

# WAKE TRANSIT PLAN

Transit Planning Advisory Committee

TPAC REGULAR MEETING

June 14, 2023

9:30AM – 12:00PM

**GO FORWARD**  
A COMMUNITY INVESTMENT IN TRANSIT

# I. Welcome and Introductions

David Eatman, TPAC Chair

## II. Adjustments to the Agenda

David Eatman, TPAC Chair

### III. General Public or Agency Comment

Reminder: Public comments are limited to 3 minutes.

David Eatman, TPAC Chair

## IV. TPAC Meeting Minutes

### Attachment A

#### Requested Action:

Consider adoption of the drafted May TPAC meeting minutes.

David Eatman, TPAC Chair

## V. Discuss TPAC Meeting Schedule

Recommendation:	
July Meeting	Cancel
August Meeting	Move to 3 <sup>rd</sup> week (16 <sup>th</sup> ) for deliverables timing
September meeting	In-person at CAMPO for Work Plan kick-off

David Eatman, TPAC Chair

## V. Discuss TPAC Meeting Schedule

### Requested Action:

Set the July and August 2023 meeting schedule and option to hold September meeting in person.

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# VI. FY23 Period of Performance Extension Requests

## Attachment B

Evan Koff, CAMPO

# VI. FY 2021, Q4 Work Plan Amendment Requests

## Summary of Special Period of Performance Schedule

FY2023 Wake Transit Work Plan Amendment Schedule									
Cycle	Amendment Type	Submission Deadline	Public Review Period Start	Joint B&F/P&P Review	Public Review Period Ends	TPAC Recommends Work Plan Amendment(s) to Governing Boards	CAMPO TCC Recommendation of TIP* & Work Plan Amendment(s)	CAMPO Executive Board Approves TIP* & Work Plan Amendment(s)	GoTriangle Board of Trustees Approves Work Plan Amendment(s)
2nd Qtr	Major	August 26, 2022	Sept. 1, 2022	September 22, 2022	September 30, 2022	October 12, 2022	November 3, 2022	November 16, 2022	November 16, 2022
	Minor		Sept. 1st to 15th						
3rd Qtr	Major	December 2, 2022	Dec. 9, 2022	December 15, 2022	January 9, 2023	January 18, 2023	February 2, 2023	February 15, 2023	February 22, 2023
	Minor		Dec. 9th to 23rd						
4th Qtr	Major	February 28, 2023	March 6, 2023	March 23, 2023	April 5, 2023	April 19, 2023	May 4, 2023	May 17, 2023	May 24, 2023
	Minor		Mar. 6th to 20th						
POP	Special POP Cycle***	May 26, 2023	No public or subcommittee review for special POP amendment cycle.			June 14, 2023	August 3, 2023	August 16, 2023	August 23, 2023

\* Some Wake Transit Work Plan amendments will also require a CAMPO Transportation Improvement Program (TIP) amendment. In the event that the TIP amendment schedule does not align with the Work Plan amendment dates, or other factors, such as required air conformity determinations, will delay TIP amendment considerations, the CAMPO TCC and Executive Board will consider those amendments for approval at the soonest opportunity.

\*\* Some meeting dates around the 2022 holiday season and for the 2023 calendar year have yet to be set. The dates reflected on this schedule are based on previous recurring meeting cycles, but may be adjusted once the TPAC, TCC and governing boards approve next year's meeting calendars.

\*\*\* The special amendment request cycle for Period of Performance (POP) extension requests was recommended by the TPAC as part of the Wake Transit Work Plan Amendment Policy update expected to be adopted by the Wake Transit governing boards in fall 2022. This 4th scheduled amendment cycle ONLY allows POP extension requests for projects with agreements set to expire in the upcoming fiscal year. These requests are not subject to the public or subcommittee review processes prior to TPAC consideration.

# VI. FY 2021, Q4 Work Plan Amendment Requests

## Summary of Period of Performance Extensions

Agency	Contract Number	WTWP Project ID	Project Title	Original Allocation	Additional WTWP Amendments	Funds Remaining to Re-Encumber	Recommended Extension	Funding / Scope Impact	Reason for Major/Minor Amendment Status
City of Raleigh	20-053	TC005-A1	Bus Rapid Transit - Project Development	\$28,720,000	+\$13,650,000	\$37,367,195.16	(12/31/2025)	None	MINOR AMENDMENT: Extension of project agreement period of performance and re-encumbrance of funds
	21-020	TC001-J	Paratransit Replacement Vehicles	\$380,000		\$123,605.76	(12/31/2024)	None	MINOR AMENDMENT: Extension of project agreement period of performance and re-encumbrance of funds
	21-019	TC002-AQ	Pleasant Valley Shopping Center Transfer Point Improvements	\$152,421		\$144,208.02	(12/31/2024)	None	MINOR AMENDMENT: Extension of project agreement period of performance and re-encumbrance of funds
		TC002-AO	WakeMed North Transfer Point Improvements	\$152,421		\$149,255.58	(12/31/2024)	None	MINOR AMENDMENT: Extension of project agreement period of performance and re-encumbrance of funds
		TC002-AN	Capital / Millbrook Transfer Point Improvements	\$152,421		\$134,654.02	(12/31/2024)	None	MINOR AMENDMENT: Extension of project agreement period of performance and re-encumbrance of funds
		TC002-AH	Hillsborough / Jones Franklin Transfer Point Improvements	\$246,000		\$246,000.00	(12/31/2024)	None	MINOR AMENDMENT: Extension of project agreement period of performance and re-encumbrance of funds
		TC002-AE	Hillsborough / Gorman Transfer Point Improvements	\$246,000		\$246,000.00	(12/31/2024)	None	MINOR AMENDMENT: Extension of project agreement period of performance and re-encumbrance of funds
		TC002-AD	Construction of Cross Link / Rock Quarry Transfer Point Improvements	\$246,000		\$246,000.00	(12/31/2024)	None	MINOR AMENDMENT: Extension of project agreement period of performance and re-encumbrance of funds
Town of Morrisville	20-058	TC002-BF	Bus Stop / Node Improvements for Smart Shuttle	\$248,000		\$152,202.04	(12/31/2025)	None	MINOR AMENDMENT: Extension of project agreement period of performance and re-encumbrance of funds
GoTriangle	21-017	TC002-Y	Systemwide Bus Stop Improvements	\$64,800		\$64,800.00	(12/31/2025)	None	MINOR AMENDMENT: Extension of project agreement period of performance and re-encumbrance of funds

*More detail of each request is available in Attachment B.*

## VI. FY23 Period of Performance Extension Requests

### Requested Action:

Recommend Wake Transit governing board approval of 10 requested period of performance extensions for project agreements set to expire in FY2024

## ROLL CALL VOTE:

1. May TPAC Meeting Minutes

2. Setting the July and August Meeting Schedule and September format

3. Recommendation of POP Extension requests

## VII. Two (2) Capital Project Progress Updates

A. Raleigh Union Station (RUS Bus)  
and

B. Expansion of Bus Operations and Maintenance Facility

Requested Action:

Receive as Information

# A. Raleigh Union Station (RUS Bus) Update

Bryan Hammond, GoTriangle

PLANNING & PROGRAMMING ITEM

**GO FORWARD**  
A COMMUNITY INVESTMENT IN TRANSIT

# Raleigh Union Station Bus Facility (RUS Bus)

WAKE TRANSIT PLANNING  
ADVISORY COMMITTEE  
JUNE 2023



# Project Schedule

Major Milestone	2018	2019	2020	2021	2022	2023	2024	2025	2026
BUILD Grant Awarded	★								
Planning & Environmental Review									
Preliminary Engineering									
Final Design									
Remediation, Demolition & Sitework									
Vertical Construction									
Private Development Construction									
Bus Facility Opens for Revenue Service								★	



# Construction

# Success Starts with Teamwork



GoTriangle, RB Infrastructure, RK&K (GDOC), Foss Demolition, Roadworks Construction, NCDOT Facilities, Raleigh Union Station, Clancy & Theys

Before



Sept 19, 2022



## Phase 1 Construction: Remediation, Demolition & Sitework

After



May 5, 2023

# Phase 1 Construction Activities

- Phase 1 Developer General Contractor: Clancy & Theys
- Traffic Control
- Utility Decommissioning
- Asbestos Abatement
- Site Mobilization/Fencing
- Temporary Shoring
- Demolition
- Site Grading and Ground Stabilization
- Erosion and Sediment Control (continues to Phase 2)
- Site Monitoring (continues to Phase 2)



Construction Began  
**April 14, 2022**



# Minority Business Participation

## Phase I Construction: Demolition, Remediation, Sitework

Construction Contract	General Contractor: Clancy & Theys Construction	DBE Subcontractor: Roadworks Construction Co., LLC
<b>General Contract:</b> Selective Demolition, Remediation, Sitework and Utilities, Restoration	\$2,277,205	
<b>Sitework Subcontract</b> Earthwork, Hauling, Stabilization, Sediment/Erosion Control		\$569,301
<b>DBE Amount and Percentage</b>	<b>\$569,301</b>	<b>25%*</b>

Connect NCDOT BUSINESS PARTNER RESOURCES			
ROADWORKS CONSTRUCTION COMPANY LLC	2400 RELIANCE AVENUE, SUITE B APEX, NC 27539	CHERYL BIAGINI 860-881-0044 <a href="#">Email</a>	DBE, WBE, HUB



**25% Participation by NCDOT Certified DBE**

***\*Subcontractor DBE approximate amount: Final Percentage will be confirmed during closeout and reconciliation***

## 20-Second Building Demolition Time-lapse



Press the Triangular Start Button at Bottom Left of Video

## Phase 2 Construction Activities

- Phase 2 Developer General Contractor: John Moriarty and Associates
- Phase 2 construction activities anticipated to begin in **Fall 2023**:
  - Site mobilization
  - Grading
  - Test piles
  - Deep Foundations (Piles)
- Phase 2 construction activities anticipated to begin in **Spring 2024**:
  - Foundations (Pile caps)
  - Vertical construction




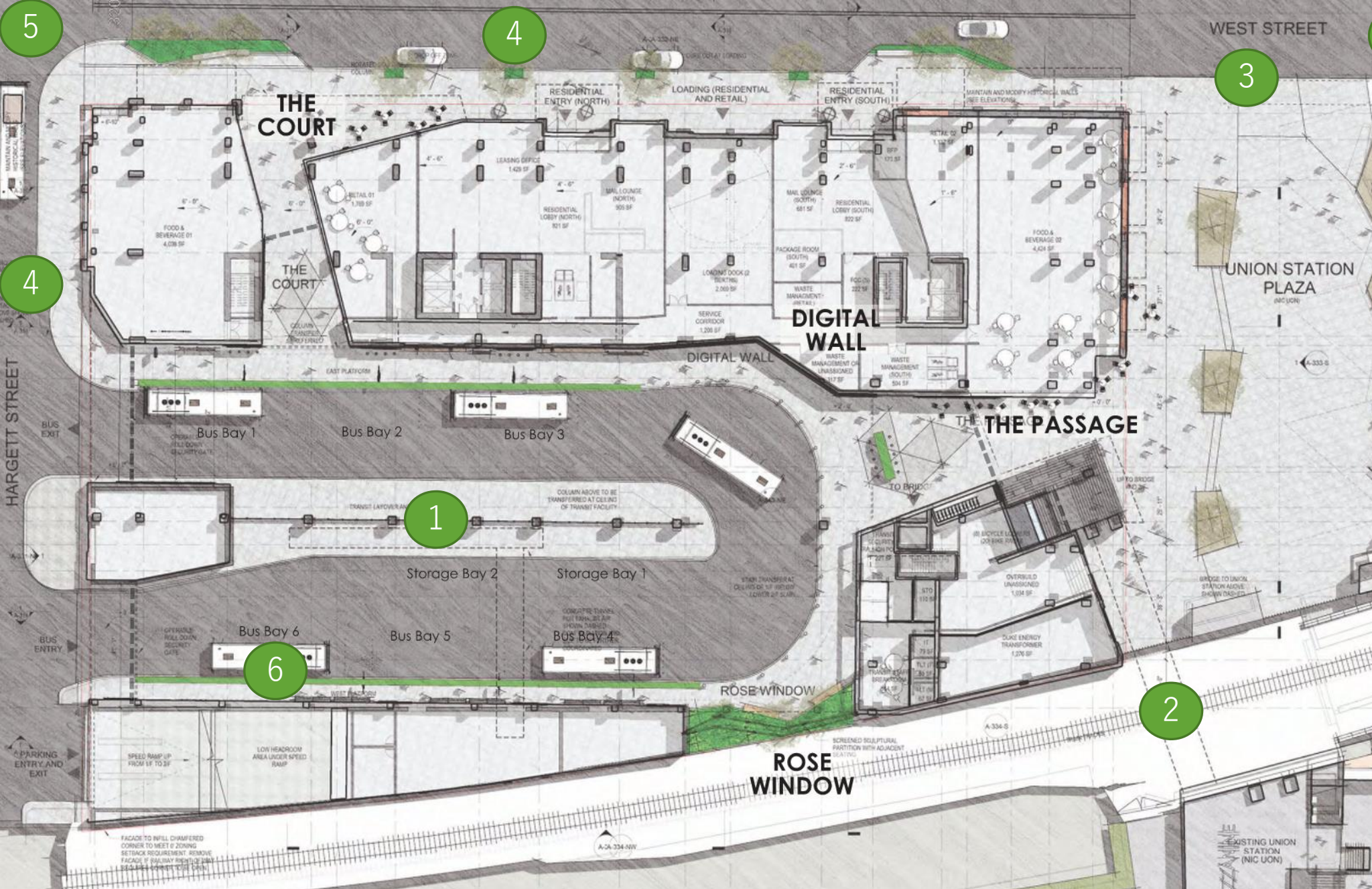


## Project Scope

# Scope of Work: Public Transit Facilities



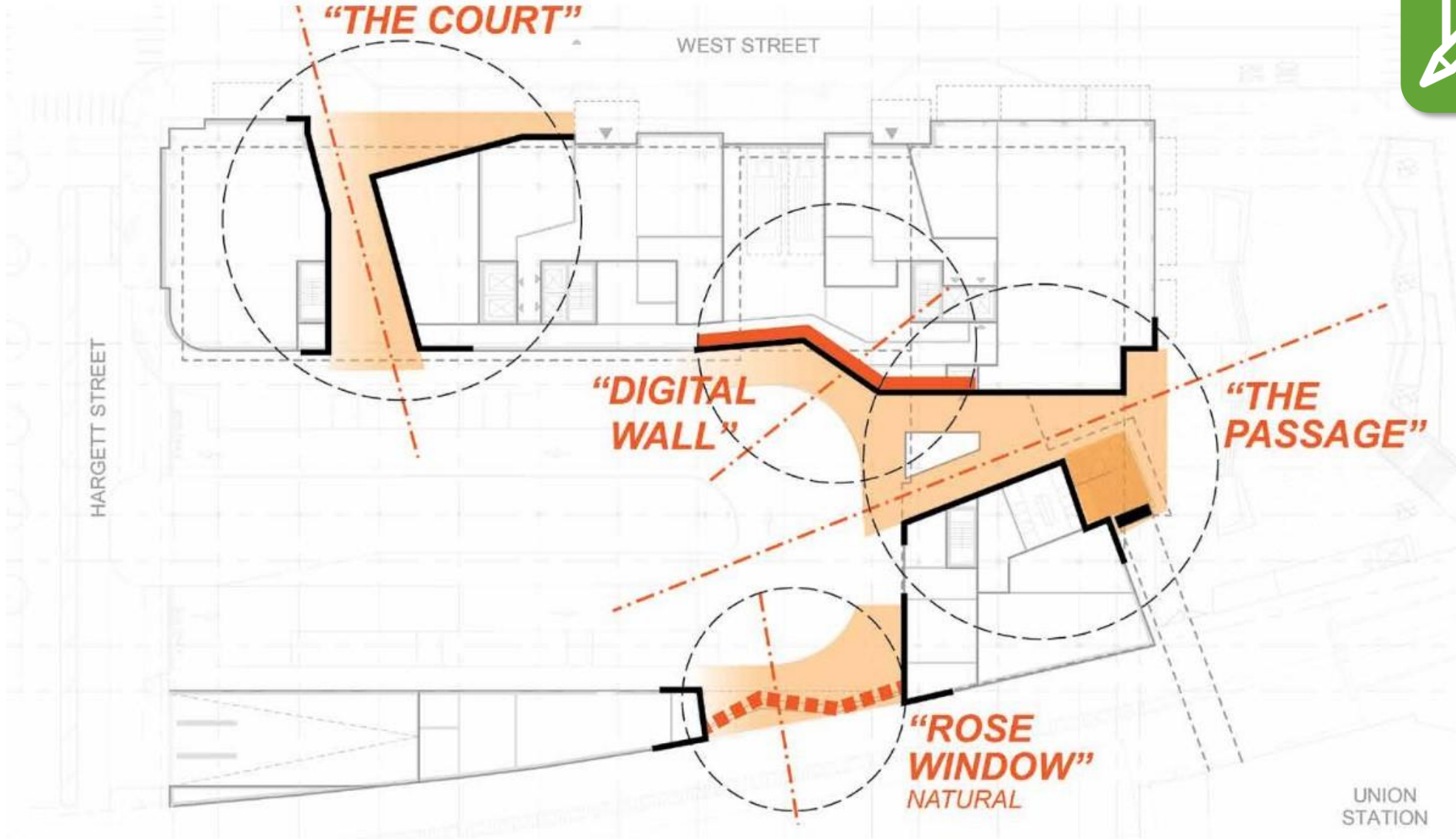
- Demolition, Remediation, Sitework & Utilities Construction 
- Off-Street Bus Facility
- *Enhanced Grade-Separated Rail Crossing for Pedestrians (VE Option)*
- Bus Rapid Transit Station Infrastructure
- Hargett, West, and Martin Street Improvements
- Traffic Signals at Two Intersections
- Low/No Emission Rolling Stock
- Tactile Wayfinding & Accessibility Enhancements

The logo for Transit Scope, featuring the word "transit" in a lowercase sans-serif font and "SCOPE" in an uppercase sans-serif font, both in white on a green background.

1. Off-Street Bus Facility
2. Enhanced Grade-Separated Rail Crossing for Pedestrians
3. Bus Rapid Transit Station Infrastructure
4. Hargett, West, and Martin Street Improvements
5. Traffic Signals at Two Intersections
6. Low/No Emission Rolling Stock

*Location to be defined:*  
Tactile Wayfinding &  
Accessibility Enhancements

# Key Focal Points




# Façade Signage



DESIGN  
DEVELOPMENT  
CONCEPTS



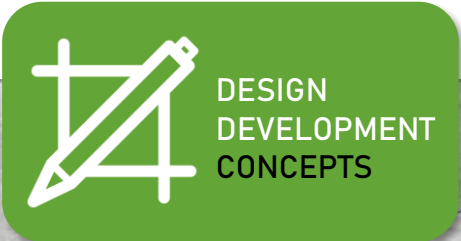
# West Street Pick-Up/Drop-off



DESIGN  
DEVELOPMENT  
CONCEPTS

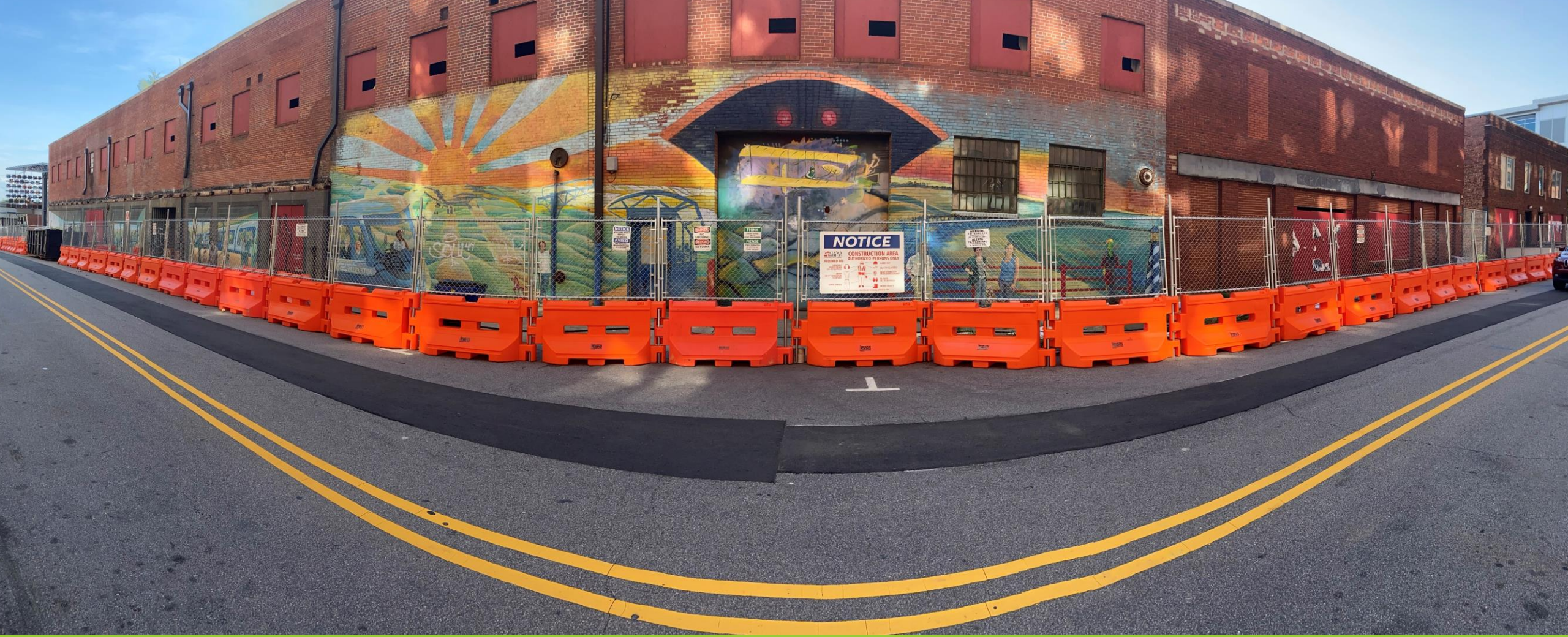


# Interior Bus Facility



# Interior Bus Facility Platforms





THANK YOU

# B. Expansion of Bus Operations and Maintenance Facility Project Update

Jay Heikes, GoTriangle

PLANNING & PROGRAMMING ITEM

**GO FORWARD**  
A COMMUNITY INVESTMENT IN TRANSIT

# GoTriangle BOMF Renovation and Expansion

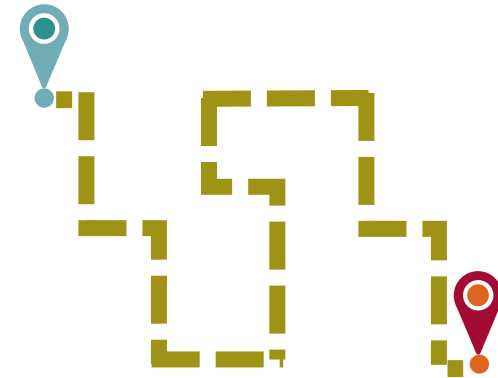
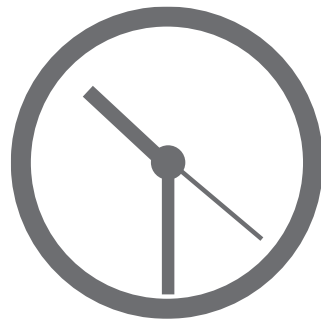
## TPAC Update

### June 2023



# Project Context

- GoTriangle maintenance facility is at capacity
- Transit plans include expansion service and more revenue miles
- Proactive planning is necessary to ensure facility capacity does not limit ability to deliver service



# Goals

- Create additional capacity for:
  - Maintenance
  - Daily servicing
  - Larger workforce
- Improve physical environment for O&M staff
- Minimize impact to Operations during construction

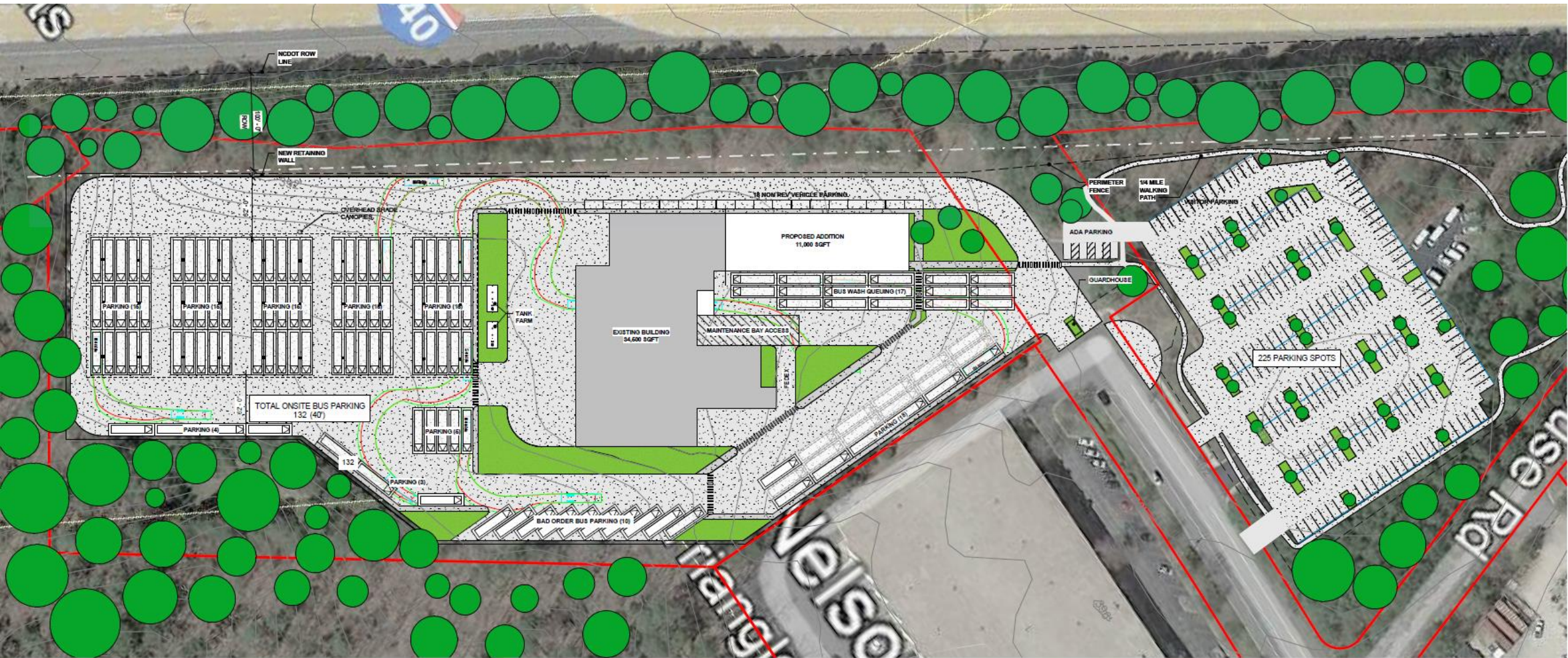


# Fleet and Facilities Study:



- Data Collection: Projected future fleet needs
- Analysis of optimal facility size and location
- Finding: Expanding Nelson Road facility is feasible and cost effective
- Develop and refine program and test-fit
- Develop and refine program level concept design
- Develop 15% schematic design, including cost estimate and timeline

# Concept Design



# Major Scope Elements and Assumptions

- Expanded Maintenance, servicing and storage capacity for fixed route buses
- Improved access and circulation
- Flexibility to service 60-foot articulated buses
- Flexibility to continue servicing Paratransit vehicles
- Expanded staff parking area for expanded operations





# Rendering



# Cost Estimate and Timeline

**Project Development / Design:** \$7,000,000 FY23-25

**Construction:** \$33,000,000 FY26-28

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**TOTAL: \$ 40,00,000**

Includes contingency and escalation



# Next Steps

- Determine project delivery method
- Preliminary design
- Environmental review
- Federal grant applications
- Final design
- Construction (FY26 target)





Questions

## X. Other Business

(Please refer to the agenda for more details on these items.)

- Recommended **FY2025-2030 Wake Bus Plan** public hearing is scheduled for the June 21<sup>st</sup> CAMPO Board meeting and is anticipated to be adopted by the CAMPO and GoTriangle Boards in August
- Recommended **FY2024 Wake Transit Work Plan** public hearing is also scheduled for the June 21<sup>st</sup> CAMPO Board meeting and is anticipated to be adopted by the CAMPO and GoTriangle Boards in June

## X. Other Business

(Please refer to the agenda for more details on these items.)

- Over the next couple of months, CAMPO staff will work with partners to draft a project progress and expenditures memo to be considered during the FY2025 Work Plan development process which kicks off in September.
- The FY2023/4<sup>th</sup> Quarter progress report, Attachment C, is also provided on the Wake Transit SharePoint site.

## X. Other Business

(Please refer to the agenda for more details on these items.)

- The draft **FY2024 Work Plan Amendment Schedule**, Attachment D, is provided for review. The Q2 cycle dates are set with the deadline to submit requests on August 25<sup>th</sup>.

Note: CAMPO and GoTriangle meeting dates for future cycles are based on current meeting schedules and will be confirmed closer to the new year.

## X. Other Business

(Please refer to the agenda for more details on these items.)

- The process to draft the **FY2024 Wake Transit Activities Master Calendar** is underway. TPAC and subcommittee members will have opportunities to participate in the process over the next couple of months.
- GoTriangle will be hosting the **annual Wake Transit community engagement after-action review** on August 2<sup>nd</sup>. TPAC members are encouraged to attend.

# IX. TPAC Subcommittee Report

## Upcoming Subcommittee Meetings:

Subcommittee	Program Development	Community Engagement
Chair(s)	Kevin Wyrauch, Town of Cary	R. Curtis Hayes, GoTriangle
Vice Chair(s)	Shavon Tucker, City of Raleigh	Bonnie Parker, CAMPO
Next Meeting	6/27 – 1:30-3:30	6/29– 1:30-3:00pm ) (5 <sup>th</sup> week of the month)

# XI. Adjourn

Next TPAC Meeting:

August ?, 2023