

Cabarrus Rowan Urban Area
Metropolitan Planning Organization
Transportation Advisory Committee

Wednesday May 24, 2023

5:30 pm

Dinner provided by
Town of Spencer

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

Agenda

1) Call to Order TAC Vice-Chair Barnhardt

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

CONSENT AGENDA

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

NO ITEMS FOR CONSIDERATION

THIS CONCLUDES THE CONSENT AGENDA

3) Approval of March 22, 2023 minutes TAC Vice-Chair Barnhardt

4) FY 2020-2029 MTIP Modification #18 Phil Conrad

INFORMATION: MPO staff typically brings amendments or modifications from recent NCDOT Board of Transportation agendas to the TCC/TAC for consideration. The first project modification is the addition of a reduced conflict

intersection (RCI) for NC 49 and Prince Circle in FY 23 (HE-0015). The second project modification is the delay of construction to FY 24 for the NC 152 east improvements (HE-0009). The third project modification is to add a project break for the Old Salisbury Concord Road safety improvements (W-5710A0). The fourth project modification is to add the Hickory Ridge Road sidewalk project with construction to begin in FY 25 (BL-0086). The fifth project modification is to add the Concord sidewalk projects with construction to begin in FY 24 (BL-0087). The final project is to delay professional engineering to FY 23 for the Brenner Avenue Safety Improvements (HL-0049). Attachment 4 is a resolution modifying the MTIP for these projects. The new STIP is schedule to be adopted in June and will be effective October 1, 2023.

ACTION/RECOMMENDATION: 1) Receive a report on modification #18 to the FY 2020-2029 MTIP; 2) Discuss; and 3) Consider endorsing modification #18 to the FY 2020-2029 MTIP.

5) Proposed CRP Project Submittal **Phil Conrad**

INFORMATION: CRP or Congestion Reduction Program funds are a federal funding source for areas across the state to reduce transportation emissions under the recently enacted Bipartisan Infrastructure Law (BIL). CRP funds require a local sponsor and a 20 percent local match. Eligible projects must demonstrate a transportation emissions reduction benefit to the local area. The MPO issued a call for new project applications with a deadline of April 28th. The MPO received a CRP project proposal for the Traffic Signal Central System Improvement Project from the City of Concord. The associated application and narrative for this project is attachment 5A. A resolution of support is included as attachment 5B. NCDOT has indicated that the MPO can anticipate receiving about \$.5 million annually in CRP funds beginning with FY 2022.

ACTION/RECOMMENDATION: 1) Receive a report on the CRP Project submittal; 2) Discuss; and 3) Consider endorsing the CRP Project submittal as presented.

6) DRAFT 2026-2035 TIP Project Call **Phil Conrad**

INFORMATION: With the anticipated adoption of the 2024-2033 TIP in June, MPO staff prepared a schedule for identifying and adopting the next STI list for the MPO area. The first step was to have a call for *new* projects (all modes) and the deadline for submitting *new* projects was May 5th. Attachment 6 includes a list of the *new* projects submitted to date. This list is not inclusive of any holding tank (select) or carryover projects that will automatically be evaluated by NCDOT.

ACTION/RECOMMENDATION: 1) Receive a report on any NEW TIP Priority Projects; 2) Discuss; and 3) Consider endorsing the NEW TIP Priority projects for submittal to NCDOT for quantitative review.

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

- Local Reports – NCDOT Division 9 & 10
- Cabarrus County Public Transit Performance Management Agreement
- Section 5310 Grant Awards: Cabarrus County - \$76,364 and Rowan County - \$120,000
- CMAQ Program Update
- Special Studies Updates – Rowan County and Town of China Grove (2)

8) Information Items **Phil Conrad**

- Rider and Salisbury Transit Ridership
- TPD Newsletter
- SEI Filing Deadline April 17th

Next meeting: June 28, 2023

- Agenda items for June TAC meeting





NORTH CAROLINA STATE ETHICS COMMISSION

SAMPLE¹

ETHICS AWARENESS & CONFLICT OF INTEREST REMINDER

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

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

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

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

Rev 12-13-12

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

MINUTES

TRANSPORTATION ADVISORY COMMITTEE

Wednesday, March 22, 2023

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

Members

Meredith Bare Smith	Town of Landis
Jim Greene	Rowan County
JC McKenzie	City of Concord
Justin Simpson	Town of Mount Pleasant
Ryan Dayvault	City of Kannapolis
Brittany Barnhardt	Town of Granite Quarry
Steve Miller	Town of Spencer
Ron Smith	Town of Harrisburg
Cheryl Sheets	Town of China Grove
Delores High	Town of East Spencer
Barbara Strang	Cabarrus County
Karen Alexander	City of Salisbury

Others

Phil Conrad	CRMPO Director
Theo Ghitea	NCDOT Div 10
Pat Ivey	NCDOT Div 9
Scott Miller	NCDOT Div 10
Phillip Craver	NCDOT Div 9
Albert Smith	East Spencer
Barbara Mallett	East Spencer
Wilmer Melton	Kannapolis
Tamara Sheffield	Salisbury
Sean Epperson	NCDOT Div 10

Call to Order

After being served dinner hosted by Cabarrus County, the March 22, 2023 meeting of the Cabarrus Rowan MPO TAC was called to order by TAC Chairman Ryan Dayvault. TAC Chairman Dayvault welcomed the attendees to the meeting and asked all present to recite the Pledge of Allegiance to a flag displayed. After reciting the pledge, TAC Chairman Dayvault called the roll of eligible voting TAC members and determined that a quorum had been met.

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

Chairman Dayvault then asked for any Chamber of Commerce updates. Without any reports, Chairman Dayvault asked if there were any speakers from the floor. With none being heard she moved on to the next order of business.

TAC Chairman Dayvault asked if there were any adjustments to the meeting agenda including the Consent Agenda. Without any adjustments heard Mr. Ron Smith made a motion to approve the agenda as presented. Mrs. Meredith Smith seconded the motion and TAC members voted unanimously to approve.

CONSENT AGENDA

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

FY 2020-2029 MTIP Modification #17

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

THIS CONCLUDES THE CONSENT AGENDA

Approval of January 23, 2023 Minutes

Chairman Dayvault called members' attention to the minutes from the January 23, 2023 meeting included in their meeting packets. Chairman Dayvault asked if there were any corrections or additions to the minutes. With none being heard, Mrs. Barbara Strang made the motion to approve the minutes as presented. Mr. Justin Simpson seconded the motion and the TAC members followed with a unanimous vote to approve.

NCDOT Performance Measures

CRMPO Director Phil Conrad reported to the members that the former FAST Act required that State DOTs and MPOs adopt performance-based planning as a component of the metropolitan transportation planning process. Director Conrad went on to state that the CRMPO has published for public review the targets for pavement and bridge conditions, travel time and truck freight reliability, and CMAQ Performance Measures, which are consistent with measures established by the NCDOT. These performance measures are available for public comment through today, March 22, 2023. Director Conrad presented to the TAC members a power point presentation provided by NCDOT to explain how and why the measures are necessary. Director Conrad reported that the CRMPO has opted in the past to use the NCDOT performance measures. Director Conrad closed by stating these performance measures are a federal requirement.

Director Conrad called members' attention to Attachment 4 in their packets which was a resolution endorsing the performance measures as presented. With no questions or comments heard, Mr. JC McKenzie made a motion to endorse the performance measures as presented. Mrs. Meredith Smith seconded that motion and the TAC members voted unanimously to approve.

FY 2024-2028 TIP Conformity

CRMPO Director Conrad reported that the Cabarrus-Rowan MPO and the Metrolina Regional Partners have been working on an Air Quality Conformity Analysis and Determination Report for the 2024-2028 TIP. Director Conrad continued on by saying that the TIP Conformity Report demonstrates that the financially constrained MTP's in the Metrolina Region meet national ambient air quality standards. He also reported that it also certifies that the Transportation Improvement Program is a subset of the 2050 MTP and the Conformity Report is consistent with the State Implementation Plan (SIP). Director Conrad called members' attention to Attachment 5 which was an excerpt from the TIP Conformity Report. Director Conrad reviewed the Attachment in detail with the members. He also presented a slide show presentation with further explained the report. He reported that the public comment period is scheduled to close today, March 22, 2023 on the Conformity Report and that a copy of the report is on the MPO website.

With no discussion or comments, Mr. JC McKenzie made a motion to adopt the Air Quality Conformity Analysis and the Determination Report for the FY2024-2028. Mrs. Barbara Strang seconded that motion and the TAC members voted unanimously to approve.

FY 2023-2024 DRAFT UPWP

Director Conrad reminded the TAC members that the CRMPO annually develops and adopts a Unified Planning Work Program (UPWP). Director Conrad went on to explain that the UPWP is the MPO budget and follows the state fiscal year 2023-2024. Director Conrad called members' attention to Attachment 6A in their packets and explained the draft budget. The UPWP, Director Conrad went on to explain identifies the planning tasks, responsible agencies, and funding sources for regional transportation planning activities to be conducted within the planning area during the next fiscal year. He went on to say these projects include MPO planning activities undertaken by local agencies, the NCDOT and one line item for Regional Model and MTP Maintenance. Director Conrad reviewed the entire budget for the TAC members.

Director Conrad reported that in the Fall of 2022, NCDOT informed CRMPO staff that the full allocation in FY 2023-2024 to the CRMPO is \$412,300 and that there are no more unobligated balances for PL funds to MPO's in North Carolina.

CRMPO Director Conrad went on to report that as part of the UPWP, the Federal government requires all MPO's to certify their transportation planning process on an annual basis. He called members' attention to Attachment 6B which was a checklist for the CRMPO to certify their transportation planning process. Director Conrad continued by highlighting the local match table included in the TAC packet and Attachment 6D which was a draft resolution to be used in adopting the UPWP.

With little discussion, Mrs. Meredith Smith made a motion to certify the CRMPO transportation planning process and Mrs. Barbara Strang seconded it. The TAC voted in the affirmative. Mrs. Barbara Strang made a motion to adopt the FY2023-2024 UPWP. Mrs. Meredith Smith seconded the motion and the TAC members voted unanimously to approve.

Reports/CRMPO Business

1. Local Reports - NCDOT Division 9 & 10 – Mr. Pat Ivey, NCDOT Division 9 reported to the TAC members that Division 9 Updates were included in their meeting packet and he reviewed some of the projects for the group. Mr. Theo Ghitea, NCDOT Division 10 representative called TAC members' attention to a spreadsheet of Division 10 project updates. He reviewed some of the projects in Division 10.
2. Business 40 Presentation – Mr. Pat Ivey, Division 9 Engineer provided a power point presentation on the Business 40 Improvement Project. Mr. Ivey reviewed the project for the members and explained in detail the accomplishments of the long term project.
3. P7.0 Project Call – P6.0 Carryover Projects – Director Conrad called TAC members attention to an email included in their packets from Ms. Sarah Lee, NCDOT that explained the process being used to select projects and provided information on how organizations may designate projects that were originally submitted thru P6.0. He went on to report that by consensus, the TCC members decided to receive this item as information and asked that the CRMPO TAC be provided with this information to decide what action should be taken. The TCC Director Conrad explained, there were two projects that the CRMPO TCC felt had the potential to be chosen for funding. Director Conrad reviewed those two projects with the members in detail. With little discussion Mr. JC McKenzie made a motion to approve the submittal of these two projects. Mr. Justin Simpson seconded the motion and the TAC members voted unanimously to approve.
4. Special Studies Updates – Director Conrad reported on the progress of the Long Ferry Road project in Rowan County and on the Main Street Study and the Hwy 152 Study in China Grove.
5. 2020 Census Urbanized Area Schedule of Activities – Director Conrad reported that the information was covered in the January 2023 meeting and will be brought back to them at a later date.
6. Carbon Reduction Program (CRP) Application and Project Call – CRMPO Director Phil Conrad informed the TAC members that a project call was issued and the deadline for submittals is April 28, 2023.
7. SEI Filing Deadline is April 17, 2023 - Director Conrad called members' attention to this information.

Informational Items

- ✦ RIDER Transit and Salisbury Transit Ridership Information - Phil called the TAC members' attention to the ridership information included in their packets.
- ✦ TPD Newsletter- Included in the meeting packet.

Next Meeting : February 22, 2023

Adjournment

With no other business to bring before the TAC, Mrs. Barbara Strang made a motion to adjourn the meeting and Mrs. Cheryl Sheets followed with a second and the meeting was adjourned.

RESOLUTION ADOPTING MODIFICATION #18 TO THE CABARRUS-ROWAN
METROPOLITAN TRANSPORTATION IMPROVEMENT PROGRAM FOR FY 2020-2029

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

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

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

WHEREAS, the following attached modification has been proposed.

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

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

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

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

NOW THEREFORE, be it resolved by the Cabarrus-Rowan Urban Area Transportation Advisory Committee that the FY 2020-2029 Metropolitan Transportation Improvement Program dated October 1, 2019, for the Cabarrus Rowan Urban Area Metropolitan Planning Organization be modified as listed above on this the 24th day of May, 2023.

I, Ryan Dayvault, Transportation Advisory Committee Chair, do hereby certify that the above is a true and correct copy of the excerpt from the minutes of a meeting of the Cabarrus-Rowan Transportation Advisory Committee, duly held on the 24th day of May 2023.

Ryan Dayvault, Chair
Transportation Advisory Committee

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

CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION

STIP ADDITIONS

HE-0015 CABARRUS PROJ.CATEGORY DIVISION	- CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION	NC 49, PRINCE CIRCLE TO WEST OF GENERAL SERVICES DRIVE SW. CONVERT EXISTING FULL ACCESS CROSSOVER TO REDUCED CONFLICT INTERSECTION WITH LEFTOVERS AND SIGNALIZED U- TURN LEFTOVERS. <u>ADD ECONOMIC DEVELOPMENT PROJECT AT THE REQUEST OF THE DIVISION.</u>	CONSTRUCTION	FY 2023 - <u>\$2,000,000</u> (T) \$2,000,000
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STIP MODIFICATIONS

HE-0009 ROWAN PROJ.CATEGORY DIVISION	- CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION	NC 152, INTERSECTION WITH PROPOSED ACCESS ROAD EAST OF I-85 / US 601 IN CHINA GROVE. WIDEN PAVEMENT AND CONSTRUCT ROUNDABOUT. <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY CONSTRUCTION FROM FY 23 TO FY 24.</u>	CONSTRUCTION	FY 2024 - \$39,000 (T) FY 2025 - \$2,894,000 (T) FY 2026 - <u>\$967,000</u> (T) \$3,900,000
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W-5710AO CABARRUS PROJ.CATEGORY DIVISION	- CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION	SR 1002 (OLD SALISBURY CONCORD ROAD), SR 2400 (IRISH POTATO ROAD) NEAR KANNAPOLIS. CONSTRUCT SAFETY IMPROVEMENTS. <u>ADD PROJECT BREAK AT THE REQUEST OF THE TRANSPORTATION MOBILITY AND SAFETY DIVISION.</u>	CONSTRUCTION	FY 2024 - <u>\$1,000,000</u> (HSIP) \$1,000,000
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* INDICATES FEDERAL AMENDMENT

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

CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION

STIP ADDITIONS

BL-0086 CABARRUS PROJ.CATEGORY DIVISION	- CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION	SR 1138 (HICKORY RIDGE ROAD), SR 1161 (STALLINGS ROAD) TO HICKORY RIDGE MIDDLE SCHOOL. SR 1161 (STALLINGS ROAD) FROM SR 1138 (HICKORY RIDGE ROAD) TO SR 1304 (HARRISBURG VETERANS ROAD). CONSTRUCT SIDEWALKS. <u>ADD PROJECT AT THE REQUEST OF THE MPO.</u>	ENGINEERING RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2024 - \$230,000 (TADA) FY 2024 - \$57,000 (L) FY 2024 - \$138,000 (TADA) FY 2024 - \$34,000 (L) FY 2024 - \$45,000 (TADA) FY 2024 - \$11,000 (L) FY 2025 - \$1,250,000 (TADA) FY 2025 - <u>\$313,000</u> (L) \$2,078,000
BL-0087 CABARRUS PROJ.CATEGORY DIVISION	- CABARRUS-ROWAN URBAN AREA METROPOLITAN PLANNING ORGANIZATION	CONCORD, ELM AVENUE NORTHWEST FROM GLENN STREET NORTHWEST TO ALEXANDER STREET NORTHWEST. GLENN STREET NORTHWEST FROM ELM AVENUE NORTHWEST TO ACADEMY AVENUE NORTHWEST. CROWELL DRIVE NORTHWEST FROM CLEARWATER ARTS CENTER DRIVEWAY TO CEDAR DRIVE NORTHWEST. CEDAR DRIVE NORTHWEST FROM GEORGIA STREET NORTHWEST TO BEECH STREET NORTHWEST. CONSTRUCT SIDEWALKS. <u>ADD PROJECT AT THE REQUEST OF THE MPO.</u>	CONSTRUCTION	FY 2024 - \$1,300,000 (TADA) FY 2024 - <u>\$325,000</u> (L) \$1,625,000

* INDICATES FEDERAL AMENDMENT



CRP PROJECT APPLICATION

FOR NCDOT USE ONLY	
APP ID	STIP ID

IN ORDER TO BE CONSIDERED A COMPLETE APPLICATION PACKAGE, ALL FIELDS MUST BE APPROPRIATELY COMPLETED & REQUIRED ADDITIONAL INFORMATION AS NOTED MUST BE ATTACHED. INCOMPLETE APPLICATIONS WILL BE RETURNED. PLEASE ONLY FILL OUT THE SECTIONS THAT PERTAIN TO THE PHASE YOU ARE CURRENTLY IN.

1 RPO/MPO/NCDOT Unit NAME(S)

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2 TOWN & COUNTY NAME

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3 PROJECT SPONSOR INFORMATION

Organization	
Contact Name	
Contact Title	
Address	
Telephone	
E-Mail	

4 PROJECT INFORMATION

Include location of the project in the description box below, such as road name, address.

Title			
Description			

Existing STIP?	If yes, STIP ID?	Population of the Area Being Served
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Include project details, proposed improvements, purpose, need, how it will provide service, who are the primary stakeholders & where it will operate & serve. Attach a sketch design plan of the proposed project which shows the general location.

PROJECT COSTS & DELIVERY SCHEDULE

5 APPLICABLE PROJECT PHASES, FUNDING & YEARS

Input information **ONLY** for the phase for which you are requesting funds.

- CRP projects are awarded by State Fiscal Years (FY). FY runs from July 1st of the previous year to June 30th of the current year. For example, FY 2023 is from July 1, 2022, through June 30, 2023.
- Cost estimates should include contingency fee, NCDOT admin fee, and inflation cost (as applicable).
- Minimum 20% match is required for all projects.
- Minimum amount of \$100,000 required.
- Project sponsor is responsible for any overage amount.

Check box if this project is not typical 80/20 split. The minimum split is 80/20.

Check box if this project is eligible for state match.

Phases(s)	CRP Amount	Matching Amount	Total	FY
Planning, Engineering & Design				
Right-of-Way				
Construction				
Operation				

	Transit Implementation				
	Non-transit Implementation				
	Other:				

Project Total

6 LIST THE SOURCE(S) OF MATCHING FUNDS

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GENERAL PROJECT INFORMATION

7 SELECT CRP-ELIGIBLE IMPROVEMENT TYPE (check all that apply):

Alternative Fuels	Transit Improvements
Freight/Intermodal	Congestion Relief & Traffic Flow Improvements
Bicycle/Pedestrian Facilities & Programs	Transportation Control Measures
Intelligent Transportation Systems	Diesel Engine Retrofits
Carbon Reduction Strategy Development	Travel Demand Management
Micro-mobility	Electronic Toll Collection
Carpooling & Vanpooling	Truck Stop Electrification System
Port Electrification	Energy Efficiency Improvements
Congestion Management Technologies	Other

If "Other" please describe:

8 IF TRANSIT IMPROVEMENT, SPECIFY HOW SERVICE WILL BE IMPROVED

New facilities associated with a service increase	New vehicles used to expand the transit fleet
Operating assistance for new service (limit three years)	Fare subsidies

9 EMISSIONS REDUCTION CRITERIA

Only fill out the information that applies to your project. For more information about this section, view the [CMAQ Emissions Calculator Toolkit](#).

Alternative Fuel Vehicles & Infrastructure

Annual Vehicle Miles Traveled (VMT)	
Number of Vehicles	
What type of vehicle(s) are you replacing?	
Odometer reading of the vehicle you are replacing	
Model year of vehicle(s) are you replacing?	
What conventional fuel are you replacing?	GASOLINE DIESEL FUEL
What is the model year of the alternative fuel vehicle(s) to be purchased?	
What alternative fuel will your new vehicle(s) use?	
Annual number of charging stations	
Number of ports per charging station	
Kilowatt hours	

Bicycle & Pedestrian Improvements

Current roadway annual average daily traffic (AADT)	
Length of proposed facility and map	

Carpooling & Vanpooling

Which program is being evaluated?	CARPOOL VANPOOL
Are the pick-up drop off locations centralized?	YES NO
What is the average distance participants drive to the central locations? (Roundtrip Miles)	

Carbon Reduction Program Project Application

City of Concord Traffic Signal Central System Improvements

The City of Concord Traffic Signal Central System Improvements project will further the carbon reduction goals outlined in the Infrastructure Investment and Jobs Act by upgrading City of Concord Traffic Signal Central System through the implementation of advanced transportation and congestion management technologies as outlined in the guidance of eligible projects. The following information shows the significant reductions in carbon emissions anticipated through this system-wide signal system upgrade for the fastest growing metropolitan area in North Carolina.

Current Signal System

The City of Concord maintains more than 160 signalized intersections. Most of the traffic signals are located on important and congested arterial corridors such as Concord Mills Blvd, US 29, US 601, NC 3, NC 49, NC 73 and Poplar Tent Rd. As the largest suburb of Charlotte and fastest growing region in North Carolina, the Concord signal system is predicted to grow to over 175 intersections in the next two years. The City of Concord currently operates a Traffic Management Center to improve traffic flow through active and passive traffic management methods. As a leader in the effort to continuously improve the overall signal system, Concord is among the first in the state to test and utilize new strategies in congestion management.

In an active mode, Concord Signal System responds to traffic control needs of emergency services during the peak congestion hours of 6:00 AM to 6:00 PM. This service includes altering signalization in real-time during incidents to move traffic away from rapidly congesting areas toward alternative routes using an advanced traffic management software (ATMS). Likewise, the City does this on a planned basis for organized events that are large traffic generators. These events include ones hosted at the Charlotte Motor Speedway (NASCAR, NHRA, Auto Fair, Dirt Track World Finals, concerts, etc.) in addition to holiday shopping traffic control for the month of December and weekends preceding Christmas including Black Friday.

In a passive mode, the Concord Signal System performs analysis and traffic signal retiming on a rotating basis or when large construction occurs adjacent to or on the identified arterial corridors. Traditionally, signal timing is performed using the following standard methodology: data acquisition driving runs using GPS-linked devices which are put into a space-time diagram. Signal timing is then adjusted, and the tests are re-done in an iterative process. Once an improved implemented baseline is confirmed, post-mortem analysis runs are performed to validate the improvements.

This is a time-consuming but worthwhile process since better signal timing improves operational efficiency in several ways. As each vehicle successfully travels through a corridor without stopping, start-up loss time is reduced, where it would take more time for a vehicle to regain speed after it stops. Doing this process reduces the number of excess vehicles in a corridor at a given time, which would otherwise result in corridor speed operating at lower than normal or free-flow speeds. This reduction in start-up loss/red light time leads to a reduction in vehicle emissions through improved vehicle efficiency, thus improving the air quality of the surrounding area.

Pilot Project Upgrade and Metrics

As urbanized area traffic challenges evolve, the Concord Signal System improvements will go beyond the standard methodology and adopt newer and better strategies to meet those challenges. A few years ago, Concord deployed a pilot program on the corridor that includes one of the largest traffic generators in the state: Concord Mills Mall. The pilot included a hardware upgrade at the traffic signal cabinets on this road with new controllers capable of acquiring detector data every tenth of a second (high resolution data), engineering plans specifying this level of data for each location, as well as software licensing for an automated traffic signal performance metrics (ATSPM) system needed to store and analyze the obtained data to put it in a readable metrics format.

The Concord Mills Boulevard pilot project uses signal performance metrics such as approach delay and signal phase terminations to better adjust signal timing. By reviewing the side street phase terminations, more split time can be allocated for the main corridors to reduce any

unnecessary red-light idling time per vehicle. The delay per vehicle can be used to gauge how much the congestion has been reduced. These methods allow the signal timing process to be improved exponentially on the specific corridor and highlights where operational improvements would be most effective in terms of reducing delay and emissions, should be made.

Carbon Reduction Benefits of Concord Signal System Upgrade

Using the CO2 Emissions calculations from FuelEconomy.gov, every gallon of gasoline burned produces roughly 20 pounds of CO2 emissions. By multiplying each gallon of gasoline burned by an approximate factor of 20, it is possible to quantify the carbon reduction improvements to the system. (https://www.fueleconomy.gov/feg/contentIncludes/co2_inc.htm) The gallons calculation is done by taking the idling fuel usage rate in gallons/hour and multiplying it by the length of the vehicle idle (delay per vehicle) (<https://www.energy.gov/eere/vehicles/fact-861-february-23-2015-idle-fuel-consumption-selected-gasoline-and-diesel-vehicles>).

The Concord pilot corridor is comprised of 9 intersections. The results show that the Concord Signal System's current pilot program efforts resulted in average carbon emissions reduction of 0.15 tons of CO2 per intersection per day. One example is the I-85 NB ramp and Bruton Smith Blvd intersection. Before optimization, this intersection produced 1.82 Tons of CO2 per day. After optimization, the intersection produced 1.61 Tons CO2 waste per day, an improvement of 0.21 Tons per day. The average improvement of the pilot intersections for the corridor was 0.15 Tons CO2 per day. Using this average number yields an improvement of 54.75 Tons CO2 per year per intersection. Starting with the current number of 160 intersections and considering that our system gains on average 5 intersections per year, the estimated annualized reduction system-wide (for 170 intersections) is **9,307.5 tons of CO2**. Using data from the EPA calculator (<https://www3.epa.gov/carbon-footprint-calculator/>) and taking the average pounds consumed by a vehicle driving 15,000 miles yearly (estimated to be in the region of 10,500 lbs. per year), the estimated improvements to the system-wide would be equivalent to more than **2,000 cars removed from the roads**.

The City of Concord Traffic Signal Central System Improvements project would expand these carbon-reducing capabilities system-wide by upgrading every traffic signal controller to high resolution data acquiring capabilities. Likewise, the ATMS would be upgraded to be able to store, process, and decode this data in such a way that would aid in maximizing the potential of the signal timing capabilities. The high-quality information obtained from the City of Concord upgraded signal system will provide an ongoing data source of carbon reduction from the improved traffic flow, decreases in delay, and congestion mitigation for the Cabarrus-Rowan metropolitan area. The systemwide record of carbon reduction will be a resource for the North Carolina required statewide carbon reduction plan and greenhouse gas emission reports to the Federal Highway Administration.

The cost estimates for the project are outlined in the application and would require \$5,000 engineering design work per intersection, \$3,000 for signal hardware per intersection, and \$500 for licensing with a total request of \$1,500,000.



City Council Agenda

Thursday, April 13, 2023

6:00 PM

3rd floor Council Chambers at City Hall

Cell phones are to be turned off or placed on vibrate during the meeting. Please exit the Council Chambers before using your cell phone.

The agenda is prepared and distributed on Friday preceding the meeting to Council and news media. A work session is then held on the Tuesday preceding the regular meeting at 4:00 pm.

I. Call to Order

II. Pledge of Allegiance and Moment of Silent Prayer

III. Approval of Minutes

February 21, March 7, and March 9, 2023.

IV. Presentations

1. **Presentation of a Proclamation recognizing April 28, 2023 as National Lineworker Appreciation Day in the City of Concord.**
2. **Presentation of a Proclamation recognizing the month of April as National Public Safety Telecommunicators Month.**
3. **Presentation of a Proclamation recognizing the month of April as Fair Housing Month.**

V. Unfinished Business

VI. New Business

A. Informational Items

1. **Presentation from Raftelis Financial Consultants, Inc. on the system development fee update to be effective July 1, 2023.**

B. Departmental Reports

1. **Streetscape Update**

C. Recognition of persons requesting to be heard

D. Public Hearings

1. **Conduct a public hearing and consider adopting Agency Plan and an update to the 5-Year Plan for the Concord Housing Department that updates the Policies that govern the Public Housing Program.**

The Housing Department Staff is required to submit an Agency Plan and an update to the 5-Year Plan to the United States Department of Housing and Urban Development (HUD) every year seventy-five (75) days prior to the beginning of the fiscal year. This plan must be available for public review for forty-five (45) days prior to adoption and submission. The plan has been completed and ready for review since Monday, February 12, 2023. A public hearing must be held prior to adoption for any public comments relative to the proposed changes in the department's Agency Plan.

Updated policies include:

Conversion of Public Housing to Project-Based Rental Assistance or Project-Based Vouchers under RAD;

Continue to work with Planning and Neighborhood Development and WeBuild Concord on building more affordable market rate rentals; and

Recommendation: Motion to authorize the City Manager to negotiate and execute a contract with Kimley Horn Associates in the amount of \$515,000 for full design services for Phase (A).

5. Consider authorizing the City Manager to negotiate and execute a contract with Central Carolina Air Conditioning Company, LLC in the amount of \$116,425 for the carbon dust collector replacement project at the Coddle Creek Water Treatment Plant.

The City accepted multiple informal bids in March 2023. The low bidder is Central Carolina Air Conditioning Company, LLC. The existing equipment is at the end of its useful life and is no longer operating efficiently.

Recommendation: Motion to authorize the City Manager to negotiate and execute a contract with Central Carolina Air Conditioning Company, LLC in the amount of \$116,425.00.

6. Consider authorizing the City Manager to negotiate and execute a contract with AM-Liner East, Inc. for the cured in place lining of 24,934 linear feet of sewer line and the rehabilitation of 113 manholes in the amount of \$1,189,069.35.

The City recently advertised and accepted formal bids for the 2023 sewer lining contract. 6 bids were received with Am-Liner East, Inc. being the low bidder at \$1,189,069.35. This total price does include a 5% (\$56,622.35) contingency.

Recommendation: Motion to authorize the City Manager to negotiate and execute a contract with AM-Liner East, Inc. for the cured in place lining of 24,934 linear feet of sewer line and the rehabilitation of 113 manholes in the amount of \$1,189,069.35.

7. Consider approval of a Resolution to Lease Property for the long term Cellco/Verizon lease for attachments on the Downtown Water Tank.

The term length of this lease agreement requires a resolution and public advertising of contract amendment 6 which was approved in February. After the resolution is approved and proper advertisement has been completed, the City can fully execute addendum 6 as previously approved.

Recommendation: Motion to approve and execute the Resolution to Lease Property for the long term Cellco/Verizon lease for attachments on the Downtown Water Tank.

8. Consider authorizing the Transportation Department to apply for the Carbon Reduction Program (CRP) funding for upgrading the Traffic Signal Central System through the Cabarrus Rowan Metropolitan Planning Organization's (CRMPO) call for projects.

The Carbon Reduction Program (CRP) is a part of the Infrastructure Investment and Jobs Act (IIJA) through the Federal-Aid Highway Administration. The CRP application requires a 20% local match in funding and to maintain the project after completion. The Transportation Department maintains more than 160 signalized intersection, most of which are located on important and congested corridors such as Concord Mills Blvd, Poplar Tent Rd, US 29, US 601, NC 3, NC 49, and NC 73. This project will replace the current local (cabinet) and central (management software ran in the TMC) signals software. This includes upgrading both the current ATMS (advanced traffic management software) and the local software deployed in the traffic signal cabinets. NCDOT is currently pursuing a different platform that will meet their 2030 goals: transit signal priority, emergency vehicle pre-emption and integration with connected and autonomous vehicles. For the local software, there will be a hardware change required for the majority of the existing signals. This will accommodate any of the new software solutions that could be selected. This will also require engineering work for signal plan modifications in order to field deploy said hardware. Total project cost is estimated at \$1,500,000. Estimated City participation \$300,000 (20%).

Recommendation: Motion to consider authorizing the Transportation Department to apply for the Carbon Reduction Program (CRP) funding for upgrading the Traffic Signal Central System through the Cabarrus Rowan Metropolitan Planning Organization's (CRMPO) call for projects.

**CABARRUS-ROWAN MPO
RESOLUTION ENDORSING CANDIDATE CARBON REDUCTION
PROGRAM (CRP) PROJECT PROPOSALS**

WHEREAS, the Infrastructure Investment and Jobs (IIJ) Act (Public Law 117-58, November 15, 2021) established the Carbon Reduction Program (CRP) to reduce transportation emissions from on-road sources (23 U.S.C. 175);

WHEREAS, CRP is a Federal program that requires NCDOT in consultation with MPOs to develop a carbon reduction strategy and update it every 4 years and identify projects and efforts to support the reduction of transportation emissions; and

WHEREAS, the CRMPO selects eligible projects and programs and coordinates with NCDOT to administer the CRP program; and

WHEREAS, the CRMPO has administered a CRP project selection process among local area jurisdictions; and

WHEREAS, the resulting candidate project proposal meets the requirements of CRP eligibility and the guidelines established by NCDOT to administer the program; and

WHEREAS, upon approval of the candidate project proposal for CRP funding by the NCDOT, the CRMPO will amend the Metropolitan Transportation Plan and the MTIP to include this project;

NOW THEREFORE, be it resolved that the CRMPO endorses the attached listing of proposed CRP candidate projects provided here on this, the 24th day of May 2023.

I, Ryan Dayvault, TAC Chair, do hereby certify that the above is a true and correct copy of the action of the CRMPO Transportation Advisory Committee duly held on this, the 24th day of May 2023.

Ryan Dayvault, Chair
Transportation Advisory Committee

P7.0 Project Submittals

#6 (5/24/23)

P7.0 Project Name	Description	Jurisdiction	Cost	Tier	Type	Resolution	Date Rcvd
W. Franklin Street	Install sidewalk from Duchess Drive to Halifax Street	Mt. Pleasant	\$1.2 mil	Division	Ped	Yes	4-May-23
W. Franklin Street	Install sidewalk from S. Halifax Street to Main Street	Mt. Pleasant	\$.5 mil	Division	Ped	Yes	4-May-23
E. Franklin Street	Install sidewalk from Main Street to Blueberry Street	Mt. Pleasant	\$1.4 mil	Division	Ped	Yes	4-May-23
Connector Road	NC 73 to NC 49 east	Mt. Pleasant	\$13.7 mil	Regional	Highway	Yes	4-May-23
Faith Road Roundabout	Construct a single lane roundabout at Faith Road	Granite Quarry	\$2.2 mil	Division	Highway	Yes	3-May-23
Bendix Drive Connection	Extend Bendix Drive to Gold Hill Drive and Rowan Avenue	Salisbury	\$2.5 mil	Division	Highway	Yes	5-May-23
Old Mocksville Road	Widen from Hawkinstown Road to E. Ridge Road	Salisbury	\$8.0 mil	Division	Highway	Yes	5-May-23

May 9, 2023

MEMO TO: TCC/TAC Members

FROM: Phil Conrad, MPO Executive Director

SUBJECT: Strategic Transportation Investment (STI) Project List P7.0

The purpose of this memo is to document the project call for the 2026-2035 STIP or P7.0. The project call began on February 16th and concluded on May 5th. This call was for all modes of transportation. A total of 9 project proposals were received from 4 different project sponsors. These proposals are in addition to 9 projects from P6.0 that are carried over into P7.0 by those project sponsors. The P7.0 submittal window is anticipated to begin in the summer of 2023 and will run into the fall. (A schedule is included in the TCC packet.) As has previously occurred, the MPO Board will be assigning points to all modes of transportation for the regional and division tiers. For the previous cycle in 2018, the MPO elected to assign 100 points to the top 16 projects for a maximum of 1600 points. Under P7.0, the MPO will be assigning points based on the Tier System with 1800 points for Regional Tier projects and 1800 points for Division Tier projects. (A maximum of 100 points can be assigned to any one project.) One key distinction for the MPO is that the Division Tier is a catchall category for all modes, which makes this category extremely competitive across modes and for available funds. Each NCDOT Division receives the same allocation regardless of population. Another distinguishing feature of STI is that projects can cascade down from the higher tiers into a lower tier evaluation, so a project that does not score well under the Statewide Tier is technically eligible under the Regional and Division Tier evaluation process and could receive funding from those 2 pots as a supplement or in whole. Division Tier projects are only eligible for Division Tier funds and cannot cascade up to higher tiers.

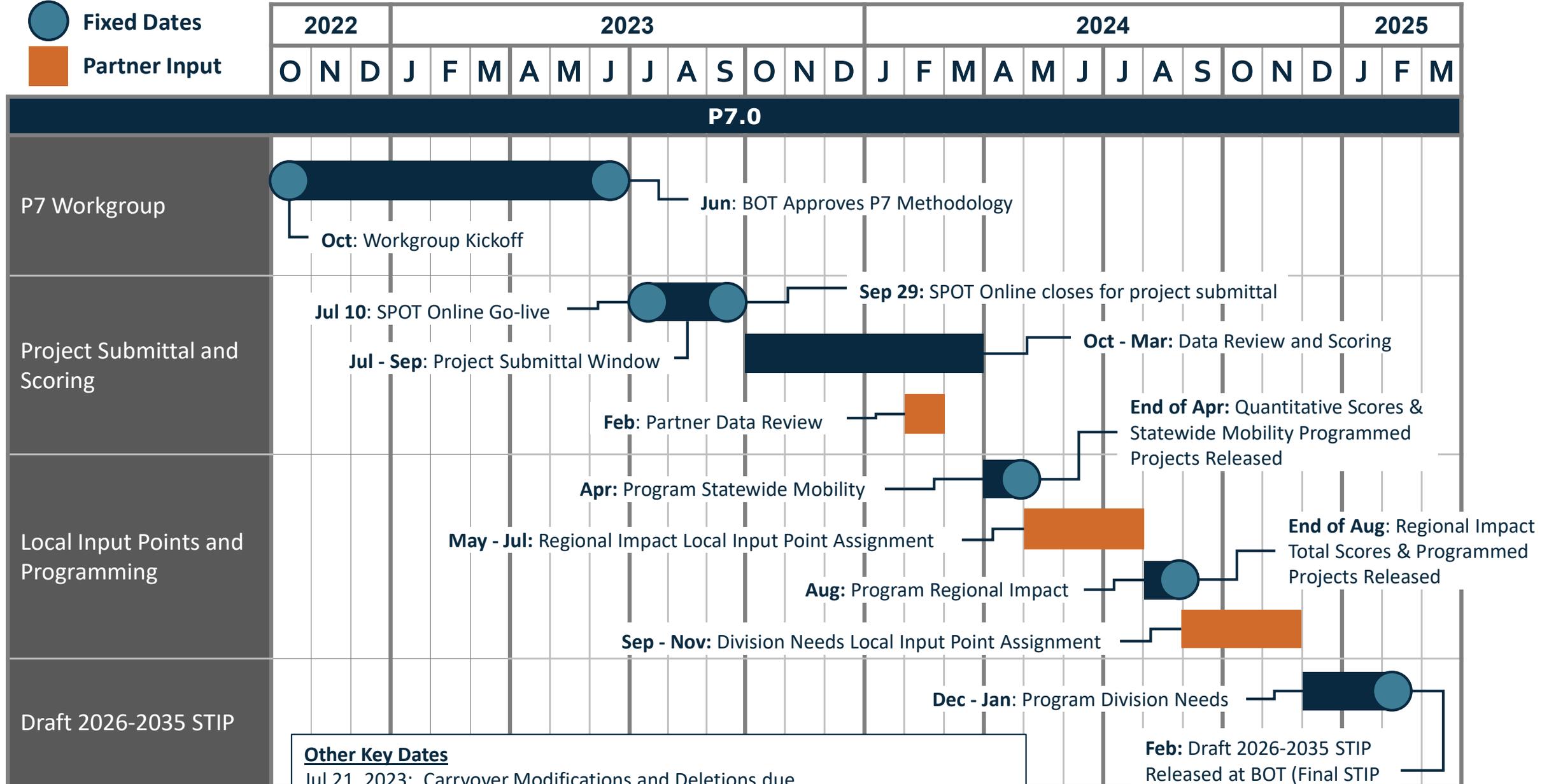
The MPO has completed the solicitation process for both highway and non-highway modes, although projects can be submitted by either NCDOT Division office. It is important to note that NCDOT has always spent the majority of funds on highway projects and the Department has adopted a minimum floor for highway expenditures in the 90 percent range, with the remainder pledged for non-highway projects. Also, non-highway projects will compete for state match funds thru STI, but continue to receive federally designated funds where appropriate. The next step will be to enter the P7.0 projects into the SPOT portal for quantitative evaluation. Quantitative scores will be release in early 2024 in preparation for the local input point assignment in the summer of 2024.

P7 Schedule

Updated April 24, 2023

Dates set per P7 Workgroup in October 2022

- Fixed Dates
- Partner Input



Other Key Dates
 Jul 21, 2023: Carryover Modifications and Deletions due
 Sep. 29, 2023: Area-Specific Weights due
 April 1, 2024: Deadline for SPOT Office approval of LIP Assignment Methodologies

Project A

Cabarrus-Rowan MPO

Local Highway Priority List Project Request Form

Agency: Town of Mount Pleasant, Cabarrus County

Type of Project: Bicycle & Pedestrian

Location: W. Franklin Street (NC Highway 73) between Duchess Drive and Halifax Street

Length and Scope: 5,200 linear feet of six-foot sidewalk and curb

Right of Way: None-within existing right-of-way

Summary of Need / Benefit of Project: This implements one of the projects recommended in the Town's NCDOT-funded Bicycle and Pedestrian Project Acceleration Implementation Plan. This project involves a 5,200-foot sidewalk extension along south side of W. Franklin Street (NC Highway 73) from Halifax Street to Duchess Drive and a small segment on Duchess Drive to the entrance of a grocery store. This sidewalk connects a low-income apartment complex to the Town's only grocery store. There is a well-worn path where residents walk to the grocery store, creating a dangerous situation for pedestrians and motorists. This project also connects the residential area to the Downtown business district.

Other Information:

- Cost estimate -\$1,225,000
Cost estimate was included in NCDOT-funded Bicycle and Pedestrian Project Acceleration Implementation Plan from the NCDOT Cost Estimation Tool.

- Local support or matching funds available
The minimum local match for this project is 20%, which is \$245,000. This match would come the Town's General Fund.
- Included in a local plan
This project is included in the NCDOT-funded Bicycle and Pedestrian Project Acceleration Implementation Plan, which highlights the top five priority pedestrian projects in the Town of Mount Pleasant. The relevant section of the Plan is attached.
- Map
The project map is included from relevant excerpt of the NCDOT-funded Bicycle and Pedestrian Project Acceleration Implementation Plan
- Resolution of support included

D. FRANKLIN STREET - DUCHESS DRIVE TO HALIFAX STREET

PROPOSED PROJECT: NEW CONSTRUCTION

- Extension of sidewalk along north side of street for 1,800'.
- Extension of sidewalk along south side of street for 1,600' from the intersection with Duchess Drive and for 1,800' from the intersection with S Halifax Street.

PROJECT OBSERVATIONS

Opportunities

- Provides pedestrian connectivity between residential and several retail locations.
- Provides improved pedestrian access for employees to Kindly Mill.
- Provides pedestrian connection to downtown Mount Pleasant, in coordination with another priority pedestrian project Segment on W. Franklin Street.
- Improves ADA access along W. Franklin Street.

Constraints

- Adding sidewalk along the steep cut slopes on the south side of the road could have increased project costs and significant property impacts.
- Long stretches of valley gutter entrances make safe pedestrian access difficult to navigate.

PRIORITIZATION SCORE OVERVIEW

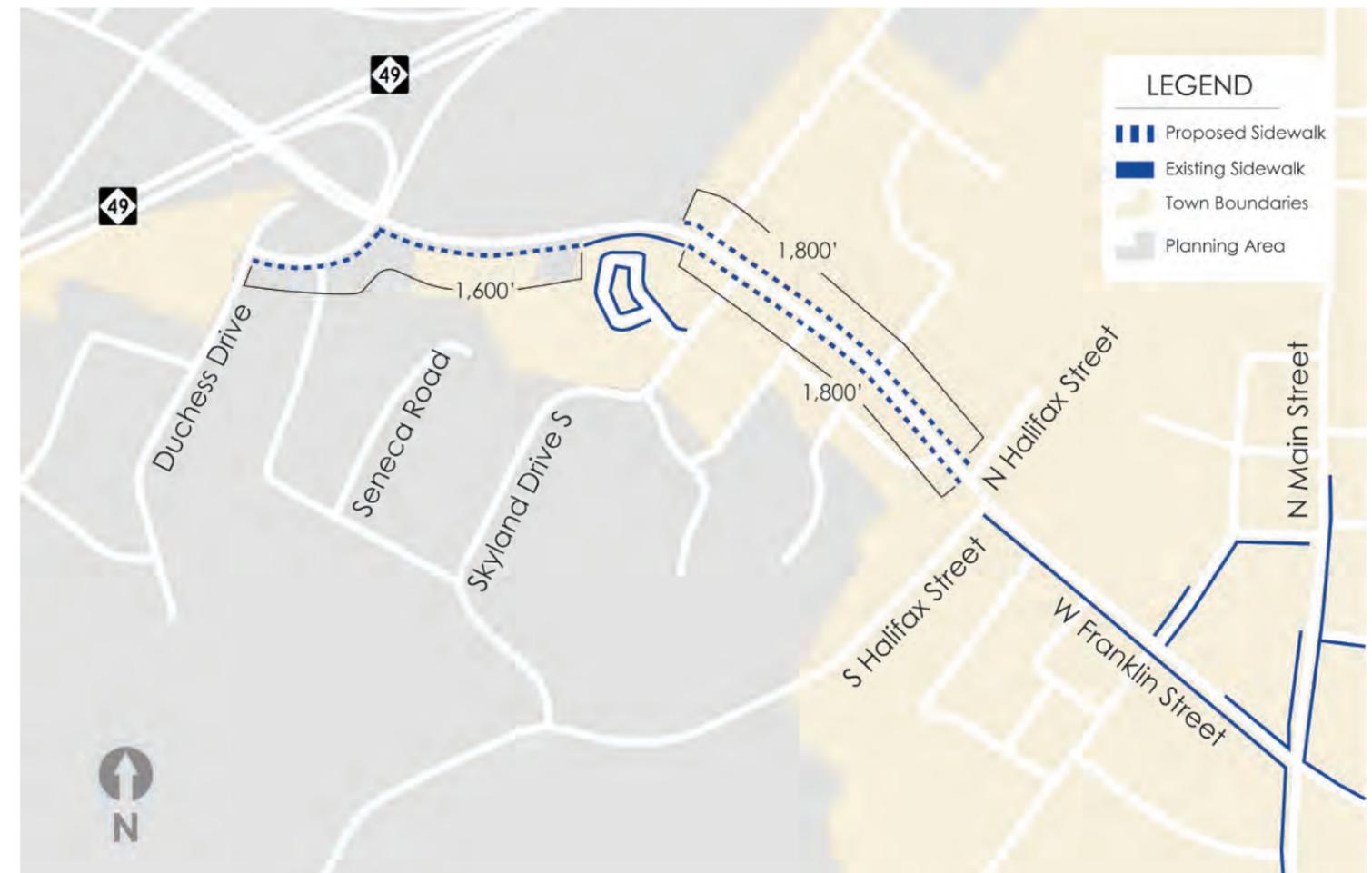
- A pedestrian crash **has** occurred on this corridor at the intersection with N Halifax Street.
- The proposed facility will connect to the existing sidewalk network.
- Business frontage is present along this corridor.
- This corridor connects **1 community destination**.
- The proposed project's cost is **\$1,225,000** (design + construction).

CORRIDOR CHARACTERISTICS

- 0.6-mile-long segment
- 60' - 145' right-of-way (no acquisition required)
- Four lane at the intersection with Duchess Drive, then two lane, two-way.
- Speed limit is 45 MPH, decreasing to 35 MPH 500' from the intersection with Duchess Drive.
- Wide variety of land uses along corridor, mostly commercial and residential.

FUNDING & IMPLEMENTATION STRATEGY

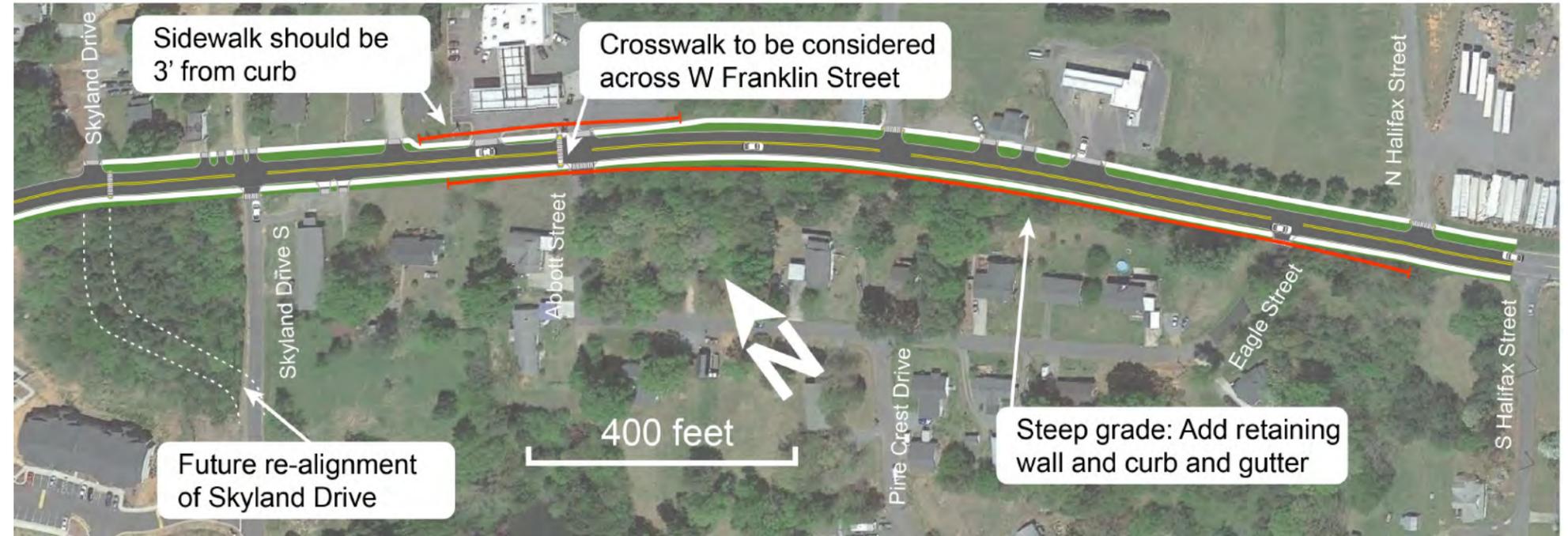
Since the sidewalk improvements are on a state-maintained roadway, funding will be pursued through state maintenance, retrofit, and/or new construction project funding.



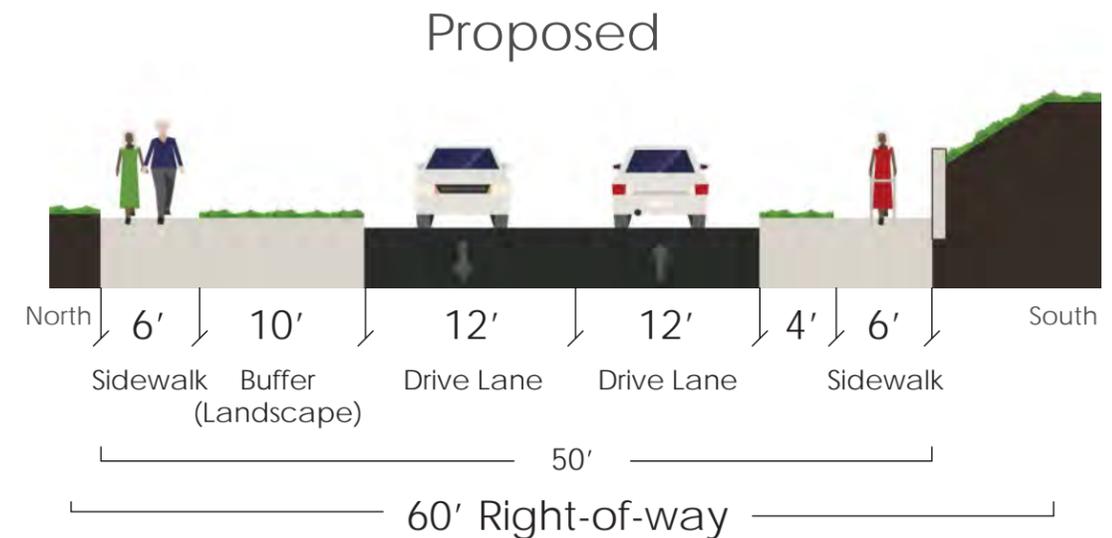
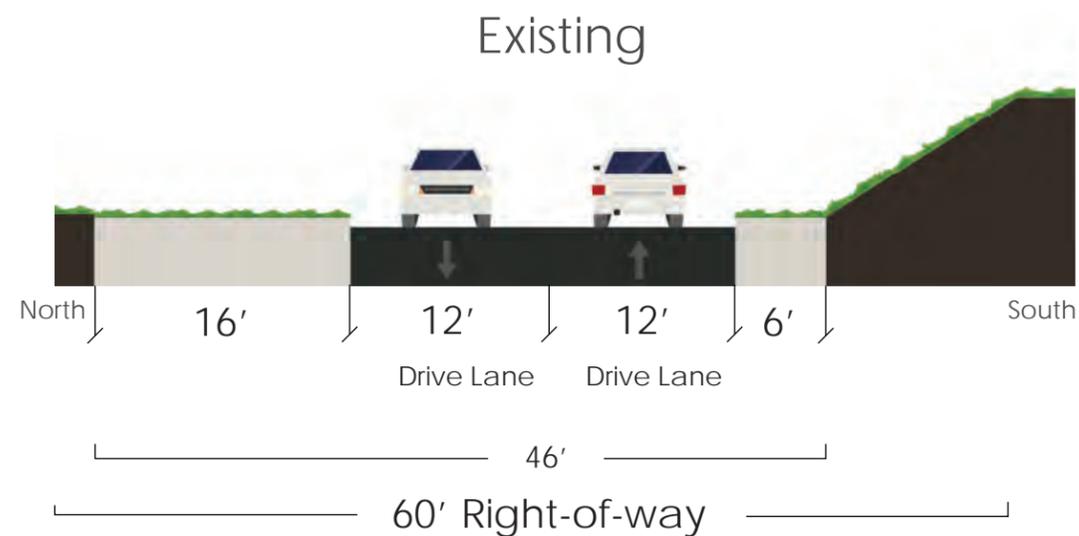
D. FRANKLIN STREET - DUCHESS DRIVE TO HALIFAX STREET

KEY DESIGN CONSIDERATIONS

- Pedestrian access across W Franklin Street will require implementing countermeasures consistent with the FHWA Guide for Improving Pedestrian Safety at Uncontrolled Crossing Locations.
- For improved pedestrian safety and access management, the extended stretches of private property pavement that is flush with the roadway edge of pavement should be replaced with well-defined entrances and sidewalk between the entrances.
- Steep existing sideslopes on the south side of W Franklin Street will require new retaining walls and/or a tighter typical section in order to limit the impacts of a new sidewalk on the south side of the road.

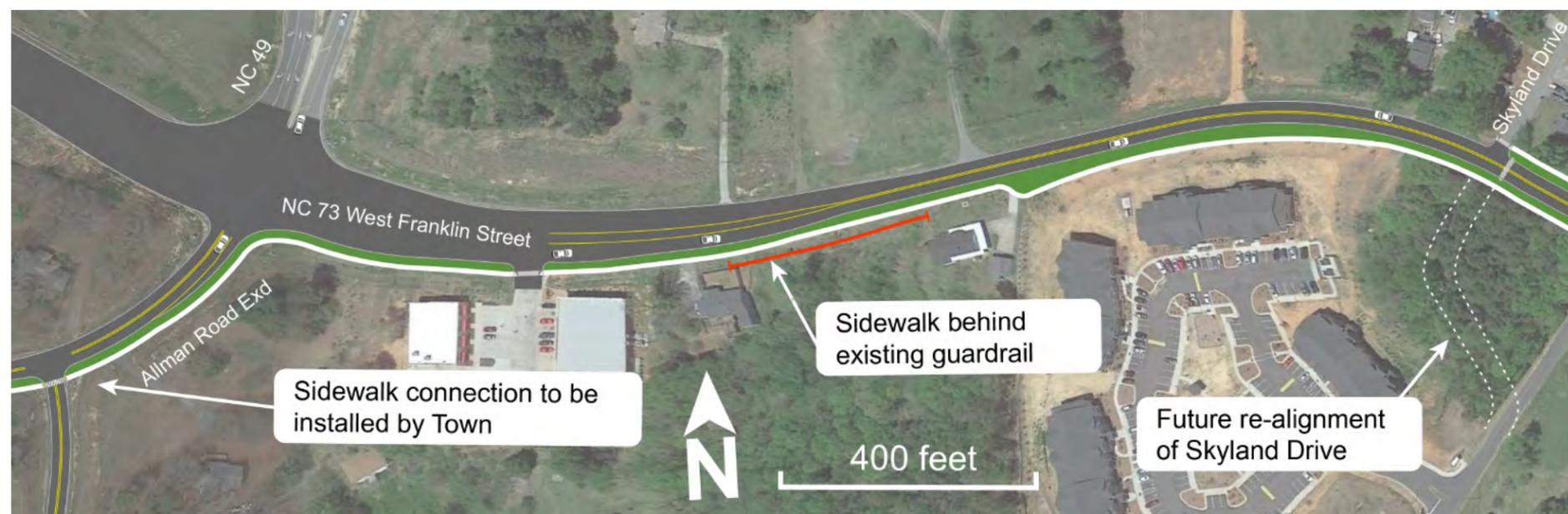
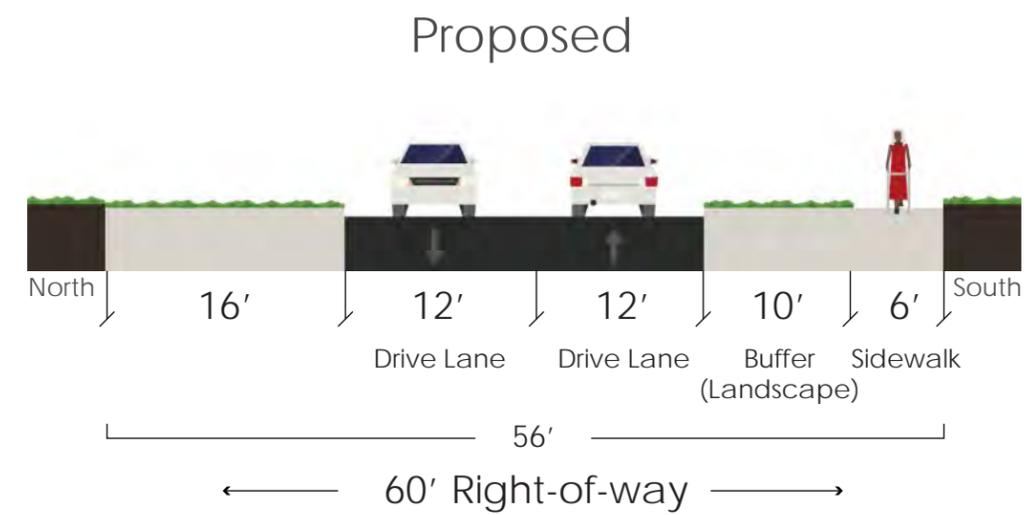
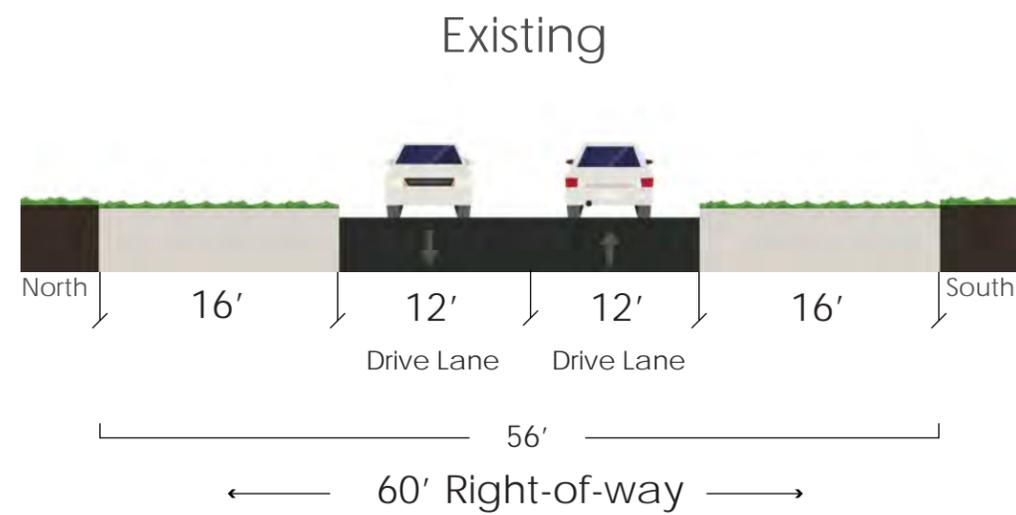


W FRANKLIN STREET CONCEPT DESIGN (EAST OF SKYLAND DRIVE)



D. FRANKLIN STREET - DUCHESS DRIVE TO HALIFAX STREET

W FRANKLIN STREET CONCEPT DESIGN (WEST OF SKYLAND DRIVE)



**A RESOLUTION ENDORSING WEST FRANKLIN STREET SIDEWALK
FROM DUCHESS DRIVE TO HALIFAX STREET FOR THE
CABARRUS-ROWAN METROPOLITAN PLANNING ORGANIZATION REGIONAL PRIORITY LIST**

WHEREAS, the North Carolina Board of Transportation (BOT), every two years, prepares a Statewide Transportation Improvement Program (STIP) that identifies transportation projects to be implemented over the next seven years with State and Federal funding; and

WHEREAS, the North Carolina BOT solicits input for identifying transportation projects of local and regional importance to be included in the next STIP; and

WHEREAS, the Cabarrus-Rowan Transportation Advisory Committee is charged with the development of a Metropolitan Transportation Improvement Program (MTIP); and

WHEREAS, the Town of Mount Pleasant is a member jurisdiction of the CRMPO; and

WHEREAS, the Cabarrus-Rowan MPO encourages the North Carolina Department of Transportation (NCDOT) to design all highway projects, where appropriate, to accommodate bicycle and pedestrian traffic that support alternative means of transportation; and

WHEREAS, the Town of Mount Pleasant has outlined its transportation and highway project priorities within the CRMPO planning area in the attached application to the MPO;

NOW, THEREFORE, BE IT RESOLVED by the Town of Mount Pleasant that the Board endorses the following new pedestrian project to be evaluated on the list of projects that will ultimately be considered for the FY 2026-2035 CRMPO MTIP:

5,200 linear feet of six-foot sidewalk and curb along Duchess Drive and W. Franklin Street (NC Highway 73) to Halifax Street

This project will be submitted as a new highway project to be considered for inclusion in the next update of the CRMPO Metropolitan Transportation Plan (MTP) and MTIP as well as the 2026-2035 STIP.

Upon motion of Commissioner Simpson, seconded by Commissioner Meadows the foregoing resolution was adopted this the 8th day of May, 2023.

I, Amy Schueneman, Town Clerk, **DO HEREBY CERTIFY** that the foregoing is a true copy of so much of the proceedings of the Town Board of Commissioners at a meeting held on May 8, 2023, as relates in any way to the adoption of the foregoing and that said proceedings are recorded in the minutes of the Board.

WITNESS my hand and the seal of the Town, this 8th day of May, 2023.



Amy Schueneman
Clerk to the Board

Cabarrus-Rowan MPO

Local Highway Priority List Project Request Form

Agency: Town of Mount Pleasant, Cabarrus County

Type of Project: Bicycle & Pedestrian

Location: W. Franklin Street, between S. Halifax Street and Main Street

Length and Scope: 1,650 linear feet of six-foot sidewalk and curb

Right of Way: None-within existing right-of-way

Summary of Need / Benefit of Project: This implements one of the projects recommended in the Town's NCDOT-funded Bicycle and Pedestrian Project Acceleration Implementation Plan. This project involves a 1,500-ft. sidewalk extension along north side of W. Franklin Street (NC Highway 73) to the intersection with Halifax Street. It also includes a 150-ft. sidewalk extension on the south side of W. Franklin Street (NC Highway 73) to Halifax Street. This sidewalk provides connectivity from residential areas and businesses along Highway 73 to Downtown Mount Pleasant.

Other Information:

- Cost estimate -\$540,000
Cost estimate was included in NCDOT-funded Bicycle and Pedestrian Project Acceleration Implementation Plan from the NCDOT Cost Estimation Tool.

- Local support or matching funds available
The minimum local match for this project is 20%, which is \$108,000. This match would come from the Town's General Fund.

- Included in a Local Plan
This project is included in the NCDOT-funded Bicycle and Pedestrian Project Acceleration Implementation Plan, which highlights the top five priority pedestrian projects in the Town of Mount Pleasant. The relevant section of the Plan is attached.
- Map
The project map is included from relevant excerpt of the NCDOT-funded Bicycle and Pedestrian Project Acceleration Implementation Plan
- Resolution of support included

B. FRANKLIN STREET - HALIFAX STREET TO MAIN STREET

PROPOSED PROJECT: NEW CONSTRUCTION/RETROFIT

- Sidewalk extension along north side of the street 1,500 feet to intersection with N Halifax Street
- Sidewalk extension along south side of the street 150 feet to intersection with N Halifax Street

CORRIDOR CHARACTERISTICS

- 0.5-mile-long segment
- 60' right-of-way (no acquisition required)
- Two lane, two-way roadway
- No striped shoulder for most of the corridor, but wide travel lanes
- Speed limit is 35 MPH, decreasing to 20 MPH 500' from the intersection with Main Street
- Wide variety of land uses along corridor, mostly commercial and industrial

PROJECT OBSERVATIONS

Opportunities

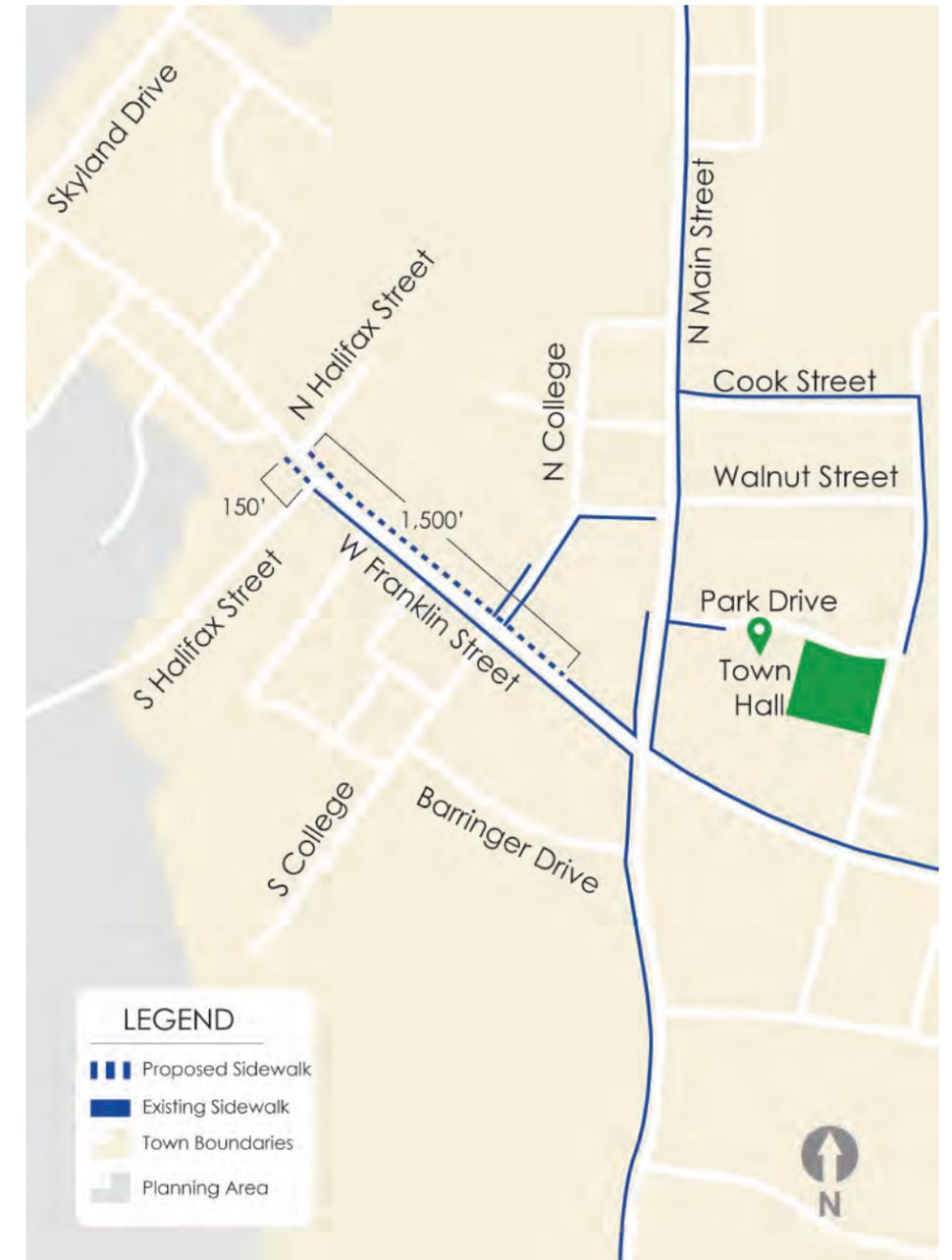
- Improved pedestrian access to destinations on the north side of W Franklin Street
- Improved pedestrian access for employees to Kindley Mill businesses
- Improved ADA access along W Franklin Street

Constraints

- Steep cut slopes and fill slopes near the roadway may require retaining walls and/or reduced vegetated buffers between the sidewalk and the curb.
- Existing trees, retaining wall, stairs, and utility appurtenances are within the desired sidewalk location.
- Dead end sidewalks on west end are not at the best location for a crosswalk across W Franklin Street.
- Long stretches of valley gutter entrances impede pedestrian access.

PRIORITIZATION SCORE OVERVIEW

- A pedestrian crash **has** occurred on this corridor at the intersection with Main Street.
- The proposed facility will connect to the existing sidewalk network.
- Business frontage is present along this corridor.
- This corridor connects **3 community destinations**.
- The proposed project's cost is **\$540,000** (design + construction).



FUNDING & IMPLEMENTATION STRATEGY

Since the sidewalk improvements are on a state-maintained roadway, funding will be pursued through state maintenance, retrofit, and/or new construction project funding.

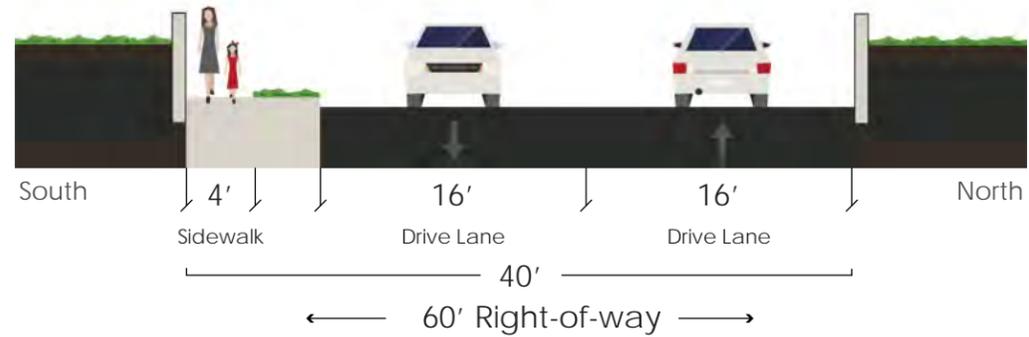
B. FRANKLIN STREET - HALIFAX STREET TO MAIN STREET

KEY DESIGN CONSIDERATIONS

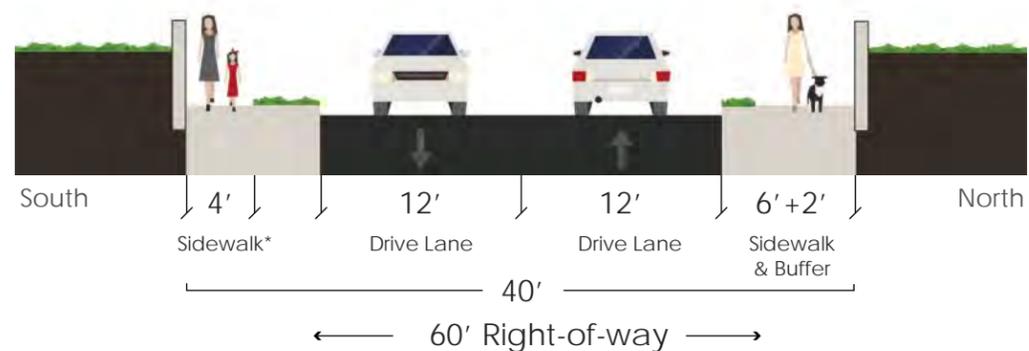
- For improved pedestrian safety and access management, the valley gutter frontage in front of the Mt Pleasant Smoke House, JC Auto, and Mt. Pleasant Animal Hospital should have well-defined entrances with sidewalks between the entrances.
- Steep existing sideslopes on the northeast side of W Franklin Street will require new retaining walls and/or a tighter typical section in order to accommodate a new sidewalk.

W FRANKLIN STREET CONCEPT DESIGN

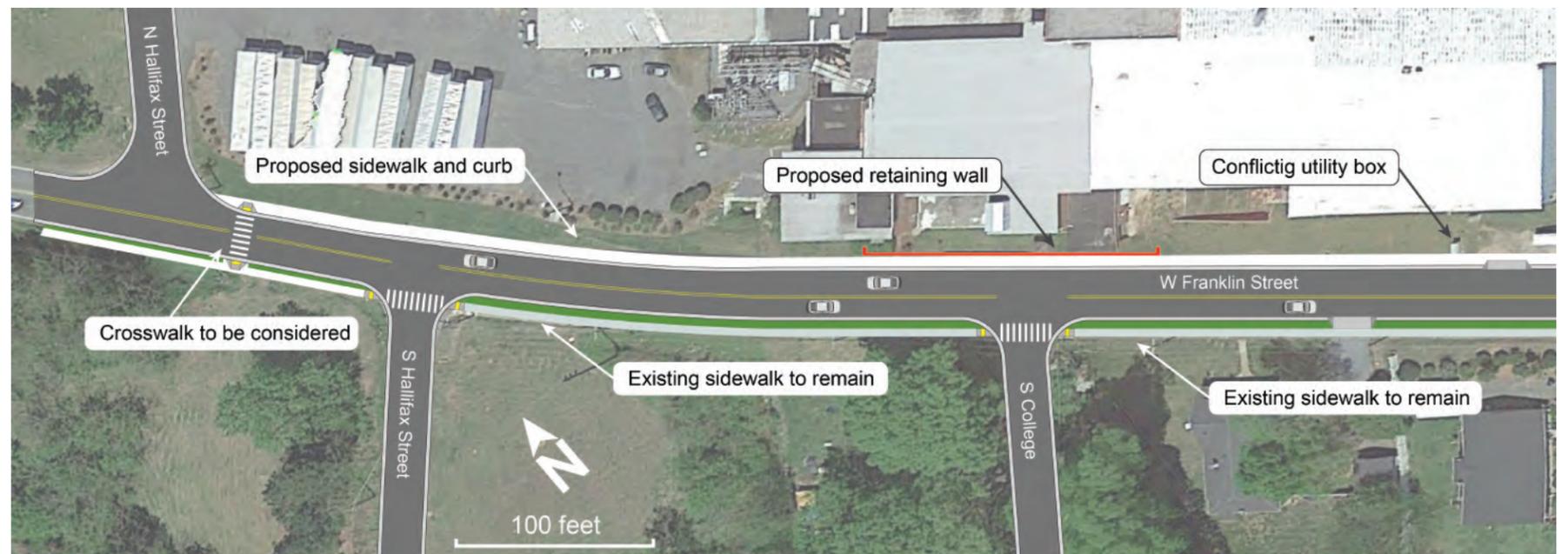
Existing



Proposed



*Prefer sidewalk widened to 6', however, was not prioritized for the fiscally constrained project implementation plan.



**A RESOLUTION ENDORSING WEST FRANKLIN STREET SIDEWALK
BETWEEN HALIFAX STREET AND MAIN STREET FOR THE
CABARRUS-ROWAN METROPOLITAN PLANNING ORGANIZATION REGIONAL PRIORITY LIST**

WHEREAS, the North Carolina Board of Transportation (BOT), every two years, prepares a Statewide Transportation Improvement Program (STIP) that identifies transportation projects to be implemented over the next seven years with State and Federal funding; and

WHEREAS, the North Carolina BOT solicits input for identifying transportation projects of local and regional importance to be included in the next STIP; and

WHEREAS, the Cabarrus-Rowan Transportation Advisory Committee is charged with the development of a Metropolitan Transportation Improvement Program (MTIP); and

WHEREAS, the Town of Mount Pleasant is a member jurisdiction of the CRMPO; and

WHEREAS, the Cabarrus-Rowan MPO encourages the North Carolina Department of Transportation (NCDOT) to design all highway projects, where appropriate, to accommodate bicycle and pedestrian traffic that support alternative means of transportation; and

WHEREAS, the Town of Mount Pleasant has outlined its transportation and highway project priorities within the CRMPO planning area in the attached application to the MPO;

NOW, THEREFORE, BE IT RESOLVED by the Town of Mount Pleasant that the Board endorses the following new pedestrian project to be evaluated on the list of projects that will ultimately be considered for the FY 2026-2035 CRMPO MTIP:

1,650 linear feet of six-foot wide sidewalk and curb within existing right-of-way along W. Franklin Street (NC Highway 73) between Halifax Street and Main Street

This project will be submitted as a new highway project to be considered for inclusion in the next update of the CRMPO Metropolitan Transportation Plan (MTP) and MTIP as well as the 2026-2035 STIP.

Upon motion of Commissioner Simpson, seconded by Commissioner Carter, the foregoing resolution was adopted this the 8th day of May, 2023.

I, Amy Schueneman, Town Clerk, **DO HEREBY CERTIFY** that the foregoing is a true copy of so much of the proceedings of the Town Board of Commissioners at a meeting held on May 8, 2023, as relates in any way to the adoption of the foregoing and that said proceedings are recorded in the minutes of the Board.

WITNESS my hand and the seal of the Town, this 8th day of May, 2023.



Amy Schueneman
Clerk to the Board

Cabarrus-Rowan MPO

Local Highway Priority List Project Request Form

Agency: Town of Mount Pleasant, Cabarrus County

Type of Project: Bicycle & Pedestrian

Location: E. Franklin Street (NC Highway 73) between Main Street and Blueberry Street

Length and Scope: 4,400 linear feet of six-foot sidewalk and curb

Right of Way: None-within existing right-of-way

Summary of Need / Benefit of Project: This implements one of the projects recommended in the Town's NCDOT-funded Bicycle and Pedestrian Project Acceleration Implementation Plan. This project involves a 3,500-foot sidewalk extension along south side of E. Franklin Street (NC Highway 73) from Main Street in downtown to the intersection with Blueberry Street. It also includes a 900-ft. sidewalk extension on the north side of E. Franklin Street (NC Highway 73) to Crowell Street. This sidewalk is a critical connection to the businesses along Highway 73 and Downtown to a low-to-moderate income area of Town in which residents would benefit from pedestrian connectivity.

Other Information:

- Cost estimate -\$1,415,000
Cost estimate was included in NCDOT-funded Bicycle and Pedestrian Project Acceleration Implementation Plan from the NCDOT Cost Estimation Tool.

- Local support or matching funds available
The minimum local match for this project is 20%, which is \$283,000. This match would come the Town's General Fund.
- Included in a local plan
This project is included in the NCDOT-funded Bicycle and Pedestrian Project Acceleration Implementation Plan, which highlights the top five priority pedestrian projects in the Town of Mount Pleasant. The relevant section of the Plan is attached.
- Map
The project map is included from relevant excerpt of the NCDOT-funded Bicycle and Pedestrian Project Acceleration Implementation Plan
- Resolution of support included

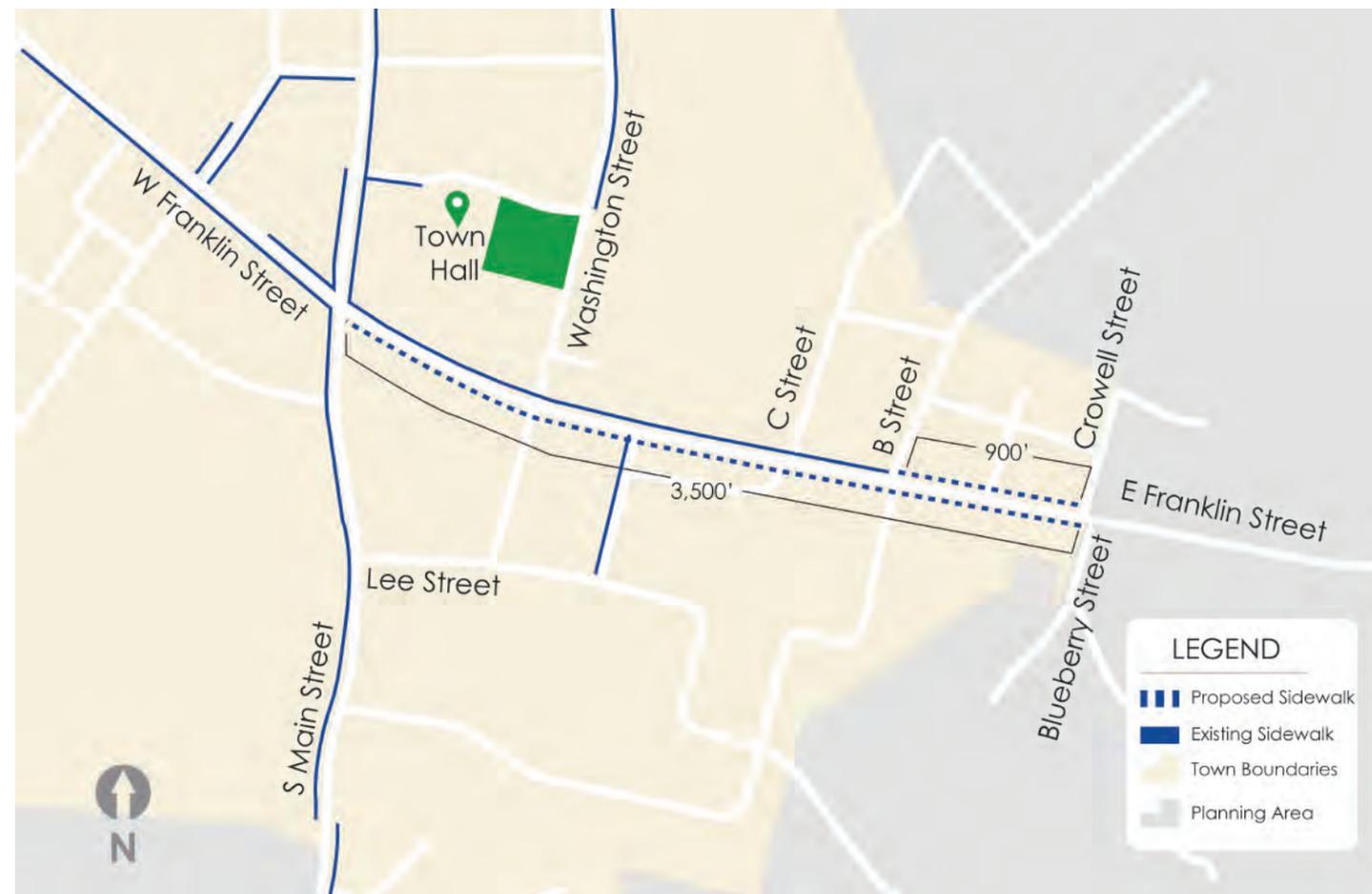
C. FRANKLIN STREET - MAIN STREET TO BLUEBERRY STREET

PROPOSED PROJECT: NEW CONSTRUCTION

- Extension of sidewalk along north side of street from B Street to intersection with Crowell Street
- Extension of sidewalk along south side of street from Main Street to Blueberry Street

CORRIDOR CHARACTERISTICS

- 0.7-mile-long segment
- 60' right-of-way (no acquisition required)
- Two lane, two-way roadway
- No side stripes but shallow curb throughout most of the corridor.
- From Main Street, speed limit is 20 MPH for 300', then increases to 35 MPH.
- A mix of land uses, including residential, commercial and industrial.



PROJECT OBSERVATIONS

Opportunities

- Provides pedestrian connection to downtown Mount Pleasant
- Provides pedestrian connectivity from residential to a variety of retail, institutional, and employment land uses
- Improves ADA access along W. Franklin Street

Constraints

- Long stretches of valley gutter entrances make safe pedestrian access difficult to navigate
- Dead end sidewalks on east end are not at a desired location for a crosswalk across W. Franklin Street

PRIORITIZATION SCORE OVERVIEW

- A pedestrian crash **has** occurred on this corridor at the intersection with Main Street.
- The proposed facility will connect to the existing sidewalk network.
- Business frontage is present along this corridor.
- This corridor connects **1 community destination**.
- The proposed project cost is **\$1,415,000** (design + construction).

FUNDING & IMPLEMENTATION STRATEGY

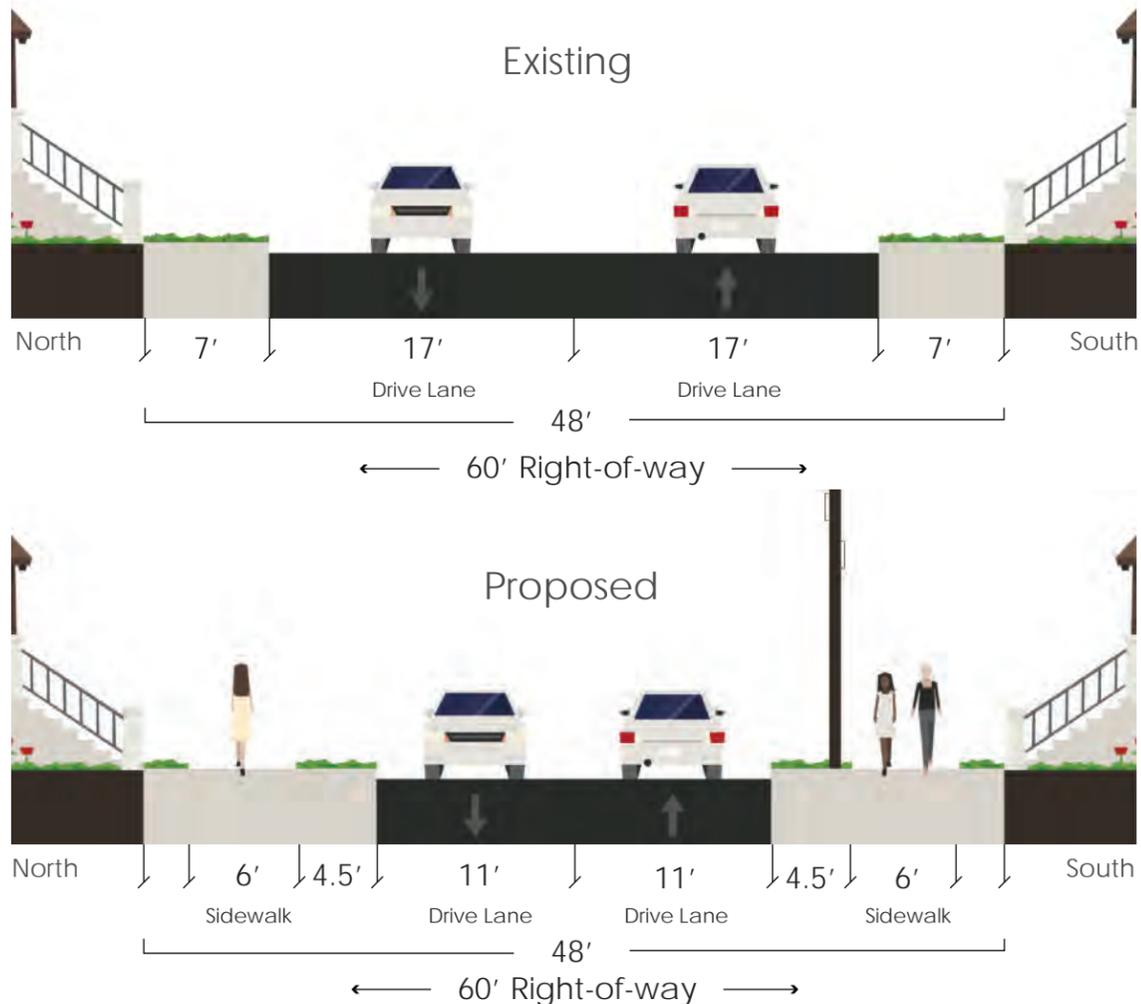
Since the sidewalk improvements are on a state-maintained roadway, funding will be pursued through state maintenance, retrofit, and/or new construction project funding.

C. FRANKLIN STREET - MAIN STREET TO BLUEBERRY STREET

KEY DESIGN CONSIDERATIONS

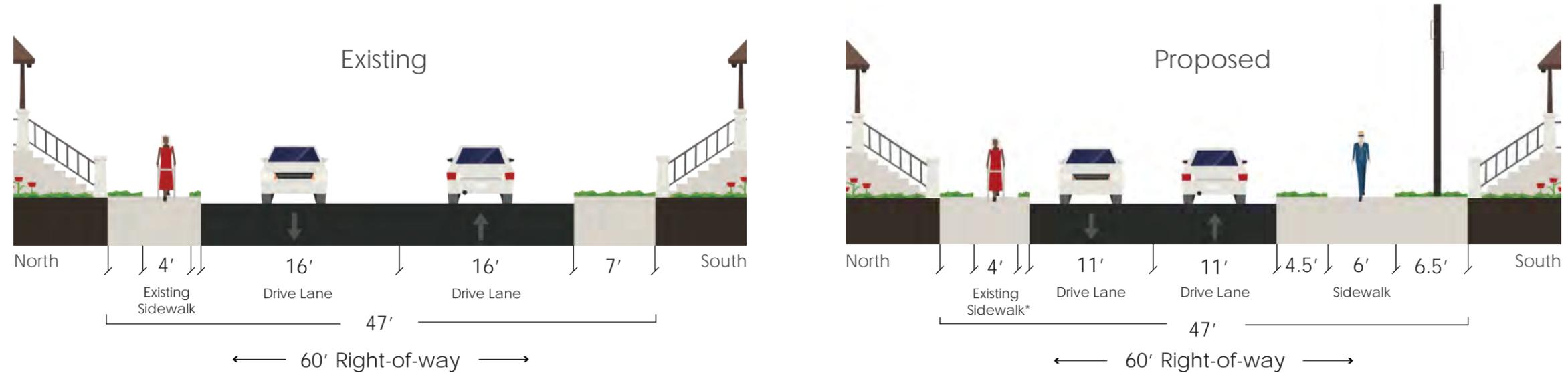
- For improved pedestrian safety and access management, the extended stretches of private property pavement that is flush with the roadway edge of pavement should be replaced with well-defined entrances and sidewalk between the entrances.
- Steep existing sideslopes on the south side of E. Franklin Street will require short retaining walls and/or a cut slope in order to accommodate a new sidewalk on the south side of the road.
- With pedestrian accommodations now provided at the southeast corner of the E. Franklin Street and S. Main Street intersection, additional crosswalk(s) and traffic signal modifications will be needed at the intersection in order to provide safe pedestrian access.
- Utility pole location varies along corridor, utility pole and sidewalk location to be determined in future design phase.

E FRANKLIN STREET CONCEPT DESIGN (EAST OF B STREET)

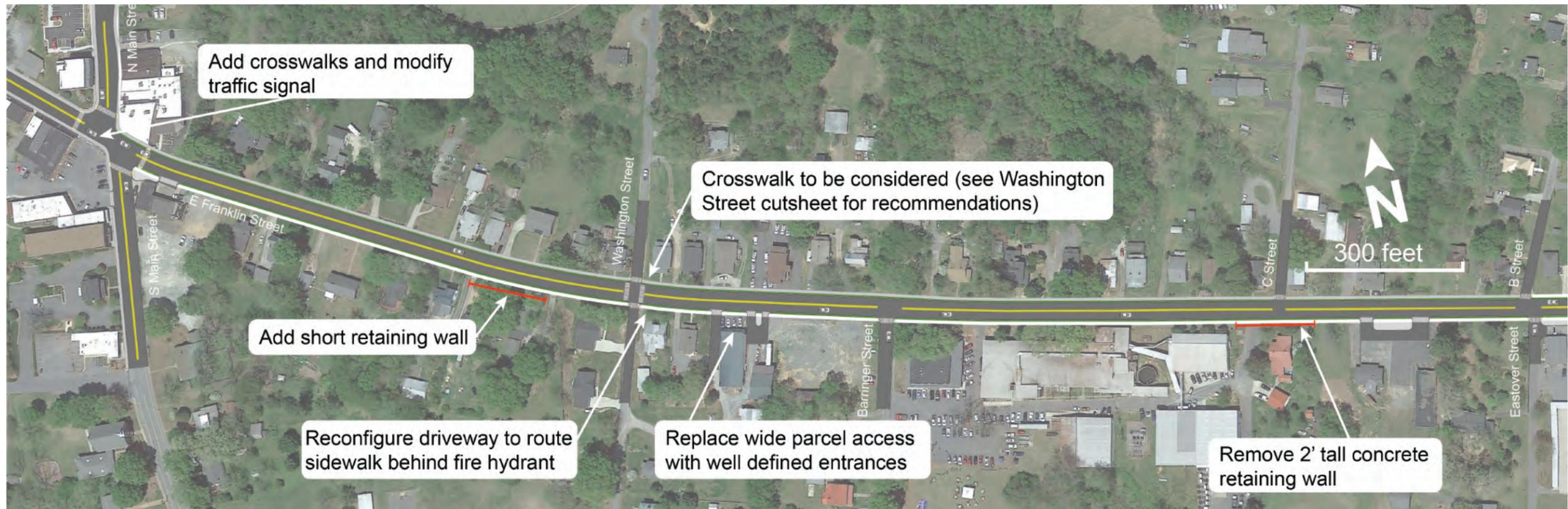


C. FRANKLIN STREET - MAIN STREET TO BLUEBERRY STREET

E FRANKLIN STREET CONCEPT DESIGN (WEST OF B STREET)



*Prefer sidewalk widened to 6', however, was not prioritized for the fiscally constrained project implementation plan.



**A RESOLUTION ENDORSING EAST FRANKLIN STREET SIDEWALK
FROM MAIN STREET TO BLUEBERRY STREET FOR THE
CABARRUS-ROWAN METROPOLITAN PLANNING ORGANIZATION REGIONAL PRIORITY LIST**

WHEREAS, the North Carolina Board of Transportation (BOT), every two years, prepares a Statewide Transportation Improvement Program (STIP) that identifies transportation projects to be implemented over the next seven years with State and Federal funding; and

WHEREAS, the North Carolina BOT solicits input for identifying transportation projects of local and regional importance to be included in the next STIP; and

WHEREAS, the Cabarrus-Rowan Transportation Advisory Committee is charged with the development of a Metropolitan Transportation Improvement Program (MTIP); and

WHEREAS, the Town of Mount Pleasant is a member jurisdiction of the CRMPO; and

WHEREAS, the Cabarrus-Rowan MPO encourages the North Carolina Department of Transportation (NCDOT) to design all highway projects, where appropriate, to accommodate bicycle and pedestrian traffic that support alternative means of transportation; and

WHEREAS, the Town of Mount Pleasant has outlined its transportation and highway project priorities within the CRMPO planning area in the attached application to the MPO;

NOW, THEREFORE, BE IT RESOLVED by the Town of Mount Pleasant that the Board endorses the following new pedestrian project to be evaluated on the list of projects that will ultimately be considered for the FY 2026-2035 CRMPO MTIP:

4,400 linear feet of six-foot sidewalk and curb along Duchess Drive and W. Franklin Street (NC Highway 73) to Halifax Street

This project will be submitted as a new highway project to be considered for inclusion in the next update of the CRMPO Metropolitan Transportation Plan (MTP) and MTIP as well as the 2026-2035 STIP.

Upon motion of Commissioner Simpson, seconded by Commissioner Farr, the foregoing resolution was adopted this the 8th day of May, 2023.

I, Amy Schueneman, Town Clerk, **DO HEREBY CERTIFY** that the foregoing is a true copy of so much of the proceedings of the Town Board of Commissioners at a meeting held on May 8, 2023, as relates in any way to the adoption of the foregoing and that said proceedings are recorded in the minutes of the Board.

WITNESS my hand and the seal of the Town, this 8 day of May, 2023.



Amy Schueneman
Clerk to the Board

Cabarrus-Rowan MPO

Local Highway Priority List Project Request Form

Agency: Town of Mount Pleasant, Cabarrus County

Type of Project: Highway

Location: Connector between NC Highway 73 and NC Highway 49 east of Mount Pleasant in eastern Cabarrus County

Length and Scope: 1.4-mile new connector road utilizing NCDOT Typical Section No. 2L, including two-lane divided road with raised median with curb and gutter, bike lanes, and sidewalks

Right of Way: 80-foot right of way needs to be acquired for the 1.4-mile length of the project (per NCDOT Typical Section No. 2L)

Summary of Need / Benefit of Project: This project implements a long-standing project of the Cabarrus-Rowan MPO Comprehensive Transportation Plan (CTP). The project was previously called a “bypass” but the scope was reduced to a “connector” utilizing NCDOT Typical Section No. 2L to connect NC Highway 73 to NC Highway 49. This connector is necessary to reduce through traffic within downtown Mount Pleasant, located in a National Register Historic District with a narrow two-lane cross section, and to accommodate increased traffic between Albemarle and Concord as Stanly County experiences more growth. Traffic is not being generated by development in Mount Pleasant, which has experienced low growth rates for three decades, but by development in the two county seats connected by NC Highway 73, making this a project with regional significance.

Other Information:

- Cost estimate -\$13,673,860 (attached)

- Local support or matching funds available
No local match is required for Highway projects.

- Included in a local plan
This project is included in the Cabarrus-Rowan MPO CTP and the Town's Comprehensive Plan, adopted in 2017.

- Map
Inset F of the Highway Map from the adopted Cabarrus-Rowan MPO CTP shows the project. An additional project map is provided.

- Resolution of support included

Town of Mount Pleasant
Connector Road between NC 49 and NC 73

COUNTY: CABARRUS
 EST. DATE: 5/3/2023
 EST. BY: RD MCMILLAN

TYPICAL SECTION: **2L** **CONSTRUCTION COSTS** \$ **13,673,860.00**
LENGTH: 1.4 Mile 7392 LF

ITEM	DESCRIPTION	QUANT.	UNIT	UNIT PRICE	TOTAL AMOUNT
1	Mobilization & Misc. (10% Construction)	1	LS	\$ 963,600.00	\$ 963,600.00
2	Clearing & Grubbing	17	AC	\$ 25,000.00	\$ 425,000.00
3	Comprehensive Excavation	1	LS	\$ 350,000.00	\$ 350,000.00
4	Drainage	1,900	LF	\$ 50.00	\$ 95,000.00
5	Asphalt Pavement (ABC & Asphalt)	39,800	SY	\$ 75.00	\$ 2,985,000.00
6	Curb & Gutter	29,600	LF	\$ 35.00	\$ 1,036,000.00
7	Sidewalk	1,700	SY	\$ 50.00	\$ 85,000.00
8	Guardrail	800	LF	\$ 50.00	\$ 40,000.00
9	Traffic Control/Striping	1	LS	\$ 50,000.00	\$ 50,000.00
10	Erosion Control/Seeding	1	LS	\$ 100,000.00	\$ 100,000.00
11	Utility Construction - Water (12")	8,200	LF	\$ 225.00	\$ 1,845,000.00
12	Utility Construction - Sewer (8"-12")	3,700	LF	\$ 250.00	\$ 925,000.00
13	Reduce Conflict Intersections: Each End	2	EA	\$ 100,000.00	\$ 200,000.00
14	Roadway Structures: Culvert/Bridge	2	LS	\$ 750,000.00	\$ 1,500,000.00
					\$ -

CONSTRUCTION COSTS	\$ 10,599,600.00
ENGINEERING & CONST. OBSV. (15%)	\$ 1,590,000.00
CONTINGENCY (10% Construction)	\$ 1,059,960.00
RIGHT-OF-WAY	\$ 424,300.00
TOTAL CONSTRUCTION COSTS	\$ 13,673,860.00
PROJECT COSTS PER MILE	\$ 9,767,042.86

A RESOLUTION ENDORSING MOUNT PLEASANT CONNECTOR FOR THE CABARRUS-ROWAN METROPOLITAN PLANNING ORGANIZATION REGIONAL PRIORITY LIST

WHEREAS, the North Carolina Board of Transportation (BOT), every two years, prepares a Statewide Transportation Improvement Program (STIP) that identifies transportation projects to be implemented over the next seven years with State and Federal funding; and

WHEREAS, the North Carolina BOT solicits input for identifying transportation projects of local and regional importance to be included in the next STIP; and

WHEREAS, the Cabarrus-Rowan Transportation Advisory Committee is charged with the development of a Metropolitan Transportation Improvement Program (MTIP); and

WHEREAS, the Town of Mount Pleasant is a member jurisdiction of the CRMPO; and

WHEREAS, the Cabarrus-Rowan MPO encourages the North Carolina Department of Transportation (NCDOT) to design all highway projects, where appropriate, to accommodate bicycle and pedestrian traffic that support alternative means of transportation; and

WHEREAS, the Town of Mount Pleasant has outlined its transportation and highway project priorities within the CRMPO planning area in the attached application to the MPO;

NOW, THEREFORE, BE IT RESOLVED by the Town of Mount Pleasant that the Board endorses the following new highway project to be evaluated on the list of projects that will ultimately be considered for the FY 2026-2035 CRMPO MTIP:

1.4-mile Mount Pleasant Connector utilizing NCDOT Typical Section No. 2L, including two-lane divided road with raised median with curb and gutter, bike lanes, and sidewalks

This project will be submitted as a new highway project to be considered for inclusion in the next update of the CRMPO Metropolitan Transportation Plan (MTP) and MTIP as well as the 2026-2035 STIP.

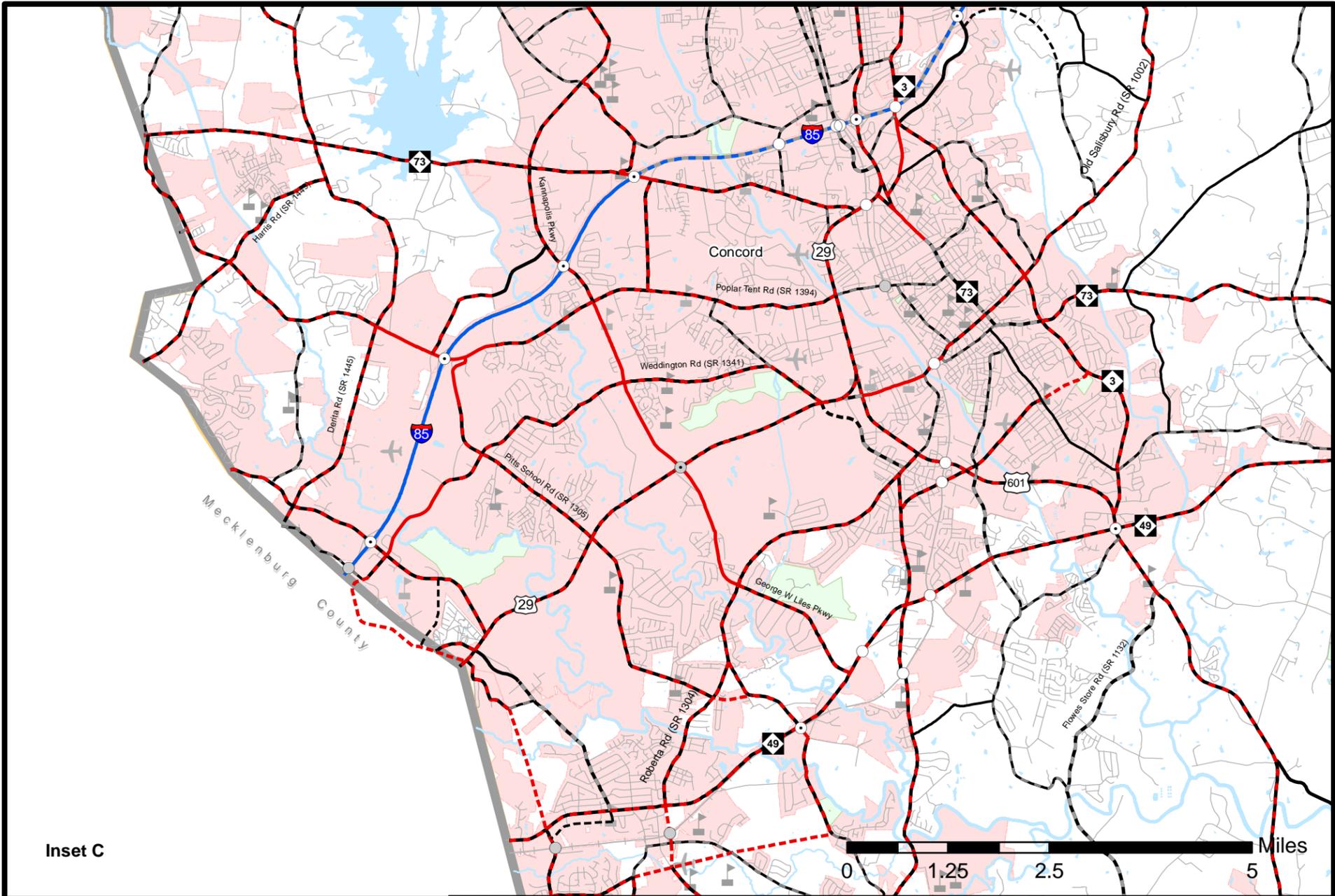
Upon motion of Commissioner Simpson, seconded by Commissioner Furr, the foregoing resolution was adopted this the 8th day of May, 2023.

I, Amy Schueneman, Town Clerk, **DO HEREBY CERTIFY** that the foregoing is a true copy of so much of the proceedings of the Town Board of Commissioners at a meeting held on May 8, 2023, as relates in any way to the adoption of the foregoing and that said proceedings are recorded in the minutes of the Board.

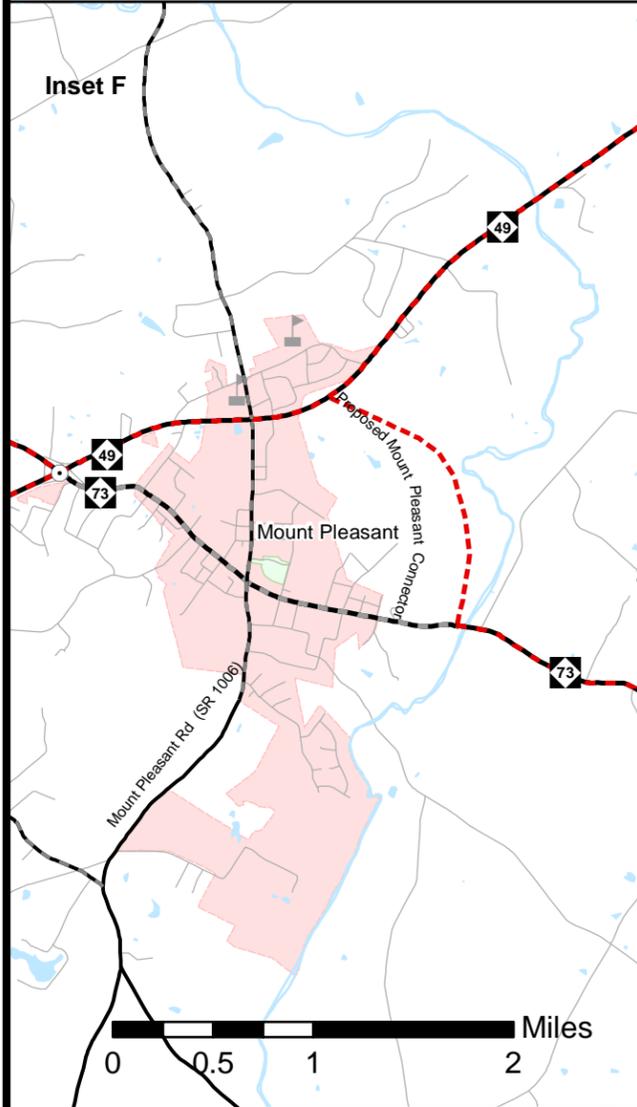
WITNESS my hand and the seal of the Town, this 8th day of May, 2023.



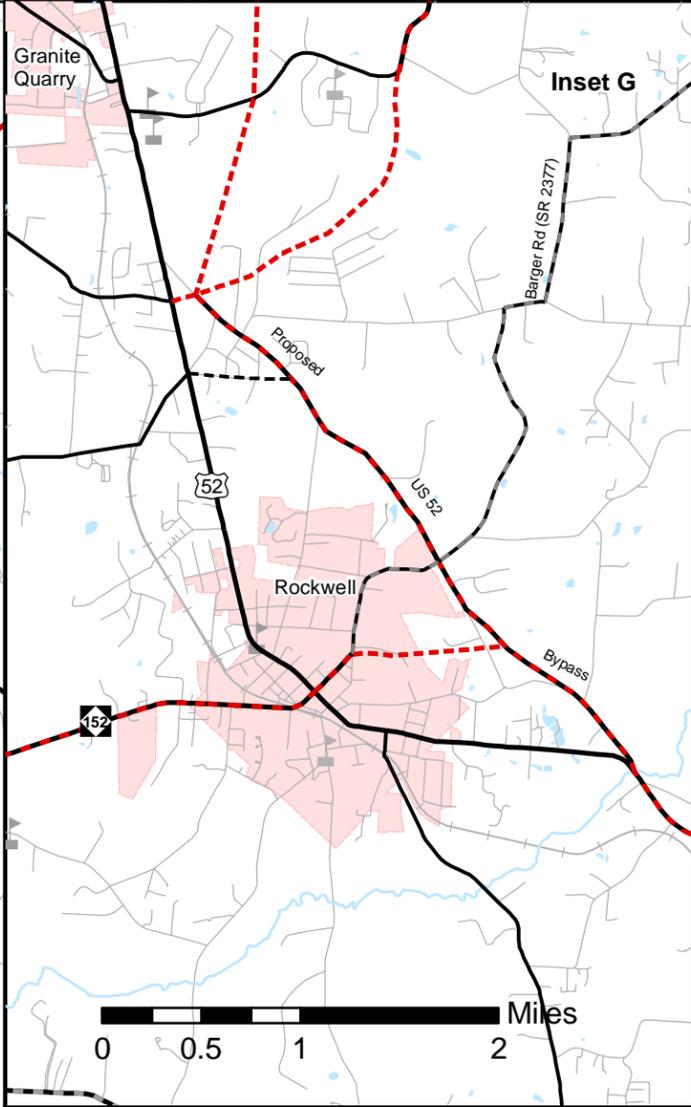
Amy Schueneman
Clerk to the Board



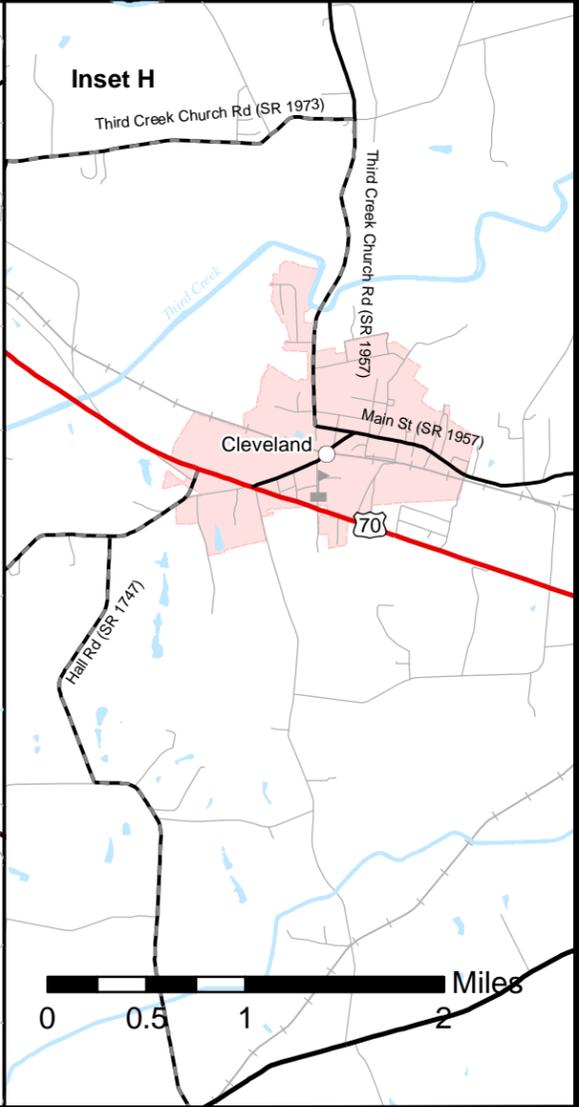
Inset C



Inset F



Inset G



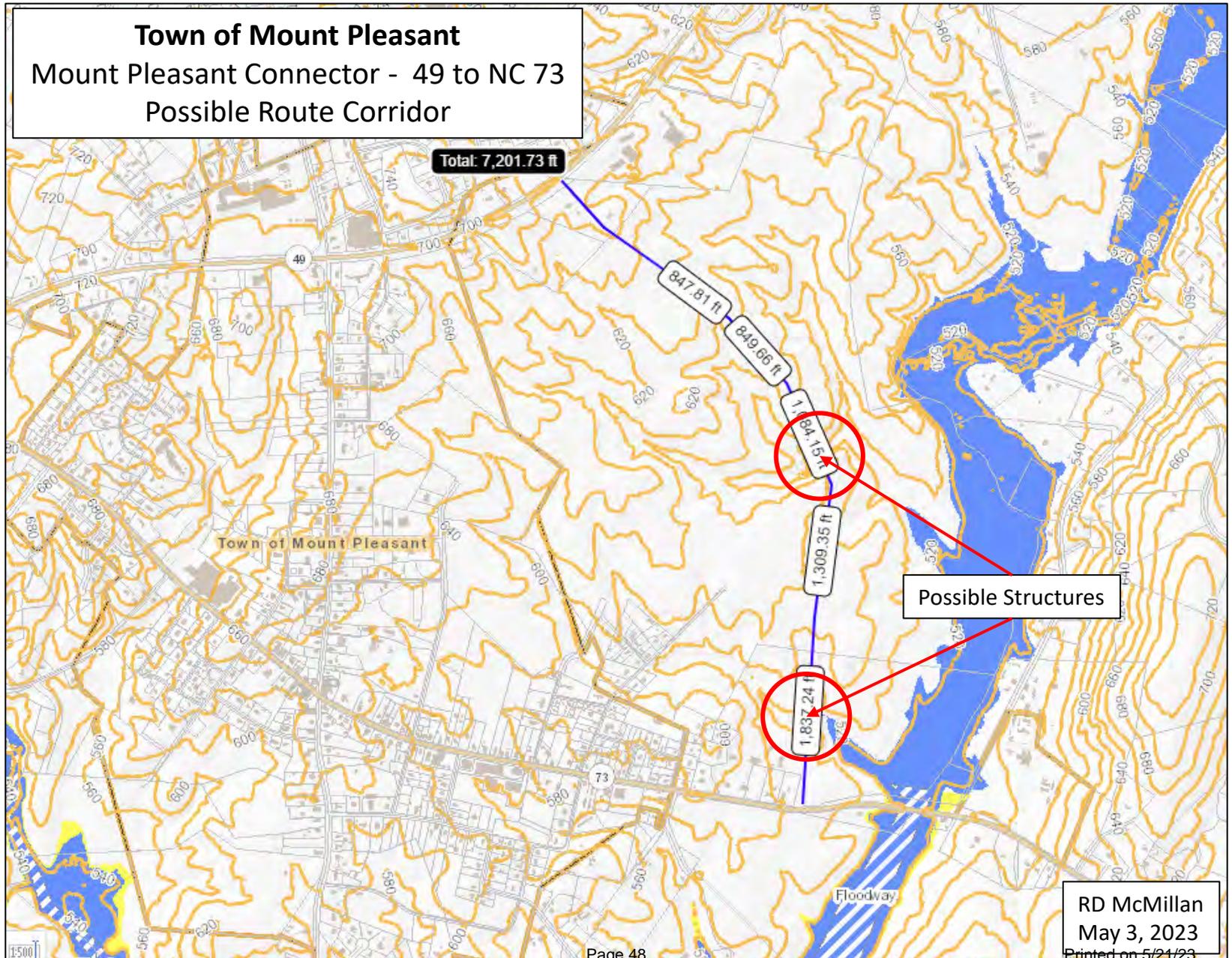
Inset H

<p>Freeways</p> <ul style="list-style-type: none"> — Existing — Needs Improvement — Recommended <p>Expressways</p> <ul style="list-style-type: none"> — Existing — Needs Improvement — Recommended <p>Boulevards</p> <ul style="list-style-type: none"> — Existing — Needs Improvement — Recommended 	<p>Other Major Thoroughfares</p> <ul style="list-style-type: none"> — Existing — Needs Improvement — Recommended <p>Minor Thoroughfares</p> <ul style="list-style-type: none"> — Existing — Needs Improvement — Recommended <p>Interchanges and Separations</p> <ul style="list-style-type: none"> ○ Existing Interchange ○ Proposed Interchange ○ Interchange Needs Improvement ○ Existing Grade Separation ○ Proposed Grade Separation
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Sheet 2C
 Base map date: February 19, 2020
 Refer to CTP document for more details
 Page 47

Highway Map
Insets C, F, G, & H
Cabarrus-Rowan
MPO
AMENDED
Cabarrus Rowan Metropolitan
Planning Organization
North Carolina
Comprehensive
Transportation Plan
 Plan date: September 26, 2016
 Revision date: March 26, 2019
 Revision 2 date: March 10, 2020

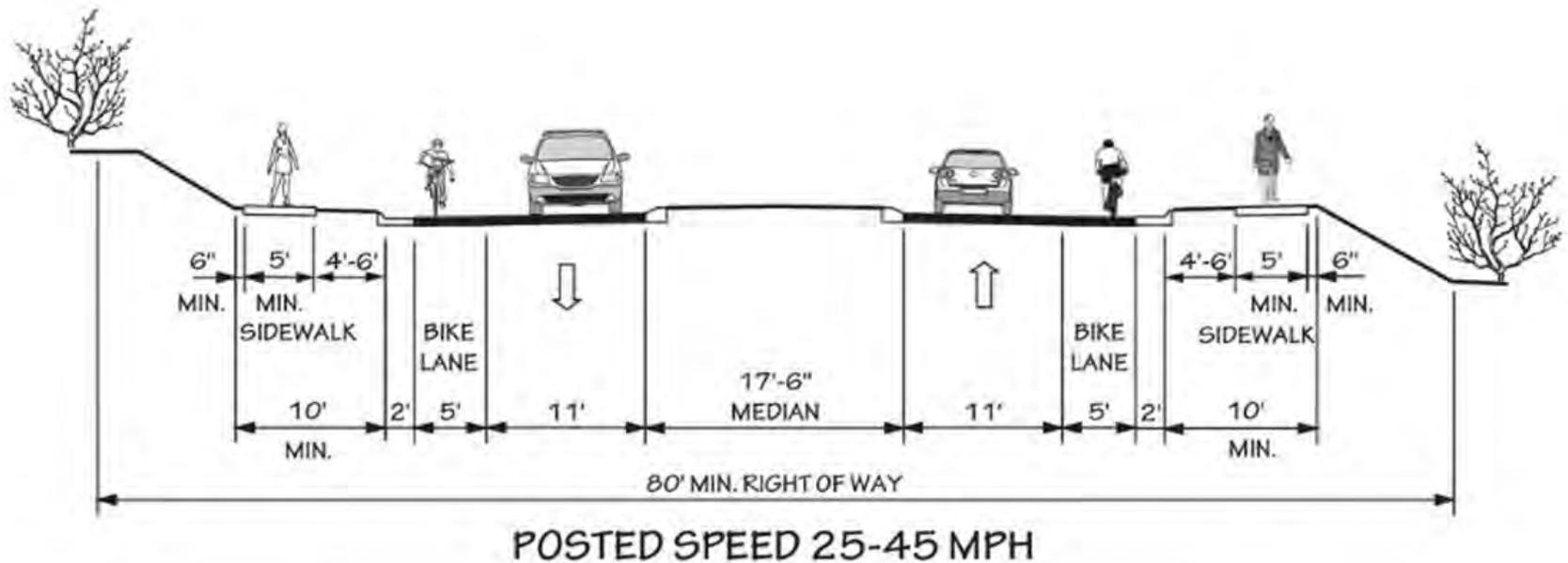
Town of Mount Pleasant
Mount Pleasant Connector - 49 to NC 73
Possible Route Corridor



RD McMillan
May 3, 2023
Printed on 5/24/23

TYPICAL SECTION No. 2L

2 LANE DIVIDED (17'-6" RAISED MEDIAN)
WITH CURB & GUTTER, BIKE LANES, AND SIDEWALKS



Project B

Cabarrus-Rowan MPO

Local Highway Priority List Project Request Form

Agency: Town of Granite Quarry

Type of Project: Highway

Location: Intersection of Byrd Road and Faith Road

Length and Scope: 3-way intersection currently with a one-way stop on the westbound lane. We are looking to add a roundabout intersection.

Right of Way: Current right of way is 60 feet in all directions and the Town of Granite Quarry owns most of the needed right of way to complete the project.

Summary of Need / Benefit of Project: This 3-way intersection connects traffic from Byrd Rd and Faith Rd into and from downtown Granite Quarry. This is also a major throughfare for the Town of Faith and City of Salisbury. This intersection handles residential and commercial traffic from interstate 85 as well. The roundabout would serve as a traffic calming device and reduce traffic crashes.

RESOLUTION 2023-04

**A RESOLUTION ENDORSING BYRD ROAD ROUNDABOUT FOR THE
CABARRUS-ROWAN METROPOLITAN PLANNING ORGANIZATION
REGIONAL PRIORITY LIST**

WHEREAS, the North Carolina Board of Transportation (BOT), every two years, prepares a Statewide Transportation Improvement Program (STIP) that identifies transportation projects to be implemented over the next seven years with State and Federal funding; and

WHEREAS, the North Carolina BOT solicits input for identifying transportation projects of local and regional importance to be included in the next STIP; and

WHEREAS, the Cabarrus-Rowan Transportation Advisory Committee is charged with the development of a Metropolitan Transportation Improvement Program (MTIP); and

WHEREAS, the Town of Granite Quarry is a member jurisdiction of the CRMPO; and

WHEREAS, the Cabarrus-Rowan MPO encourages the North Carolina Department of Transportation (NCDOT) to design all highway projects, where appropriate, to accommodate bicycle and pedestrian traffic that support alternative means of transportation; and

WHEREAS, the Town of Granite Quarry has outlined its transportation and highway project priorities within the CRMPO planning area in the attached application to the MPO;

NOW, THEREFORE, BE IT RESOLVED by the Town of Granite Quarry that the Board of Aldermen endorses the following new highway project to be evaluated on the list of projects that will ultimately be considered for the FY 2026-2035 CRMPO MTIP.

This request is to add 1 roundabout at the Byrd Road and Faith Road intersection as a traffic calming device.

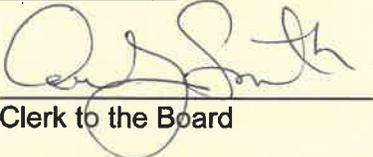
This project will be submitted as a new highway project to be considered for inclusion in the next update of the CRMPO Metropolitan Transportation Plan (MTP) and MTIP as well as the 2026-2035 STIP.

Upon motion of Alderman Shelton seconded by Mayor Pro Tem Linker, the foregoing resolution was adopted this the 10th day of April, 2023.

I, Aubrey Smith, Clerk to the Board of Aldermen, **DO HEREBY CERTIFY** that the foregoing is a true copy of so much of the proceedings of said Board at a meeting held on April 10th, 2023, as relates in any way to the adoption of the foregoing and that said proceedings are recorded in the minutes of said Council.

WITNESS my hand and the seal of said Town, this 10th day of April, 2023.




Clerk to the Board



NCDOT Prioritization 6.0 Project Summary - Mobility

SPOT ID: H223945

Mode: Highway

Status: Draft

SR-1006 (Faith Rd)

From/Cross Street: SR 2313 (Faith Rd)

Specific Improvement Type: 10 - Improve Intersection

To:

Project Category: Division Needs

Length: 0.5

TIP#: n/a

Fully Funded in Draft STIP? No

Cost to NCDOT: \$2,214,000

Description:

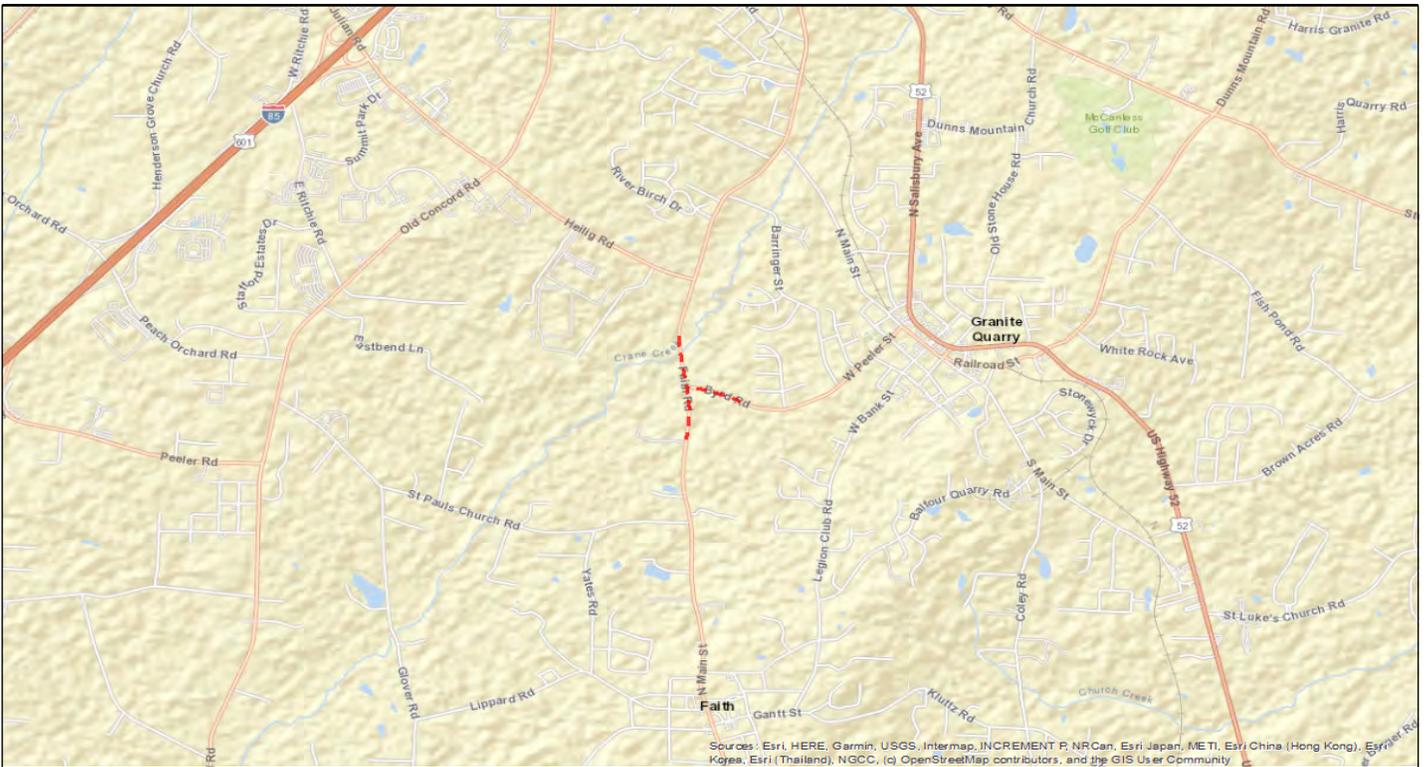
Upgrade the existing intersection with the construction of RAB

Division(s): Division 9

County(s): Rowan

MPOS(s)/RPO(s): Cabarrus-Rowan MPO

Project Location



Project C

Cabarrus-Rowan MPO

Local Highway Priority List Project Request Form

Agency: City of Salisbury

Type of Project: Highway

Location: Intersection of Gold Hill Drive and Rowan Avenue to south end of Bendix Drive (SR 2576)

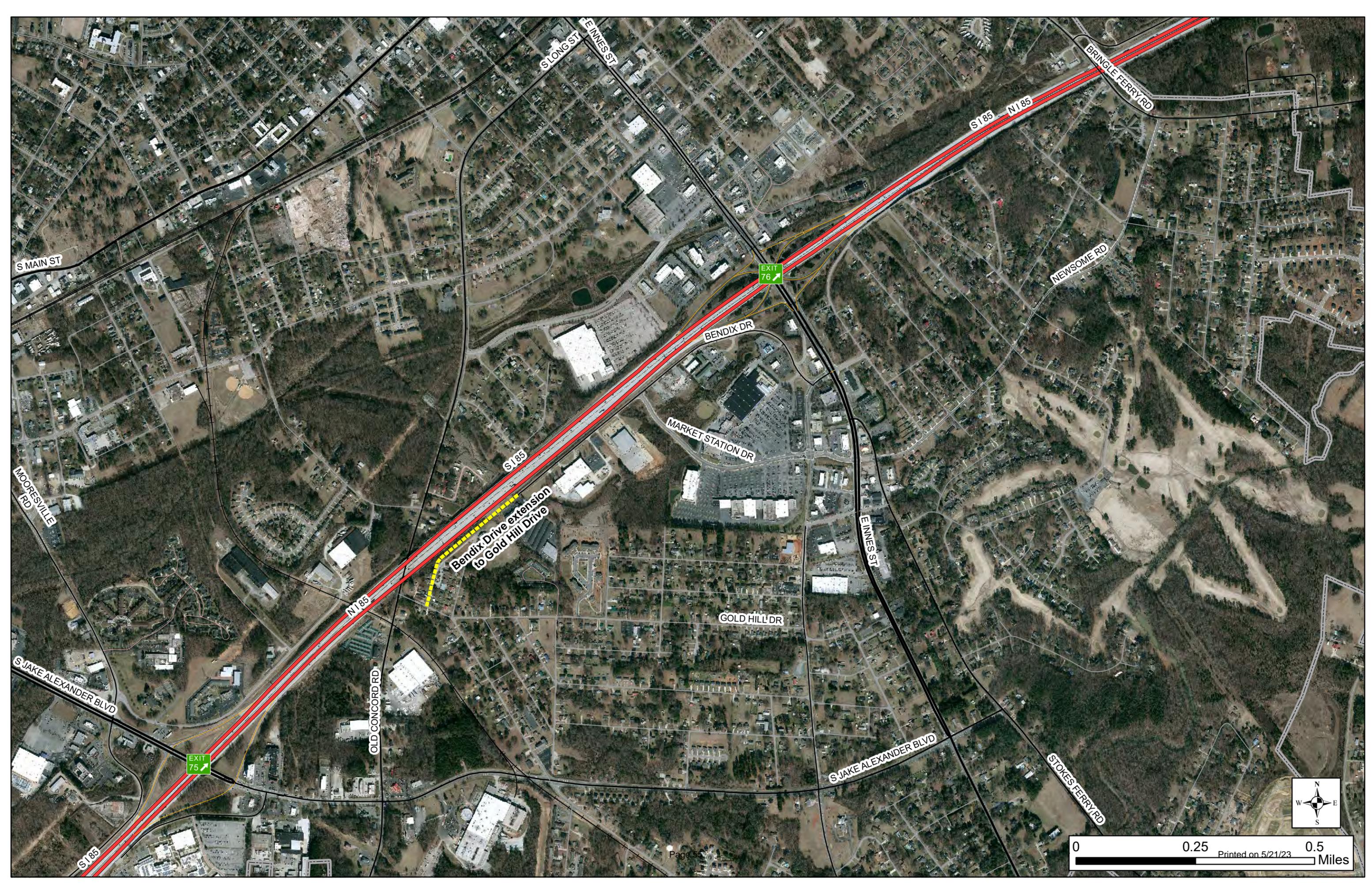
Length and Scope: 0.3 miles new roadway with NCDOT cross-section 2E, modified for no bicycle lanes and sidewalk on one side only

Right of Way: Bendix Drive is currently located within the right-of-way of I-85, and the extension would also utilize the I-85 right-of-way, as well as existing right-of-way for Rowan Avenue. Temporary construction and/or permanent drainage easements will be minimal

Summary of Need / Benefit of Project: The extension of Newsome Road (known as Market Station Drive) was completed in 2020 under Project U-5820. This extension helped alleviate the traffic burden at Bendix Drive and Faith Road by adding a median to prevent left-turns and providing alternate access to Innes Street (US 52). The major shopping and commercial area adjacent to I-85, just off Exit 76, continues to see growth. Bendix Drive, an access road within the right-of-way of I-85, currently supports several major industries and hotels, but also boasts prime developable real estate. Bendix Drive is accessible via Faith Road (SR 1006) as well as Market Station Drive, but dead ends approximately 1,700 feet south of Market Station Drive. The extension of Bendix Drive would provide additional access to this commercial node from Exit 75 at Jake Alexander Boulevard (SR 1007), and open more direct east/west accessibility all the way to Bingle Ferry Road. This extension is anticipated to reduce congestion at Innes Street and Exit 76, as well as at congested intersections along Faith Road.

Other Information:

- Preliminary Engineer's Estimate: \$2,500,000
- No current local matching funds available.
- This extension is shown on the CRMPO's Comprehensive Transportation Plan
- Map is included
- Resolution of support included



**Bendix Drive extension
to Gold Hill Drive**

S MAIN ST

MORESVILLE
RD

S JAKE ALEXANDER BLVD

S LONG ST
ENNES ST

OLD CONCORD RD

BENDIX DR

MARKET STATION DR

GOLD HILL DR

ENNES ST

S JAKE ALEXANDER BLVD

NEWSOME RD

STOKES FERRY RD

BRINGLE FERRY RD

S I 85

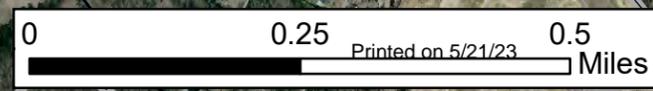
S I 85

N I 85

S I 85
N I 85

EXIT
75

EXIT
76



BENDIX DR EXTENSION ESTIMATE

LINE ITEM	SECTION NO.	ITEM DESCRIPTION	UNIT	QTY	UNIT BID PRICE	AMOUNT BID
1	800	MOBILIZATION	LUMP SUM	1	\$202,010.55	\$202,010.55
6		TRAFFIC CONTROL	LUMP SUM	1	\$67,336.85	\$67,336.85
5		UTILITY WORK	LUMP SUM	1	\$202,010.55	\$202,010.55
4		AS-BUILT SURVEY	LUMP SUM	1	\$5,000.00	\$5,000.00
3	801	CONSTRUCTION SURVEYING	LUMP SUM	1	\$50,000.00	\$50,000.00
2	226	COMPREHENSIVE GRADING	LUMP SUM	1	\$500,000.00	\$500,000.00
7	270	GEOTEXTILE FABRIC	SY	200	\$12.00	\$2,400.00
8	225	UNDERCUT EXCAVATION	CY	500	\$20.00	\$10,000.00
9	305	18" RCP	LF	1000	\$70.00	\$70,000.00
10	305	66" RCP	LF	80	\$1,000.00	\$80,000.00
11	840	CATCH BASIN	EA	12	\$3,500.00	\$42,000.00
12	840	MAN HOLE	EA	1	\$2,500.00	\$2,500.00
13	838	CONCRETE ENDWALL	EA	1	\$12,000.00	\$12,000.00
14	600	BITUMINOUS CONCRETE BASE COURSE, TYPE B25.0C	TN	780	\$150.00	\$117,000.00
15	600	BITUMINOUS CONCRETE SURFACE COURSE, TYPE S9.5B	TN	480	\$150.00	\$72,000.00
16	600	BITUMINOUS CONCRETE INTERMEDIATE COURSE I19.0C	TN	599	\$150.00	\$89,850.00
17	545	INCIDENTAL STONE BASE	TN	100	\$35.00	\$3,500.00
18	846	2'6" CURB AND GUTTER	LF	3376	\$35.00	\$118,160.00
19	848	4" CONCRETE SIDEWALK	SY	890	\$80.00	\$71,200.00
20	848	6" CONCRETE DRIVEWAY	SY	167	\$275.00	\$45,925.00
21	848	CONCRETE WHEELCHAIR RAMPS WITH DETECTABLE WARNING DOMES	EA	14	\$1,500.00	\$21,000.00
22	1605	SILT FENCE	LF	3200	\$2.50	\$8,000.00
23	1631	MATTING FOR EROSION CONTROL	SY	1000	\$2.00	\$2,000.00
24	SP-Q	CLASS A RIP-RAP OUTLET	EA	2	\$300.00	\$600.00
25	SP-R	CLASS B RIP-RAP OUTLET	EA	1	\$350.00	\$350.00
26	1660	SEEDING & MULCHING	ACRE	5.5	\$3,000.00	\$16,500.00
27	1205	4" YELLOW THERMOPLASTIC 120MIL	LF	3376	\$1.00	\$3,376.00
28	1205	4" WHITE THERMOPLASTIC 90 MIL	LF	3376	\$1.00	\$3,376.00

\$1,818,094.95
 ROW/Easements \$181,809.50
 25% Contingency \$454,523.74

TOTAL AMOUNT

\$ 2,454,428.18

A RESOLUTION ENDORSING THE EXTENSION OF BENDIX DRIVE FOR THE CABARRUS-ROWAN METROPOLITAN PLANNING ORGANIZATION REGIONAL PRIORITY LIST

WHEREAS, the North Carolina Board of Transportation (BOT), every two years, prepares a Statewide Transportation Improvement Program (STIP) that identifies transportation projects to be implemented over the next seven years with State and Federal funding; and

WHEREAS, the North Carolina BOT solicits input for identifying transportation projects of local and regional importance to be included in the next STIP; and

WHEREAS, the Cabarrus-Rowan Transportation Advisory Committee is charged with the development of a Metropolitan Transportation Improvement Program (MTIP); and

WHEREAS, the City of Salisbury is a member jurisdiction of the CRMPO; and

WHEREAS, the Cabarrus-Rowan MPO encourages the North Carolina Department of Transportation (NCDOT) to design all highway projects, where appropriate, to accommodate bicycle and pedestrian traffic that support alternative means of transportation; and

WHEREAS, the City of Salisbury has outlined its transportation and highway project priorities within the CRMPO planning area in the attached application to the MPO;

NOW, THEREFORE, BE IT RESOLVED by the City of Salisbury that the Board endorses the following new highway project to be evaluated on the list of projects that will ultimately be considered for the FY 2026-2035 CRMPO MTIP.

- 1 *Bendix Drive Extension: Extend Bendix Drive, located east of and adjacent to I-85, from it's end to the intersection of Gold Hill Drive near Old Concord Road. The extension is approximately 0.3 miles in length, and will consist of a 2-lane cross-section with curb & gutter, and sidewalk along the east side.*

This project will be submitted as a new highway project to be considered for inclusion in the next update of the CRMPO Metropolitan Transportation Plan (MTP) and MTIP as well as the 2026-2035 STIP.

Upon motion of Council Member Smith the foregoing Resolution was adopted this the 2nd day of May 2023.

I, Connie B. Snyder, Clerk to the City Council, **DO HEREBY CERTIFY** that the foregoing is a true copy of so much of the proceedings of said Council at a meeting held on May 2, 2023, as relates in any way to the adoption of the foregoing and that said proceedings are recorded in the minutes of said Council.

WITNESS my hand and the seal of said City, this the 3rd day of May 2023.



Connie B Snyder

 City Clerk

Cabarrus-Rowan MPO

Local Highway Priority List Project Request Form

Agency: City of Salisbury

Type of Project: Highway

Location: Old Mocksville Road (SR 1910) from Hawkinstown Road (SR 1914) to East Ridge Road (SR 1921)

Length and Scope: 1.9 miles roadway widening to NCDOT cross-section 2B

Right of Way: NCDOT has indicated there is no recorded right-of-way on this road; thus, NCDOT can claim what it currently maintains and ROW acquisition will be necessary for the length of the project

Summary of Need / Benefit of Project: Old Mocksville Road was one of the original county-owned roads that was transferred to the State Highway Commission back in the 1930's by the legislature. NCDOT records show that the road is 18-feet wide with four foot shoulders north of Hawkinstown Road, although site visits reveal most areas have significantly less shoulder. Latest traffic count data shows 5,000 vehicles per day (vpd) near Hawkinstown Road, with a reduction to about 1,600 vpd at East Ridge Road. This area along Hawkinstown Road is receiving multiple single – family home developments, anticipated to add approximately 3,500 vpd by 2025.

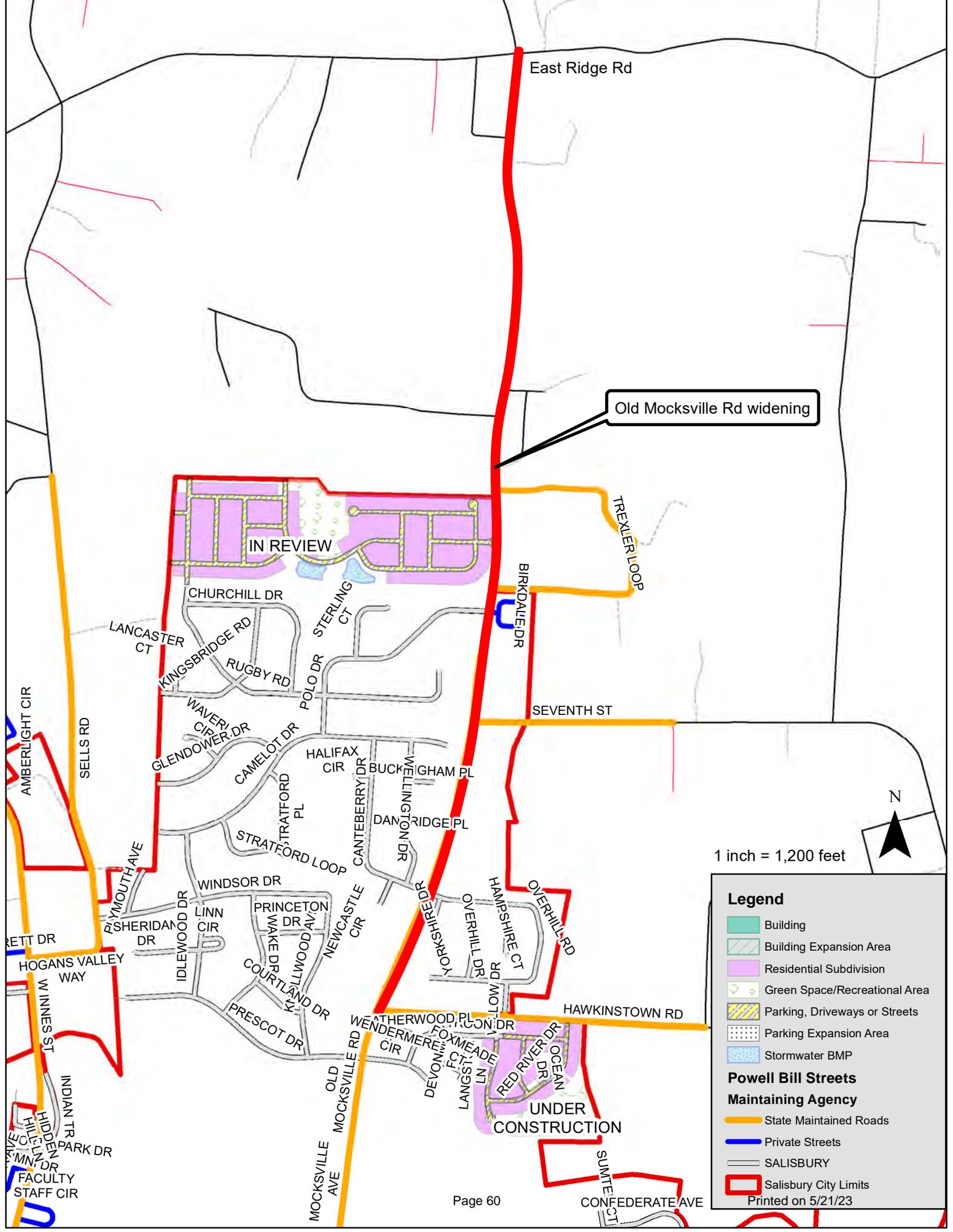
The Comprehensive Transportation Plan (CTP), as well as current traffic volumes, support the widening of Old Mocksville Road to NCDOT cross-section 2B, a two-lane undivided ribbon pavement roadway with 11-foot travel lanes, 4-foot paved shoulders and 8-foot total shoulders.

The narrow lane and shoulder widths make safety along this stretch of roadway a concern. Accident data over five years indicates a total of 28 accidents, consisting of no fatalities, 13 injury accidents and 15 property

damage accidents. Sideswipes and lane departures make up 86% of the total accidents. An accident summary is attached. Studies show that widening lanes and shoulders on an average section of rural, two-lane highway is anticipated to reduce run-off-road and opposite direction accidents by 16%.

Other Information:

- Preliminary Estimate: \$8,000,000 (\$6.4 million obtained through SPOT online plus \$1.6 million utility relocation and ROW)
- No current local matching funds available.
- This improvement is shown on the CRMPO's Comprehensive Transportation Plan
- Map is included, indicating new/proposed developments; accident summary is included
- Resolution of support included



Old Mocksville Rd widening

IN REVIEW

SEVENTH ST

UNDER CONSTRUCTION

1 inch = 1,200 feet



Legend

- Building
- Building Expansion Area
- Residential Subdivision
- Green Space/Recreational Area
- Parking, Driveways or Streets
- Parking Expansion Area
- Stormwater BMP

Powell Bill Streets

- State Maintained Roads
- Private Streets
- SALISBURY
- Salisbury City Limits

Printed on 5/21/23



NCDOT Prioritization 6.0 Detailed Cost Estimate

() P7 Costs will very Likely Increase (*)*

SPOT ID: H224014

Mode: Highway

SR-1910

From/Cross Street: SR 1912 (Hawkinstown Rd)

Specific Improvement Type: Modernize Roadway

To: SR 1915 (East Ridge Rd)

Project Category: Division Needs

Area Type: Urban

TIP #: n/a

Description: Modernize roadway by widening the existing narrow 9' travel lanes and narrow shoulders to 12' travel lanes.

Division(s): 9

County(s): Rowan

MPO(s)/RPO(s): Cabarrus-Rowan MPO

Project Length: 1.92 miles

Terrain Type: Rolling

Construction Cost

Roadway Cost

Project Total Number Lanes (both directions of travel): 2

Improved Roadway Width Per Direction: 12 ft.

Design Standard Lane Width: 12 ft.

Lane Width Increase: 4 ft.

Design Standard Paved Shoulder Width: 0 ft.

Shoulder Width Increase: 0 ft.

Estimated Cost Per Lane Mile:

\$455,000

Roadway Modernization Cost:

\$1,750,353

Initial Construction Cost:

\$1,750,353

Miscellaneous & Mobilization Costs for Roadway (55%):

\$962,694

Contract Cost:

\$2,713,047

Engineering & Construction (E&C, 15%):

\$406,957

Construction Cost:

\$3,120,004

Terrain Adjustment (Rolling, 15%):

\$468,001

Area Type Adjustment (Urban, 20%):

\$717,601

Total Construction Cost:

\$4,305,606

Cost Estimate Totals

Construction Cost:

\$4,306,000

Right-Of-Way Cost:

\$0

Utilities Cost:

Total Project Cost Estimate*:

\$4,306,000

() No New Shoulders*

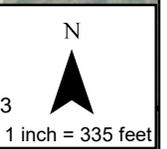
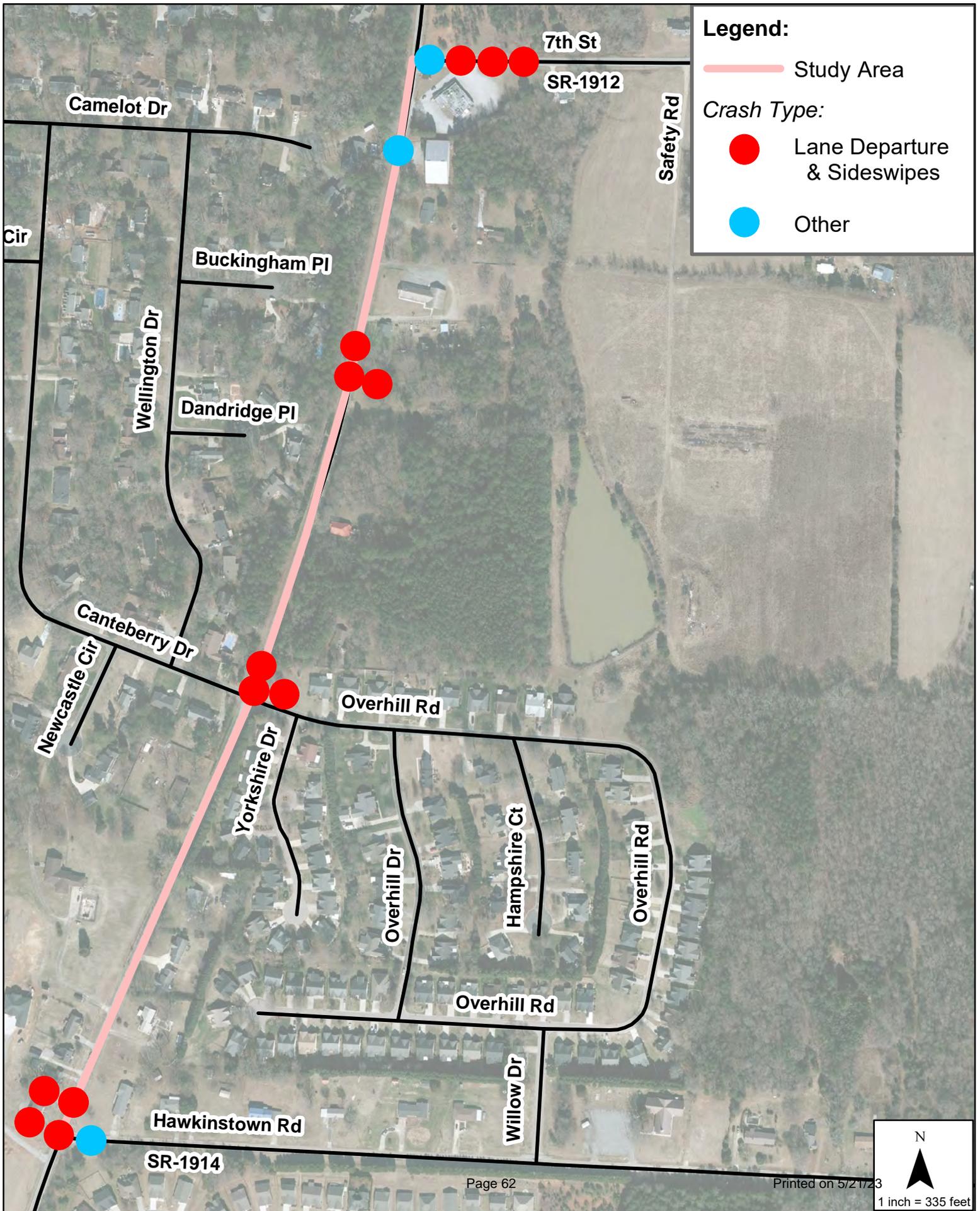
* Cost estimates generated by SPOT On!ine are high-level, order-of-magnitude estimates, intended to be used for planning and prioritization purposes only. Estimates are calculated from user inputs and GIS data.

with new 4' shoulders

\$6,398,809

() ESTIMATED COSTS DOES NOT INCLUDE ROW*

City of Salisbury Accident Summary Map:
 SR 1910 (Old Mocksville Rd) between SR 1912 (Hawkinstown Rd) and SR 1914 (7th St Ext)



A RESOLUTION ENDORSING THE WIDENING OF OLD MOCKSVILLE ROAD FOR THE CABARRUS-ROWAN METROPOLITAN PLANNING ORGANIZATION REGIONAL PRIORITY LIST

WHEREAS, the North Carolina Board of Transportation (BOT), every two years, prepares a Statewide Transportation Improvement Program (STIP) that identifies transportation projects to be implemented over the next seven years with State and Federal funding; and

WHEREAS, the North Carolina BOT solicits input for identifying transportation projects of local and regional importance to be included in the next STIP; and

WHEREAS, the Cabarrus-Rowan Transportation Advisory Committee is charged with the development of a Metropolitan Transportation Improvement Program (MTIP); and

WHEREAS, the City of Salisbury is a member jurisdiction of the CRMPO; and

WHEREAS, the Cabarrus-Rowan MPO encourages the North Carolina Department of Transportation (NCDOT) to design all highway projects, where appropriate, to accommodate bicycle and pedestrian traffic that support alternative means of transportation; and

WHEREAS, the City of Salisbury has outlined its transportation and highway project priorities within the CRMPO planning area in the attached application to the MPO;

NOW, THEREFORE, BE IT RESOLVED by the City of Salisbury that the Board endorses the following new highway project to be evaluated on the list of projects that will ultimately be considered for the FY 2026-2035 CRMPO MTIP.

- 1 *Widening of Old Mocksville Road (SR 1910) to NCDOT Cross-Section 2B, a two-lane undivided roadway with 11-foot travel lanes, 4-foot paved shoulders and 8-foot total shoulders. Project limits are from Hawkinstown Road to East Ridge Road, for a total of 1.9 miles.*

This project will be submitted as a new highway project to be considered for inclusion in the next update of the CRMPO Metropolitan Transportation Plan (MTP) and MTIP as well as the 2026-2035 STIP.

Upon motion of Council Member Smith the foregoing Resolution was adopted this the 2nd day of May 2023.

I, Connie B. Snyder, Clerk to the City Council, **DO HEREBY CERTIFY** that the foregoing is a true copy of so much of the proceedings of said Council at a meeting held on May 2, 2023, as relates in any way to the adoption of the foregoing and that said proceedings are recorded in the minutes of said Council.

WITNESS my hand and the seal of said City, this the 3rd day of May 2023.



Connie B Snyder

 City Clerk

Project D

Cabarrus-Rowan MPO

Local Highway Priority List Project Request Form

Agency: Town of China Grove

Type of Project: Highway

Location: I-85 at Exit 68

Length and Scope: Convert existing interchange to diverging diamond

Right of Way: No right-of-way acquisition is projected

Summary of Need / Benefit of Project: Recent Traffic Impact Analyses for pending industrial development and fulfillment centers project an exponential increase in truck and vehicle traffic. The engineered traffic projects show the exit 68 interchange needs significant improvements to maintain levels of service and prevent failures. The diverging diamond interchange will allow the continued function of the interchange.

Other Information:

Cost \$25,000,000

There are no local funds planned for this project.

Resolution of support and project map are attached.

Cabarrus-Rowan MPO

Local Highway Priority List Project Request Form

Agency: Town of China Grove

Type of Project: Highway

Location: Intersection of W NC 152 and Miller RD

Length and Scope: New round-about

Right of Way: Yes, some acquisitions will be required

Summary of Need / Benefit of Project: A single lane roundabout is needed to ensure the safe and efficient flow of traffic through the NC 152 and Miller RD intersection. The roundabout will also act to calm traffic as vehicles enter the town.

Other Information:

Cost \$2,250,000

There are no local funds planned for this project.

Resolution of support and project map are attached.

TOWN MANAGER
Ken Deal

TOWN CLERK
Pamela Mills

TOWN ATTORNEY
Tom Brooke



MAYOR
Charles Seaford

TOWN COUNCIL
Don Bringle
Arthur Heggins
Rodney Phillips
Cheryl Sheets
Steve Stroud

TOWN OF CHINA GROVE

A RESOLUTION ENDORSING A NEW PROJECTS FOR THE CABARRUS-ROWAN METROPOLITAN PLANNING ORGANIZATION REGIONAL PRIORITY LIST

WHEREAS, the North Carolina Board of Transportation (BOT), every two years, prepares a Statewide Transportation Improvement Program (STIP) that identifies transportation projects to be implemented over the next seven years with State and Federal funding; and

WHEREAS, the North Carolina BOT solicits input for identifying transportation projects of local and regional importance to be included in the next STIP; and

WHEREAS, the Cabarrus-Rowan Transportation Advisory Committee is charged with the development of a Metropolitan Transportation Improvement Program (MTIP); and

WHEREAS, The Town of China Grove is a member jurisdiction of the CRMPO; and

WHEREAS, the Cabarrus-Rowan MPO encourages the North Carolina Department of Transportation (NCDOT) to design all highway projects, where appropriate, to accommodate bicycle and pedestrian traffic that support alternative means of transportation; and

WHEREAS, The Town of China Grove has outlined its transportation and highway project priorities within the CRMPO planning area in the attached application to the MPO;

NOW, THEREFORE, BE IT RESOLVED by the Town of China Grove that the Town Council endorses the following new highway projects to be evaluated on the list of projects that will ultimately be considered for the FY 2026-2035 CRMPO MTIP.

- 1. US Highway 29 Urban Cross-section Conversion: Add safety lighting, pedestrian safety elements, and median improvements*
- 2. Round-a-about at Miller RD and NC 152 HWY intersection*
- 3. Interstate 85 Interchange update*
- 4. Continued support for NC 152 HWY bypass*

These projects will be submitted to be considered for inclusion in the next update of the CRMPO Metropolitan Transportation Plan (MTP) and MTIP as well as the 2026-2035 STIP.

Upon motion of Council Member Stroud, seconded by Council Member Bringle, the foregoing resolution was adopted this the 4th day of April, 2023.

I, Pamela Mills, Clerk to the Town Council, **DO HEREBY CERTIFY** that the foregoing is a true copy of so much of the proceedings of said Council at a meeting held on April 4th, 2023, as relates in any way to the adoption of the foregoing and that said proceedings are recorded in the minutes of said Council.

WITNESS my hand and the seal of said Town, this 4th day of April, 2023.

Pamela Mills
Pamela Mills, CMC Town Clerk



Cabarrus-Rowan MPO
Transportation Update
May 18, 2023

TIP / WBS No.	Description	Let Date	Completion Date	Status	Construction Cost	Contractor	Project Administrator	Comments
PROJECTS UNDER CONSTRUCTION								
B-4626 38443.3.3 (C204446)	Replace Bridge #3 (EBL), and apply Bridge Preservation Treatment to Bridge #8 (WBL), over Yadkin River/W-S SB RR on NC 49 in Rowan County	February 1, 2022	January 28, 2025	25% Complete	\$41,332,703	Smith-Rowe	Jeb Smith, PE (704) 630-3220	Smith-Rowe will work on NC-49 from 7am-5:30pm Monday-Friday. No weekend work is anticipated at this time. Smith-Rowe started sawcut/demo EBL bridge on 9/19/2022. The project is anticipated to be completed by January 2025.
B-5772 45728.3.1	Replace Bridge #66 over Norfolk Southern RR on SR 1724 (Hurley School Rd) in Rowan County	October 1, 2022	November 11, 2024	3% Complete	\$2,880,727	Smith-Rowe	Kelly Seitz, P.E. (704) 630-3200	Right of Way delay settle and deed recorded April 14, 2023. Contract plans to remobilize Mid June 2023.
HE-0009A	NC 152 Improvements with Proposed Access Road East of I-85/US 601 in China Grove. Intermediate intersection improvements. Widen pavement and construct turn lanes for phase I of roadway improvements.	November 7, 2022	TBD	25% Complete	\$1,000,000	State Forces	Mike Hedrick, PE (704) 630-3240	Economic Development project. Construction started on November 7, 2022.
U-5738 50163.3.1 (C204426)	Widen to multiple lanes on SR 2528 (Julian Rd) from US 601 (Jake Alexander Blvd) to SR 2667 (Summit Park Dr) in Salisbury	March 28, 2022	January 28, 2025	29% Complete	\$13,039,376	J. T. Russell and Sons	Jeb Smith, PE (704) 630-3220	Contractor is currently working in Phase 1 with bridge, drainage, and grading activities. Anticipated traffic shift Fall of 2023.
R-5789H (DI00303)	ADA Ramps, Curb and Gutter, Sidewalk Construction on various routes in Davidson, Davie, Forsyth, Rowan, and Stokes.	October 31, 2022	TBA	25% Complete	\$964,376	Carolina Group Properties LLC	Kelly Seitz, P.E. (704) 630-3200	Contractor currently working on WCRs in Davidson County.
HL-0005	Various, City of Salisbury Signal System Upgrade.	September 30, 2022	Fall 2023	9% Complete	\$282,000	ALS of NC	Wendy Brindle (704) 638-5201	Installation of cameras underway.
2023CPT.09.07.10801 2023CPT.09.08.20801 (C204811)	Milling, resurfacing, and shoulder reconstruction on 1 section of US-70, US-29, and NC-150, and 5 sections of secondary roads.	March 15, 2023	September 15, 2024	0% Complete	\$4,651,490	J. T. Russell and Sons	Kelly Seitz, P.E. (704) 630-3200	No work planned on the project until late September 2023. A preconstruction meeting will be held February 23.
17BP.9.R.80	Replace Bridge #155 over Second Creek on SR 2136 (Agner Rd) in Rowan County	February 15, 2023	TBA	35% Complete	\$792,315	Kemp Sigmon Construction Co.	Kelly Seitz, P.E. (704) 630-3200	Project ahead of schedule.
HS-2009E	Pavement Grinding and Markings on SR 1002 (Old Concord Road) from Cabarrus County Line (Milepost 28.57) to Jake Alexander Boulevard (Milepost 17.63) in Salisbury	March 27, 2023	TBA	0% Complete	\$188,317	TRP Construction Group, LLC	Kelly Seitz, P.E. (704) 630-3200	Anticipated start date July 2023.
PROJECTS UNDER DEVELOPMENT								
HE-0009	NC 152 Improvements with Proposed Access Road East of I-85/US 601 in China Grove	October 25, 2023	TBD	ROW Acquisition in progress	\$3,900,000	TBD	Ryan Newcomb, PE (336) 747-7800	Economic Development project. PE work has started. 25% plans are complete. Hydro approved. 65% plans are complete. The developer is responsible for ROW acquisition and utility relocations. Final plans are complete pending ROW acquisition and utility relocations.
HS-2009D	Extend concrete median and install U-turn bulb out on Jake Alexander Blvd east of Morlan Park Rd in Salisbury	May 24, 2023	TBA	ROW Complete	\$350,000	TBA	Matt Jones, PE (336) 747-7800	Spot Safety project. - Preparing plans for May Let
P-5726 47604.3.1 (C204343)	NS Main - Construct Track Improvements, Second Platform, Pedestrian Underpass, Sitework, Retaining Wall, and Signalling Equipment	July 16, 2024	TBA	ROW Acquisition in progress	\$10,800,000	TBA	Sam Coleman, PE (919) 707-4158	Raleigh Let - Pending execution of rail agreement.
P-5726A	Salisbury train station second platform and pedestrian underpass.	January 1, 2024	TBA	ROW Acquisition in progress	\$2,500,000	TBA	Sam Coleman, PE (919) 707-4158	Raleigh Let - Pending execution of rail agreement.
P-5726B	Salisbury Norfolk Southern crossover relocation.	June 30, 2023	TBA	ROW Acquisition in progress	\$4,000,000	TBA	Sam Coleman, PE (919) 707-4158	Raleigh Let - Pending execution of rail agreement.
P-5733 47612.3.1	NS Main - Rowan County - Upgrade Station Building, expand waiting space and surface parking	July 15, 2025	TBA	ROW Acquisition 2025	\$2,370,000	TBA	Sam Coleman, PE (919) 707-4158	*The PE work for this project has been temporarily suspended.*

Cabarrus-Rowan MPO
Transportation Update
May 18, 2023

TIP / WBS No.	Description	Let Date	Completion Date	Status	Construction Cost	Contractor	Project Administrator	Comments
PROJECTS UNDER DEVELOPMENT								
R-5860 47548.3.1	Widen to multilanes - US 52 Rowan County Proposed Misenheimer Bypass to Proposed Rockwell Bypass (4.6 miles)	January 1, 2040	TBA	ROW Acquisition 2027	\$39,321,000	TBA	Alexander Foster (919) 707-6239	DDRL *The PE work for this project has been temporarily suspended.*
U-5901 44705.3.1	Airport Parkway –Construct 2-lane roadway on Multilane right of way in new location from SR 1710 (Harrison Rd) near US 70/601 (Jake Alexander Blvd) to SR 2539 (Peach Orchard Rd) at US 29 in Salisbury	2030	TBA	ROW Acquisition 2027	\$39,502,000	TBA	Ryan Newcomb, PE (336) 747-7800	DDRL - Raleigh Let. Express design update in progress to update project estimate. Project is now on the PE Move Forward List. NTP for PE work issued 1/17/23. Project website updates are complete. Start of study letters have been sent.
U-6062 47486.3.1	Upgrade SR 2739 (N. Main St and S. Main St) to incorporate Bicycle Lanes and Sidewalks, from SR 2000 (Jackson Park Rd/N. Loop Rd) in Kannapolis to SR 1211 (Kimball Rd) in China Grove	2031	TBA	ROW Acquisition 2028	\$28,400,000	TBA	Ryan Newcomb, PE (336) 747-7800	DDRL - *The PE work for this project has been temporarily suspended.* Express design update in progress to revise project estimate.
U-6130 48321.3.1	Construct ramp and intersection improvements on US 29 at NC 152 in China Grove	Funded for Preliminary Engineering Only	Funded for Preliminary Engineering Only	Funded for Preliminary Engineering Only	\$2,000,000	Funded for Preliminary Engineering Only	Ryan Newcomb, PE (336) 747-7800	Division POC (DPOC) *The PE work for this project has been temporarily suspended.* Express design update in progress to revise project estimate.
W-5709E 44855.3.5	Construct Roundabout and other safety improvements at Intersection NC 153 (Rice Street) and SR 1197 (Cannon Farm Rd) in China Grove	August 28, 2024	TBA	ROW Acquisition in progress	\$700,000	TBA	Matt Jones, PE (336) 747-7800	Division POC Let (DPOC) - Project is progressing with design and right of way acquisition. Right of way acquisitions are underway, working to acquire all parcels required for utility relocations.
Y-5500IA 80000.2.1.12	SR 1526 (Henderson Grove Church Rd) RR Crossing #724 362M Closure	September 27, 2023	TBA	ROW Acquisition in progress	\$2,950,000	TBA	Kumar Trivedi (919) 707-4109	Division POC Let (DPOC) - R/W Plans Complete (RPC)(09/02/2021)
STATE FORCES CONSTRUCTED PROJECTS								
48921	Construct right turn lane on SR 1210 (Old Beatty Ford Rd) at US 29.	July 26, 2023 (Date will be delayed due to ROW - see comments)	TBA	ROW Acquisition in progress	\$361,000	State Forces	Matt Jones, PE (336) 747-7800	High Impact Low Cost (HILC) project - Let date is dependent upon right of way acquisition but hopeful a settlement can be reached with owner. An Appraisal has been requested due to the owners counteroffer being unreasonable. The claim will likely end in condemnation so the let date will be adjusted once we have a timeframe on the appraisals.
SM-5709G	Construct left turn lane on NC 152 at US 29 in China Grove	May 31, 2023	TBA	ROW Acquired but working on sign relocation	\$290,000	State Forces	Matt Jones, PE (336) 747-7800	ROW is currently working with gas station owner to relocate their sign out of the right of way. Issue arose with the current sign being out of conformance so they are having to work on a different plan. Department is awaiting the relocation of the gas station sign to begin work.
DIVISION BRIDGE PROJECTS UNDER DEVELOPMENT								
15BPR.74	Bridge Rehabilitation - Bridge #137 and #465 on I-85 over Yadkin River	April 15, 2025	TBA	TBA	\$4,200,000	TBA	Daniel Dagenhart (336) 747-7800	In development
15BPR.115	Bridge Rehabilitation - Bridge #790137 and #790465 on I-85 over Yadkin River	4/15/2025	TBA	TBA	\$4,200,000	TBA	Daniel Dagenhart (336) 747-7801	In development
17BP.9.R.76	Replace Bridge #81 over Deals Creek on SR 1926 (Hannah's Ferry Rd) in Rowan County	August 30, 2023	TBA	ROW Acquisition in progress	\$750,000	TBA	Daniel Dagenhart (336) 747-7800	Final Plans recieved - FERC permit acquired. We have ran into issues with State properties and multiple State agencies affecting the ROW.
17BP.9.R.85	Replace Bridge #198 and Bridge #199 over Crane Creek on SR 2529 (St. Paul Church Rd) in Rowan County	October 25, 2023	TBA	ROW Acquisition in progress	\$1,200,000	TBA	Daniel Dagenhart (336) 747-7800	Planning and Design underway.
17BP.9.R.86	Replace Bridge #205 over Grant's Creek on SR 1516 (Airport Rd) in Rowan County	May 29, 2024	TBA	ROW Acquisition in progress	\$1,000,000	TBA	Daniel Dagenhart (336) 747-7800	Project is on schedule.
17BP.9.R.96	Replace Bridge #254 over Kerr Creek on SR 1547 (Caldwell Rd) in Rowan County	February 11, 2026	TBA	ROW Acquisition in progress	\$900,000	TBA	Daniel Dagenhart (336) 747-7800	Planning and Design underway.
BP9-R004 BP9-R004.3 (formerly 17BP.9.R.78)	Replace Bridge #235 over Unnamed Creek on SR 1322 (Ebenezer Rd) in Rowan County	November 13, 2024	TBA	ROW Acquisition in progress	\$750,000	TBA	Daniel Dagenhart (336) 747-7800	Planning and Design underway.

Cabarrus-Rowan MPO
Transportation Update
May 18, 2023

TIP / WBS No.	Description	Let Date	Completion Date	Status	Construction Cost	Contractor	Project Administrator	Comments
DIVISION BRIDGE PROJECTS UNDER DEVELOPMENT								
BP9-R012 BP9-R012.3 (formerly 17BP.9.R.105)	Replace Bridge #108 over Tuckertown Reservoir on SR 1004 (Stokes Ferry Rd) in Rowan County	August 27, 2025	TBA	ROW Acquisition Nov. 23, 2023	\$1,500,000	TBA	Daniel Dagenhart (336) 747-7800	Planning and Design underway.
LOCALLY ADMINISTERED PROJECTS								
BL-0034	US 601 from north of Kelsey Scott Park Greenway to end of Salisbury Mall project in Salisbury. Construct sidewalk connections to Salisbury Greenway/Carolina Thread Trail.	June 30, 2025	TBA	ROW Acquisition June 28, 2024	\$845,040	TBA	Wendy Brindle (704) 638-5201	Non-DOT let (LAP) - City of Salisbury - PEF has been chosen and OIG reviewing.
C-5603D 43713.3.4	Construct sidewalks on Old Concord Rd from Ryan St to Jake Alexander Blvd	September 1, 2023	TBA	ROW Acquisition in progress	\$414,000	TBA	Wendy Brindle (704) 638-5201	Non-DOT let (LAP) - City of Salisbury - in design. The City has received ROW phase authorization
C-5603H 43713.3.8	Brenner Ave from Statesville Blvd. to W Horah St and Brenner Ave. at Link Ave. in Salisbury	September 1, 2023	TBA	ROW Acquisition in progress	\$643,000	TBA	Wendy Brindle (704) 638-5201	Non-DOT let (LAP) - City of Salisbury - in design. The City has received ROW phase authorization
EB-5619B 56033.3.3	Grants Creek Greenway - Construct Multi-use trail from Kelsey Scott Park to Forestdale Dr in Salisbury	September 29, 2024	TBA	ROW Acquisition in progress	\$1,439,000	TBA	Wendy Brindle (704) 638-5201	NON-DOT let (LAP)
EB-5861	Third Street Greenway from 3rd Street to Yadkin River in Spencer. Construct alternate route, including spur from Grants Creek	September 30, 2024	TBA	TBA	TBA	TBA	Joel Taylor (704) 633-5331	Non-DOT let (LAP)
HL-0049	US 70 / US 601 (Jake Alexander Blvd) to Milford Hills Rd in Salisbury. Construct Median; Construct roundabout at Milford Hills Rd.	September 30, 2024	TBA	ROW Acquisition Sept. 1, 2023	\$830,000	TBA	Wendy Brindle (704) 638-5201	Non-DOT let (LAP)
COMPLETED PROJECTS								
17BP.9.R.82	Replace Bridge #248 over Prong of Grant's Creek on SR 1211 (Kimball Rd) in Rowan County	June 15, 2022	March 21, 2023	100% Complete	\$957,369	Mountain Creek Contractors, Inc.	Kelly Seitz, P.E. (704) 630-3200	Project complete and road open. Currently in vegetation phase.

TIP/WBS No#	DESCRIPTION	LET DATE	COMPLETION DATE	STATUS	CONSTRUCTION COST	CONTRACTOR	PROJECT ADMINISTRATOR	COMMENTS
R A I L R O A D	RAILROAD PROJECTS							
	PROJECTS UNDER DEVELOPMENT							
	Y-4810K	Rogers Lake Road Grade Separation over NA/NCRR Railroad and closure at Grade Crossing N.724408Y in Kannapolis	November 2022	December 2026		12.45 M	NJR Group, Inc.	NCDOT Kumar Trivedi 919-707-4109
P-5725	Kannapolis Train Station Second Platform and Pedestrian Overpass	July 2023	TBD		10.1 M	TBD	NCDOT Brad Smythe 919-707-4118	Utility Relocations being performed. Pending Railroad Construction Agreement Completion.
I 8 5	I-85 PROJECT							
	PROJECTS UNDER DEVELOPMENT							
I-3802AA	I-85 Installation of Fiber Optic Communications Network, CCTV and DMS System for I-3802A project	February 2023	October 2024 - January 2025	Awarded	2.1 M	Traffic Control Devices	NCDOT Lee Neal 919-814-4965	Floating Date of Availibility from June 5, 2023 and Septmeber 5, 2023. Allotted 510 Days to complete construction.
U R B A N P R O	URBAN PROJECTS							
	ACTIVE CONSTRUCTION PROJECTS							
	U-3440	NC 3 Kannapolis. U-2009 (Westside Bypass)-TO-SR 1691 (Loop Road). Widen existing route to multi-lane facility	November 2016	June 2023	94% Complete	34.1 M	JT Russell	NCDOT Jon Hinson 980-523-0085
PROJECTS UNDER DEVELOPMENT								
U-5761	NC 3 (Dale Earnhardt Blvd.) Kannapolis Improve Intersection of NC 3 and US 29/601	R/W-2022 LET 2024	2027 PROJECTED	90% Plans R/W 60%	10.9 M	RS&H	NCDOT Donald Griffith 704-983-4418	ROW Acquisition in progress.
U-6032	Mallard Creek Road (SR-2467)/ Derita Rd (SR-1445) from I-485 to Concord Mills Blvd. Widen to 6 lanes	R/W-2022 LET 2025	2027 PROJECTED	75% Plans Page 71	25 M	KCI	NCDOT Donald Griffith 704-983-4418	ACTIVE PROJECT. Currently in Design. PE work continuing. ROW Acquisition in progress.

TIP/WBS No#	DESCRIPTION	LET DATE	COMPLETION DATE	STATUS	CONSTRUCTION COST	CONTRACTOR	PROJECT ADMINISTRATOR	COMMENTS
J E C T S U-5956	US 29 Concord. Realign Union Cemetery Road to Intersect US 29 at Rock Hill Church Road	R/W-2022 LET 2025	2027 PROJECTED	75% Plans	8.1 M	Kimley-Horn	NCDOT Randy Bowers 704-983-4400	ROW Acquisition in progress.
U-3415A	SR 1394 Poplar Tent Rd. Concord Derita Road to George Liles Pkwy. Widen to 4 lane divided	R/W-2024 LET-2027	2029 PROJECTED	15 % Plans	20.5 M	TBD	NCDOT Travis Preslar 704-983-4400	PROJECT IS REACTIVATED and moving forward. Working toward 25% plans.
U-6029	SR 1394 Poplar Tent Rd. Concord Derita Road to NC 73. Widen to 4 lanes						NCDOT Sean Epperson 704-983-4400	PROJECT NOT FUNDED

CONGESTION PROJECTS

HIGHWAY SAFETY PROJECTS

ACTIVE CONSTRUCTION PROJECTS

S A F	W-5601HQ 47858	NC 3 Concord and Odell School Road Install a Roundabout	June 2022	November 2022	99% Complete	1.24 M	NJR Group	NCDOT Michael Mariano 704-983-4380	Construction 99% complete. The facility was opened to traffic on 10/29/22. Currently in final closeout. Waiting on snowplowable markers.
W-5710C	SR 2180 (Lane St. & Jackson Park Road) Kannapolis US Main Street to West of I-85 ramp in Kannapolis. Road Diet	September 2021	August 2022 (Awaiting Signal)	84% Complete	2.69 M	NJR Group	NCDOT Michael Mariano 704-983-4380	Project complete with exception of new signal at Ruth Ave. and some pavement markings. Due to material shortages, signal will not be active until early Spring 2023.	
47866/ SS-4910CK	Poplar Tent Rd. at Rock Hill Church Road & Eva Drive Concord Intersection improvements	March 2023	TBD		1.1 M	NJR Group	NCDOT Donald Harward 704-983-4400	Project Approved to move forward. High Impact/Low Cost. Project has been awarded.	

PROJECTS UNDER DEVELOPMENT

E T	W-5710AO	Salisbury-Concord Road/ Old Concord Rd. Kannapolis to Irish Potato Road. Install Roundabout	October 2023	TBD	75% ROW Page 72	1.15 M	TBD	NCDOT Donald Harward 704-983-4400	Project Approved to move forward. Utility relocation in progress.
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TIP/WBS No#	DESCRIPTION	LET DATE	COMPLETION DATE	STATUS	CONSTRUCTION COST	CONTRACTOR	PROJECT ADMINISTRATOR	COMMENTS
HS-2010D	NC 24/27 and Bethel School Road Half RCI	Summer 2024	TBD		392 K	TBD	NCDOT Donald Harward 704-983-4400	Project Currently in ROW Acquisition.
HS-2010F	NC 24/27 and Pine Bluff/Reed Mine Road RCI	February 2025	TBD		750 K	TBD	NCDOT Donald Harward 704-983-4400	Project Currently in Design.
HS-2010H	NC 49 and Zion Church Road RCI	May 2025	TBD		1.95 M	TBD	NCDOT Donald Harward 704-983-4400	Project Currently in Survey.

BRIDGE PROJECTS

ACTIVE CONSTRUCTION PROJECTS

B R I D	B-5810	Bridge 120022 /NC24-27. Locust, NC. Replace bridge over Rocky River	August 2022	July 2024	18% Complete	6.1 M	Dane Construction	NCDOT Michael Mariano 704-983-4380	East bound traffic has been shifted to the west bound side. Demolition of old bridge is underway. Completion will be Spring of 2024.
	B-5375	Bridge120 137 / SR 1132 (Miami Church Road) Mt. Pleasant over Dutch Buffalo Creek	July 2022	May 2023	25% Complete	1.2 M	NJR Group	NCDOT Michael Mariano 704-983-4380	Road closed and construction began in December 2022. Progressing on time. Completion date is May 2023.
	B-5813	Bridge 120132 / NC 73 over Dutch Buffalo Creek	January 2022	August 2023	35 % Complete	4.3 M	NJR Group	NCDOT Michael Mariano 704-983-4380	Construction began in March 2022. Work was delayed due to lack of available ductile iron pipe. Construction is progressing.
	17BP.10.R.144	Bridge 120053 / SR 2114 (Centergrove Road) Kannapolis over Cold Water Creek	April 2021	April 2022	99% Complete	1.7 M	Dane Construction	NCDOT Jon Hinson 704-983-4380	Project is complete and open to traffic. Preparing final estimate/closeouts.

PROJECTS UNDER DEVELOPMENT

G	B-5808	Bridge 120057 & 120059 (US 29/601) over Irish Dutch Buffalo Creek near Poplar Tent Road	April 2023	May 2025	Page 73	5.1 M	TBD	NCDOT Garland Haywood 704-983-4400	Currently Developing ROW Plans for use in acquiring construction limits and relocating existing utility conflicts.
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Cabarrus-Rowan MPO
Division 10 Transportation Update
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TIP/WBS No#	DESCRIPTION	LET DATE	COMPLETION DATE	STATUS	CONSTRUCTION COST	CONTRACTOR	PROJECT ADMINISTRATOR	COMMENTS	
E	B-5372	Bridge 120109 / SR 1706 Kannapolis Bridge on (East First Street) over US 29	FALL 2023	May 2024		5.8 M	TBD	NCDOT Garland Haywood 704-983-4400	Currently in Design & ROW Acquisition is in progress.
	BP10.C002	Pipe 120247 St. Stephens Road / Mt. Pleasant Replace Pipes over Butcher Branch	Fall 2023	Spring 2024		600 K	TBD	NCDOT Garland Haywood 704-983-4400	ROW acquisition complete. Currently relocating utilities. LET September 2023.
P	17BP.10.R.110	Bridge 120105 / E. Gold Hill Road Mt. Pleasant Replace bridge over branch of Big Bear Creek	Spring 2024	Spring 2025		895 K	TBD	NCDOT Garland Haywood 704-983-4400	Project Currently in Design.
	BP10.R010	Bridge 120245 / SR 1309 (Stough Road) over Wolf Meadow Creek	Spring 2024	Spring 2026		2.5 M	TBD	NCDOT Garland Haywood 704-983-4400	Project Currently in Design. Availability date estimated March 2025 due to: Dutcile Iron Material shortages w/ pipe.
	BP10.R015	Bridge 120129 / SR 2635. (Old Airport Road) Concord over Cold Water Creek	Spring 2024	Winter 2025		1.3 M	TBD	NCDOT Garland Haywood 704-983-4400	Project Currently in Design. Availability date estimated March 2025 due to: Dutcile Iron Material shortages w/ pipe.
R	BP10.R034	Bridge 120073 / SR 2416 (Mt Olive Road) Mt. Pleasant over Branch of Dutch Buffalo Creek	Fall 2024	Fall 2025		750 K	TBD	NCDOT Garland Haywood 704-983-4400	Project Currently in Design.
O	BP10.C010	Bridge 120301 / SR 2608 (Hahn Road) over Little Bear Creek	Fall 2024	Spring 2025		\$800K	TBD	NCDOT Garland Haywood 704-983-4400	Project Currently in Design.
	BP10.R047	Bridge 120083 / SR 2408 (Gold Hill Road) over Dutch Buffalo Creek	Spring 2025	Winter 2025		900 K	TBD	NCDOT Garland Haywood 704-983-4400	Project Currently in Design.
J	BP10.R055	Bridge 120292 / Mauney Road Mt. Pleasant Replace bridge over Little Meadow Creek	Fall 2025	Spring 2026		750 K	TBD	NCDOT Garland Haywood 704-983-4400	Project Currently in Design.
E	BP10.C003	Bridge 120050 / SR 2113 (Penninger Road) over Br. Of Cold Water Creek	Fall 2027	Fall 2028	Page 74	\$870K	TBD	NCDOT Garland Haywood 704-983-4400	Project Currently in Design.

TIP/WBS No#	DESCRIPTION	LET DATE	COMPLETION DATE	STATUS	CONSTRUCTION COST	CONTRACTOR	PROJECT ADMINISTRATOR	COMMENTS	
S	BP10.R019	Bridge 120173 / SR 1169 (Peach Orchard Road) Harrisburg over McKee Creek	LET Date beyond 2026. Currently not established	TBD		500 K	TBD	NCDOT Garland Haywood 704-983-4400	Plan Development will proceed when LET has been scheduled and confirmed.
	BP10.C001	Bridge 120219 / SR 2710 (Walker Road) Concord over Adams Creek	LET Date beyond 2026. Currently not established	TBD		450 K	TBD	NCDOT Garland Haywood 704-983-4400	Plan Development will proceed when LET has been scheduled and confirmed.
	BP10.R031	Bridge 210 / SR 1006 (Mt Pleasant Road) Mt. Pleasant over Bost Creek	LET Date beyond 2026. Currently not established	TBD		550 K	TBD	NCDOT Garland Haywood 704-983-4400	Plan Development will proceed when LET has been scheduled and confirmed.

MUNICIPAL PROJECTS									
ACTIVE CONSTRUCTION PROJECTS									
M U N I C I P A L	U-6098/47706	(PHASE II) Cabarrus County -Various; Left turn lane at NC 73 and SR 1430 // Turn lanes at access rd. NC 73 // RAB SR 1620 & SR 1621 // Extend storage I-85 ramps	Spring 2023	Spring 2024	30% Complete*	2.7 M	TBD	City of Kannapolis NCDOT Marc Morgan 704-983-4400	Phase I is completed. *A small section of Phase II was completed during the construction of Phase I. Phase II was advertised with a bid opening date slated for May 30, 2023. Anticipated completion Date: June 2024.
	PROJECTS UNDER DEVELOPMENT								
	SS-6010AP	NC 3 Branchview Drive and Cabarrus Avenue Crosswalk and Traffic Signal Upgrades	January 2023	March 2023		24 K	Watson Electrical Construction ON CALL	City of Concord NCDOT Zach Gardener 704-983-4400	(CON phase only) Agreement executed 8/16/22. Concord working with contractor to get schedule.
BL-0043	N Washington St (NC 73 to Park Drive) Sidewalk, C&G, widening, sharrows	May 2024	TBD		524 K	TBD	Mt Pleasant NCDOT Jeff Burleson 704-983-4400	Agreement executed 11/10/22. PEF selection starting soon.	
C-5603I	US 601 From Flowe Store Road to Zion Road with US 601 and Flowe Store Road. Sidewalk and intersection improvements	May 2024	TBD	60% Plans	1.5 M	TBD	Concord NCDOT Jeff Burleson 704-983-4400	ROW Plans (60%) approved on 5/13/22. ROW Authorization proposed 8/1/23	

TIP/WBS No#	DESCRIPTION	LET DATE	COMPLETION DATE	STATUS	CONSTRUCTION COST	CONTRACTOR	PROJECT ADMINISTRATOR	COMMENTS	
P R O J E C T S	EB-5732	SR 2894 (Concord Mills Blvd.) Construct Sidewalks on Concord Mills Blvd. and portions of Weddington Road from US 29 to SR 1431	R/W 2024 LET 2025	2026	25 % Plans	6 M	HNTB	NCDOT Sean Epperson 704-983-4400	PROJECT IS REACTIVATED and moving forward. Working toward 65% plans.
	C-5603F	Bethpage Road From South Main Street to Leonard Avenue and from Westgreen Drive to Klondale Avenue sidewalk	February 2024	TBD	60% Plans	208 K	TBD	Kannapolis NCDOT Jeff Burleson 704-983-4400	Waiting on revised ROW plan submittal and CE.
	EB-5844	Little Texas Road Lane Street to Dale Earnhardt Blvd sidewalk	September 2024	TBD		2.1 M	TBD	Kannapolis NCDOT Jeff Burleson 704-983-4400	ROW plans due 6/1/23.
	HL-0062	NC 49 from Morehead Rd to Cedar Dr-Access Management Improvement	March 2025	TBD		6.5 M	TBD	Harrisburg NCDOT Jeff Burleson 704-983-4401	Agreement application posted 1/10/23.
	HL-0063	Caldwell Rd from US 29 to NC 49-Intersection Improvement and Roadway Extension	March 2025	TBD		4.2 M	TBD	Harrisburg NCDOT Jeff Burleson 704-983-4402	Agreement application posted 1/10/23.
	HL-0001	Poplar Tent Road Improvements (Moss Drive to Fullerton PI Drive)	April 2025	TBD		3.9 M	TBD	Concord NCDOT Jeff Burleson 704-983-4400	(PE, ROW, CON) PE funds approved 8/17/22. PEF selection approved 12/9/22.
	BL-0060	Cox Mill Road Loop Greenway & Bicycle/Ped bridge	August 2025	TBD		1.9 M	TBD	Mt Pleasant NCDOT Jeff Burleson 704-983-4400	CON PHASE ONLY Agreement executed 1/20/23.

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

VARIOUS PROJECTS							
ACTIVE CONSTRUCTION PROJECTS							

Cabarrus-Rowan MPO
Division 10 Transportation Update
5/10/2023

TIP/WBS No#	DESCRIPTION	LET DATE	COMPLETION DATE	STATUS	CONSTRUCTION COST	CONTRACTOR	PROJECT ADMINISTRATOR	COMMENTS	
V A	2023CPT.10.1 5.20131 - Contract DJ00453	VARIOUS LOCATIONS - 9 sections of secondary roads	March 2023	November 2024	0% Complete	2.4 M	NJR Group, Inc.	NCDOT Marc Morgan 704-983-4380	Anticipate work to begin Summer 2024
	2023CPT.10.1 6.20132 Contract DJ00454	VARIOUS LOCATIONS - Sections of 10 secondary roads	March 2023	June 2024	0% Complete	416 K	Carolina Road Solutions LLC	NCDOT Marc Morgan 704-983-4380	Anticipate work to be in Spring 2024
	2023CPT.10.1 4.10131 - Contract DJ00447	VARIOUS LOCATIONS - 1 Section of NC 3 and 3 sections of secondary roads	January 2023	October 2024	0% Complete	2.3 M	NJR Group, Inc.	NCDOT Marc Morgan 704-983-4380	Anticipate work to begin Spring 2024
R	SS-4910DM 48485.1.1 48485.2.1	Roberta Road & Cochran Road Concord to Brookville Avenue Mini Roundabout Construction	June 2022	September 2022	99% Complete	335 K	Reeves Construction Co.	NCDOT Jon Hinson 980-523-0080	Project is open to traffic & contract is complete. RE is working w/ Traffic Services to enhance RAB advanced notifications.
O U	2022CPT.10.1 8.20131 - Contract DJ00406	VARIOUS LOCATIONS - 10 Sections of secondary roads	March 2022	May 2023	70% Complete	1.8 M	JT Russell & Sons Inc	NCDOT Marc Morgan 704-983-4380	On Schedule to be completed by 5/31/2023.
	2022CPT.10.1 0.20132 Contract DJ00401	VARIOUS LOCATIONS - Sections of secondary roads	March 2022	June 2023	30% Complete	961 K	Whitehurst Paving Co.	NCDOT Marc Morgan 704-983-4380	Anticipated completion is 5/03/2023.
S	2022CPT.10.0 9.10131 - Contract C204686	VARIOUS LOCATIONS - 1 Section of NC 3 and 39 sections of secondary roads	December 2021	September 2023	20% Complete	5.5 M	NJR Group, Inc.	NCDOT Marc Morgan 704-983-4380	FDR Routes completed.
	R-5790JG 44920.3.15	VARIOUS LOCATIONS - Installation of curb ramps.	April 2023	August 2024		1.5 M		NCDOT Jared Mathis 704-983-4400	Project has been LET. Availability Date : June 5, 2023. Anticipated completion date : August 2024
PROJECTS UNDER DEVELOPMENT									
	SS-6210A 49966	Zion Church Road and Zion Church Road All-way Stop	September 2023	November 2023		121 K	NCDOT	NCDOT Zach Gardner 704-983-4400	Plans being developed for 5 foot widening radii.
	SS-6010AX 49833.3.1	Zion Church Road and Central Heights Drive All-way Stop	September 2023	November 2023		20 K	NCDOT	NCDOT Zach Gardner 704-983-4400	

Performance Management Agreement

between

Cabarrus-Rowan MPO,

Cabarrus County Public Transit, and

the North Carolina Department of Transportation (NCDOT), the South Carolina Department of Transportation (SCDOT), the Gaston-Lincoln-Cleveland Metropolitan Planning Organization (GCLMPO), Charlotte Regional Transportation Planning Organization (CRTPO), and Rock Hill-Fort Mill Area Transportation Study (RFATS)

WHEREAS, the United States Department of Transportation promulgated transportation planning regulations in 23 CFR 450.314, and

WHEREAS, MPO(s), State(s), and providers of public transportation are required by 23 CFR 450.314 to cooperatively determine their mutual responsibilities in carrying out the performance-based planning and programming requirements established by federal law, and

WHEREAS, the 23 CFR 450.314(h) requires that Metropolitan Planning Organizations (MPO)(s), State(s), and providers of public transportation shall jointly agree upon and develop specific written procedures for cooperatively developing and sharing information related to transportation performance data, the selection of performance targets, the reporting of performance targets, the reporting of performance to be used in tracking progress toward achievement of critical outcomes for the region of the MPO, and the collection of data for the State asset management plan for the National Highway System (NHS).¹

NOW, THEREFORE, BE IT RESOLVED, that the parties do hereby agree to adhere to the following protocols for coordination to meet performance-based planning and programming requirements in accordance with 23 CFR 450 and established federal guidance.

1) Transportation performance data

- a. NCDOT will collect and provide (or otherwise make available) to the Cabarrus-Rowan MPO and the providers of public transportation, with data used in developing statewide targets for all applicable measures.

1

For definitions of performance "targets" and other terms in this agreement, see 23 CFR 490.101.

- b. If the MPO chooses to develop its own target for any measure, Cabarrus-Rowan MPO will collect and provide NCDOT with any supplemental data used in association with the MPO target setting process, if applicable.
 - c. For the Charlotte Urbanized Area (UZA) only, NCDOT, SCDOT, CRMPO, CRTPO, GCLMPO, and RFATS will share data, as applicable, to develop single unified targets for the UZA for two CMAQ congestion performance measures: Annual Hours of Peak-Hour Excessive Delay per Capita, and Percent of non-SOV travel.
- 2) Selection of transportation performance targets
- a) NCDOT, the MPO, and the provider(s) of public transportation will set performance targets in coordination with each other.
 - (i) Coordination will include as many of the following opportunities as deemed appropriate for the measure: in-person meetings, webinars, conference calls, work group/committee representation, and email/written communication.
 - (ii) For each performance measure, MPO's shall establish a target by either agreeing to plan and program projects so that they contribute toward the accomplishment of NCDOT's target for that performance measure, or commit to a quantifiable target for that performance measure for their metropolitan planning area (23 CFR 490.209 (c)(4)).
 - (iii) Per 23 CFR 490.209 (c) (5), MPO's that establish quantifiable fatality rate or serious injury rate targets shall report the VMT estimate to NCDOT used for such targets and the methodology used to develop the estimate. The methodology should be consistent with other Federal reporting requirements, if applicable.
 - (iv) If the MPO chooses to set its own target, the MPO will develop the target in coordination with NCDOT and the provider(s) of public transportation.
 - b) The NCDOT will set statewide performance targets to meet the federal performance management requirements
 - (i) The NCDOT will provide written notice to the MPO when NCDOT sets a target. This notice will provide the targets and the date NCDOT set the target, which will begin the 180-day time-period in which the MPO must set performance targets.
 - (ii) If the MPO chooses to support the statewide or provider(s) of public transportation targets, the MPO will provide documentation in the form of a support resolution to NCDOT and the provider(s) of public

transportation that the MPO agrees to plan and program projects that will contribute toward the achievement of the statewide and/or provider(s) of public transportation targets.

- (iii) If the MPO chooses to set its own target(s), the MPO will provide NCDOT and the provider(s) of public transportation documentation (in the form of a signed resolution) that includes the target(s) and when the MPO established those target(s).

c) Provider(s) of public transportation Targets:

- i) The Tier 1 providers of public transportation will establish performance targets to meet the federal performance management requirements for transit asset management and transit safety (pending final rule). Tier 1 transit providers are defined in 23 CFR 625.5.
- ii) The provider of public transportation will provide written notice to the MPO and NCDOT when they establish target(s). This notice will provide the targets and the date the target was set. The date the initial targets were set will begin the 180-day time-period within which the MPO must establish their transit-related performance targets. MPO's may choose to update their targets when the provider(s) of public transportation updates their targets, or when the MPO amends their Metropolitan Transportation Plan (MTP). At a minimum, an MPO shall update their transit-related targets when the MPO updates the MTP by extending the MTP's horizon year in accordance with 23 CFR 450.324 (c).
- iii) If the MPO chooses to support the provider(s) of public transportation target(s), the MPO will provide to NCDOT and the provider of public transportation documentation in the form of a support resolution duly considered by the MPO's governing body that the MPO agrees to plan and program MPO projects so that they contribute toward achievement of the transit provider's target.
- iv) For Tier 2 providers of public transportation that choose to participate in NCDOT's group plan: NCDOT shall notify MPOs and those participating Tier 2 providers within 30 days of establishment of transit-related targets. The MPO will provide documentation to NCDOT and the provider of public transportation of target establishment or support in the form of a resolution duly considered by the MPO's governing body. Tier 2 transit providers are defined in 23 CFR 625.5.

- d) For the Charlotte Urbanized Area (UZA) only, NCDOT, SCOOT, CRMPO, CRTPO, GCLMPO, and RFATS will coordinate and set single unified targets for the UZA for two CMAQ congestion performance measures: Annual Hours of Peak-Hour Excessive Delay

per Capita, and Percent of non-SOV travel. Greater Hickory MPO is encouraged to coordinate to set targets for these two measures.

3) Reporting of performance targets

- a. Reporting of targets and performance will be done as specified in 23 CFR 490, 23 CFR 450, 49 CFR 625, and 49 CFR 673.
- b. NCDOT will report all targets to FHWA and FTA as applicable. NCDOT will provide written notice of the targets to the MPO within 15 business days of reporting targets.
- c. The MPOs will report any MPO targets to NCDOT within 15 business days after the MPO establishes a target. The MPO will provide documentation of target establishment to NCDOT and the provider of public transportation in the form of a resolution duly considered by the MPO's governing body.
- d. The MPO agrees to report their annually established safety targets to NCDOT within 15 business days of establishment. (23 CFR 490.209(c)). Establishment of targets shall be evidenced by a signed resolution from the MPO's governing board.

4) Reporting of performance to be used in tracking progress toward achievement of critical outcomes for the region of the MPO.

- a. Where available and practicable, NCDOT will provide the MPO with the statewide performance data used in developing statewide targets. All updates of this data will include prior performance data, as available and practicable.
- b. If MPO sets a different target than the statewide target the MPO will provide NCDOT with MPO-wide performance data used to develop the target. All updates of performance data by the MPO will include prior performance data.
- c. Where applicable, the MPO will provide data to NCDOT for the CMAQ on-road emissions measure.
- d. Where applicable, the MPO will provide NCDOT and the provider of public transportation with a copy of the CMAQ Performance Plan at least 45 days prior to when NCDOT's performance period reports are due per 23 CFR 490.107. As applicable, NCDOT will include as an attachment the MPO's CMAQ Performance Plan as a part of NCDOT's performance period report.

5) The collection of data for the State asset management plans for the NHS

- a. NCDOT will be responsible for the collection of bridge and pavement condition data for the State asset management plan for the NHS. This includes NHS roads that are not on a State highway system but instead are under the ownership of local jurisdictions, if such roads exist.
- 6) All parties agree that email communications shall be considered written notice for all portions of this agreement.
 - 7) The State, MPO, and providers of public transportation are responsible for financial planning that demonstrates how MTP's and TIP's can be implemented consistent with principles of fiscal constraint. Federal requirements (23 CFR 450.314(a)) direct that specific provisions be agreed upon for cooperatively developing and sharing information for development of financial plans to support the MTP (23 CFR 450.324) and metropolitan TIP (23 CFR 450.326), as well as development of the annual listing of obligated projects (23 CFR 450.334). For purposes of this agreement, the following shall not apply to providers of public transportation nor South Carolina Department of Transportation:
 - a) To support the development of the financial plan for the MTP, the North Carolina Department of Transportation (NCDOT) shall provide the MPO with a listing of the most recent 10-year historical funding for the Counties located within the MPO boundary categorized by funding source. The MPO will review the historical information and extrapolate the funding trends for the MTP's planning horizon while considering other factors that may affect a reasonable funding forecast. The MPO shall add any local or private funding sources reasonably expected to be available during the planning horizon. If the MPO recommends any alternative financing strategies to fund the projects and programs in the MTP, they shall be identified and included in the MTP. In the case of new funding sources, strategies for ensuring their availability shall be identified and documented. If a revenue source is subsequently removed or substantially reduced (i.e., by legislative or administrative actions), the MPO will not act on a full update or amended MTP and/or TIP that does not reflect the changed revenue situation. Updates or amendments to a TIP or the STIP are acceptable as long as the changes don't involve the removed or reduced sources of funding.
 - b) Annual Obligation Report: Within 90 days after the close of a federal fiscal year, NCDOT shall provide the MPO with the information needed to be included in the annual listing of obligated projects. The MPO shall publish the annual listing of obligated projects on their web site and in accordance with any other procedures outlined in their Public Participation Plan to ensure adequate access by the public and other interested stakeholders. To the extent possible, this report will contain the projects (including investments in pedestrian walkways and bicycle transportation facilities) for which federal highway or transit funds

were obligated in the preceding program year. It shall include all federally funded projects authorized, including those revised to increase obligations in the preceding program year. At a minimum, it shall include:

- i) TIP project description and implementing agency information,
- ii) Identify for each project, the amount of Federal funds requested in the TIP/STIP,
- iii) the Federal funding that was obligated during the preceding year,
- iv) and the Federal funding remaining and available for subsequent years.

[Signature page to follow]

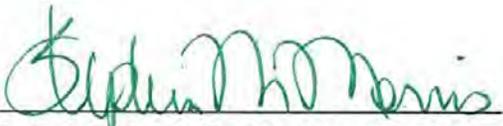
Signature page

Representation on Authority of Parties/Signatories.

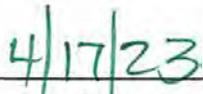
Each person signing this Agreement represents and warrants that he or she is duly authorized and has legal capacity to execute and deliver this Agreement. Each party represents and warrants to the other that the execution and delivery of the Agreement and the performance of such party's obligations hereunder have been duly authorized and that the Agreement is a valid and legal agreement binding on such party and enforceable in accordance with its terms.

Cabarrus-Rowan MPO TAC Chair

Date



Cabarrus County Board of Commissioners, Chair



Date

Bobby Lewis, Chief Operating Officer, NCDOT

Date

Christy A. Hall, Secretary of Transportation, SCOOT or
James J. Fedas, Jr., Deputy Secretary for Intermodal Planning, SCOOT

Date

From: [Eatman, Mark R](#)
To: [Wannetta Mallette](#); [Lukasina, Chris](#); [Hagen, Chandler](#); [Phil Conrad](#); [Stafford, Jennifer](#); [Cain, Aaron](#); [Kelly Fomenko](#); [Gates, Randi P](#); [brian.horton@wpcog.org](#); [Meyer, Tyler](#); [Venable, Greg](#); [Cox, Diane](#); [Nichols, Sara](#); [Vicki Eastland](#); [Karyl Fuller](#); [Reedy, Jordan](#); [rose](#); [Salmons, James M](#); [Garvin, Kelly A](#); [Hunter Staszak](#); [Portanova, Jennifer L](#); [Murphy, Brian G](#); [Mayhew, Brian K](#); [Brumfield, Ryan M](#); [Parrott, Tracy N](#); [Upshaw, Ben](#); [Keilson, David P](#); [dhuffines@ncdot.gov](#); [Blanton, William A](#); [Kirk, Timothy M](#); [jmcswain@ncdot.gov](#); [Austin, Wanda H](#); [Brutz, Heather M](#); [Orthner, Jason T](#); [Navarro, Jonathan](#); [Blanchard, Sheila J](#)
Cc: [Alavi, Jamal S](#); [Hildebrandt, Heather J](#); [Lacy, Kevin](#)
Subject: Continuous CMAQ Application Process Update
Date: Tuesday, May 16, 2023 3:58:54 PM
Attachments: [image001.png](#)
[Updated Fillable CMAQ Application June 2022.pdf](#)
Importance: High

Good Afternoon CMAQ partners,

In the past we have asked you all to submit CMAQ projects on a yearly basis (typically in mid March). We are transitioning away from that yearly process to a continuous application process. What this means for you all is that applications can be submitted to TPD whenever you have a project to submit.

In terms of future review and awards, we will be looking at batches of projects on a quarterly basis. The end date for these quarters will be **March 31, June 30, September 30, and December 31**. If there are any special circumstances that require expedited review, please let us know and we'll do our best to process your request. Additionally, TPD may adjust this process if awards start to outpace available funding.

Additionally, we will be making some additional updates to the CMAQ process and will be updating our CMAQ Process document. More updates on that to come.

Please continue to use the current CMAQ application (attached) for application submittals. You can submit applications to me, and I'll place them on the CMAQ SharePoint site.

In the future we will be moving toward an online based application that will likely utilize SharePoint. I'll need some volunteers to help me test this system out, so let me know if you'd be interested in participating. More to come on that later as well so stay tuned.

If you have any questions or concerns, please feel free to contact me.

Thanks,

Mark R. Eatman, PE
Statewide Initiatives Engineer
Transportation Planning Division
North Carolina Department of Transportation

919-707-0970
mreatman@ncdot.gov

1 South Wilmington Street (Physical)
1554 Mail Service Center (Mail)
Raleigh, NC 27699-1534

NCDOT TPD NEWS



Traffic Forecasts (TF)

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

- R-2246A: Cabarrus Concord George Liles
- U-5901: Rowan Salisbury Airport Parkway

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

National Electric Vehicle Infrastructure (NEVI) Program

The N.C. NEVI Program will initiate a procurement process in fall 2023 to install Direct Current Fast Charging (DCFC) EV stations along the State’s Alternative Fuel Corridors. NCDOT anticipates entities that are interested in deploying EV Supply Equipment (EVSE) under the NEVI program will form teams potentially consisting of:

- Site Developers, EVSE Providers, Site Hosts

To help these entities prepare to respond to the procurement process, NCDOT is facilitating an online database in addition to the May 9 virtual meeting that was held.

NC NEVI Networking Database: Ongoing until June 30, 2023:
<https://publicinput.com/nevi-networking>

The database and event are intended solely for those interested in being part of EV charging station deployment teams in response to the NCDOT’s upcoming procurement process. Responses to the database questionnaire will be available to all respondents via a **publicly available database** posted to the NCDOT NEVI website: [NCDOT: National Electric Vehicle Infrastructure \(NEVI\) Program](#)

Updated Seasonal Grouping and Factors

The Traffic Survey Group is providing an updated Seasonal Grouping and Factors table for your use and reference when factoring from Daily Volume to AADT by Day of Week by Month. This seasonal factor table can be found on our Traffic Survey website: <https://connect.ncdot.gov/resources/State-Mapping/Pages/Traffic-Monitoring-Reports-Statistics.aspx>. Once on this page click on the Resource Tab to find the NCDOT Traffic Volume Seasonal Factors_2021 excel spreadsheet.

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

- NCDOT Mission Statement

IMD Multimodal Updates Webinar

NCDOT’s Integrated Mobility Division (IMD) is holding its next quarterly [Multimodal Updates Webinar](#) on **Thursday, May 25th at 10am**.

These meetings are designed to inform some of our partners on planning, policy and programming initiatives that our Division is currently leading.

If interested, join the meeting at <https://meet.goto.com/797607149>



FHWA News (continued)

U.S. DOT Releases Safe Streets for All Grant Program FY23 Notice of Funding Opportunity

The U.S. Department of Transportation (U.S. DOT) opened the second round of the [Safe Streets for All \(SS4A\) Discretionary Grant Program](#) and released the [FY23 Notice of Funding Opportunity](#). The SS4A Grant Program, established by the Bipartisan Infrastructure Law, funds regional, local, and Tribal initiatives through grants to prevent roadway deaths and serious injuries. The program supports the [National Roadway Safety Strategy](#) and the U.S. DOT goal of zero deaths and serious injuries on our nation's roadways. A [webinar series](#) is available for more information. **[Applications](#) are due by 5:00 PM ET on July 10, 2023.**

Contact Us

Roger Castillo

NCDOT TPD

1 S. Wilmington Street
Raleigh, NC 27601

(919) 707-0942

ricastillo@ncdot.gov

Visit us on the web at
www.ncdot.gov

Upcoming	Date
3rd Quarter invoice and work summary due	Mary 10, 2023
TPD approves FY24 (U)PWP and Indirect Cost Allocation Plan	June 29, 2023

NCDOT Statewide Plans:

To learn more, click on the following links:

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

Other Plans:

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

Helpful Links:

Click on links below to learn more:

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

	RIDER TRANSIT						RIDER ADA PARATRANSIT					
	2018	2019	2020	2021	2022	2023	2018	2019	2020	2021	2022	2023
January	28618	35154	32795	19946	13670	26317	786	1014	1233	1064	1291	1877
February	30231	32851	31073	23498	20251	25535	887	1001	1238	1065	1358	1459
March	32443	35038	25626	36652	23914	28482	972	1066	887	1558	1626	1781
April	33153	33822	15732	36209	24336	26145	903	1117	550	1555	1474	1565
May	35578	36735	18489	36769	24130		1005	1015	687	1464	1542	
June	38320	36931	22239	35573	26036		893	918	997	1370	1638	
July	36564	37265	22975	27155	24640		840	956	1065	1305	1476	
August	42211	38455	22020	27824	26857		995	1041	1191	1233	1740	
September	35060	35590	21712	27014	27278		895	1076	1231	1286	1553	
October	39504	37727	24501	28779	27419		1147	1175	1024	1304	1550	
November	33695	32930	22073	25692	25003		972	1132	959	1424	1731	
December	30639	32848	19994	24882	24418		781	1049	1044	1463	1651	
Totals	416016	425346	279229	349,993	287,952	106,479	11076	12560	12106	16091	18630	6682

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