



GoTriangle  
Board of Trustees  
September 23, 2020  
12:00 pm-2:30 pm Eastern Time

*Based on NC Executive Order No. 121 Stay at Home Order in response to COVID-19, the GoTriangle Board of Trustees will meet remotely on Wednesday, September 23, 2020, at 12:00 pm.*

*Click here to: Join Webex Meeting  
Meeting Number / Access code: 171 057 9235 #  
Password: 1234  
Or dial: +1 415-655-0003*

**I. Call to Order and Adoption of Agenda**

*(1 minute Michael Parker)*

ACTION REQUESTED: Adopt agenda with any changes requested.

**II. Recognition**

**A. Employee Service Awards**

*(5 minutes Charles Lattuca)*

**B. Service of Nina Szlosberg-Landis**

*(15 minutes Michael Parker)*

**III. Public Comment**

*(Michael Parker)*

For the September 23rd meeting, the GoTriangle Board of Trustees will receive public comment by e-mail at this address: mdawson@gotriangle.org. Comments related to the agenda should be submitted no later than 11 am on Wednesday, September 23, 2020.

**IV. Consent Agenda**

*(1 minute Michael Parker)*

*Items listed on the consent agenda are considered as a single motion. At the request of any Board member, or member of the public, items may be removed from the consent agenda and acted on by a separate motion. Items pulled from the consent agenda will be placed at the beginning of the general business agenda for discussion and action. Any Board member wishing to remove an item from the consent agenda should advise staff in advance.*

ACTION REQUESTED: Approve consent agenda.

**A. Minutes - August 26, 2020**

**B. Unsealing Closed Session Minutes**

**V. General Business Agenda**

*Items listed on the general business agenda are for discussion and possible action. Such designation means that the Board intends to discuss the general subject area of that agenda item before making any motion concerning that item.*

**A. Items Removed from the Consent Agenda**

*(1 minute Michael Parker)*

ACTION REQUESTED: Discuss and take action on any items removed from the consent agenda.

**B. Election of Board Officers 2020-2021**

*(5 minutes Michael Parker)*

ACTION REQUESTED: Approve current officers for a second, one-year term as recommended by Nominating Committee.

**VI. Other Business**

**A. President & CEO's Report**

*(15 minutes Charles Lattuca)*

Contracts

New Hires & Promotions

Temporary Service Adjustment

**1. COVID-19 Update**

*(5 minutes Eric Bergstraesser)*

**2. Capital Projects Status Report**

**Presentation - CRT Update**

*(10 minutes Katharine Eggleston)*

**B. Chair's Report**

*(5 minutes Michael Parker)*

**C. Board Member Reports**

**1. CAMPO Executive Board Representative**

*(5 minutes Will Allen III)*

**2. DCHC MPO Board Representative**

*(5 minutes Michael Parker)*

**3. Regional Transportation Alliance (RTA) Rep.**

*(5 minutes Will Allen III)*

**VII. Adjournment**

*(Michael Parker)*

**GoTriangle Board of Trustees**  
**Meeting Minutes**  
**August 26, 2020**  
Held Remotely via WebEx

**Board Members Present Remotely:**

Will Allen III	Valerie Jordan
Corey Branch	Mark Marcoplos
Sig Hutchinson	Michael Parker, Chair
Wendy Jacobs (arr. 12:18 pm)	Jennifer Robinson
Vivian Jones	Stefanie Williams

**Board Members Absent:**

Michael Fox (excused)	Steve Schewel (excused)
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Chair Michael Parker officially called the meeting to order at 12:01 p.m.

**I. Adoption of Agenda**

**Action:** On motion by Hutchinson and second by Jones the agenda was adopted. The motion was carried unanimously.

**II. Public Comment**

No comments.

**III. Consent Agenda**

**Action:** On motion by Allen and second by Jones the consent agenda was approved. The motion was carried unanimously.

The following consent agenda items were approved:

- July 22, 2020 – Regular Session Minutes;
- Authorized the President/CEO to award and execute a contract with Whitley Contracting Inc. for construction, installation of bus stop amenities, and other improvements at sixteen (16) GoDurham bus stop locations in the amount of \$298,295 and authorized a total contract budget of \$328,295 to include \$30,000 for project contingency; and
- Approved updated Title VI program and policies, which are attached and hereby made a part of these minutes.

**IV. General Business Agenda**

**A. Items Removed from Consent Agenda**

None.

**B. Legal Services Contract Award**

Tom Henry requested Board approval of contract with Kaplan Kirsch & Rockwell in Washington, DC for assistance with commuter rail work. He stated the firm was ranked first by the selection committee of the four proposals received. Henry added that the contract's not to exceed value is \$200,000 and is expected to be for two years.

**Action:** On motion by Allen and second by Branch the Board authorized the President/CEO to execute a contract for legal services with the firm of Kaplan Kirsch & Rockwell LLP, with a not-to-exceed value of \$200,000, to support GoTriangle in its role as sponsor of the Greater Triangle Commuter Rail (GTCR) project and provide the agency with supplemental legal expertise in the field of railroad law. The motion was carried unanimously.

**C. Lease to Durham County for Temporary Employee Parking**

General Counsel Curran explained that the Federal share in this property has been repaid as required by FTA due to the importance it could have for the commuter rail project. Durham County has asked for a temporary three-year lease on the property as they rebuild a parking deck. They will be responsible for design, engineering and construction and GoTriangle will retain ownership.

**Action:** On motion by Jones and second by Branch the Board authorized a lease with Durham County for a 1.83 acre lot owned by GoTriangle located at the northeast corner of West Chapel Hill Street and South Duke. The motion was carried unanimously.

**D. Nominating Committee Meeting**

Robinson offered the Nominating Committee report. She stated the Committee is recommending that the current officers serve a second term due to the changes and challenges GoTriangle has experienced this year. The election will be held in September.

**V. Other Business****A. President and CEO's Report**

A list of contracts approved by the President and CEO is attached and hereby made a part of these minutes. Included in the agenda was a report on the Durham County Transit Plan update and the FAST Study.

Lattuca highlighted the following items:

- Weekday ridership weekday is about half the pre-COVID levels. Weekend ridership is about 81% of the pre-COVID numbers.

Jacobs arrived.

- Staff continues to discuss with our partners the possibility of resuming fare collections, perhaps in October.

#### **1. COVID-19 Update**

Eric Bergstraesser stated that staff continues to monitor total number of riders on the buses in order to add trippers when necessary. He said all buses have mask dispensers and all buses except for the two Proterra electric buses have barriers installed. Bergstraesser said he continues to follow UVC light pilot programs to determine if the technology would be viable for GoTriangle. Additionally, GoTriangle is working with its air filtration manufacturer to add a different filter in the buses.

#### **2. Capital Projects Status Report**

Katharine Eggleston's update on the commuter rail project is attached and hereby made a part of these minutes.

Lattuca stated that a letter was received from Norfolk Southern, through NCRP, raising a host of issues that need to be addressed. He said staff is working with NCRP on a response and he is seeking a meeting with John Edwards from NS to discuss. He said one comment from NS is that they have a lot of studies going on in North Carolina and limited resources for those studies. He noted that GoTriangle's commuter rail study is the most advanced project right now and should be considered first.

Lattuca then reported on his research on Name the Train. He stated that in most cases this process was developed when service was being changed, an anniversary was being celebrated or a new service was being established in the next 12-18 months. He stated that it is a bit early for GoTriangle, with another 18 months of study, followed by a couple years for the EIS and then construction.

Parker reminded the Board of GoTriangle's Sponsorship & Naming Rights Policy, which opens up opportunities for revenue generation.

#### **B. General Counsel's Report**

General Counsel Curran reported that the Patterson Mill litigation, which was related to the D-O LRT project BOMF property, has been settled and dismissed. She stated that the plan is to wait until the Durham and Orange County transit plans have been updated to see if these properties are needed.

Curran stated that the RUS Bus project is making great progress; the BUILD grant has been signed and executed and the developer is working on the 30% designs for the transit facility. The Section 106 environmental review is going well. Construction is not slated to begin until 2022. The joint development agreement should be executed by year end.

**C. Chair's Report**

Chair Parker thanked GoTriangle staff for their hard work in difficult times. He suggested a future employee event to express appreciation.

**D. Board Member Reports**

**1. CAMPO Executive Board Representative**

Will Allen III reported that the group received an updates on the R.E.D. Priority Bus Lanes study and the Fayetteville-Raleigh Passenger Rail Study.

**2. DCHC MPO Board Representative**

Michael Parker reported that the MPO reviewed the 2050 MTP draft goals and objectives, which will be coordinated with CAMPO; amended the LPA for the Chapel Hill Transit NSBRT; and received updates on the two county transit plans and the FAST study.

**3. Regional Transportation Alliance (RTA) Representative**

Will Allen III reported that two events were held, the annual transportation breakfast which included a report on the FAST study and the zero fare study, and the I-40 regional partnership annual meeting.

**VI. Adjournment**

**Action:** Chair Parker the meeting was adjourned the meeting at 12:55 p.m.

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Michael Parker, Chair

Attest:

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Michelle C. Dawson, CMC  
 Clerk to the Board

## MEMORANDUM

**TO:** GoTriangle Board of Trustees  
**FROM:** Michelle Dawson, Clerk to the Board of Trustees  
**DATE:** September 9, 2020  
**SUBJECT:** Unsealing Closed Session Minutes

### Action Requested

Staff requests that the Board unseal the minutes as indicated below.

### Background and Purpose

Pursuant to Board policy, all closed session minutes are sealed immediately upon preparation, with a review of sealed closed session minutes and recommendation to the Board for unsealing. The Board last took action to unseal closed session minutes in December 2019.

Pursuant to the policy, and in consultation with the General Counsel, the following minutes are recommended to be unsealed (through December 31, 2019).

	Date	G.S. Reference	Agenda Topic
Board of Trustees	01/24/2018	143-318.11(a)(5)	D-O LRT ROMF litigation
Board of Trustees	02/28/2018	143-318.11(a)(5)	D-O LRT ROMF litigation
Board of Trustees	10/30/2019	143-318.11(a)(1) & (5)	Review of RFPs for RUS Bus developers

### Financial Impact

None

### Attachments

- None

### Staff Contact

Michelle Dawson, 919-485-7438, [mdawson@gotriangle.org](mailto:mdawson@gotriangle.org)



## CONTRACT WORK ORDERS – AUGUST 2020 ( < \$100K)

Contract #	Contractor (or subject if no contractor listed)	Contract Amount	Subject	Comments	President & CEO (Charles Lattuca) Date Executed	General Counsel (Shelley Curran) Date Executed
20-069	North Carolina Society of Hispanic Professionals, Inc.	\$2,000	Community Sponsorship Agreement	This contract provides for Sponsorship to the North Carolina Society of Hispanic Professionals, Inc. a nonprofit organization to help support outreach and promotion of the Wake Transit Priorities Survey. Term ends 8/28/2020	8/16/20	8/13/20
20-070	Meals on Wheels	\$2,000	Community Sponsorship Agreement	This contract provides for Sponsorship to the Meals On Wheels of Wake County, Inc. a nonprofit organization to help support outreach and promotion of the Wake Transit Priorities Survey. Term ends 8/28/2020	8/16/20	8/13/20
20-008	Hoffman & Associates	\$0	MOU Amendment Two	This agreement extends the MOU to 2/01/2021	8/20/20	8/20/20
20-048	GoCary	\$0	General Operating Agreement for Transit Plan Administration	This Agreement provides funds for Operating Agreement for Transit Plan Administration between GoTriangle and GoCary. Term ends 9/30/2021. FY21 budget \$556,714.	8/31/20	8/27/20
20-072	NCDOT	\$0	NCDOT Right of Way Encroachment Agreements	This contract provides for the NCDOT maintained streets Encroachment for the Wake County Bus Stop improvements. Term 8/30/2020 – 8/30/2021	8/31/20	8/31/20



## HR Board Report - September 2020

### **NEW HIRES**

- No new hires to report

### **PROMOTIONS**

- Robin Morrison – Bus Operator I – Bus Operator II
- Wesley Nelson – Bus Operator I – Bus Operator II

### **ANNIVERSARIES**

- Gerard Cuthbert, 10 years
- Randy Johnson, 15 Years

### **RECRUITING**

- IT Project Manager
- Public Involvement Associate

## MEMORANDUM

**TO:** GoTriangle Board of Trustees  
**FROM:** Planning and Capital Development  
**DATE:** September 9, 2020  
**SUBJECT:** Temporary service adjustment to RDU Airport and Research Triangle Park

### Strategic Objective or Initiative Supported

1.5 Maintain cost-effectiveness

### Action Requested

None

### Background and Purpose

At its March meeting, the GoTriangle Board of Trustees delegated to the president and CEO the authority to make service-change decisions as necessary to respond to the rapidly-unfolding coronavirus emergency.

To date, GoTriangle has implemented three sets of temporary service changes with approval from the president and CEO pursuant to this authority:

- Starting March 30, 2020 – as the initial implications of the coronavirus pandemic on ridership became clear, GoTriangle began running reduced service systemwide providing Saturday-level service Monday through Friday, and Sunday-level service on weekends. GoTriangle continued this reduced service level through Phase 1 of the state’s pandemic response.
- Starting May 26, 2020 – GoTriangle added trips to its core routes while keeping Saturday-level service on weekdays and Sunday-level service on weekends for others.
- Starting June 28, 2020 – GoTriangle returned to a modified regular schedule, with all routes running pre-pandemic schedules with the exception of the North Raleigh Express (NRX) and Routes 310 (Perimeter Park-Wake Tech RTP Campus) and 311 (Apex-RTC) which remain suspended.

With approval from the president and CEO, GoTriangle staff has initiated preparation for a fourth iteration of temporary service changes to begin on October 11, 2020 as described in the remainder of this memorandum.

GoTriangle ridership continues to be down due to the changing travel patterns due to the coronavirus pandemic. In August 2020, weekday ridership is 55% of February 2020 levels, while Saturday is 94% of February 2020 levels and Sunday is 88% of February 2020 levels.

GoTriangle staff continues to monitor ridership systemwide on all routes by time of day and day of week, and has identified the airport route as particularly well-suited for temporary service changes to respond to current patterns. The pandemic has had a big impact on air traffic. In June 2020, air travel at RDU Airport was down 84% for enplanements and deplanements compared to the same month in 2019. Air travel increased in July 2020, but was 77% of the previous year (Source: RDU Air Passenger Stats June/July 2020). Similarly, GoTriangle has seen ridership declines at RDU Airport bus stops since January 2020 with the most dramatic decline in April 2020. As has been widely reported, RDU does not expect air travel to return to pre-pandemic levels in the near future. Temporary changes to airport service (Route 100) to respond to this situation are described below starting October 11.

GoTriangle staff also continues to monitor commuting patterns through coordination with regional employers, institutions, and chambers of commerce. The Route 311 and the NRX are low ridership routes that serve Research Triangle Park from Apex and North Raleigh (Triangle Town Center), respectively. Travel demand to Research Triangle Park is low due to employers requiring employees to work remotely. Staff anticipates the continuation of the low travel demand until at least spring/summer 2021, when employers are expected to consider beginning to bring employees back to the office, and therefore will be extending the suspension of the NRX and Route 311 with the next round of temporary changes described below starting October 11.

Starting October 11, 2020 – in conjunction with other service changes previously approved by the Board of Trustees for routes 300, 305, 310, and 800/800S for fall 2020 implementation (June 2020 board meeting), GoTriangle will implement the following temporary service adjustments:

- Serve the airport with an RDU Shuttle from the Regional Transit Center every 30 minutes until 6:30pm Monday through Saturday
- Revise Route 100 to address high cost / low volumes for airport service by removing RDU Airport during the day, but continue to serve the airport after 6:30pm and on Sundays when service is hourly. Suspend Route 105 because it is merged with 100.
- Continue suspension of very low ridership commuter routes serving Research Triangle Park (keep NRX and 311 suspended)

These service adjustments are intended to be temporary to respond to the dramatic changes in ridership patterns during the coronavirus pandemic. The benefits of these changes are:

1. Increase productivity by better matching service with customer demand
2. Reduce cost to GoTriangle and Wake County Transit Plan
3. Provide a faster travel time for customers travelling between Raleigh and the Regional Transit Center, Durham and Chapel Hill



Route 100 customers travelling between Raleigh and the RTC will have a faster trip by 10 minutes (35 minutes rather than 45 minutes). In June and July 2020, just 7% of ridership between Raleigh and RTC utilized the RDU Airport stops. Thus, the faster trip will benefit the majority of customers travelling through the corridor (estimated at 650 trips per weekday in August 2020).

While customers from Durham, Chapel Hill, and Cary would not be affected because the current Route 100 service already requires a transfer at the Regional Transit Center, customers travelling from Raleigh to the airport (35% of the ridership) would no longer have a one-seat ride. In August 2020, this represented 22 trips per day. They would be required to travel to the RTC and transfer between buses and it would increase the overall one-way trip time from 30 minutes to 50 minutes.

Staff has analyzed the passenger loads that would result from the consolidation of Route 100/105 service, and there is adequate capacity on the remaining Route 100 trips given the current ridership accounting for lower target passenger loads for COVID/social distancing.

Staff will continue to monitor operations, route performance and customer feedback over the next few months. If staff considers one or more of these changes for extension beyond 12 months or to become permanent, staff would perform required Title VI analysis and public engagement in advance of bringing those changes forward for consideration by the Board of Trustees.

#### **Financial Impact**

These temporary changes will result in reduced expenses compared to FY21 budget.

#### **Attachments**

- None

#### **Staff Contact(s)**

- Katharine Eggleston, 919-485-7564, [keggleston@gotriangle.org](mailto:keggleston@gotriangle.org)
- Jennifer Green, 919-485-7529, [jgreen@gotriangle.org](mailto:jgreen@gotriangle.org)



## MEMORANDUM

**TO:** GoTriangle Board of Trustees  
**FROM:** Capital Development  
**DATE:** September 9, 2020  
**SUBJECT:** Capital Projects Status Report

### Strategic Objective or Initiative Supported

2.4 Ensure an attractive and accessible transit environment

### Action Requested

None

### Background and Purpose

The Wake, Durham, and Orange transit plans and the GoTriangle Capital Improvement Program include funds to support planning, development, and delivery of transit capital infrastructure projects ranging from bus stop amenities to commuter rail infrastructure. This report includes a brief snapshot of the status, upcoming activities, and notable risks to on-time/on-budget delivery for active capital projects. The report is organized into the following sections:

- Bus Passenger Facilities
- Bus Operations and Maintenance Facilities
- Rail Transit Infrastructure Development

### Financial Impact

None

### Attachments

- None

### Staff Contact(s)

- Katharine Eggleston, 919-485-7564, [keggleston@gotriangle.org](mailto:keggleston@gotriangle.org)

This report is updated monthly. New/updated information from the previous month's report is shown in underlined green text.

## Bus Passenger Facilities

### Projects Under Construction

#### **GoDurham Bus Stop Improvements (18DCI CD4)**

Description – This project includes site selection, design, and construction of passenger amenities at [21](#) bus stops in the GoDurham system.

Status – [Construction at 20 stops is substantially complete. The Glenn View Station stop \(pictured\) went into service on September 7, and ribbon cutting ceremony took place on September 8.](#)

Upcoming Activities – [Landscaping at Glenn View Station and](#) right-of-way acquisition and preparation for construction procurement for the remaining stop is scheduled to be completed in the coming months.



#### **Park-and-Ride Improvements in Wake County (Short-Term) (TC002-K)**

Description – The Wake Transit Plan includes funding for short-term improvements to existing park-and-ride locations, in anticipation of more substantive investments that may be identified through the park-and-ride feasibility study. One such improvement is currently in construction; this project includes relocating the existing park-and-ride at the Hilltop Shopping Center in Fuquay-Varina to Wake Tech’s campus. This will allow FRX passengers to access Wake Tech directly. This project is budgeted in the Wake Transit Plan for FY20.

Status – GoTriangle’s work on the shelter installation at the Wake Tech Fuquay-Varina campus is complete. This park-and-ride is scheduled to enter service [on October 12.](#)

Upcoming Activities – GoTriangle will communicate with riders about the upcoming change to the park-and-ride location.

### Projects in Design

#### **Patterson Place Improvements (18GOT CD4)**

Description – Nearly 200 riders per day board buses at the existing transfer point and park-and-ride at Patterson Place, which is served by GoTriangle route 400 and GoDurham routes 10 and 10A. This project includes new/additional concrete shelter pads and shelters on Witherspoon Boulevard and McFarland Drive in Patterson Place, landscaping improvements, and a curb-radius improvement to allow buses to turn right from southbound Witherspoon Boulevard onto westbound McFarland Drive to reduce bus travel time and serve additional future park-and-ride spaces.

Status – Design is underway. GoTriangle staff met with the property owner in late November to discuss the design of the passenger waiting amenities and associated property needs, and the consultant has developed additional drawings necessary for further coordination with the property owner. [Owner reviewed and provided feedback on the pocket park concept plan.](#)

Upcoming Activities – [Right-of-way issue resolution will be completed pending coordination with City.](#)

#### **Hillsborough Park-and-Ride (18GOT CD8)**

Description – This project includes site selection, real estate acquisition, design, and construction of a permanent park-and-ride for GoTriangle route ODX in Hillsborough. Park-and-ride utilization at the current leased lot for the ODX in Hillsborough is approximately 15 spaces per day. The original plan for the new lot included 35-50 spaces across two parcels of land; right-of-way for the full facility was

acquired, however due to increased construction cost estimates, the scope was reduced to 31 spaces to allow for some growth in utilization while deferring full build-out to a future phase.

Status – The design is currently advancing through the plan approval process with Orange County, and the design consultant is coordinating resolution of utility conflicts. Staff and outside counsel have identified the need for additional real estate agreements related to use of property that had previously been identified as an existing undeveloped right-of-way within the site, and are currently coordinating with Orange county staff to evaluate the procedural steps and time required to resolve.

Upcoming Activities – Plan approval is expected within 60 days following resolution of the real estate issue. Orange County will schedule a Neighborhood Information Meeting when final plans are available, to inform neighbors of the upcoming construction project.

Schedule Risks – As noted above, a need for additional real estate agreements was identified during site plan review. Coordination with Orange County and NCDOT staff to resolve this is ongoing. The schedule for plan approval and turnover of the project to Orange County for construction is dependent on resolution of the real estate issue. Coordination with Orange County and NCDOT has been delayed due to COVID-19.

#### **GoTriangle Bus Stop Improvements in Orange County (18GOT CD12)**

Description – This project includes site selection, design, and construction of passenger amenities at up to 10 bus stops in the GoTriangle system within Orange County.

Status – Designs for four stops is complete and have been turned over to Orange County for permitting and construction; NCDOT approval for those stops is complete. [Designs for two additional stops are underway.](#)

Upcoming Activities – GoTriangle [expects to complete design for six stops in the coming months.](#)

#### **GoTriangle Bus Stop Improvements In Wake County (TC002-L/M/Y)**

Description – The Wake Transit Plan includes funding for improvements at existing and new GoTriangle bus stops throughout Wake County.

Status – A task order for design of 23 stops was issued in early May, and [design and NCDOT permitting is nearly complete.](#)

Upcoming Activities – [Preparation for construction will begin this fall.](#)

#### **GoTriangle Bus Stop Improvements in Durham County (18GOT CD7)**

Description – This project includes site selection, design, and construction of passenger amenities at up to 10 bus stops in the GoTriangle system within Durham County.

Status – Removal and replacement of the two existing bus shelters along the eastbound side of NC 54 opposite the Boxyard project is complete; [coordination with RTP regarding stop improvements at the future HUB site is underway.](#) Planning activities for additional GoTriangle bus stop improvements in Durham County are underway, including coordination with the [Durham VA Medical Center and](#) Duke University regarding stops on Erwin Road and on campus.

Upcoming Activities – GoTriangle will continue to coordinate with RTP regarding the westbound stop at the Boxyard [and HUB RTP](#), and will initiate design of additional stops upon completion of scoping.

#### **GoDurham Bus Stop Improvements (20GOT CD2)**

Description – This project includes site selection, design, and construction of passenger amenities at 50 bus stops in the GoDurham system.

Status – The City of Durham has approved construction drawings for 35 stops, with an additional 14 stops under review. GoTriangle has initiated amenities purchases for shelters, benches, and trash receptacles. Construction [contracting](#) is underway for the first group of 16 stops, [construction preparation is](#)



underway for a subsequent group of 14 stops, and GoTriangle is mobilizing real estate acquisition resources to prepare for the remainder of the stops.

Upcoming Activities – Construction for the first package of stops is scheduled to begin in October. Completion of design, plan, approval, right-of-way acquisition, and construction procurement for the remaining groups of stops is planned to continue through the remainder of the fiscal year.

#### **Raleigh Union Station Bus Facility (TC002-A)**

Description – This project includes publicly-funded design and construction of an eight-bay off-street bus facility and related transit access improvements adjacent to Raleigh Union Station in downtown Raleigh, in conjunction with privately-funded mixed-use air rights development above the bus facility. The project was awarded a \$20 million BUILD grant from the US Department of Transportation (USDOT).

Status – The 30 percent design of the Transit Facility is continuing to move forward with good feedback from the development team. The predevelopment agreement has been finalized and work continues to reach the final Joint Development Agreement. Coordination with FTA, City of Raleigh, SHPO, NCDOT and other stakeholders is ongoing to confirm third-party requirements affecting the project definition.

Upcoming Activities – Coordination activities, design progress meetings, and agreement negotiations will continue on the project. The 30 percent design phase of the transit facility is scheduled for completion by the end of this calendar year.

Schedule Risks – The structure of the delivery approach for the project is complex, and will require coordination and partnership with FTA region IV and headquarters staff to ensure grant requirements are appropriately met and documented as the contracting process with the development partner progresses. As such, a detailed schedule with realistic durations for each task will be developed and actively managed going forward.

Cost Risks – Engagement with a development partner is critical to begin advancing design to obtain a more detailed basis to refine cost estimates and obtain a clear cost risk profile for the project. Key cost risk areas include unknown geotechnical conditions, uncertain historic preservation requirements, final rezoning commitments, and design details.

#### **Projects in the Planning Phase**

##### **Park-and-Ride Improvements in Wake County (Short-Term) (TC002-K)**

Description – The Wake Transit Plan includes funding for short-term improvements to existing park-and-ride locations, in anticipation of more substantive investments that may be identified through the park-and-ride feasibility study. One such improvement is currently in the planning phase; this project includes signs, markings, and passenger amenities at a new/replacement leased park-and-ride for GoTriangle route WRX at a new location to be determined.

Status – GoTriangle signed a lease agreement with the Town of Wake Forest to lease the SunTrust lot until June 30, 2021. A bus stop has been added at this location.

Schedule Risks – Ongoing coordination with GoRaleigh and Wake County to identify a new location off US 1 halted because of COVID 19.

##### **I-540 Bus On Shoulder (TC002-BC)**

Description – This project will design, purchase, and install signage along the northwest leg of I-540 to facilitate Bus on Shoulder implementation. GoTriangle's NRX route would benefit by the ability to use the shoulder during times of heavy traffic.

Status – NCDOT has completed sign designs, cost estimates, and plans.

Upcoming Activities – GoTriangle staff is preparing for procurement of sign fabrication and installation.





**Regional Transit Center Feasibility Study (TC002-N)**

Description – The Regional Transit Center (RTC) is the primary hub for GoTriangle regional bus services connecting Wake, Durham, and Orange Counties. The current location of the RTC on Slater Road in Durham creates overlapping routes leading to inefficiency. This feasibility study is evaluating location options that improve route efficiency and improve passenger amenities.

Status – Initial public engagement, including a web and social media presence and a survey was completed in June as a part of GoTriangle’s virtual engagement initiative. Identification of site operational requirements is complete. The consulting team [has identified](#) and [screened](#) initial alternative sites that meet those criteria and [prepared preliminary evaluation criteria for each of those sites in coordination with GoTriangle](#). Three virtual workshops with stakeholder groups have been conducted to date. [Review of the site selection evaluation and stakeholder engagement is ongoing](#).

Upcoming Activities – Staff and the consulting team will finalize [identification of improvements at the identified alternative sites](#), and complete virtual workshops with stakeholders. Remaining tasks include evaluation of alternative sites, selection of a preferred site and development of conceptual site layouts for the preferred site.

Schedule Risks – The primary risk to continued progress is potential postponement of community/rider and stakeholder engagement related to COVID-19.

**Wake Transit Long-Term Park-and-Ride Feasibility Study (TC002-O)**

Description – This feasibility study will assess potential locations for park-and-ride facilities throughout Wake County. Many municipalities within the county have expressed a desire for a park and ride facility to meet the long-term needs of residents. While many communities currently lease space in existing lots, mainly within commercial developments, their locations lack amenities and proximity to major thoroughfares. This study will determine the best location for park-and-ride lots in the county.

Status – Initial public engagement, including a web and social media presence and a survey was completed in June as a part of GoTriangle’s virtual engagement initiative. Search criteria for new park and rides in Northern Wake and West Raleigh, identified in the Wake Bus Plan, have been finalized. [The consulting team has identified and screened initial alternative sites for the two new park and rides that meet those criteria and prepared preliminary evaluation criteria for each of those sites in coordination with GoTriangle](#). [Review of the site selection evaluation and stakeholder engagement is ongoing](#).

Upcoming Activities – Remaining tasks for the existing GoTriangle park and ride lots include identification and screening of alternatives for potential park and ride lot expansion, relocation, and or new opportunities. Remaining tasks for the two new park and ride lots in Northern Wake and West Raleigh, include evaluation of alternative sites, selection of a preferred site, and development of a conceptual design for the preferred site.

Schedule Risks – The primary risk to continued progress is potential postponement of community/rider engagement related to COVID-19.



## Bus Operations and Maintenance Facilities

### Projects in the Design Phase

#### Paratransit Office Space Upfit (TC002-J)

Description – This project will upfit office space and the parking lot at the Plaza building to facilitate moving Paratransit operations from the Nelson Road Facility.

Status – The consultant has completed a preliminary design and construction cost estimate for the upfit, and the project is proceeding through the Design Development phase. GoTriangle staff is preparing a full-project budget analysis to plan for fixtures, furnishings, equipment, technology and other considerations of the full-project implementation.

Upcoming Activities – GoTriangle and the consultant will update the construction cost estimate and overall project budget at completion of Design Development. Grant funding reporting will begin in the coming months.



## Rail Transit Infrastructure Development

### Greater Triangle Commuter Rail Study (19GOT\_CO2/20GOT\_CD1/TC004-A)

Description – This study is evaluating feasibility of a potential commuter rail service between Mebane and Selma within the existing North Carolina Railroad Company corridor. A first phase, which is substantially complete, evaluated operational requirements, infrastructure needs, capital and operating cost estimates, and ridership modeling. The additional work will refine the project definition; engage community members, municipalities, and institutional stakeholders; and better understand critical project success factors. This further study will conduct preliminary engineering analysis in areas of concern along the corridor, model rail traffic on the corridor with the inclusion of commuter rail to better define infrastructure needs, and better refine cost and ridership estimates.

Status and Upcoming Activities – GoTriangle staff, consultants, and project partners have finalized documentation of the initial phase of study. As of April 6, all parties to the Memorandum of Understanding in Support of Continued Development of the GTCR Project, including Johnston county, have voted to proceed with further study. Authorizations for additional consultant support were approved by the GoTriangle Board in May. Study activities across a range of tasks were initiated in June and were ongoing [through the summer](#). Priority early activities in the second phase of work are as follows:

- Coordination with North Carolina Railroad Company (NCRR), Norfolk Southern, CSX, and NCDOT Rail Division to initiate rail network modeling by Norfolk Southern. [GoTriangle is developing responses to feedback from Norfolk Southern on the initial modeling agreement, and](#) NCRR is working to convene a kickoff meeting in [September](#).
- Engagement with “resource partners” including local governments, institutions, and other regional partners to develop coordination plans for this phase of work. GoTriangle held individual meetings with each municipal partner in June and July to develop coordination plans; continued individual meetings are scheduled to continue throughout the remainder of the study period to facilitate geographic-specific coordination. An initial group meeting with local government and institutional partners together [was held in August](#); this will also be a monthly series of meetings. Direct engagement with economic development practitioners and the real estate development community specific to the economic development component of the study [will begin in September](#).
- Preparation for an initial round of community engagement, which will be performed primarily online depending on the duration of distancing requirements and norms related to COVID-19.
- Development of a detailed schedule and project execution plan for this phase of work. The initial baseline schedule is complete.

Schedule Risks – To date, it appears that primary risks to timely completion of the next steps are related to coordination with entities that are not party to the MOU (e.g. railroads, municipalities, affected major institutions), identification and resolution of competing/conflicting stakeholder goals, and satisfactory engagement with the public under COVID restrictions. These are key priorities with the next steps defined in the MOU.

Cost Risks – To date, it appears that primary risks to setting a budget within the range of \$1.4B to \$1.8B identified during this phase of study for the Durham-Garner project concept are related to the infrastructure requirements resulting from rail network modeling and related negotiation, design for engineering solutions to engineering constraints in downtown Durham and downtown Cary, and quantification of necessary levels of contingency required to address FTA risk management guidelines. These are key priorities with the next steps defined in the MOU.

