

INFORMATIONAL ITEM: PROJECT UPDATES

March 2021

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Safe Routes to School Update

The Wake County Model Safe Routes to School (SRTS) Project is in its fourth year. The North Carolina Department of Transportation (NCDOT) set aside \$1.5 million of Transportation Alternative Program funds for Safe Routes to School grant programming and in May of 2019, Wake County Human Services was awarded a grant. It will allow Wake County Human Services to continue supporting SRTS work in Wake County for the next three years (2019 – 2022). The Subcommittee and Wake Human Services staff have continued to work together on various projects throughout the current fiscal year. The next SRTS will occur on March 12, 2021. **(Staff Contact: Kenneth Withrow)**

Triangle Transportation Demand Management (TDM) Program

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 Triangle J Council of Governments (TJCOG) and the NC Department of Environmental Quality Division of Air Quality.

The annual FY 22 Request for Proposals for the Triangle TDM Program was released in February and applications were due on March 12, 2021. Notice of award to applicants is expected in late May. The RFP and all documents can be found on the Triangle TDM Program website at: <https://www.tjco.org/programs-land-use-transportation/transportation-demand-management>.

TJCOG also began updating the Triangle TDM Plan in 2019. The intent was to redefine the purpose/goal of the Triangle TDM Program and update the table of activities drawing largely from the report created by Gresham Smith. Gresham Smith served as the lead consultant for NCDOT's Statewide TDM Program providing technical assistance for TJCOG's Triangle TDM Update work. In 2019, several peer reviews and focus group surveys with TDM stakeholders were held, a technical assistance report was submitted to TJCOG who then presented the TDM Plan Goals Update to the TCC and Executive Board. The plan update is currently on hold due to NCDOT funding issues and COVID impacts. **(Staff contact: Brandon Watson)**

Triangle Bikeway Implementation Study

The project team has used this quarter to work on technical design alignments and integrating public input into potential recommendations. The Study team is anticipating the next round of public engagement to occur this spring, starting in the next couple of months. The next Triangle Bikeway Working Group meeting is tentatively scheduled for Thursday, April 8, 2021 from 1:30 to 3:30PM. Anticipated project complete is December, 2021. **(Staff contact: Kenneth Withrow)**

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. Both quarterly and annual reports are publicly available at:

<https://itre.ncsu.edu/focus/bike-ped/nc-nmvdpl/>. **(Staff contact: Kenneth Withrow)**

Mobility Coordination Committee

The 2018 Raleigh Urbanized Area Coordinated Human Services Transportation Plan (CHSTP), changed to the [Coordinated Public Transit-Human Services Transportation Plan, Amendment #1 \(CPT-HSTP\)](#), sets the priorities for transportation investments and initiatives for human services and public transit coordination. The plan guides funding and service development for transportation projects supporting elderly, disabled and low-income individuals. The short-term (2019-2022) goals for the MCC include creating a consistent framework for Wake County's ADA Services; coordinating the management and delivery of ADA services; monitoring the ongoing changes in the Medicaid program and transitioning the rural transportation programs into a mobility management framework. In February 2020, when the Executive Board adopted the 2018 updated Coordinated Human Services Public Transportation Plan, Amendment #1 it formalized the establishment of the Mobility Coordination Committee (MCC):

<https://www.campo-nc.us/about-us/committees/mobility-coordination-committee> . The MCC has since:

- Developed its membership, organizational and meeting structures. This includes three working Sub-committees - Administration, ADA and Community Transportation
- Completed a working "Recommended Implementation Strategy Schedule" including a rolling six months of actionable items,
- Supported the City of Raleigh's 5310 Program Management Plan update, and,
- Updated the coordinated regional plan.

Three working Sub-committees - Administration, ADA and Community Transportation, that meet monthly, were created to address the characterized goals and beginning February 7, 2020 human service agencies and other stakeholders joined the Community Transportation sub-committee to share information and further coordinate. The full MCC committee began meeting quarterly on October 24, 2019. The short-term (2019-2022) goals for the MCC include creating a consistent framework for Wake County's ADA Services; coordinating the management and delivery of ADA services; monitoring the ongoing changes in the Medicaid program and transitioning the rural transportation programs into a mobility management framework. To date, the MCC has also agreed on coordinated/shared ADA service gap methodology language and established the opportunity for coordinated provider ADA eligibility assessments. Coordination work continues with regional initiatives such as Live Well Wake and Wake County's Micro Transit Study, as well. The MCC continues preparing for and monitoring the state's NEMT program changes with implementation to occur July 1, 2021, coordinating with human services agencies to begin additional communications outreach efforts and developing the mobility management program.

Given the complexity of our regional transportation system and various mobility management programs, the MCC members recommend bringing on a consultant to assist with the mobility management program development. Consequently, a Mobility Management Program (MMP) joint study, to be conducted in partnership with Wake County, has been added to CAMPO's FY22 UPWP. The MCC is working on updating a draft MMP work scope to include a phased

work approach. Phase I includes the review and analysis of existing regional programs, the impact of the mobility management program on each existing program as well as recommendations regarding hiring a potential regional mobility manager. Phase I would also include the drafting of a high level “white paper” identifying benefits and challenges a MMP may create, Board presentations and an Interlocal Agreement for agencies able to participate in Phase II, the actual development of the mobility management program. The working sub committees met last on February 5th and updated the full MCC committee at the quarterly January 21st meeting. Information on the MCC, including the meetings schedules, agendas and summaries, is posted on the CAMPO website. Periodic updates to the Wake Board of Commissioners, TCC/TPAC and the CAMPO Executive Board and other boards will be provided with schedule and workplan updates anticipated to be presented during this fiscal year. Information on the MCC’s work is on the CAMPO website here: <https://www.campo-nc.us/about-us/committees/mobility-coordination-committee> (Staff Contact: Crystal Odum)

NCDOT Highway Project U-2719 – Updates

For the Blue Ridge and Hillsborough Intersection, closure of Blue Ridge has been pushed back until after the fair in 2021. There will be utility relocation and road work to prep for that closure. Current sections of the project expected to be on the long-term timetable schedule are the I-440 Westbound Off Ramp to Wade EB (Long Term Detour), and the I-440 EB Exit to Western Blvd Loop. The I-440 Westbound Shift to Median between Jones Franklin Road and I-440/Walnut Interchange, and the I-440 Eastbound Off Loop to Jones Franklin Road are currently under construction for a period of nine months.

New Traffic Patterns

1. Westbound I-440 Western to Athens
 - o Anticipated Date: March 21, 2021
 - o Reason for this shift is to construct new alignment of westbound I-440.

Further details about the projects are located at [I-440 & Blue Ridge Road Improvements](https://www.ncdot.gov/projects/i-440-improvements/Pages/default.aspx) <https://www.ncdot.gov/projects/i-440-improvements/Pages/default.aspx>. (Staff Contact: Kenneth Withrow)

Northeast Area Study Update

The initial Northeast Area Study (NEAS) was completed in FY 2014 and needed to be updated in order to prepare for the 2050 MTP, so the NEAS Update began in early 2020. It will evaluate land use and transportation issues in the northeastern section of CAMPO’s planning area. The study covers parts of Wake and Franklin Counties, and the municipalities of Knightdale, Wendell, Zebulon, Bunn, Rolesville, Wake Forest, Youngsville, Franklinton, and part of Raleigh.

Stantec was selected as the NEAS Update consultant and study outputs will include: typical products such as public engagement planning and implementation, development of guiding principles, Stakeholder Oversight Team (SOT) working sessions regarding scenarios for both transportation and land use, deficiency analyses, data collection and modelling, coordination with local staff and NCDOT through the Core Technical Team (CTT), and more. Unique aspects include a set of hotspot evaluations and conceptual design work, as well as an updated policy guidebook. An initial round of public engagement occurred over three months in the summer of

2020. Utilizing that and the technical analyses, draft recommendations have been released for roadway, bike/ped, and transit improvements. The next step is to put the recommended improvement projects into short-, mid-, and long-term buckets.

The second round of public engagement occurred from February to March 10 and included a virtual tent to explore the recommendations, as well as an online survey. Final recommendations and a summary of the public feedback will be shared with the CTT in March, SOT in April, and local and municipal boards as well as TCC and Executive Board in the spring/summer. The project is anticipated to go through June 2021. Visit www.neasupdate.com for more information. **(Staff Contact: Brandon Watson)**

Bus on Shoulder Study

CAMPO is partnering with DCHC MPO, NCDOT and GoTriangle to conduct a regional evaluation of potential expansion of the Bus on Shoulder System currently operated on I-40. The Study will also look for opportunities to enhance the North Carolina rules and guidelines for using Bus on Shoulder in other parts of the state. The consultant team is currently wrapping up evaluation of the study corridors against performance metrics, and starting to develop an implementation strategy and updated public messaging. Recommendations from the study are expected in June 2021. **(Staff Contact: Shelby Powell)**

Western Wake Traffic Signal System Integration Study

CAMPO recently completed the Triangle Region ITS Strategic Deployment Plan Update, which included the need for interoperable signal systems across jurisdictional boundaries leading to a goal of regionalized intelligent transportation systems (ITS) including coordinated signal systems. In January 2021, CAMPO began a study to regionalize ITS systems, including integrating traffic signal systems from multiple jurisdictions into one signal system. Recommendations will include guidance and implementation step details to be fit for use in other areas across North Carolina where regional ITS signal system integration efforts would be applicable. Exult Engineering was selected as the lead consultant. The study will be centered on the Western Wake area, coordinating with NCDOT and the Towns of Apex, Cary, Fuquay-Varina, Holly Springs, and Morrisville. Members within the study area have been receiving data requests in preparation for the first meeting in March 2021. The project is anticipated to be completed by June 2022. **(Staff Contact: Brandon Watson)**

US 401 Corridor Study

CAMPO has begun a study that will cover the US 401 Corridor from generally US 421 in Harnett County north to Banks Road in Wake County. The study will determine the ultimate cross-section and alignment of US 401; and will explore interim projects that may lead to that ultimate cross-section and alignment. The study will result in a functional design of the ultimate corridor, intersection designs, and an implementation strategy that recommends short term, long term, and policy recommendations. For the purpose of this study, the corridor will be divided into three segments that enable the study team to focus on the requirements of each segment individually. The following extents for the three segments are:

- US 401 Fuquay-Varina Bypass
- Fuquay-Varina – Banks Road to Harnett/Wake County Line

- Southern Section – Harnett/Wake County Line to Lillington

The final study outcomes will allow for local CTP adoption of the US Hwy 401 Bypass to be included therein and ROW dedication provided with development as appropriate along the corridor. This study will include a public involvement component intended to engage residents along the corridor and commuters traveling through the area.

The first phase of public engagement began on March 11th and includes an online survey, with a virtual public meeting scheduled for Thursday, March 25th at 6pm.

www.US401CorridorStudy.com (Staff Contact: Kenneth Withrow)

Wake Transit Plan Implementation Updates

1) Wake County Transit Plan Update

This item is on today's Executive Board meeting agenda. Information can be found in the item's staff report. General project info is on the project website: <https://goforwardnc.org/wakeinput/> (Staff Contact: Bret Martin)

2) FY 2022 Draft Wake Transit Work Plan

This item is on today's Executive Board meeting agenda. Information can be found in the item's staff report. General project info is on the project website: <https://goforwardnc.org/wakeinput/> (Staff Contact: Bret Martin)

3) Wake Transit Performance Tracker

CAMPO is tasked with developing an online Wake Transit Performance Tracker. In May, CAMPO executed a contract with WSP for support in bringing two components of the online resource to fruition.

1. Interactive project map that will put the investment information contained in the annual Wake Transit Work Plan into a visual, searchable format. Users will be able to see detailed information on Wake Transit-funded service and infrastructure projects that have been completed, are underway or are planned for future years.
2. Graphic-driven dashboard that will display progress toward reaching Wake Transit program goals. The elements of the dashboard are intended to reflect programmatic goals set in the Wake Transit Plan, Bus Plan and other adopted materials.

June through December of 2020 was focused on planning and development activities. A beta testing period will occur in the early spring of 2021, and a full-scale community launch will occur in May of 2021. (Staff Contact: Stephanie Plancich)

4) FY 2022 Community Funding Area Program Project Selection

Two applications for Community Funding Area Program funding were received in response to the FY 2022 call for projects. These include an application for transit planning funds from the Town of Knightdale and an application for micro-mobility infrastructure from the Research Triangle Foundation for the Research Triangle Park. A selection committee reviewed the applications in February and recommended that the projects submitted for consideration be

provided the requested funding in the TPAC-recommended FY 2022 Wake Transit Work Plan.
(Staff Contact: Evan Koff)

5) Wake Transit Public Engagement Policy Update

The adopted Wake Transit Public Engagement Policy is currently being updated to streamline engagement requirements for Wake Transit-funded projects and program-level planning and to clarify roles and responsibilities of involved agencies. The update to the Wake Transit Public Engagement Policy was released for public review and comment in mid-February along with the FY 2022 Draft Wake Transit Work Plan. It is anticipated that the updated engagement policy will be considered for action by the TCC and Executive Board later in the spring.

<https://goforwardnc.org/wakeinput/> **(Staff Contact: Stephanie Plancich)**

6) Policy Regarding Wake Transit Interests in Real Property

As Wake Transit project sponsors/funding recipients increasingly receive funding for land acquisition, the TPAC charged CAMPO, in cooperation with the TPAC Planning & Prioritization Subcommittee, with developing a policy framework that sets rules and expectations for Wake Transit's interests in real property acquisition. It is anticipated that the policy framework will continue development through February and March and will be considered by the TPAC, TCC and Executive Board later in the spring. **(Staff Contact: Bret Martin)**

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: Project one of two regional-tier projects selected for BA funding. Original anticipated cost \$15m. Project has been assigned to firm VHB for planning and engineering tasks. An updated cost estimate from NCDOT increases the anticipated cost for the project at \$21.3m, not including preliminary engineering costs. This additional budget will be compensated with the \$10m in contingency funds set aside in the adopted BA list of projects. *If the total cost of projects exceeds the entire source of BA funds, additional costs will come out of the CAMPO STBGDA allocation (traditionally utilized under the Locally Administered Projects Program (LAPP)).*

HL-0007 Construct grade separation at at-grade intersection of NC 55 and Technology Drive: Project two of two regional-tier projects selected for BA funding. Original anticipated cost \$30m. Project has been assigned to firm Meade & Hunt for preliminary engineering activities- traffic analysis currently underway.

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, the project will receive an individual TIP and STIP ID and will be tracked as a standalone project. NCDOT's Division 5 has started the preliminary engineering on the first handful of projects on the Division-level intersection improvements list. Once Division 5 has completed PE on these projects, they will start PE on the next handful of projects. The intention is to go as far down the intersection

improvements list as possible with the available \$45m. Note: these projects could increase or decrease in scope based on further analysis completed by NCDOT. The projects currently in the initial PE phase are:

- HL-0008A (Lake Wheeler Rd. at Ten Ten Rd.)
- HL-0008B (Kildaire Farm Rd. at Penny Rd.)
- HL-0008C (NC-50 (Benson Rd) at Timber Dr.)
- HL-0008D (Holly Springs Rd. at Sunset Lake Rd.)
- HL-0008E (Main St. at Holly Springs Rd.)
- HL-0008F (Old Stage Rd. at Ten Ten Rd.)
- HL-0008G (Lake Wheeler Rd. at Hilltop Needmore Rd.)
- HL-0008H (Lake Wheeler Rd. at Simpkins Farm Ln.)
- HL-0008I (Old Stage Rd. at Rock Service Station Rd.)
- HL-0008J (NC 50 (Benson Rd.) at Rand Rd.)
- HL-0008K (NC 42 at Hilltop Rd)

(Staff Contacts: Gretchen Vetter & Alex Rickard)