



## INFORMATIONAL ITEM: PROJECT UPDATES

**May 2023**

### CONTENTS

|   |    |
|---|----|
| Studies .....   | 3  |
| Cary-RTP and Garner-Clayton Rapid Bus/Bus Rapid Transit Extensions Major Investment Study .....   | 3  |
| Southeast Area Study Update .....   | 3  |
| U.S. 401 Corridor Study .....   | 3  |
| Mobility Management Program Implementation Study .....  | 4  |
| Project Prioritization Methodology Update FY 2023 .....   | 5  |
| Committees .....  | 6  |
| Wake Transit/Wake County Transit Planning Advisory Committee (TPAC) .....   | 6  |
| FY 2023 Work Plan, Period of Performance Extensions .....   | 6  |
| FY 2024 Work Plan Development Update .....  | 6  |
| FY2024 Community Funding Area Program Update .....  | 7  |
| FY 2023 Wake Transit Plan Implementation Project Progress and Expenditure Reviews .....   | 8  |
| 2022 Wake Transit Bus Service Review .....  | 8  |
| Mobility Coordination Committee .....   | 8  |
| Safe Routes to School (SRTS) .....  | 9  |
| Programs .....  | 9  |
| Non-Motorized Volume Data Program .....   | 9  |
| Triangle Transportation Choices (Triangle Transportation Demand Management (TDM) Program) .....   | 10 |
| Triangle J Council of Governments (TJCOG) issued a Call for Projects by February 10th, 2023 for the Triangle Transportation Choices/ Transportation Demand Management (TDM) grant program. Proposals were requested for three different funding opportunities for fiscal year 2023-24 (FY24). A brief overview of these three different RFPs (traditional, innovative projects, and equity & inclusion pilot initiative) can be viewed here. The FY24 RFP for Triangle Transportation Choices transportation demand management (TDM) grant program is now closed. The applications are currently being reviewed and the awards will be announced in early May. .... | 10 |
| Projects .....  | 10 |
| NCDOT Highway Project U-2719 – Updates .....  | 10 |
| NC 540 Bonus Allocation Projects .....  | 11 |



## Studies

### Cary-RTP and Garner-Clayton Rapid Bus/Bus Rapid Transit Extensions Major Investment Study

In April of 2021, CAMPO staff kicked off a major investment study (MIS) that will develop and evaluate alternatives and ultimately select preferred alternatives for rapid bus or bus rapid transit (BRT) extensions from Cary to Research Triangle Park and from Garner to Clayton. These extensions would build onto two (2) of the core BRT corridors included in the original Wake County Transit Plan. The extensions were included in the Wake County Transit Plan Update, and the capital improvements thereof are assumed to be funded with State revenue sources in the FYs 2020-2029 Transportation Improvement Program. The consultant has developed a technical recommendation for a locally preferred alternative in each corridor, which has been presented at meetings around the region. Formal action on adopting a Locally Preferred Alternative will be postponed until additional operational analyses can be performed. Final report documents are under development and review. More information is available online:

<https://wakebrtextensionsstudy.com/>. (Staff Contact: Shelby Powell)

### Southeast Area Study Update

The original Southeast Area Study, evaluating land use and transportation issues in the southeastern section of the MPO's planning area, was completed in 2018. It covered parts of Wake and Johnston Counties, and the municipalities of Archer Lodge, Benson, Clayton, Four Oaks, Garner, Kenly, Micro, Raleigh, Selma, Smithfield and Wilson's Mills. The Study update includes the Town of Pine Level as well. The study is being conducted in coordination with NCDOT and the Upper Coastal Plain RPO. The Stakeholder Oversight Team held an in-person scenario planning workshop in late October 2022 to discuss tradeoffs and concepts for future scenario planning work. The group also discussed potential performance measures for use in evaluating scenarios. After additional feedback from Stakeholders who were unable to attend the workshop, the consultant team is drafting potential future land use scenarios for the study area.

In January the second round of in-person jurisdictional meetings was held to review the land use scenario development update, discuss policy and code priorities, and to discuss potential hot spots with planners from Southeast Area jurisdictions to elicit additional feedback and verification. The team met with the CTT again in March to review results from the completed land use scenarios, and to solicit feedback.

The Preferred Scenario is being developed based on input and direction from the CTT. The results from the Preferred Scenario will help inform modal recommendations, which will be presented to the CTT in May for final input prior to a Public Symposium in June

More information is online here: <https://seareastudyupdate.com/> (Staff Contact: Gaby Lawlor)

### U.S. 401 Corridor Study

This study covers the U.S. 401 Corridor from generally U.S. 421 in Harnett County north to Banks Road in Wake County. For the purpose of the study, the corridor has been divided into three segments that enable the study team to focus on the requirements of each segment individually:

US 401 Fuquay-Varina Bypass

US 401 - Fuquay-Varina @ Banks Road to the Harnett/Wake County Line  
US 401 - Southern Section – Harnett/Wake County Line to Lillington

The project schedule has also been extended to conclude by June 2023, and future notifications of meetings will be presented to the public. Following two Public Open Houses that were hosted in December by the Town of Fuquay-Varina and Harnett County, the US 401 Corridor Study team is currently working to determine the preferred alignment as well as work on design for the existing US 401 highway through northern Harnett County. Currently, it is expected that the final public engagement on the study will occur by June 2023. The project website is located at [www.US401CorridorStudy.com](http://www.US401CorridorStudy.com). (Staff Contact: Kenneth Withrow)

#### Mobility Management Program Implementation Study

CAMPO is conducting a two-year Mobility Management Implementation Study (MMIS), in partnership with Wake County, the City of Raleigh, and the Town of Cary, per CAMPO's FY22 UPWP (amended to include Raleigh and Cary). A Request for Proposals was issued from 4/9/21 to 4/30/21 for a phased approach study. The Notice to Proceed to the consulting firm Nelson Nygaard Associates, Inc. was issued 8/11/21 to begin the mobility management program study. This study advances the Mobility Coordination Committee's short-term work found in the amended regional 2018 Coordinated Public Transit - Human Services Transportation/Wake Transit Plan. A technical steering committee, made up of regional transportation stakeholders, kick-off meeting occurred on 8/31/21. TSC members who will help guide the study, learned more about the work scope/schedule, expectations for the committee, and other items. They provided input to the project team on topics such as their descriptions of a successful mobility management program.

Phase I of the study includes the review and analysis of existing and pending regional studies, plans and programs, analyzing the impact of a mobility management program on each existing transportation system's program, drafting a public engagement plan as well as a recommendation regarding potentially hiring a regional mobility manager. Phase I also includes a best practices and peer review, Board, stakeholder and targeted-public outreach and presentations, preparing a high level "white paper", and the potential development of an Interlocal Agreement for agencies to endorse participation in Phase II. Phase II, which is the actual implementation plan for the mobility management program, includes final development and analysis of operational details for participating agencies, developing the full public outreach strategy and a final report.

To date, the project team has completed Phase I work and Phase II of the study is in progress. The team has held five TSC meetings, an in-person workshop and two focus group meetings – completing Tasks 2, 3, 5, 6, 7, and parts of Task 4 Outreach and Engagement strategy. The work completed includes obtaining continual input/feedback from the funding partners and the TSC, compiling and reviewing key regional plans, existing studies and programs, conducting peer selection and reviews to stakeholder/boards and informational meetings/presentations. Thus far the consultant team has produced five main reports including an Implementation Framework and recommendations report, the Peer analysis report, the Public Engagement Strategy, an Implementation Framework Report and a Draft, final report. The team has also provided an informational flyer and one pager on the study that defines mobility management.

TSC members concurred with the study Phase I recommendations in October and provided input to complete Phase I "White Paper"/Recommended Implementation Framework report that is now available

for review. The TSC/consultant team provided board presentations to the jurisdictions and obtained agency written endorsements for the recommended mobility management program - CAMPO hiring a regional mobility manager initially using regional Section 5310 funding approving the agencies participation in the new program. (GoApex, GoCary, GoRaleigh, Harnett County/HARTS, KARTS, Johnston County/JCATS, Wake County/GoWakeAccess) GoTriangle's written consent is expected, but still pending. The Phase II draft final report is being reviewed. Final study presentations are scheduled for June. Full project completion, Phase II, is on time and scheduled for June 2023. **(Staff contact: Crystal Odum)**

#### Project Prioritization Methodology Update FY 2023

The MPO has contracted with High Street Consulting Group to develop a new comprehensive, flexible, and data intensive project prioritization program to be applied to transportation improvement projects within the Capital Area MPO region. The purpose of the study is to identify and develop a robust and systematic approach for selecting proposed roadway improvements throughout the Capital Area MPO beyond traditional measures of effectiveness. The analysis will investigate existing data inventories and prioritization algorithms and develop new methodologies that incorporate broader measures of project impact in support of the region's Metropolitan Transportation Plan.

General deliverables include:

1. Peer research review and analysis for applicability.
2. Documentation of benefit metrics evaluated and ultimately selected to be part of the tool.
3. Recommended data sources for each metric.
4. Functionally detailed methodology for prioritization and any accompanying tools or utilities required in that process.
5. Document highlighting how the updated project prioritization process fits into the overall process of developing the MTP and the actual method of scoring projects using the process.

Current progress has been in the form of:

1. An initial kick-off meeting between the consulting team and the core technical team selected for this study on October 27, 2022. The purpose of this meeting was to confirm the schedule, key milestones, and work plan for this task order. The meeting was also a chance for the team to clarify project goals and CAMPO's expectations, as well as confirm data and technical elements that will be needed to implement project impact assessments and integrate them into CAMPO processes.
2. An initial project management meeting (recurring monthly) to review initial findings of the peer review and data assessment task outlined in the project scope. Consultant staff presented data gathered so far and asked follow-up questions to:
  - a. Understand the current prioritization process for the roadway portion of the MTP
  - b. Identify any need for incorporating additional datasets or reporting standards based on past technical analysis at the MPO and desired future criteria for prioritization
  - c. Request any discovered or listed data that was not available via online public consumption
3. A December project management meeting where a draft presentation by the consulting team was delivered. The presentation provided the initial findings of the peer review and data assessment task.

- a. Project managers and CAMPO staff provided feedback to be incorporated into the succeeding presentation for the study CTT.
4. A polished presentation, using the MPOs stated goals and objectives and CAMPO-sourced technical data, was delivered in mid-December to the study CTT.
  - a. CTT members provided additional guidance on the desired applicable data to be considered in the next task deliverable (criteria development)
5. The consulting team presented a draft set of criteria to CAMPO project management team with a request for feedback before presenting these findings to the CTT.
  - a. CAMPO project management presented draft criteria to CAMPO staff at-large with a request for feedback.
  - b. Feedback from staff was received and delivered back to the consulting team for integration into a polished presentation for the next CTT meeting.
6. The consulting team presented the initial set of draft criteria development concepts and ideas to the CTT at the end of February, with a request for feedback before beginning scoring framework and script development tasks.
  - a. A follow-up meeting with the CTT and consultant, in mid-March, was held to provide one more opportunity for follow-up questions and guidance before finalizing a set of criteria.

Next milestone:

1. Finalized criteria are currently being used to develop a draft framework and script for project scoring.
  - a. Consultant will be meeting with CAMPO project management team in late April to review current progress on this task and address any preliminary issues before presenting initial results to the CTT.

(Staff contact: Tim Shortley)

## Committees

### Wake Transit/Wake County Transit Planning Advisory Committee (TPAC)

#### FY 2023 Work Plan, Period of Performance Extensions

The next Wake Transit Work Plan amendment cycle will launch in May with requests for Period of Performance extensions, of which the submittal deadline is May 26, 2023. CAMPO staff is working in tandem with the GoTriangle legal team to determine what projects are eligible for a period of performance extension. CAMPO staff will be in touch with those partners in early May to ascertain which eligible projects to move forward in the period of performance extension process. **(Staff Contact: Evan Koff)**

#### FY 2024 Work Plan Development Update

After the public review of the Draft FY 2024 Wake Transit Work Plan closed on March 22, 2023, the TPAC's Program Development subcommittee met on March 28<sup>th</sup> to review the proposed changes for the Recommended FY 2024 Wake Transit Work Plan. These changes include:

- The incorporation of four new Community Funding Area Program (CFAP) projects
- Funding adjustments to reflect higher operating costs for the current CFAP funded transit services

- A single year of funding for the Wake County's GoWake SmartRide NE to give time for a sustainable funding source to be finalized;
- Rightsizing the GoTriangle Route 305 with the current Recommended Wake County Bus Plan;
- Adjustments to GoTriangle's BOMF Expansion project including an increase to the design budget, a decrease to the construction budget, a delay of final year funding from FY 2026 to FY 2028, and an increase of the Wake County proportional share from 40% to 55%
- Delaying the initial funding year of construction of GoTriangle's New Regional Transit Center from FY 2024 to FY2025 and spreading the allocations over four fiscal years, instead of three.

The TPAC reviewed these changes incorporated into the Recommended FY 2024 Wake Transit Work Plan at their April 19<sup>th</sup> meeting and affirmed unanimously for the Recommended FY 2024 Wake Transit Work Plan to be considered by the Wake Transit governing boards.

However, due to a proposed shift in revenue streams by GoTriangle leadership, the Wake Transit's Program Development subcommittee at its April meeting came to a consensus to send the Recommended FY 2024 Wake Transit Work Plan back through TPAC for a final review during its May meeting before recommending it for review and adoption by the CAMPO and GoTriangle governing boards. Therefore, the FY 2024 Work Plan development will operate using the following development calendar:

- May 4: GoTriangle's Operations and Finance Committee Meeting reviews the Work Plan's revised revenue and expenditure fund balance
- May 8: Program Development subcommittee convenes for a special meeting to review and recommend the revised Recommended FY 2024 Wake Transit Work Plan to the TPAC
- May 17: TPAC Meeting to recommend revised Recommended FY 2024 Wake Transit Work Plan
- May 18 – June 1: 14 Day Comment Period
- June 1: TCC meeting
- June 21: Public Hearing & Adoption by CAMPO Board
- June 28: Adoption by GoTriangle Board

The CAMPO Executive Board will have an opportunity to review the revised Recommended FY 2024 Wake Transit Work Plan during their May meeting, as the Work Plan enters its 14-day comment period. Included in the recommended Work Plan is the proposed Annual Operating Budget, Annual Capital Budget, Multi-Year Operating Program, Multi-Year Capital Improvement Plan, as well as an update to the Wake Transit Financial Plan and financial model assumptions. Operating and capital funding agreements will be included in the final version of the document after the Work Plan's adoption in June. The governing boards will receive ongoing progress updates throughout the development of the recommended plan. The Executive Board is anticipated to consider adoption of the FY 2024 Work Plan at the June meeting. **(Staff Contact: Shelby Powell and Evan Koff)**

#### [FY2024 Community Funding Area Program Update](#)

The kickoff for the Community Funding Area Program's FY2024 application cycle was announced at the August 10<sup>th</sup> TPAC meeting. The required applicant training was then held on Wednesday, October 26<sup>th</sup>, with the official call for projects opening on October 31<sup>st</sup> and closing on January 6, 2023. During this year's call for projects, four (4) project applications from two (2) separate municipalities were submitted for scoring

and review: one (1) capital project from the Town of Knightdale, two (2) capital projects from the Town of Apex, and one (1) planning project from the Town of Apex. After CAMPO staff scored the applications, the CFAP Selection Committee convened on February 17, 2023. The committee unanimously voted to recommend to the TPAC that all four (4) projects be funded with the CFA Program Management Plan prescribed ten (10%) percent contingency.

The TPAC was given a full update on the program and the applications during their March meeting. The selection committee recommended projects were then incorporated into the Recommended FY 2024 Wake Transit Work Plan and unanimously approved by the TPAC in April. The result of the CFAP process will be the review of the Recommended FY2024 Wake Transit Work Plan by the governing boards in May and its adoption in June 2023. **(Staff Contact: Evan Koff)**

#### [FY 2023 Wake Transit Plan Implementation Project Progress and Expenditure Reviews](#)

Throughout Spring of 2023, CAMPO staff, in cooperation with GoTriangle staff, facilitated project progress and expenditure review data sharing in preparation for calls with representatives of the City of Raleigh, Town of Cary, and GoTriangle to discuss project activity and associated expenditures for implementation elements that were allocated funding in prior fiscal year Wake Transit Work Plans. These project reviews, as in the past, will be completed between CAMPO staff and each individual project sponsor, rather than in a larger subcommittee meeting setting to make better use of everyone's time. These project sponsors will be the primary focus of the reviews because they are each recipient of funding for multiple Wake Transit funded implementation elements as part of a larger program of projects they individually manage.

The overall purpose of the upcoming memorandum is to document the overall health of Wake Transit funded program activity and expenditures, document discussions regarding progress and expenditures for individual implementation elements with the aforementioned project sponsors and detail any action items or next steps resulting from those discussions for those implementation elements. At the April 25, 2023, Program Development Subcommittee Meeting, CAMPO staff reviewed high level expenditure information in preparation for the completion of their conversations and the drafting of the FY 2023 Project Progress & Expenditure Review memorandum. **(Staff Contact: Evan Koff)**

#### [2022 Wake Transit Bus Service Review](#)

CAMPO completed the annual review of Wake Transit-funded Bus Services and presented the findings to the TPAC at its October 12th meeting. The memo has been posted to the TPAC Document Library [here](#). The 2023 Wake Transit Bus Service Review will commence in June 2023. **(Staff Contact: Evan Koff)**

#### [Mobility Coordination Committee](#)

The MCC is the CAMPO administered regional committee borne out of the 2018 Coordinated Public Transit-Human Service Transportation Plan. The Plan sets the regional priorities for transportation investments and initiatives for human services and public transit coordination for seniors, disabled and low-income persons and establishes short, mid and long-term goals for the committee. Short-term goals (2019- 2022) consists of establishing the organizational structure to address the recommendations (the MCC), developing a consistent ADA program, preparing for changes in the state's Medicaid program, preparing a regional mobility framework for emerging partners and creating a regional mobility management structure/program. Given the complexity of our regional transportation system, the CAMPO Board



approved hiring a consultant with mobility management expertise to assist the committee members with the short-term goal of developing and implementing a mobility management program. The notice to proceed for the Mobility Management Program Implementation Study (MMIS) was issued to the firm of Nelson Nygaard with sub-consultant P3 on August 11, 2021, and the study is progressing.

The sub-committee members continue to meet at least bi-monthly to work through the coordinated plan's remaining recommendations which includes advancing the mobility management program implementation study and ADA coordination among the transit providers. CAMPO staff is coordinating the MMIS and MCC work while advancing the mobility study. CAMPO and the members as funding partners and the technical steering committee, are continuing to work directly with the MMIS consultants to develop the regional mobility program.

Other ongoing committee work includes, examining the Triangle Transportation Choices/Transportation Demand Management (TDM) program for synergies with the mobility coordination efforts, working collectively on Phase II of the Mobility Management Study and the recommendations outlined in the 2018 Coordinated Public Transit-Human Services Transportation/Wake Transit Plan. New human service agency members and advocates for the disabled and low-income populations are continuing to express interest in and join the MCC CT subcommittee as they learn about the committee while agency staff turnover and new agencies staff members have resulted in new committee members. Members are sharing Information to help new members become familiar with the committee's work and to coordinate services and programs to improve communication and service operations. Committee members are also continuing to work with NCPTA, NC DOT, service brokers and others participating in activities to improve the State's NEMT program.

The last quarterly meeting was held April 20th, 2023, while a joint subcommittee working meeting was held April 6th. Committee members have been focusing on the MMIS tasks- detailed operational plans and the work program for the mobility manager position, work scope/RFP for the updated coordinated plan, and preparing a Section 5310 program application. Information on the MCC's work along with the Short-Term Goal Implementation report is on the CAMPO's [Mobility Coordination Committee webpage](#). CAMPO staff will be presenting regular updates to the TCC/Executive Board.

**(Staff Contact: Crystal Odum)**

### [Safe Routes to School \(SRTS\)](#)

The latest SRTS Subcommittee meeting was held on Friday, March 17, 2023 to address the SRTS Grant Award for Wake County, the proposed MPO Regional Multi-Modal Safety Plan, WCPSS Bicycle/Pedestrian Data – Possible LAPP Projects, and NCDOT's IMD Multimodal Planning Grant Program. The next SRTS Subcommittee meeting will be held on Friday, June 16, 2023. An agenda will be sent out by June 9, 2023. (Staff Contact: Kenneth Withrow)

## Programs

### [Non-Motorized Volume Data Program](#)

The Institute for Transportation Research and Education (ITRE) currently manages the North Carolina Non-Motorized Volume Data Program (NC NMVDP) on behalf of the North Carolina Department of Transportation (NCDOT). The purpose of the program is to establish a robust data collection framework to

reliably calculate sidewalk, shared use path, bike lane, and shared lane volumes through the installation of permanent bicycle and pedestrian counters in North Carolina. At this time CAMPO, ITRE, NCDOT, and local staff are working together to implement a maintenance agreement for the counters that maintains their functionality for data collection to provide valuable information to elected officials and the public. Work on the counters in the current inventory will begin soon with an initial upgrade of the counters to 4G. Information on the current counters can be found at: <https://itre.ncsu.edu/focus/bikeped/nc-nmvd/>.  
**(Staff Contact: Kenneth Withrow)**

#### Triangle Transportation Choices (Triangle Transportation Demand Management (TDM) Program)

Triangle J Council of Governments (TJCOG) issued a Call for Projects by February 10<sup>th</sup>, 2023 for the Triangle Transportation Choices/ Transportation Demand Management (TDM) grant program. Proposals were requested for three different funding opportunities for fiscal year 2023-24 (FY24). A brief overview of these three different RFPs (traditional, innovative projects, and equity & inclusion pilot initiative) can be viewed [here](#). The FY24 RFP for Triangle Transportation Choices transportation demand management (TDM) grant program is now closed. The applications are currently being reviewed and the awards will be announced in early May.

Please find recordings of the RFP information sessions held by TJCOG below:

[Recording](#) of the Traditional RFP Information Session held on Jan 12, 2023.

[Recording](#) of the Equity and Inclusion Pilot Initiative RFP Information Session held on Jan 12, 2023.

The purpose of the Triangle TDM Program is to coordinate and evaluate regional TDM activities that aim to reduce traffic and air pollution by promoting commute alternatives such as transit, carpooling, biking, walking, teleworking, and vanpooling. CAMPO serves on the Oversight Committee as one of three funding partners with NCDOT and DCHC, along with representatives from TJCOG and the NC Department of Environmental Quality Division of Air Quality. The FY 21 TDM Annual Impact Report has been released and can be viewed [here](#).

Information about the TDM Plan Update, FY 23 grantees, and FY 24 RFP information can be found on the Triangle Transportation Choices website at:

<https://www.tjcog.org/programs-landusetransportation/transportation-demandmanagement>.

Questions about the program can be directed to Shuchi Gupta, Grant Administrator at (919) 558-2715 or [sgupta@tjcog.org](mailto:sgupta@tjcog.org).

**(Staff contact: Crystal Odum)**

## Projects

#### NCDOT Highway Project U-2719 – Updates

The overall completion is scheduled for 2024. Regular stakeholder meetings are held on the second Thursday of every month to ensure partners are updated on the progress of the project.

The Blue Ridge Rd and Hillsborough traffic shift is currently under way with the detour signage for the Hillsborough St closure from Youth Center Drive to Blue Ridge Rd already installed.

The signed detours for the thru Traffic on Hillsborough St are as follows:

- WB (westbound) Hillsborough Traffic will be detoured to Blue Ridge, Wade Ave and Edward Mills Rd then back to Hillsborough St.
- EB (eastbound) Hillsborough Traffic will be detoured to Edwards Mills Rd, Wade Ave and Blue Ridge and then back to Hillsborough St.

This Section of Hillsborough St will remain closed thru the spring and summer during the construction of Phase 1 of the new Hillsborough Street over Blue Ridge Road Bridge. During this time Youth Center Drive to Blue Ridge Road will serve as a local traffic only for motorist and foot traffic to the State Fair Grounds property before reopening once the bridge construction is completed.

Following the Hillsborough St closure, crews will continue with the permanent closure of the Blue Ridge and Hillsborough St intersection, the reconfiguring the Blue Ridge and Trinity Intersection, and finish installing the Hillsborough Street single lane configuration from Blue Ridge Rd to I-440. This work will be the traffic pattern you can expect to have in place through the Summer of 2023.

Lane Construction plans to open the westbound Wade Ave bridge flyover I-440 this upcoming Saturday, April 22, 2023. Lane Construction has also informed CAMPO of an Advanced Notice for nightly full closure of westbound Hillsborough St at I-440 bridge. This work is planned to begin Sunday night April 23<sup>rd</sup> and last for 5 nights. LANE has also issued an Advanced Notice for closure of Hutton Street at Blue Ridge Road for permanent drainage installation. This work is planned to begin Monday April 24<sup>th</sup> and is estimated to take 3 days to complete. If it becomes necessary to modify this schedule due to delivery issues and/or weather, LANE will provide an updated to this email group of the new schedule as soon as is possible. Further details about the projects are located at NCDOT's [I-440 & Blue Ridge Road Improvements webpage](#). **(Staff Contact: Kenneth Withrow)**

#### NC 540 Bonus Allocation Projects

The [selected NC 540 Bonus Allocation projects](#) were adopted by the CAMPO Executive Board in April 2020 and have been programmed in the TIP and STIP. Three initial projects have been identified in the TIP and STIP with Bonus Allocation (BA) funding and are currently under the initial preliminary engineering stages within NCDOT:

**HL-0006** Realign Hilltop Road to Lake Wheeler Road on new location, convert US 401 to superstreet from Lake Wheeler Road to Hilltop Needmore Rd. The project is programmed for Right-of-way starting in 2024 with Construction programmed in 2025.

**HL-0007** NCDOT is developing a Reduced Conflict Intersection (RCI) design for this corridor. More information is expected in early 2023.

**HL-0008** Preliminary Engineering for various intersection improvements to be funded through CAMPO Bonus Allocation funding: This STIP and TIP ID will be used to fund the preliminary engineering activities on the intersection improvement projects identified for the division-level BA funding (\$45m). Once a project has graduated from the preliminary engineering phase, the project will receive an individual TIP and STIP ID and will be tracked as a standalone project. Project costs are considerably higher than originally estimated for multiple projects. CAMPO and Division 5 continue to work on developing the scope of these intersection improvements.

1. [HL-0008C \(NC-50 \(Benson Rd\) at Timber Dr.\)](#)
2. HL-0008D (Holly Springs Rd. at Sunset Lake Rd.)
3. HL-0008F (Old Stage Rd. at Ten Ten Rd.)
4. [HL-0008G \(Lake Wheeler Rd. at Hilltop Needmore Rd.\)](#)

5. [HL-0008H \(Lake Wheeler Rd. at Simpkins Farm Ln.\)](#)
6. HL-0008I (Old Stage Rd. at Rock Service Station Rd.)
7. HL-0008J (NC 50 (Benson Rd.) at Rand Rd.)
8. HL-0008K (NC 42 at Hilltop Rd)
9. HL-0008L (Ten Ten at Bells Lake Rd)
10. HL-0008O (NC 42 at Johnston Rd)
11. HL-0008P (NC-50 at Ten Ten Rd)
12. HL-0008Q (Bells Lake Rd at Optimist Farm Rd)

**(Staff Contact: Alex Rickard)**