Planned Development Road	Pepper Dr	New Location	N/A	2E	60	N/A
New Location Rd	Stafford Rd	Smiling Dr	New Location	N/A	2E	60	N/A
New Location Rd	NC 49	Pitts School Rd Ext	New Location	N/A	3C	80	N/A
New Location Rd	New Location	Roberta Rd (SR 1304) at Monitor Ct SW	New Location	N/A	3C	80	N/A
New Location Rd	New Location	Blackwelder Rd (SR 1307)	New Location	N/A	3C	80	N/A
New Location Rd	Caldwell Rd Connector	Silverwood Dr	New Location	N/A	2E	60	N/A
New Location Rd	Proposed Caldwell Rd Connector Alternative	Morehead Rd	New Location	N/A	2E	60	N/A
New Location Rd	New location Rd	Hudspeth Rd	New Location	N/A	2E	60	N/A
New Location Rd	Morehead Rd	Caldwell Rd Connector Alternative 1	New Location	N/A	2E	60	N/A
New Location Rd	Morehead Rd	Performance Dr SW	New Location	N/A	2E	60	N/A
New Location Rd	New Location Rd	Ruth Fidler Ln	New Location	N/A	2E	60	N/A
New Location Rd	Streamhaven Dr	Burnage Hall Rd and Buckskin Dr to New Location	New Location	N/A	3E	90	N/A
New Location Rd	Landsdowne Ave	Brenton Way	New Location	N/A	3E	90	N/A
New Location Rd	Perseverance Dr	Millen Dr	New Location	N/A	2E	60	N/A
New Location Rd	Camelot Dr	Stafford Rd	New Location	N/A	2E	60	N/A
New Location Rd	McCorkle Ln	New Subdivision Street	New Location	N/A	2E	60	N/A
Pharr Mill Rd (SR 1158)	NC 49	Rocky River Rd	Widening	2 lane	3E	90	3C AND 4D
Morehead Rd (SR 1300)	Rocky River Crossing Rd	NC 49	Widening	2 lane	3C	80	4D
NC 49	Caldwell Rd (SR 1173)	Coddle Creek	Widening	4 lane w/ TWLTL	4J	125	4D AND 4B
Plaza Rd Ext	Rocky River Rd	Larewood Dr	Widening	2 lane	3E	90	3C
Raging Ridge Rd Ext	Robinson Church Rd (SR 1166)	Hickory Ridge Rd	New Location	N/A	3E	90	N/A
Raging Ridge Rd	Hickory Ridge Rd	Stallings Rd	Widening	2 lane	3E	90	N/A
Raging Ridge Rd Ext	Stallings Rd	Pharr Mill Rd	New Location	N/A	3E	90	3C
Hickory Ridge Rd (SR 1138)	Roberta Rd Ext	Raging Ridge Rd	Widening	2 lane	4J	125	4G
Hickory Ridge Rd (SR 1138)	Raging Ridge Rd	Lower Rocky River Rd	Widening	2-3 lane	3C	80	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	WINDSWEPT 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!

RESOLUTION ADOPTING MODIFICATION #6 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 26th day of May, 2021.

I, Lori Furr, Transportation Advisory Committee Chairman, do hereby certify that the above is a true and correct copy of the excerpt from the minutes of a meeting of the Cabarrus-Rowan Transportation Advisory Committee, duly held on the 26th day of May 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-5619 ROWAN PROJ.CATEGORY DIVISION	- CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION	GRANTS CREEK GREENWAY, CATAWBA COLLEGE TO KELSEY SCOTT PARK IN SALISBURY. CONSTRUCT MULTIUSE PATH. <u>MODIFY DESCRIPTION TO REFLECT CORRECT SEGMENT SEQUENCING PER CITY OF SALISBURY (SEE SEGMENTS A, B, AND C).</u>				
EB-5619A ROWAN PROJ.CATEGORY DIVISION	- CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION	GRANTS CREEK GREENWAY, CATAWBA COLLEGE TO EXISTING GREENWAY IN SALISBURY. CONSTRUCT LOW-WATER BRIDGE GREENWAY CONNECTION. <u>MODIFY DESCRIPTION TO REFLECT THE TERMINI PREFERRED BY THE CITY OF SALISBURY.</u>				
EB-5619B ROWAN PROJ.CATEGORY DIVISION	- CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION	GRANTS CREEK GREENWAY, EXISTING GREENWAY AT FORESTDALE DRIVE TO WILTSHIRE VILLAGE. CONSTRUCT MULTIUSE PATH. <u>MODIFY DESCRIPTION TO REFLECT THE TERMINI PREFERRED BY THE CITY OF SALISBURY.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2020 - FY 2020 - FY 2023 - FY 2023 -	\$660,000 \$165,000 \$1,151,000 <u>\$288,000</u>	(BGDA) (L) (BGDA) (L)
EB-5619C ROWAN PROJ.CATEGORY DIVISION	- CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION	GRANTS CREEK GREENWAY, WILTSHIRE VILLAGE TO KELSEY SCOTT PARK. CONSTRUCT MULTIUSE PATH. <u>MODIFY DESCRIPTION TO REFLECT THE TERMINI PREFERRED BY THE CITY OF SALISBURY.</u>	ENGINEERING CONSTRUCTION	FY 2021 - FY 2021 - FY 2023 - FY 2023 -	\$294,000 \$74,000 \$1,882,000 <u>\$470,000</u>	(BGDA) (L) (BGDA) (L)
					<u>\$2,264,000</u>	

* INDICATES FEDERAL AMENDMENT

REVISIONS TO THE 2020-2029 STIP
HIGHWAY PROGRAM

CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION

STIP MODIFICATIONS

P-5726 ROWAN PROJ.CATEGORY REGIONAL	- CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION	NORFOLK SOUTHERN, NS MAINLINE IN ROWAN COUNTY. CONSTRUCT TRACK IMPROVEMENTS, SECOND PLATFORM, PEDESTRIAN UNDERPASS, SITEWORK, RETAINING WALL AND SIGNAL EQUIPMENT.	CONSTRUCTION	FY 2022 -	\$269,000	(T)
				FY 2022 -	\$780,000	(O)
				FY 2023 -	\$7,025,000	(T)
				FY 2024 -	<u>\$7,026,000</u>	(T)
					\$15,100,000	
		<u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>				
* 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.	RIGHT-OF-WAY	FY 2022 -	\$3,400,000	(T)
			UTILITIES	FY 2022 -	\$1,050,000	(T)
				FY 2023 -	\$1,050,000	(T)
			CONSTRUCTION	FY 2025 -	\$4,050,000	(T)
				FY 2026 -	<u>\$4,050,000</u>	(T)
		\$13,600,000				
		<u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>				
Y-4810K CABARRUS PROJ.CATEGORY STATEWIDE	- CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION	NORFOLK SOUTHERN MAINLINE, GRADE SEPARATION AT ROGERS LAKE ROAD CROSSING (724408Y) IN KANNAPOLIS.	CONSTRUCTION	FY 2023 -	\$4,000,000	(T)
				FY 2023 -	\$450,000	(O)
				FY 2024 -	\$4,000,000	(T)
				FY 2025 -	<u>\$4,000,000</u>	(T)
					\$12,450,000	
		<u>TO ASSIST IN BALANCING FUNDS, DELAY CONSTRUCTION FROM FY 22 TO FY 23.</u>				

* INDICATES FEDERAL AMENDMENT

Thursday, April 8, 2021

Cabarrus-Rowan MPO

Prioritization 6.0 STIP/MTIP Project Solicitation and Ranking Process

Introduction: The NCDOT and the North Carolina General Assembly are requiring that all metropolitan and rural planning organizations develop a project solicitation and ranking process to evaluate all eligible project categories (highway, non-motorized, public transportation, aviation, rail, and ferry). The following process has been approved by the NCDOT to ensure compliance with the legislative intent of this new requirement as stated in Session Law 2012-84.

Applicability: This process would apply to all projects ranked by the MPO in Cabarrus and Rowan counties that are eligible for “regional” and “division” tier funding, as defined in the 2013 Strategic Highway Investments (STI) legislation. Statewide tier eligible projects would be evaluated quantitatively by NCDOT prior to this process. Should those statewide projects not receive statewide tier funds, they would be eligible for regional and division tier evaluation by NCDOT and the MPO local MTIP evaluation process.

Schedule

Project Solicitation: The MPO will solicit candidate projects for a minimum of 28 days beginning in October 2018. Those candidate projects will be presented to the TAC at the March 27, 2019 meeting, where the TAC endorsed the project list for submittal and evaluation by NCDOT. In the event that the number of new projects exceeded the maximum acceptable to NCDOT, the TAC would endorse projects based on technical review by the TCC, Division 9 and 10 staff recommendations. MPO staff will subsequently submit the MPO’s endorsed projects into NCDOT’s SPOT Online tool (web-based system) for project evaluation and quantitative scoring.

Project Ranking: The TCC and TAC will evaluate the full list of new and previously-scored projects for the two counties between September 2021 and April 2022, with local points assigned and submitted to the SPOT office by the April 30, 2022 deadline.

Schedule Summary:

October 2018 to January 2019 – Public solicitation of new candidate projects

October 2019 to July 2020 – Submit candidate projects to NCDOT for evaluation

April 2021 to May 2021 – TCC and TAC receive public comments and review data and costs

September 2021 to November 2021 – Review of SPOT evaluation results of proposed regional tier projects

September 22, 2021 MPO meeting – Allocate local points to regional tier projects and develop NCDOT project submittal list / post results to CRMPO website for public comments

October 27, 2021 - review public comments and endorse final regional tier project’s list for submittal to NCDOT

February 2022 to April 2022 – Review of SPOT evaluation results of proposed division tier projects

February 23, 2022 MPO meeting – Allocate local points to division tier projects and develop NCDOT project submittal list / post results to CRMPO website for public comments

April 27, 2022 - review public comments and endorse final division tier project’s list for submittal to NCDOT

April 30, 2022 – Submit SPOT projects and publish information on CRMPO website

Public Input Process

Project Solicitation: The MPO will announce a 28-day new project solicitation period to all member governments and interested persons. The MPO will publicize the project solicitation on the MPO's website. Any new project will be presented to the TCC and TAC for their approval prior to submission to NCDOT's Strategic Prioritization Office for Transportation (SPOT) for technical evaluation and scoring.

Project Ranking: The MPO will present the recommended local point assignments to the TCC at their August 2021 and February 2022 meeting(s). Upon the approval of the TAC, the MPO will release the recommended projects, point assignments, and a narrative of how the points are assigned for a 28-day public comment period. The 28-day period will be advertised on the MPO website and in newspapers of general circulation in Cabarrus and Rowan counties as well as the County Planning Offices in Salisbury and Concord. The results of the public input will be presented to the TCC and TAC at their September 2021 and April 2022 meeting(s). At that time the TAC will be asked to approve a project list and final point assignment, which will be published on the MPO website (www.crmpo.org).

Local Input Point Flexing: The MPO has the option to apply the Local Input Point Flexing Policy, which means that up to 500 Local Input Points can be transferred from one category to the other. The MPO will provide written documentation to the SPOT Office prior to assigning Regional Tier Local Input Points. The MPO may elect not to exercise this flexibility depending upon the volume of eligible candidate projects.

Ranking Process

Highway Projects: All highway projects both division tier and regional tier will be scored using the following local criteria. The NCDOT has determined that MPO input will be weighted at 15 percent of the total score for regional tier projects and 25 percent of the total score for division tier projects. The NCDOT Division Engineer's will be afforded the same level of influence through their project point assignment for regional tier and division tier eligible projects.

The total maximum qualitative highway project score would be 50 points. Because the congestion score and safety score will be generated quantitatively by NCDOT, these scores will fluctuate with each version of SPOT's quantitative formula. Under SPOT version 5.0, the highest congestion score was an 92.77, weighted to a score of 28 in the local methodology. The highest safety score was an 59.36, weighted to a score of 9. Therefore, the maximum theoretical score for a highway project would be 77.3 under this scenario.

1. **Element of the Metropolitan TIP** - The project must be in the CR MPO Metropolitan Transportation Improvement Program (MTIP). (If project is fully funded =10 points; Partially funded = 7 points; Unfunded = 5 points)
2. **Element of the Comprehensive Transportation Plan** - The project must be in the CR MPO Comprehensive Transportation Plan. (Yes=5 points; No=0 points)

3. **Element of an Economic or Land Development Plan** - The project must be in a locally adopted economic or land development plan. (Yes=5 points; No=0 points)
4. **Element of the 2045 Metropolitan Transportation Plan** - The project must be in the fiscally constrained CR MPO 2045 Metropolitan Transportation Plan. (Yes=10 points; No=0 points)
5. **Congestion Score** - This item refers to the Volume to Capacity (V/C) ratio for road projects using a score from the SPOT database. This numerical score will be multiplied by 30 percent to produce the final congestion score. This score will come from the SPOT database.
6. **Safety Score** - For safety, the numerical crash score is determined by the NCDOT Mobility and Safety Division. The score is based on the crash density, crash severity, and critical crash rate long the roadway where the project is located. A higher score (up to 100) are considered to have poorer highway safety performance. This numerical score will be multiplied by 15 percent to produce the final safety score. This score will come from the SPOT database.
7. **Promotes Interstate or Intrastate Connections** - Points are awarded for this item if the project provides connections or enhancements to the interstate or intrastate highway system. (Yes=10 points; No=0 points)
8. **Has Minimal Impacts on the Natural or Built Environment** - Points are awarded if the road project is on a recognized alignment where there is minimal right-of-way impact. This criteria is a qualitative assessment by local staff and will not include a statistical evaluation of disturbed acres. (Yes=5 points; No=0 points)
9. **Has Minimal Impacts on the Human Environment** - Points are awarded if the road project is on a recognized alignment where there is minimal right-of-way impact to residential properties, particularly minority or low income residents. This criteria is a qualitative assessment by local staff and will not include a statistical evaluation of displaced residents. (Yes=5 points; No=0 points)

Bicycle and Pedestrian Projects: All bicycle and pedestrian projects will be scored using the following local criteria. All data for each criteria will be locally generated for each prospective bicycle and pedestrian project. The total maximum qualitative bicycle and pedestrian project score would be 100 points. Under the previous SPOT submittal process, the maximum local score for a bicycle project was 66 and the maximum local score for a pedestrian project was 76.

BICYCLE AND PEDESTRIAN PRIORITIZATION CRITERIA			
Criteria	Points Allowed	Points Awarded	Notes
1. % of ROW, easements, and or real property owned	25	1 point per 10%	Amount of publicly owned land easements, and/or real property for the proposed project improvement. Additional 15 points if 100 percent of ROW, easement, and/or real property are

			owned publicly.
2. Amount of local funding available as a percentage of the total project costs	10	5 pts for up to 20%; 10 pts greater than 20%	The amount of local funding available for the project.
3. Access to School, Park, Transit stop, or Library	15	Yes/No	Project improvement is within ½ mile of a school, park, transit stop, or library.
4. Access to population density	10	Relative rank	The persons per square mile within ½ mile of the project improvement.
5. Network, which could include sidewalk, greenway, transit route, or trail, existing to support improvement	10	1 point per access point	The number of road and non-road physical access points per mile to the project improvement. (Driveways are not included).
6. Mix of residential and employment uses for potential to provide non-auto work trip and related travel	10	5 points for planned; 10 points for existing	Does the project improvement connect residential development with shopping or employment center?
7. Included on a local greenway, pedestrian or other Plan	10	Yes/No	Identified in a planning document with local government approval.
8. Project design	10	Yes/No	Has there been a preliminary plan or design completed on the project improvement?
Total	100		

Aviation Projects: All aviation projects will be scored using the following local criteria. All data for each criteria will be locally generated for each prospective aviation project, although items 1, 4, 5, and 6 will require information from external sources to the MPO and local membership. The total maximum qualitative aviation project score would be 40 points. Under the previous SPOT submittal process, the maximum local score for an aviation project was 26.

1. Element of Statewide System Plan - Must be identified and approved by NcDOA in the STIP projects. -Yes-5 No-0
2. Airport must have an approved Master Plan and approved ultimate ALP and project must be element of Master Plan-Yes- 5 No- 0

3. Element of Governing Authority CIP plan-Project must be part of an approved Capital Improvement Plan-Yes- 5, No- 0
4. Airport FAA Classification- or General Aviation Airport Group- Commercial Service-10, General Aviation Airports by Category. National-7, Regional-5, Local-3, Basic-1.
5. Congestion-Number of Airport operations -250,00+ -10, 100,000-250,000 – 5, 50,000-100,000 – 3, Less than 50,000 – 1
6. Safety Related Projects- Is project a safety related project in accordance with FAA guidance? Yes-5, No-0. If all safety related projects are complete then project receives 5 points.

Public Transit Capital Projects: All public transit capital projects will be scored using the following local criteria. All data for each criteria will be locally generated for each prospective transit capital project. The total maximum qualitative public transit capital project score would be 45 points. Under the previous SPOT submittal process, the maximum local score for a transit project was 30.

1. Element of a current Planning Document. -5 points in STIP, 5 points in TDP/Other
2. Access to employment. Yes- 5 No- 0
3. Factor in improving safety or security. – 5 points for safety, 5 points for security
4. Intermodal Connectivity. – 5 points for (3) or more modes, 3 points for (2) or more modes.
5. Local Funding Availability. – 5 points for 50+ percent funding, 3 points for 20 to 50 percent funding, 1 point for less than 20 percent.
6. Access to Bike/Ped projects. 1 point per connection for a max of 5 pts.
7. Preservation of existing level of service. Yes -5 No-0

Rail Projects: All rail projects will be scored using the following local criteria. The total maximum rail project score would be 70 points. Under the previous SPOT submittal process, the maximum local score for a rail project was 49.

1. Element of Statewide or Local System Plan - Must be identified and approved by NCDOT Rail as a potential STIP project. Yes-15 No-0
2. Project addresses an identified facility safety issue. This quantitative score will come from the SPOT database and be multiplied by 15 percent to produce the final safety index score.

3. Project expands facility capacity. This quantitative score will come from the SPOT database and be multiplied by 30 percent to produce the final capacity index score.
4. Local support of the project as demonstrated thru an adopted resolution by a local governing Board. Yes-10 No-0

Use of Public Input and Comments in Final Rankings: The TCC and TAC will review all input received through the public input process to confirm the individual candidate project descriptions and details. (All TCC and TAC meetings are open to the public and advertised with the local media and on the MPO website.) The TCC and TAC may choose to remove or modify projects before ultimately approving the point assignments, but no projects can be modified or added after the NCDOT deadline for submitting candidate projects for evaluation through the SPOT process.

Final Ranking and Local Points Assignment: All eligible projects by tier (Regional or Division) could receive some variation of points with the maximum being 100 points per project. NCDOT has indicated that the Cabarrus-Rowan MPO will receive 1700 points to distribute for Regional tier eligible projects and 1700 points to distribute for Division tier eligible projects. The intent of the MPO is to award the maximum number of points (100) within each category (division and regional) to the top 17 highway projects. If the MPO elects to award points to projects outside the quantitative rank order and/or to non-highway projects, a justification for this adjustment will be shared with the public and interested stakeholders during the public comment period and on the MPO's website (www.crmppo.org). As an example, some consideration may be given to competitive rank within the division (9 or 10) and funding region (D and E) by mode. Project point assignment or adjustment to non-highway mode projects based on this logic will be properly documented in the published narrative.

Cabarrus-Rowan MPO
Transportation Update
May 04, 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)	April 16, 2019	Anticipated Oct. 1, 2021	57% Complete	\$16,273,639	Blythe Development Co.	Kelly Seitz, PE (704)630-3220	Blythe Development is Diamond Grinding when weather conditions allow. Night work has resumed on the project. Anticipated completion date is October 1, 2021.
R-5789F 44919.3.7 R-5789G 44919.3.8 (DI00235)	ADA Ramps at Various Locations in Davidson, Davie, Forsyth and Rowan Counties	Jan. 14, 2021	March 31,2022	Availability date March 1, 2021	\$2,524,367	Little Mountain Builders of Catawba County, Inc	Kelly Seitz, PE (704)630-3200	Project was let January 13, 2021. Date of availability is March 1, 2021. Preconstruction meeting was held February 23. Contractor plans to begin work in mid April.
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.	Dec. 9, 2020	Nov. 15, 2021	Availability date March 17, 2021	\$3,452,110	J.T. Russell & Sons, Inc.	Kelly Seitz, PE (704)630-3200	Date of availability is March 17, 2021. Preconstruction meeting scheduled for March 3, 2021 Contractor plans to begin work in mid April.
EB-5619A 56033.3.2	Grants Creek Greenway - Construct Multi-use trail from Forestdale Dr to Catawba College in Salisbury	June 11, 2020**	Sept. 30, 2021	Contract Awarded	\$414,083	Dane Construction	Jeff Turner (336)747-7800	*Schedule based on Adjusted 2020-2029 STIP - Non-DOT let (LAP) - Construction Authorization granted Oct., 2019. Contract awarded June, 2020. Notice to Proceed May 5, 2021.
17BP.9.R.75	Replace Bridge #64 over Beaverdam Creek on SR 1952 (Godbey Rd) in Rowan County	April 28, 2021	Sept 17, 2021 (except perm vegetation)	Project available June 1, 2021	\$814,269	Smith-Rowe	Daniel Dagenhart (336)747-7800	
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)	Project available May 10, 2021	\$547,805	NJR Group, Inc.	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	Oct. 19, 2021	TBD	ROW Acquisition in progress	\$16,200,000	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
B-5772 45728.3.1	Replace Bridge #66 over Norfolk Southern RR on SR 1724 (Hurley School Rd) in Rowan County	Feb. 15, 2022	TBD	ROW Acquisition Feb. 19, 2021	\$1,950,000	TBD	Kevin Fischer, PE (919)707-6514	*Schedule based on Adjusted 2020-2029 STIP. Design in Progress.
BP9-R004 BP9-R004.3 (formerly 17BP.9.R.78)	Replace Bridge #235 over Unnamed Creek on SR 1322 (Ebenezer Rd) in Rowan County	Sept. 27, 2023	TBD	ROW Acquisition March 24, 2023	\$750,000	TBD	Daniel Dagenhart (336)747-7800	*This project has been temporarily suspended due to project prioritization.*
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	Aug. 23, 2024	TBD	ROW Acquisition Feb. 23, 2024	\$1,500,000	TBD	Daniel Dagenhart (336)747-7800	Division POC Let (DPOC) - In development. *This project has been temporarily suspended due to project prioritization.*
P-5726 47604.3.1 (C204343)	NS Main - Construct Track Improvements, Second Platform, Pedestrian Underpass, Sitework, Retaining Wall, and Signalling Equipment	Nov. 16, 2021	TBD	ROW Acquisition in progress	\$15,100,000	TBD	Matthew Simmons, PE (919)707-4117	* Schedule based on Adjusted 2020-2029 STIP - Raleigh Let
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	\$2,600,000	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	Brett Abernathy, 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	Feb. 15, 2022	TBD	Utility Relocation in Progress	\$14,000,000	TBD	Brett Abernathy, PE (336)747-7800	DDRL - Raleigh Let - Design is in progress - Currently working on signal design, water/sewer design and finalizing plans for letting.

Cabarrus-Rowan MPO
Transportation Update
May 04, 2021

TIP / WBS No.	Description	Let Date	Completion Date	Status	Construction Cost	Contractor	Project Administrator	Comments
PROJECTS UNDER DEVELOPMENT								
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	\$30,616,000	TBD	Brett Abernathy, PE (336)747-7800	DDRL - Raleigh Let. Rowan County Commissioners provided a resolution of support for an alternate that connected to Peach Orchard Rd. on the east side of US 29. NCDOT has met with our consultant and we have scoped the next phase of the project. We will essentially start over by looking at the additional area east of the airport for the new alignment including a new grade separated crossing of the railroad. Let date has been adjusted to reflect the effort to prioritize project delivery. *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	\$21,900,000	TBD	Brett Abernathy, PE (336)747-7800	DDRL - Based on Approved STIP R/W will remain in FY 2024 but construction will be delayed to FY 2027. Currently working with our design firm to continue the planning work where we stopped last year. Let date has been adjusted to reflect the effort to prioritize project delivery. *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	Aug. 18, 2026	TBD	ROW Acquisition Aug. 30, 2024	\$600,000	TBD	Brett Abernathy, PE (336)747-7800	* Schedule based on Adjusted 2020-2029 STIP - Division POC (DPOC)
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	March 23, 2022	TBD	ROW Acquisition in progress	\$700,000	TBD	Brett Abernathy, 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	Brett Abernathy, PE (336)747-7800	Division POC (DPOC) - ROW complete, utilities complete - *The PE work for this project has been temporarily suspended.*
Z-5800IA 44806.3.12	Railway-Highway grade crossing safety project at SR 1753 (Umberger Rd) and Norfolk Southern Crossing #721597M in Mount Ulla	June 30, 2021	TBD		\$25,000	TBD	Nancy Horne	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	June 30, 2021	TBD		\$30,000	TBD	Nancy Horne	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 19, 2021	TBD	ROW Acquisition approved to move forward	\$462,500	State Forces	Brett Abernathy, 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, 2021	TBD		\$361,000	State Forces	Brett Abernathy, PE (336)747-7800	High Impact Low Cost (HILC) project - On hold pending approved state budget
DIVISION BRIDGE PROJECTS UNDER DEVELOPMENT								
15BPR.74	Bridge Rehabilitation - Bridge #137 and #465 on I-85 over Yadkin River.	April 15, 2025	TBD		\$4,200,000	TBD	Keith Paschal, PE	New - In development
17BP.9.R.58	Replace Bridge #261 over Fork of Grant's Creek on SR 1541 (Stirewalt Rd) in Rowan County	Sept. 22, 2021	TBD	ROW Acquisition March 28, 2021	\$750,000	TBD	Daniel Dagenhart (336)747-7800	Planning and Design underway.
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	\$675,000	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	Oct. 26, 2022	TBD	ROW Acquisition March 26, 2022	\$700,000	TBD	Daniel Dagenhart (336)747-7800	Planning and Design underway - working on 65% plans.
17BP.9.R.82	Replace Bridge #248 over Prong of Grant's Creek on SR 1211 (Kimball Rd) in Rowan County	March 30, 2022	TBD	ROW Acquisition Sept. 25, 2021	\$775,000	TBD	Daniel Dagenhart (336)747-7800	Planning and Design underway.

Cabarrus-Rowan MPO
Transportation Update
May 04, 2021

TIP / WBS No.	Description	Let Date	Completion Date	Status	Construction Cost	Contractor	Project Administrator	Comments
DIVISION BRIDGE PROJECTS UNDER DEVELOPMENT								
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	\$1,400,000	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	Feb. 8, 2023	TBD	ROW Acquisition Aug. 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	Feb. 28, 2024	TBD	ROW Acquisition Aug. 12, 2023	\$900,000	TBD	Daniel Dagenhart (336)747-7800	*This project has been temporarily suspended due to project prioritization.*
LOCALLY ADMINISTERED PROJECTS								
C-5603D 43713.3.4	Construct sidewalks on Old Concord Rd from Ryan St to Jake Alexander Blvd	Sept. 30, 2021	TBD	ROW Acquisition May 29, 2020	\$414,000	TBD	Brett Abernathy, PE (336)747-7800	Non-DOT let (LAP) - City of Salisbury - in design
C-5603H 43713.3.8	Brenner Ave from Statesville Blvd. to W Horah St and Brenner Ave. at Link Ave. in Salisbury	Sept. 30, 2021	TBD	ROW Acquisition June 30, 2020	\$130,000	TBD	Brett Abernathy, PE (336)747-7800	Non-DOT let (LAP) - City of Salisbury - in design
EB-5619B 56033.3.3	Grants Creek Greenway - Construct Multi-use trail from Kelsey Scott Park to Forestdale Dr in Salisbury	Sept. 29, 2021	TBD	ROW Acquisition in progress	\$1,070,000	TBD	Brett Abernathy, PE (336)747-7800	*Schedule based on Adjusted 2020-2029 STIP - NON-DOT let (LAP) - Right-of-way phase authorized Oct. 24, 2019
COMPLETED PROJECTS								
17BP.9.R.61 17BP.9.R.104 (C203681)	Express Design Build - Replace (2) Bridges in Davidson, (1) in Davie, (3) Bridges in Rowan, and (4) Bridges in Stokes County.	May 19, 2015	Nov. 6, 2020	100% Complete	\$10,642,621	Smith-Rowe, LLC	Larry Shaver (336)249-6255	Express Design Build Contract - Contractor has completed all work on project
2020CPT.09.07.10801 2020CPT.09.08.20801 (C204269)	Contract resurfacing on Primary Routes including (1) section of US 52 and (16) sections of Secondary Routes, totaling 25.843 miles, in Rowan County	Dec. 18, 2018	Feb. 17, 2021	100% Complete	\$5,750,915	J.T. Russell & Sons, Inc.	Kelly Seitz, PE (704)630-3200	Project was completed and accepted on February 17, 2021
48694	Installation of new 18" crossline pipe by bore across SR 2538 (Peeler Rd) in Rowan County	March 23, 2020	Complete	100% Complete	\$40,000	State Forces	Brett Abernathy, PE (336)747-7800	
C-5160 46225.3.3	Construct bike lanes on Newsome Rd in Salisbury	Feb 18, 2020	April 17, 2021	100% Complete	\$2,170,616	JT Russell & Sons Co., Inc	Jeff Turner (336)747-7800	Project Complete. Working on Final Payments and Closeout.
I-3802B I-3804 I-3610 B-5365 36780.3.GV3 38708.3.1 (C203702)	DESIGN BUILD - I-85 from N. of Lane Street (Exit 63) in Cabarrus Co to US 29/601 Connector (Exit 68) in Rowan Co. Includes converting grade separation to Interchange on I-85 at SR 1221 (Old Beatty Ford Rd) near Landis (I-3804), I-85 interchange revisions at US 29/NC 152 (I-3610) and replacing Bridge #21 and #34 on US 29/NC 152 over NSRR in China Grove (B-5365)	Feb. 25, 2016	Estimated April 14, 2021	99.9% Complete	\$115,033,118	The Lane Construction Group	Kelly Seitz, PE (704)630-3220	DESIGN BUILD - Erosion Control closeout items are all that remains, Estimated completion April 14, 2021
U-5608 45836.3.1 (DI00200)	Grading, Drainage, Paving, Widening, Resurfacing, Signing, and Signals on SR 1211 (Coach Deal Dr) from SR 1221 (Bostian Rd) to SR 1242 (N Chapel St) in China Grove and Landis	June 27, 2018	Estimated Dec. 31, 2020 (perm. vegetation established March 05, 2021)	99.9% Complete	\$4,485,225	North State Environmental, Inc.	Mezak Tucker, PE (704)630-3200	Work began on August 2, 2018. A project final inspection was held December 1, 2020 - The only outstanding items are vegetation establishment and closing out the waste pits.
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 (perm. vegetation established May 30, 2021)	99% Complete	\$12,689,162	NJR Group, LLC	Kelly Seitz, PE (704)630-3220	Waiting for 80% permanent vegetation establishment; anticipated to be completed by end of May 2021.
48694	Installation of new 18" crossline pipe by bore across SR 2538 (Peeler Rd) in Rowan County	March 23, 2020	Complete	100% Complete	\$40,000	State Forces	Brett Abernathy, PE (336)747-7800	
44370	Installation of permanent traffic signal and concrete barrier wall on SR 2140 (St Matthews Church Rd) causeway in Rowan County, to allow for single lane operation. Project needed due to delay in long term repair.	TBD	Installation of permanent traffic signal is complete		\$275,000	State Forces	Brett Abernathy, PE (336)747-7800	High Impact Low Cost (HILC) project

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 Kannaopolis 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	April 15, 2021	98% Complete	\$249,166,172	Blythe Construction	NCDOT Chris Fine 704-983-4380 Work currently ongoing at Dale Earnhardt Blvd and US 29/601. Project expected to be fully complete by July 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 <i>PROJECTED</i>	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	61 % Complete	\$ 34.1 M	JT Russell	NCDOT Jon Hinson 980-523-0085 ACTIVE PROJECT. A section of Dale Earnhardt Blvd. will be closed until Spring 2021
	U-4910	SR 1445 Derita Rd. Concord Poplar Tent Rd.- TO-Meck County Line.	LET February 2017	March 30, 2022	70 % 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 by late Summer 2021. Bridge construction to be complete in the late Summer 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	SR 1394 Poplar Tent Rd. Concord I-485-TO-Concord Mills Blvd. Widen to 6 lanes.	LET June.20,2023	2026 PROJECTED	75% Plans	\$ 25,000,000 EST.	KCI	NCDOT Donald Griffith 704-983-4418	ACTIVE PROJECT. Currently in Design. PE work continuing. ROW acquisition was set to begin, but was put on hold.
	U-5956	US 29 Concord. Realign Union Cemetery Rd.-TO-Intersect US 29 at Rock Hill Church Rd.	R/W-2021 LET 2023	2025 PROJECTED	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 PROJECTED	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 continuing.
	U-5806	Concord Mills Flyover. Concord I-85-TO-Concord Mills Mall. Construct a flyover to the first mall entrance.	LET December 2017	December 26.,2021 PROJECTED	68 % 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 the Fall of 2021.

CONGESTION 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. Working on project closeout.
	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 ACCEPTED ON JUNE 29, 2020 All WBS elements in C50. Final Invoice sent to the City of Concord on 12/2/20.

HIGHWAY SAFETY PROJECTS

S	47866/ SS-4910CK	Poplar Tent Rd. at Rock Hill Church Rd. & Eva Dr. Concord Intersection improvements.	R/W-2021 LET May 2022	TBD	In R/W Page 29	\$ 1.1 M	TBD	NCDOT Donald Harward 704-983-4400	PROJECT ON HOLD High Impact/Low Cost Printed on 5/12/21
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	TIP/WBS No#	DESCRIPTION	LET DATE	COMPLETION DATE	STATUS	CONSTRUCTION COST	CONTRACTOR	PROJECT ADMINISTRATOR	COMMENTS
A F E T Y	W-5601HQ 47858	NC 3 Concord and Odell School Road. Install a Roundabout	LET July 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 March 2022	TBD	Ready to LET	\$ 2.69 M	TBD	NCDOT Donald Harward 704-983-4400	PROJECT ON HOLD Design is Complete, pending City of Kannapolis replacing existing waterline under Lane Street.
	W-5710AO	Salisbury-Concord Rd/ Old Concord Rd. Kannapolis -TO-Irish Potato Road. Install Roundabout.	LET May 2022	TBD	In Design	\$ 1.15 M	TBD	NCDOT Donald Harward 704-983-4400	Project Approved to move Forward.

BRIDGE PROJECTS

B R	B-5136	US 29/601. Concord NC 73-TO-Davidson Dr. Replace bridges 66 & 69.	LET August 2015	March 15, 2021	97 % Complete	\$ 13.1 M	HRI Bridge Co.	NCDOT Jon Hinson 980-523-0085	ACTIVE PROJECT. Bridge is complete and traffic is in final pattern. Contractor preparing to place final asphalt surface.
	17BP.10.R.104	Bridge 120250 / Ben Black Rd. Midland Replace bridge over Clear Creek.	N/A	N/A	N/A	Not Going Forward with Project	N/A	NCDOT Garland Haywood 704-975-2795	Project is NOT moving forward and the bridge will be maintained without need to warrant replacement for now.
	17BP.10.R.144	Bridge 120053 / SR 2114 (Centergrove Rd.) Kannapolis over Cold Water Creek.	LET Scheduled 4-21-2021	April, 2022	0% Complete - Project Not Yet Let	\$1,605,000	TBD	NCDOT Garland Haywood 704-975-2795	Design is complete and awaiting LET date.
	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.

	TIP/WBS No#	DESCRIPTION	LET DATE	COMPLETION DATE	STATUS	CONSTRUCTION COST	CONTRACTOR	PROJECT ADMINISTRATOR	COMMENTS
I	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.R.139	Bridge 1200239 / Main Street (SR 1006). Mt. Pleasant Replace bridge over Adams Creek.	LET April 2020	MAY, 2021	86.0 % Complete	\$1,210,000	APAC Atlantic	NCDOT Raymond Gerdus 704-634-9837	Bridge was open to traffic on December 17, 2020. Waiting for Veg. establishment to close the project.
G	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.
E	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.
P	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	Bridge 120137 / 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.
O	BP10.R015	Bridge 120129 / SR 2635. (Old Airport Rd.) Concord over Cold Water Creek.	LET April 2022 <i>Pending</i>	December, 2022	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.
J	BP10.R020	Bridge 120101 / SR 2453 (Lentz-Harness Shop Rd.) over Little Bear Creek	LET September 2021 <i>Pending</i>	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.
E	BP10.R010	Bridge 120245 / SR 1309 (Stough Rd.) over Wolf Meadow Creek	LET April 2022 <i>Pending</i>	March, 2023	0% Complete - Project Not Yet Let	\$770,000	TBD	NCDOT Garland Haywood 704-975-2795	Currently in Design. Plan development will resume in anticipation of scheduled LET date.
C	17BP.10.R.144	Bridge 120053 / SR 2114 (Centergrove Rd.) Kannapolis over Cold Water Creek.	LET Scheduled 4-21-2021	March, 2022	0% Complete - Project Not Yet Let	\$1,605,000	TBD	NCDOT Garland Haywood 704-975-2795	Design is complete and awaiting LET date.

TIP/WBS No#	DESCRIPTION	LET DATE	COMPLETION DATE	STATUS	CONSTRUCTION COST	CONTRACTOR	PROJECT ADMINISTRATOR	COMMENTS	
T S	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			\$211,000		NCDOT Garland Haywood 704-975-2795	
	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 <i>Pending</i>	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.

MUNICIPAL PROJECTS

U-5522	Concord Traffic Management Center. ITS/Signal.	LET July 2018	April 2, 2021	5.0 % Complete (Last Project)	\$ 732 K	Traffic Control Devices	City of Concord Oversight Tim Canup 704-213-2107	3 separate projects. Last project is under construction. Construction began 10/26/20.
C-5159	Kannapolis Roxie St & NC 3-TO-Dale Earnhardt Blvd. Street Improvements	SCOPE	MOVED TO	% Complete	\$	I-85	City of Concord	Deleted from 2020-2029 STIP. THIS PROJECT HAS BEEN ADDED TO THE I-85 PROJECT.

	TIP/WBS No#	DESCRIPTION	LET DATE	COMPLETION DATE	STATUS	CONSTRUCTION COST	CONTRACTOR	PROJECT ADMINISTRATOR	COMMENTS
M U N I C I P A L P R	C-5161	Greenway MUP. Kannapolis - Irish Buffalo Creek Greenway. Construct greenway.	LET June 2019	April 1, 2021	93 % Complete	\$ 2.85 M	J. D. Goodrum, Inc.	City of Concord Oversight Tim Canup 704-213-2107	Behind schedule, grading complete, bridges set, base and paving remain.
	EB-5902	Concord Downtown Pedestrian Signal Upgrades	LET March 2020	November, 2020	% 0 Complete	\$198,435	ALS	City of Concord NCDOT Garland Haywood 704-975-2795	Project Provides 120 consecutive calendar days fo completion of the entire projects and work is expected to begin August 2020 due to utility conflicts. City of Concord Discussing Supplemental Agreement to revise contract to account for open cutting and repaving intersection locations
	EB-5903	Union Street Concord Sidewalk Extension	LET December 2019	March, 2021	90 % Complete	\$879,280	Performance Management Construction	NCDOT Garland Haywood 704-975-2795	Project Provides 120 consecutive calendar days fo completion of the entire projects and work began August 5, 2020 due to traffic control conflicts with utility contractor trying to move their service lines.
	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 PROJECTED	25 % Complete	\$ 6 M	HNTB	NCDOT Sean Epperson 704-983-4400	PROJECT ON HOLD
	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)

	TIP/WBS No#	DESCRIPTION	LET DATE	COMPLETION DATE	STATUS	CONSTRUCTION COST	CONTRACTOR	PROJECT ADMINISTRATOR	COMMENTS
O J E C T S	C-5603E	SR 1120 (Bethel School Rd.) Construct Sidewalks and Crosswalks.	TBD	TBD	0% complete	108,029	TBD	Midland/Tim Kirk oversight NCDOT Preconstruction	Project in PE stage. Construction had been suspended due to funding availability. Suspension lifted 9/2/20. Construction authorization letter to be sent to Midland on 9/8/20.
	C-5603F	Bethpage Rd. From South Main St. -TO- Leoard Ave. and from Westgreen Dr. -TO- Klondale Ave sidewalk.	TBD	TBD	0% complete	208,000	TBD	Kannapolis/Tim Kirk oversight NCDOT preconstruction	PE suspended due to funding availability
	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	PE previously suspended due to funding availability was lifted in January. City submitted new design rates for review on (2/25/21).
	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

R 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 PROJECTED	0 % Complete	\$ 16.5 M	TBD	NCDOT Sean Epperson 704-983-4400	PROJECT ON HOLD
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TIP/WBS No#	DESCRIPTION	LET DATE	COMPLETION DATE	STATUS	CONSTRUCTION COST	CONTRACTOR	PROJECT ADMINISTRATOR	COMMENTS
VARIOUS PROJECTS								
V 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	70% Complete	\$5,036,205.00	Blythe Construction Company, Inc	NCDOT Marc Morgan 704-983-4380	All roads completed except for the following: NC 73, Plum Road, Windy Road, Mt. Pleasant Road, Flowes Stire Road East, Meeting Street and Clara Circle. These roads will be completed by 09/2021
A R-2533 CC (L)	Mt. Pleasant. NC 49 & NC 73	LET June 2019	January 20,.2021	97.42% Complete	\$300,000	Country Boy Landscaping, Inc.	NCDOT Bruce Myers 704-244-8263	Work is completed. Currently in the administrative and financial closeout phase.
R 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 R-5790JG 44920.3.15	LOCATION Installation of curb ramps.	LET March 2022	TBD	% Complete	\$ 3 M	TBD	Barrett Eatman	PROJECT ON HOLD
I 48794	Irish Potato Rd & Gold Hill Rd. Concord Scope has be changed w/ new findings.	LET February 2022	TBD	0 % Complete	\$ 1.5 M	TBD	NCDOT Donald Harward 704-983-4400	SCOPE HAS CHANGED High Impact/Low Cost Scope changing to an all way stop condition.
O 48795	NC 73 Concord Main St. (Mt. Pleasant Rd.) Install left turn lanes.	LET Summer 2021	TBD	Ready to LET	\$	TBD	NCDOT Donald Harward 704-983-4400	Project Approved to move Forward. Plans are Complete.
U SS - 6010D 48986.1.1 48986.3.1	NC 73 & Central Dr. Concord Roadway & Pavement Markings Improvements.	ON HOLD	ON HOLD	0 % Complete	\$23,000	TBD	NCDOT Tony Tagliaferri 704-983-4400	Scheduled for Spring '21 Construction - Spot Safety Project
S SS - 6010E 48987.1.1 48987.3.1	NC 73 & Cabarrus Ave. Concord Traffic Signal & Pavement Markings Revisions	ON HOLD	ON HOLD	0 % Complete	\$2,500	TBD	NCDOT Tony Tagliaferri 704-983-4400	Scheduled for Spring '21 Construction - Spot Safety Project
SS-4910DM 48485.1.1 48485.2.1	Roberta Rd. & Cochran Rd. Concord -TO- Brookville Ave. Mini Roundabout Construction	PENDING	TBD	In Design	\$	TBD	NCDOT Donald Harward 704-983-4400	PROJECT ON HOLD Spot Safety Project - Project to be reevaluated.

DATE: September 10, 2020

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 2021 Targets

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 2020, FHWA completed an assessment of target achievement for NCDOT's calendar year (CY) 2018 safety targets, based on the 5-year averages for 2014-2018 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 2018 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 2018

Performance Measures	5-year Rolling Averages			Target Achieved?	(Actual) Better than Baseline?	Met or Made Significant Progress?
	Target	Actual	Baseline			
	2014 - 2018	2014 - 2018	2012 - 2016			
Fatalities (5 Year Average)	1,207.3	1,392.4	1,340.4	No	No	No
Fatality Rate (5 Year Average)	1.114	1.206	1.226	No	Yes	
Serious Injuries (5 Year Average)	2,161.2	3,537.6	2,396.0	No	No	
Serious Injury Rate (5 Year Average)	1.988	3.028	2.184	No	No	
Non-motorized Fatalities and Serious Injuries (5 Year Average)	438.8	473.6	422.6	No	No	

Table 2 below shows what this determination would look like if the state’s methodology for establishing the CY 2018 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 2018

Performance Measures	5-year Rolling Averages			Target Achieved?	(Actual) Better than Baseline?	Met or Made Significant Progress?
	Target	Actual	Baseline			
	2014 - 2018	2014 - 2018	2012 - 2016			
Fatalities (5 Year Average)	38.9	40.0	43.2	No	Yes	No
Fatality Rate (5 Year Average)	1.169	1.111	1.290	Yes	Yes	
Serious Injuries (5 Year Average)	79.9	117.4	92.2	No	No	
Serious Injury Rate (5 Year Average)	2.378	3.219	2.725	No	No	
Non-motorized Fatalities and Serious Injuries (5 Year Average)	13.0	13.8	14.2	No	Yes	

2021 State Safety Performance Targets

2021 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/Crash%20Data%20and%20TEAAS%20System/Crash%20Data%20and%20Information/NC%20Performance%20Measures%20\(Final%20HSIP%20CY%202021%20Targets\).pdf](https://connect.ncdot.gov/resources/safety/Crash%20Data%20and%20TEAAS%20System/Crash%20Data%20and%20Information/NC%20Performance%20Measures%20(Final%20HSIP%20CY%202021%20Targets).pdf)

Table 3: North Carolina Calendar Year 2021 Safety Performance Targets

Performance Measure	CY 2021
Number of Fatalities	1,309.9
Rate of Fatalities	1.105
Number of Serious Injuries	3,656.1
Rate of Serious Injuries	3.065
Number of Non-Motorized Fatalities & Serious Injuries	504.4

2021 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/Crash%20Data%20and%20TEAAS%20System/Crash%20Data%20and%20Information/NC_PerformanceMeasuresData_2021Targets_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	42.4	1.284	62.2	1.894	11.4
2009 - 2013	41.8	1.296	64.8	2.018	13.6
2010 - 2014	41.2	1.286	72.2	2.244	14.8
2011 - 2015	42.0	1.286	77.6	2.370	13.2
2012 - 2016	43.2	1.290	92.2	2.725	14.2
2013 - 2017	41.2	1.197	107.0	3.037	15.4
2014 - 2018	40.0	1.111	117.4	3.219	13.8
2015 - 2019	40.2	1.085	121.6	3.256	13.4
2021 Target	36.8	0.990	112.2	2.996	12.4

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.

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

BKM\bgm

cc: Jamal Alavi, PE, CPM
 J. Kevin Lacy, PE, CPM
 George Hoops, PE

From: Wasserman, David S [mailto:dswasserman@ncdot.gov]
Sent: Monday, May 3, 2021 3:14 PM
Subject: STIP Amendments

Good Afternoon,

As you are aware, approval of a STIP Amendment by both NCDOT (through the Board of Transportation) and the MPO(s) in which the project is located must occur prior to FHWA approving of an amendment. Beginning this month, NCDOT will track all STIP Amendments through the approval process, noting when each amendment is approved by the BOT and the corresponding MPO(s). Each month, NCDOT will send FHWA a list of federal STIP amendments seeking FHWA approval that have been approved by both the BOT and MPO(s), along with other BOT approved federal amendments.

With the aforementioned approach, it is critical that each MPO approves STIP Amendments in a timely manner so as to not jeopardize federal funding authorization. In order to receive FHWA approval for funding authorization, a project must be listed in the correct federal fiscal year in both the STIP and MPO TIP. If a project is not listed in the correct year, a STIP amendment must be approved by NCDOT, the MPO(s), and FHWA, prior to federal authorization approval.

Each month, the STIP Unit will continue sending each MPO the STIP Amendments that will be added to the next BOT agenda for information (Item N handout), with approval sought the following month. For projects noted as Federal Amendments (with the asterisk), we ask that you add these to your next MPO meeting agenda, following your MPO STIP Amendment procedures. Once your MPO approves of the amendments, please make sure to send me the listing of approved amendments (most of you already do this today).

Occasionally there will be situations where an immediate action for a STIP amendment approval is needed, in order to authorize federal funds as soon as possible. Either Teresa Robinson (our new Senior Program Manager) or I will notify you of such instances as soon as known, and we ask that you have a policy in place where your MPO can approve of the amendment as soon as possible (also known as a fast-track approval process). For example, if your MPO typically meets once every other month, we ask that you have a procedure in place to hold a special meeting (potentially virtual) to approve of the amendments.

Please feel free to let me know if you have any questions.

Thanks,
David

David Wasserman, P.E.
STIP Western Region Manager
North Carolina Department of Transportation

919 707 4743
dswasserman@ncdot.gov

1534 Mail Service Center
Raleigh, NC 27699-1534

From: Wasserman, David S [mailto:dswasserman@ncdot.gov]
Sent: Monday, May 10, 2021 1:50 PM
To: Conrad, Phil <pconrad@mblsolution.com>
Cc: Argabright, Van <vargabright@ncdot.gov>; Robinson, Teresa <tmrobinson1@ncdot.gov>
Subject: Proposed Fund Swap

Phil,

NCDOT is proposing the swapping of funding sources for several projects within the CRMPO, which could potentially help NCDOT secure additional federal funding for North Carolina. The funding swap involves switching \$5,000,000 of CRMPO's Surface Transportation Block Grant-Direct Attributable (STBG-DA) federal funds for \$5,000,000 in other flexible federal funds in the years the STBG-DA funds were programmed. There is no impact to schedules, local matches, or project management requirements resulting from the swap.

The funding swap consists of using \$5,000,000 of CRMPO's STBG-DA funds in fiscal year (FY) 2021 on the following project to cover overdrafts on construction, where we had initially intended to use federal National Highway Performance Program (NHPP) funds:

- I-3802A – I-85 Widening - \$5,000,000

In return, \$5,000,000 of federal STBG-AnyArea funds (i.e. funds that can be used anywhere in the state) will be allocated on the following projects in place of the currently planned STBG-DA funds:

- HL-0001 – Poplar Tent/Harris Road Intersection - \$4,416,000
- EB-5619 – Grants Creek Greenway - \$584,000

The funding swap does not need Board of Transportation approval, as it is considered an administrative modification. We consider this action administrative on the part of CRMPO as well. This proposed swap is similar the \$6,000,000 swap agreed to by CRMPO and NCDOT in 2019.

Please let me know your thoughts on the proposed swap.

Thanks,
David

David Wasserman, P.E.
STIP Western Region Manager
North Carolina Department of Transportation

919 707 4743
dswasserman@ncdot.gov

From: mpos-bounces@lists.ncmail.net [mailto:mpos-bounces@lists.ncmail.net] **On Behalf Of** Vine-Hodge, John A

Sent: Monday, April 12, 2021 7:46 AM

Subject: [MPO List - NCDOT] Call for Applications - NCDOT Bicycle and Pedestrian Planning Grant Initiative

The N.C. Department of Transportation is accepting applications from communities for the [2021 Bicycle and Pedestrian Planning Grant Initiative](#). The program provides funding for municipalities across the state to develop comprehensive bicycle or pedestrian plans. There are several plan options available to meet specific community needs.

All North Carolina municipalities are eligible to apply for a **standard bike or pedestrian plan** ([application](#)). Additionally, the following options are available:

- Counties with population of less than 50,000 may apply for a bicycle or pedestrian plan.
- Smaller municipalities with populations of less than 10,000 can apply to develop combined bicycle and pedestrian plans.
- Municipalities of less than 5,000 population may apply for a **project acceleration plan** ([application](#)) – an abbreviated plan primarily focusing on priority project identification and implementation.
- Municipalities (and counties with populations of less than 50,000) who currently have bicycle plans and/or pedestrian plans, either through this grant program or otherwise, may apply for a **plan update** ([application](#)) provided the existing plan is at least five years old.

The **deadline** for application, to be submitted electronically, is **Wednesday June 30** at 5 p.m. Award recipients will be notified by September 2021.

This program is sponsored by the department's Integrated Mobility Division (IMD) and the Transportation Planning Division. Since 2004, over \$7 million have been awarded through this program to 226 municipalities and 6 counties across the state.

Proposals are divided and judged in geographical groups to help establish equitable distribution of funding across the state. The selected awardees commonly incorporate a diverse mix of municipalities from large cities to small towns.

Plans funded are not for one specific project, but represent a comprehensive strategy for expanding bicycle and pedestrian opportunities within a given municipality. The plans may address facilities, programs, policies and design guidelines that encourage safe walking and bicycling.

A **webinar** will be scheduled for **May 12, 2021** to describe the grant program and to respond to any questions from potential applicants.

For more information on the Bicycle and Pedestrian Planning Grant Initiative, contact Bryan Lopez at (919) 707-2606 or balopez@ncdot.gov

John Vine-Hodge
Deputy Director, Planning and Programming
Integrated Mobility Division
North Carolina Department of Transportation

	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		565	864	1005	1015	687			1487	1196			651
June	33978	33,987	38320	36931	22239		495	837	893	918	997			1659	916			797
July	32926	32776	36564	37265	22975		529	819	840	956	1065		1869	1543	694	1378		828
August	36933	37535	42211	38455	22020		687	862	995	1041	1191		1821	2018			1425	826
September	35357	33850	35060	35590	21712		694	864	895	1076	1231		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	116,305	7391	10197	11076	12560	12106	5242	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			629	442			
May		12871	12139	15528	4230			754	505			
June		10964	11581	10983	5406			698	618			
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	1869		

Metropolitan Transit Commission
Charlotte Area Transit System Ridership Report
Mar-21

Mode / Service	Percent			YTD		Percent Increase/Decrease	Avg Daily Ridership per Month		
	Mar-21	Mar-20	Increase/Decrease	FY 2021	FY 2020		WeekDay	Saturday	Sunday
Local									
BOD Local	454,776	709,277	-35.9 %	4,162,472	8,157,064	-49.0 %	16,009	13,197	8,443
Subtotal	454,776	709,277	-35.9 %	4,162,472	8,157,064	-49.0 %	16,009	13,197	8,443
Local Express									
Arboretum Express	-	2,345	n/a	-	40,157	n/a	-	-	-
Harrisburg Road Express	303	1,277	-76.3 %	2,583	20,014	-87.1 %	13	-	-
Northcross Express	286	3,549	-91.9 %	2,304	73,285	-96.9 %	12	-	-
Idlewild Road Express	197	1,234	-84.0 %	2,657	17,254	-84.6 %	9	-	-
Independence Blvd Express	129	2,409	-94.6 %	1,081	35,631	-97.0 %	6	-	-
Lawyers Road Express	354	1,501	-76.4 %	2,693	22,509	-88.0 %	15	-	-
Matthews Express	-	1,899	n/a	-	32,175	n/a	-	-	-
Mountain Island Express	-	781	n/a	-	11,376	n/a	-	-	-
Northlake Express	326	3,311	-90.2 %	1,940	51,547	-96.2 %	14	-	-
North Mecklenburg Express	205	3,744	-94.5 %	1,933	97,362	-98.0 %	9	-	-
Huntersville Express	421	4,798	-91.2 %	3,140	13,858	-77.3 %	18	-	-
Rea Road Express	285	1,624	-82.5 %	2,530	27,874	-90.9 %	12	-	-
Steele Creek Express	-	649	n/a	-	11,489	n/a	-	-	-
Huntersville Greenhouse Express	176	243	-27.6 %	1,114	3,579	-68.9 %	8	-	-
Subtotal	2,682	29,364	-90.9 %	21,975	458,110	-95.2 %	116	-	-
Regional Express									
Gastonia Express	462	2,339	-80.2 %	4,641	32,256	-85.6 %	20	-	-
Rock Hill Express	251	1,600	-84.3 %	2,215	25,265	-91.2 %	11	-	-
Union County Express	220	1,216	-81.9 %	2,038	20,274	-89.9 %	10	-	-
Subtotal	933	5,155	-81.9 %	8,894	77,795	-88.6 %	41	-	-
Community Circulator									
Neighborhood Shuttles	13,855	24,488	-43.4 %	131,789	279,138	-52.8 %	486	444	224
Eastland Neighborhood Shuttle	7,736	12,061	-35.9 %	75,279	139,132	-45.9 %	258	239	210
Pineville-Matthews Road	1,357	2,063	-34.2 %	12,762	28,565	-55.3 %	53	33	-
Village Rider	3,555	5,388	-34.0 %	32,057	61,196	-47.6 %	128	87	65
Subtotal	26,503	44,000	-39.8 %	251,887	508,031	-50.4 %	925	803	499
Human Services Transportation									
Special Transportation Services	13,055	15,061	-13.3 %	102,550	183,628	-44.2 %	427	200	130
DSS	77	250	-69.2 %	614	2,451	-74.9 %	4	-	-
Subtotal	13,132	15,311	-14.2 %	103,164	186,079	-44.6 %	431	200	130
Rideshare Services									
Vanpool	2,883	8,560	-66.3 %	28,141	98,598	-71.5 %	125	-	-
Subtotal	2,883	8,560	-66.3 %	28,141	98,598	-71.5 %	125	-	-





**CRAFT Technical Committee
Meeting Notes
March 23, 2021**

Attendees: Andy Bailey (NCDOT); Dominique Boyd (NCDOT); Bob Cook (CRTPO); Neil Burke (CRTPO); Curtis Bridges (CRTPO); Jerrel Leonard (CRTPO); Agustin Rodriguez (CRTPO); Jennifer Stafford (CRTPO); Travis Johnson (CRTPO); Jason Wager (CCOG); Lee Snuggs (RRRPO); Andy Grzymiski (CDOT); Stephen Allen (CRCOG); Phil Conrad (CRMPO); Randi Gates (GCLMPO); Julio Paredes (GCLMPO); Jane Love (GCLMPO); Juan Garcia (Gaston County); Mark Pleasant (FHWA); Loretta Barren (FHWA); Scottie Miller; Alex Riemondy; Brian Elgort; Martin Kinnamon (CDOT); Kathryn Cogar; Chris Herrmann (RFATS); and David Hooper (RFATS).

1. **Welcome & Introduction:** Mr. Hooper began the meeting at 10:01 AM and welcomed everyone in attendance.
2. **Approval of January 26, 2021 Minutes:** Mr. Hooper asked if there were any additions, corrections or deletions to the January 26, 2021 minutes. Ms. Gates then made a motion to approve the minutes as presented; Mr. Conrad seconded the motion. The minutes were then approved as presented.
3. **US Census Proposed Changes for 2020:** Ms. Barren briefly summarized proposed changes related to the urban area criteria in the 2020 Census. Ms. Barren explained that the proposed changes would increase the minimum threshold for urban areas to 4,000 housing units or a 10,000 person minimum population threshold. As a point of reference, it was noted that this is being done to match the threshold used by other federal agencies. Ms. Barren noted that one of the major differences with the 2020 Census is that smaller geographies of 50,000 people or smaller will no longer be identified as urbanized.

Ms. Barren also noted that the proposed changes will reduce the maximum jump distance from 2.5 miles to 1.5 miles and that “hops” and “jumps” along corridors will no longer be considered. Ms. Barren then reviewed the 2-step process that will be used to identify agglomerations and how this information is proposed to be applied. Lastly, Ms. Barren noted that the Census Bureau will publish the final urban area criteria in winter 2021 and the Federal Register Notice will announce newly and/or adjusted Urbanized Areas in summer 2022.

4. **Long Range Transportation Plans:** Mr. Hooper began planning area updates by briefly noting that RFATS is slated to present the draft 2050 LRTP Update, FY 21-27 TIP and

Conformity Determination to their Policy Committee in March for preliminary approval, and initiate a public comment period prior to final review and approval in April. Mr. Burke then stated that CRTPO is working on their financial assumptions for roadway projects; and that, their Goals and Objectives section and ranking criteria have both been adopted. Lastly, Mr. Burke noted that CRTPO will begin their next phase of public outreach as well as devote some time to considering alternative funding options given the budgetary constraints at NCDOT.

Mr. Conrad then summarized work completed to date at CRMPO; in particular, it was noted that their draft project list (which is slated to adoption), will include transit projects for the first time. As a point of reference, Mr. Conrad noted that these projects were drawn from the Cabarrus County Transit Master Plan. Ms. Love then noted that GCLMPO is currently working through project prioritization for their 2050 MTP; and that, consideration by their Policy Board is anticipated in May.

5. **Project Coordination / Adjacent Planning Areas:** Ms. Gates noted that the Catawba Crossings Project is moving forward with staff preparing public engagement materials for review which will summarize comments received during the first public outreach meeting. It was also noted that a draft technical memo has been prepared by Kimley-Horn, who is serving as a sub-consultant on the project. Lastly, Ms. Gates noted that a regulatory meeting is slated for early April; and that, from a process standpoint the consultants are working on completing preliminary design at this point.

Mr. Hooper then asked about the overall status of the budgetary environment at NCDOT, and whether any potential scheduling changes were envisioned on the US 521 widening project in North Carolina? In response, Mr. Burke stated that he was not aware of any scheduled changes for the project. Lastly, Mr. Conrad asked if Poplar Tent Road will be included in the CRTPO MTP Update? Mr. Burke responded that CRTPO is considering it in the project evaluation process. Mr. Conrad then noted that discussion would be needed regarding potential federal funding options for this project.

6. **CTP / Thoroughfare Planning:** Mr. Bailey explained that after the MTPs are completed this cycle throughout the Metrolina Region, the intention is to begin CTP development for each of the three NC MPOs – and it will take on a new look, new prioritization and new criteria. Mr. Bailey noted that information should be made available this summer regarding likely potential changes.

Mr. Conrad then asked if there was a similar process for CTP / Thoroughfare Planning in SC? Mr. Hooper responded that South Carolina does not utilize a similar CTP process; but rather, appropriate planning assumptions are nonetheless developed and applied at the MPO level. As a point of reference, Mr. Hooper then noted that RFATS has the state's only MPO wide Collector Road Plan; and that this is integrated with larger county thoroughfare plans to assure continuity within the planning area.

7. **Regional Transit Plan:** Mr. Cook briefly reviewed the anticipated schedule for the Regional Transit Plan for 2021. Mr. Cook then added that this process will soon be

ending so MPO support will be needed for document review during the summer and fall of this year.

Mr. Hooper then asked if this process will gauge which types of strategies might help in increasing the percentages of transit ridership across the study area? Mr. Cook responded that this has been incorporated into the process and that this will be discussed at the May 26th meeting on Rural-Urban Connections & Transit Supportive Strategies. Mr. Cook added that analysis on that subject will be included in the finished reports.

8. **Beyond 77 Corridor Study:** Mr. Rodriguez summarized work completed to date on the Beyond 77 Corridor Study; highlighting that material on the range of strategies will be released to the public later this month. Mr. Howell then reviewed the lifecycle of planning & implementation regarding this study; highlighting key areas and critical components. Mr. Howell next summarized the decision structure utilized during the development of strategies and solutions. Mr. Howell also reviewed public engagement efforts through Phases I and II, highlighting that survey responses neared 20,000. Mr. Howell added that Phase III is currently underway with virtual public meetings scheduled for April 21st at 12:00 PM and May 13th at 12:00 PM.
9. **Next Meeting:** Mr. Hooper noted that the next meeting is scheduled for May 25th, 2021 and will be hosted by CRMPO.
10. **Adjournment:** The meeting was then adjourned at 11:35 AM.