



NC Capital Area **Metropolitan Planning Organization**

WELCOME!

*Today's Executive Board meeting is being held online.
The meeting will begin shortly.*

Please be prepared to mute your audio following roll call.

Call In: 650 479 3208 Meeting Code: 2531 311 2241 Meeting Password: meet

PUBLIC COMMENTS SPEAKER SIGN UP SHEET:

https://docs.google.com/spreadsheets/d/1RORfpRQXJqIY_jFukwKdx2T43AmkDZykC0fbpCpSWQI/edit?usp=sharing

Download Presentation Slides: <https://campo.legistar.com/Calendar.aspx>



NC Capital Area **Metropolitan Planning Organization**

Executive Board Meeting

October 18, 2023

4:00 PM

1. Welcome and Introductions

2. Adjustments to the Agenda

- Addition of new Item (#7.1 below)
- Adjustment to order of Regular Items

7.1 Wake Transit Baseline Revenue Assessment Funding Agreement with GoTriangle (*New*)

7.2 NC 540 Bonus Allocation Projects Update

7.3 2055 MTP Update – Community Viz

3. Ethics Statement:

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

Does any Executive Board member have any known conflict of interest with respect to matters coming before the Executive Board today? If so, please identify the conflict and refrain from any participation in the particular matter involved.

4. Public Comments

This is an opportunity for comments by those in attendance. Please limit comments to three (3) minutes for each speaker.

5. Consent Agenda

5.1 *September Minutes*

Approve the September 20, 2023 Executive Board Minutes.

5.2 *NW Harnett County Transit Feasibility Study Contract*

Review & approve the contract and scope for the NW Harnett County Transit Feasibility Study and authorize CAMPO Executive Director to execute the contract.

5.3 *Regional Multi-Modal Safety Action Plan – Contract Award*

Authorize the Executive Director to sign the contract with VHB, and funding agreement with NCDOT.

Requested Action:

Approve all Consent Agenda items.

6. Public Hearing

6.1 Amendment #1 to FY2024-2033 Transportation Improvement Plan (TIP)

6.2 Prioritization 7.0 Modal Candidate Project Lists

6.1 Amendment #1 to FY2024-2033 Transportation Improvement Program (TIP)

- CAMPO has received notification from NCDOT of changes to regional projects that require amending the FY 2024-2033 TIP.
- Add CAMPO-eligible statewide projects to the FY 2024-2033 TIP.

6.1 Amendment #1 to FY2024-2033 Transportation Improvement Program (TIP)

Requested Action:

Conduct public hearing.

Consider approval of Amendment #1 to the
FY 2024-2033 Transportation Improvement Program (TIP).

6.2 Prioritization 7.0 Modal Candidate Projects Lists

2026-2035 TIP/STIP Development

SPOT Actions - MPOs

1. Select Projects to Submit for Scoring

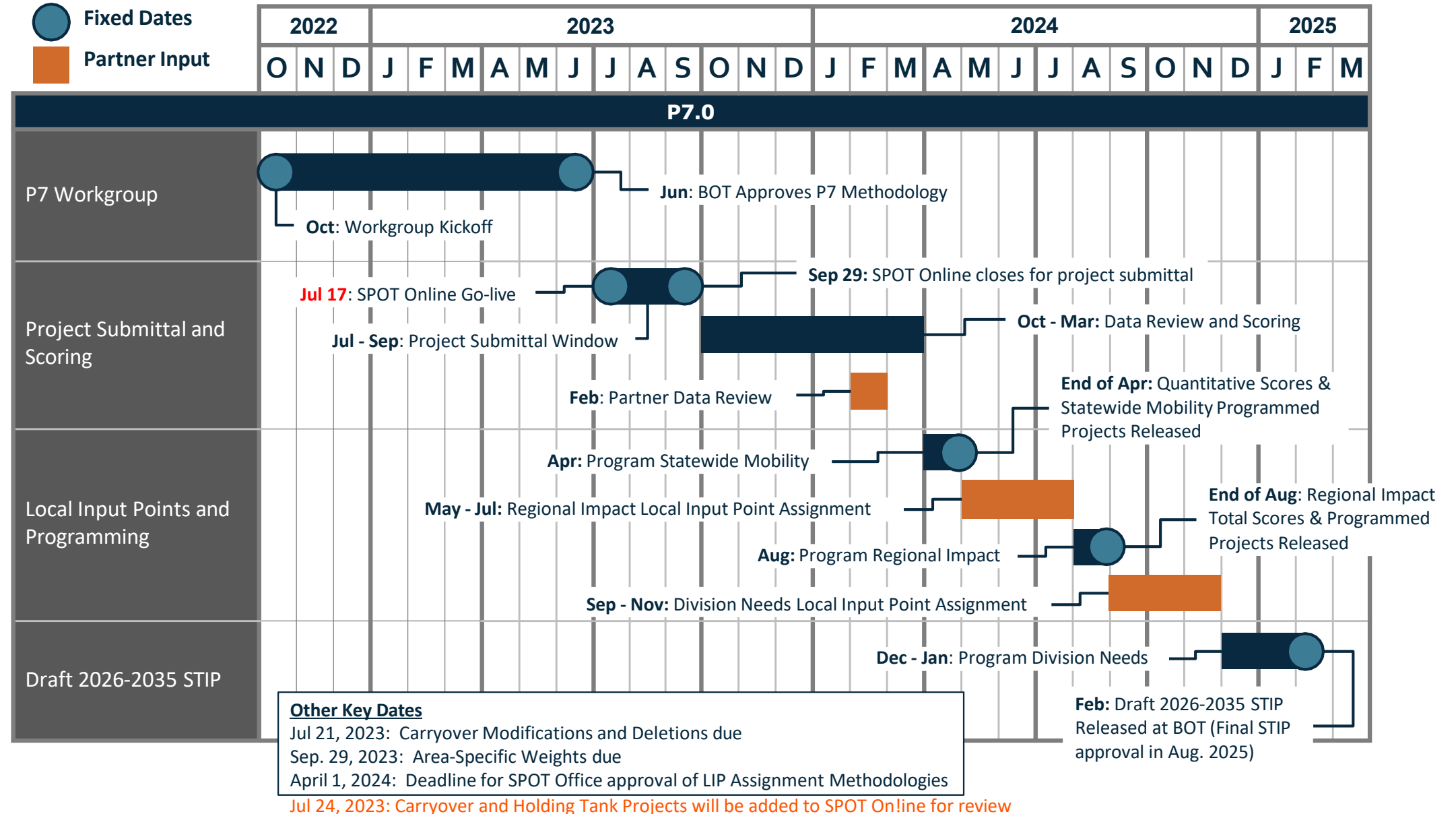
(46 projects per mode)

2. Assign Local Input points

- Regional Impact Points *(2500 pts)*
- Division Needs Points *(2500 pts)*

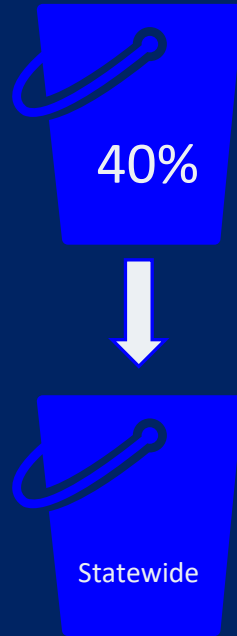
3. Adopt TIP

P7 Schedule



STIP Funding Distribution

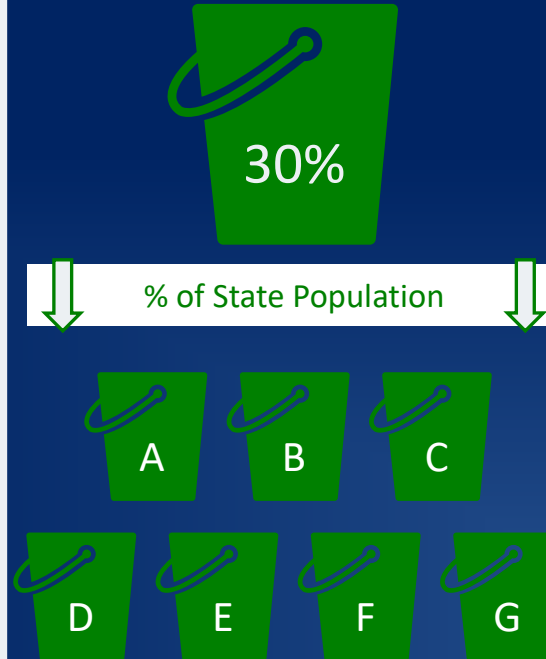
Statewide Mobility



Programmed First

Interstate Maintenance
Bridge Replacement
Bridge Rehabilitation
Highway Safety

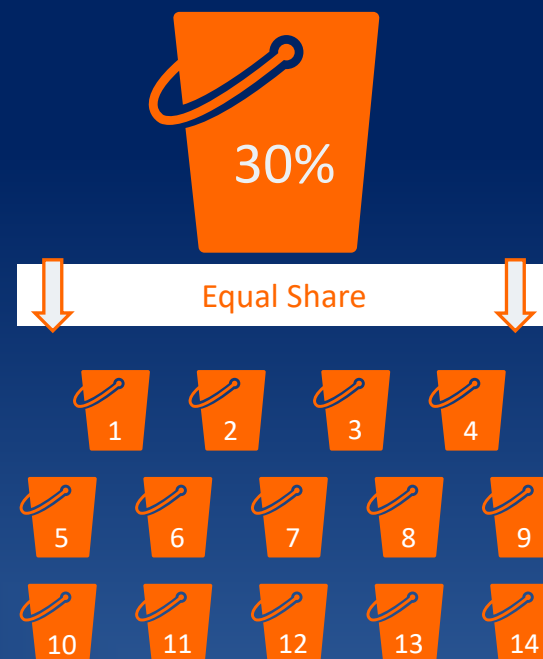
Regional Impact



Programmed First

Bridge Replacement
Bridge Rehabilitation
Highway Safety

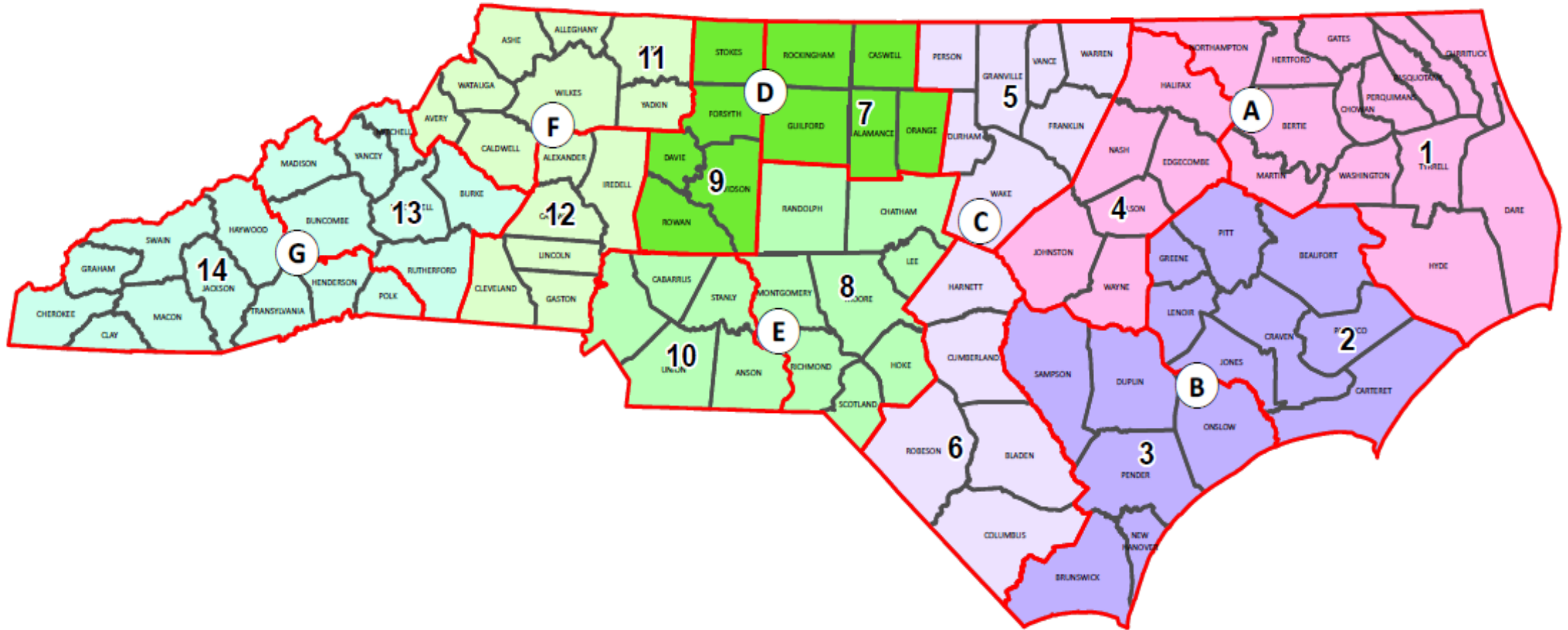
Division Needs



Programmed First

Bridge Replacement
Bridge Rehabilitation
Highway Safety
MPO Direct Attributable
Transportation Alternatives
Highway-Rail Crossing
Economic Development

Regions and Divisions



Defined in STI Legislation

P7 Preliminary Budget

Statewide: \$3.94 Billion

Region A: \$40.7 million

Region C: \$1.34 Billion

Division 4: \$154 million

Division 5: \$16 million

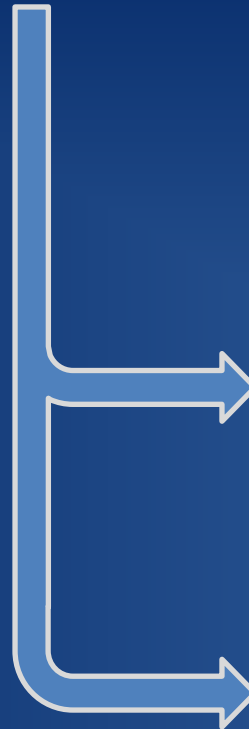
Division 6: \$182 million

Draft 2024-2033 STIP Development Method

- Refreshed 1,000+ estimates in the 2020-2029 STIP, resulting in substantial cost increases
- A combined \$8B overprogrammed in the 10-year STIP
- BOT approved process:
 - Stop P6.0, No Local Input Points
 - Develop 2024-2033 STIP using existing projects in 2020-2029 STIP

Existing 2020-2029
STIP Funded projects
No new P6.0 evaluated projects

Project Pool



Draft 2024-2033 STIP



**Projects to be reprioritized in
P7.0**

Aviation

- 6 new improvements for Harnett Regional Jetport
 - Relocate Airport road
 - Northwest Corporate Development Site - construct a new corporate taxiway and apron, provide pad ready sites with utilities and drainage for (5) large hangars to house corporate jets connected to local businesses.
 - T-Hangar Site development - grading, construction of taxiways and access roads, utilities, drainage, pad ready sites for (7) 10-unit T-Hangars and (6) 60'x60' Box Hangars
 - T-Hangar Taxiways & T-Hangars – construction
 - Runway Widening to 100'
 - Runway Extension to 5500'

Bicycle/Pedestrian

60 projects submitted by CAMPO Members

45 – Wake projects

13 - Johnston

2 - Franklin

Rail

69 Rail Projects in CAMPO

6 – Freight Corridor improvement projects

2 – Freight Facility improvement projects

44 – Highway/Rail Crossing improvement projects

17 – Passenger Rail service projects

Roadway - Corridors

- Several corridors being scored as Reduced Conflict Intersections (Superstreets)
- US 1 North – Combined U-5307B/C project
- Ten Ten Road – now being split at US 1
 - Apex Peakway to US 1
 - US 1 to Kildaire Farm Road

Roadway – Interchanges/Intersections

- US 1 North / Burlington Mills Rd
- US 1 North / Falls of Neuse Rd
- US 1 South / Ten Ten Rd

Roadway – Operational Improvements (OI) & Intelligent Transportation Systems (ITS)

- Cary ITS Upgrade project with \$4 million contribution from Town of Cary

Transit

6 – Mobility: New Bus Service/ Headway Reduction / Extension

Purchase new buses

1 – Demand Response

Purchase new buses

5 – Facility – Passenger Station projects

5 – Facility – Stop/Shelter projects

2 – Facility – Park & Ride projects

4 – Facility – Maintenance projects

15 Bus Rapid Transit projects

10 Commuter Rail projects

6.2 Prioritization 7.0 Modal Candidate Projects Lists

Requested Action:

Conclude the public hearing.

Consider approval of the P7 candidate project lists for submittal to NCDOT's prioritization process and direct staff to maximize coordination with Division Engineers which may result in alternate projects being submitted with Chair approval.

7. Regular Agenda (updated)

- 7.1 Wake Transit Baseline Revenue Assessment Funding Agreement with GoTriangle
- 7.2 NC 540 Bonus Allocation Projects Update
- 7.3 2055 MTP Update – CommunityViz

7.1 Wake Transit Baseline Revenue Assessment Funding Agreement with GoTriangle

Wake Transit Baseline Revenue Assessment

The Baseline Revenue Assessment will result in the development of a Wake Transit Baseline Policy to serve as a guide for Wake Transit decision-making.

CAMPO will be the Lead Agency for the Baseline Revenue Assessment

The Baseline Revenue Assessment work will include

- Process and Documentation of baseline revenue assessment by Wake Transit Partners
- A Gap Analysis to identify inconsistencies and gaps in policies and procedures related to baseline revenue assessment across agencies funded through Wake Transit
- Interviews with identified Wake Transit agency staff: Raleigh, Cary, GoWake Access, GoTriangle, Wake County, CAMPO

GoTriangle and CAMPO have agreed to contribute \$30,000 each towards the cost of the Assessment

7.1 Wake Transit Baseline Revenue Assessment Funding Agreement with GoTriangle

Requested Action:

Review and Approve the Funding Agreement with GoTriangle for the Wake Transit Baseline Revenue Assessment and authorize the CAMPO Executive Director to execute the Agreement.

7.2 NC 540 Bonus Allocation Projects Update

CAMPO Bonus Allocation

Strategic Transportation Investment (STI) law provides Bonus Allocation funding for:

- Local funding participation
 - ½ of local contribution
- Highway Tolling
 - ½ value of toll revenue bonds
 - ½ forecasted revenue for 1st 10 years –operation costs
 - \$100 million maximum
 - Must be programmed within toll county
- Programming Limitations
 - 10 percent Regional/Division Needs
 - Must be obligated within 5 years
 - Use on highway or highway-related projects only

CAMPO Bonus Allocation

Guiding Principles

- Inclusion in the Metropolitan Transportation Plan (MTP)
- Logical Nexus to Generating Source of Bonus Allocation Funds
- Recognition of Funding Challenges with STI law
- Recognition of Funding Opportunities with STI law

BA Methodology – local contribution

- MPO works with contributing local government to determine existing MTP projects suitable for programming with Bonus Allocation funds.
- MPO Executive Board approves all bonus allocation funding
- **Must go through SPOT Process*

BA Methodology – Tolling Generated

- Four Phases of Analysis for Candidate Project Prioritization

Phase I – determine study area for candidate selection

Phase II – analyze MTP projects using Triangle Regional Model (TRM)

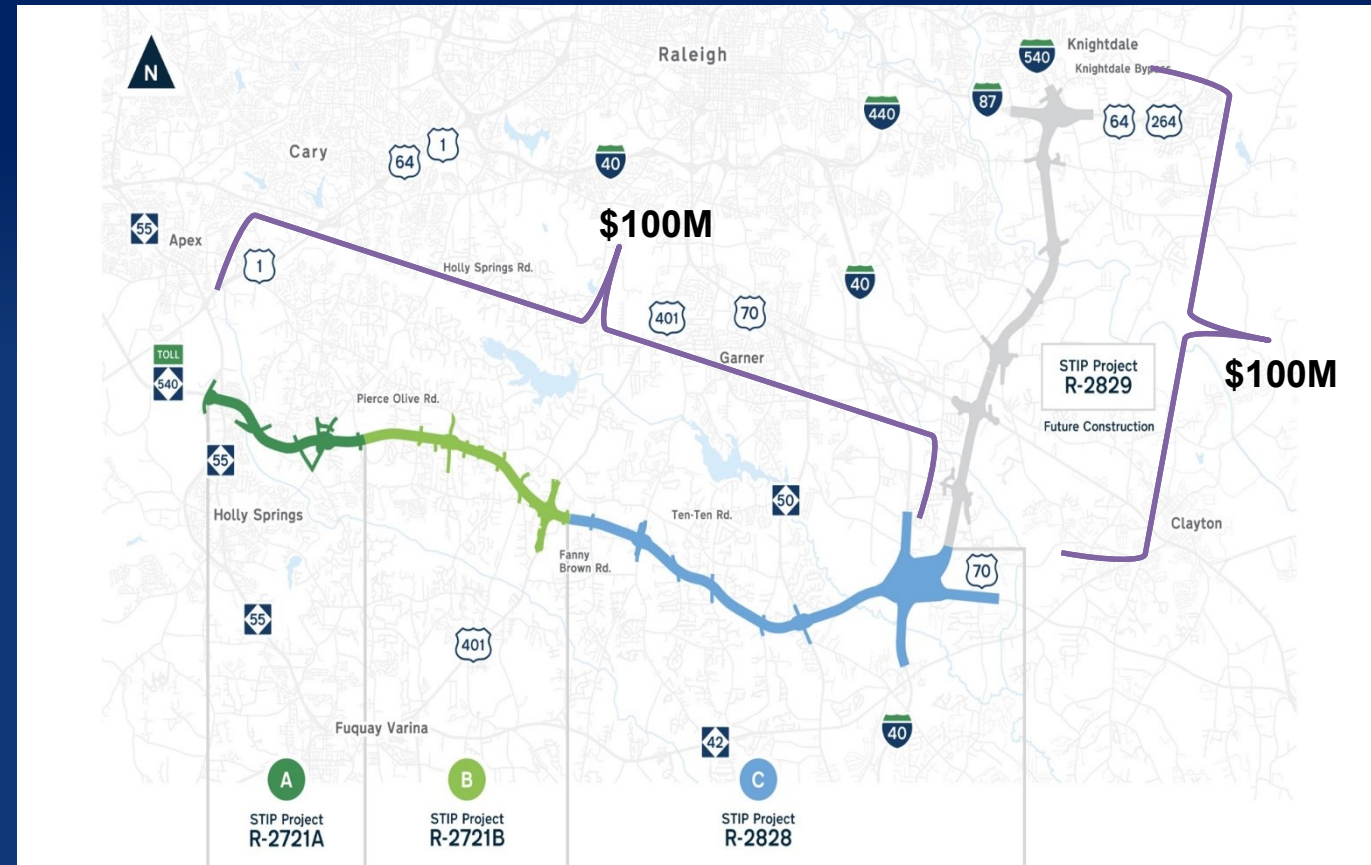
Phase III – analyze intersection and operational improvements
(non-modeled projects)

Phase IV – compare benefits between candidate projects in a common
platform along with safety information

- MPO Executive Board programs projects

NC 540 Bonus Allocation

- Two Bonus Allocation awards from Complete 540 Project
- R-2721 & R-2828 NC 55 to I-40
 - Must be obligated from FY2021-2025
- R-2829- I-40 to US 64/US 264
 - Upcoming





NORTH CAROLINA
Department of Transportation

Bonus Allocation Projects Status Update

Beth Quinn – Division 5 Team Lead

Ben Upshaw – Division 5 Project Development Engineer

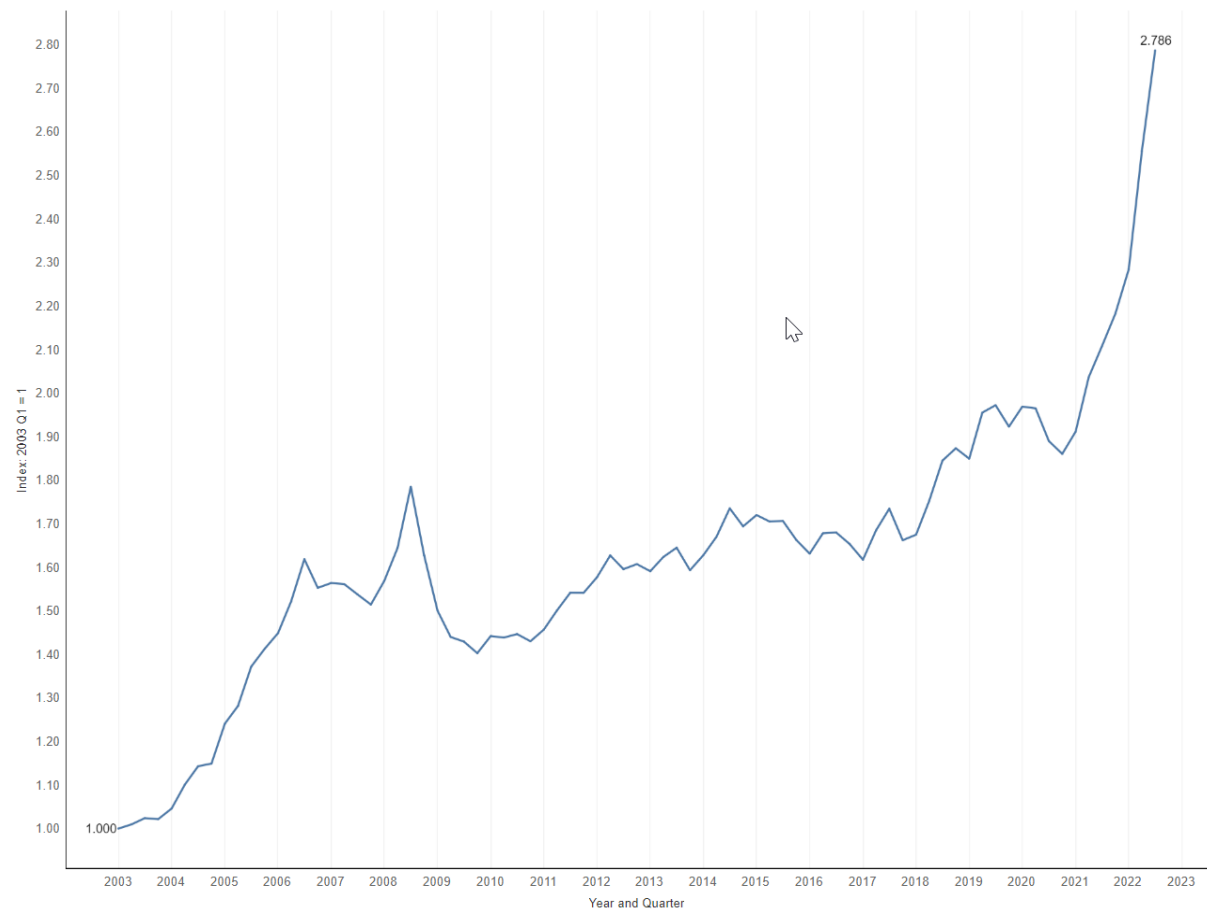
October 18, 2023

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



National Highway Construction Cost Index (NHCCI)

Select Year and Quarter:
2003 Q1 2022 Q3



2022 Q3 index is preliminary.
2022 Q1 and 2022 Q2 indexes are revised.

Raleigh Housing Market Trends

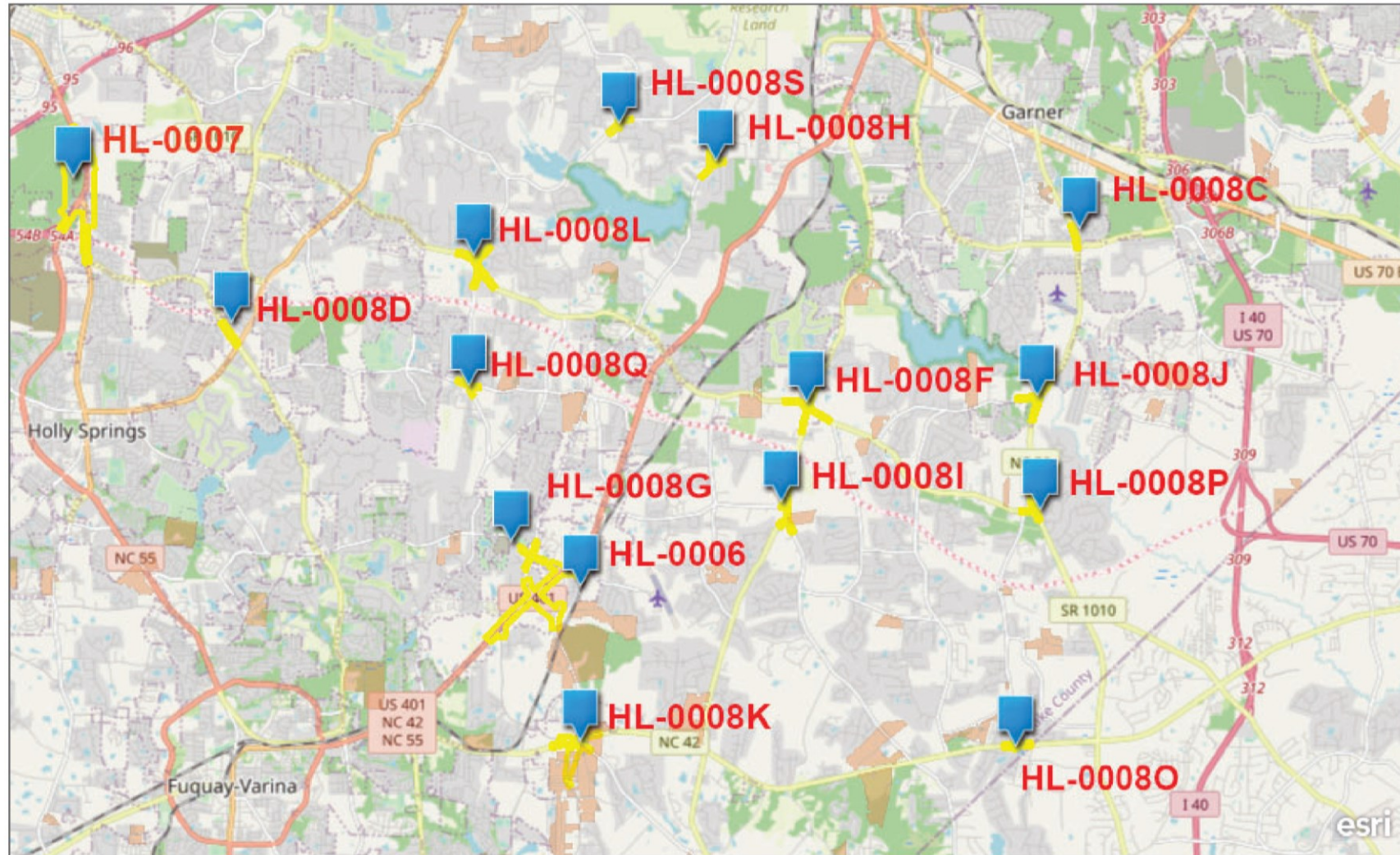
What is the housing market like in Raleigh today?

In April 2023, Raleigh home prices were down 8.0% compared to last year, selling for a median price of \$400K. On average, homes in Raleigh sell after 39 days on the market compared to 21 days last year. There were 504 homes sold in April this year, down from 657 last year.



Based on Redfin calculations of home data from MLS and/or public records.

Bonus Allocation Project Locations



Convert to reduced conflict intersections and realign Hilltop Road to intersect opposite of Lake Wheeler Road.



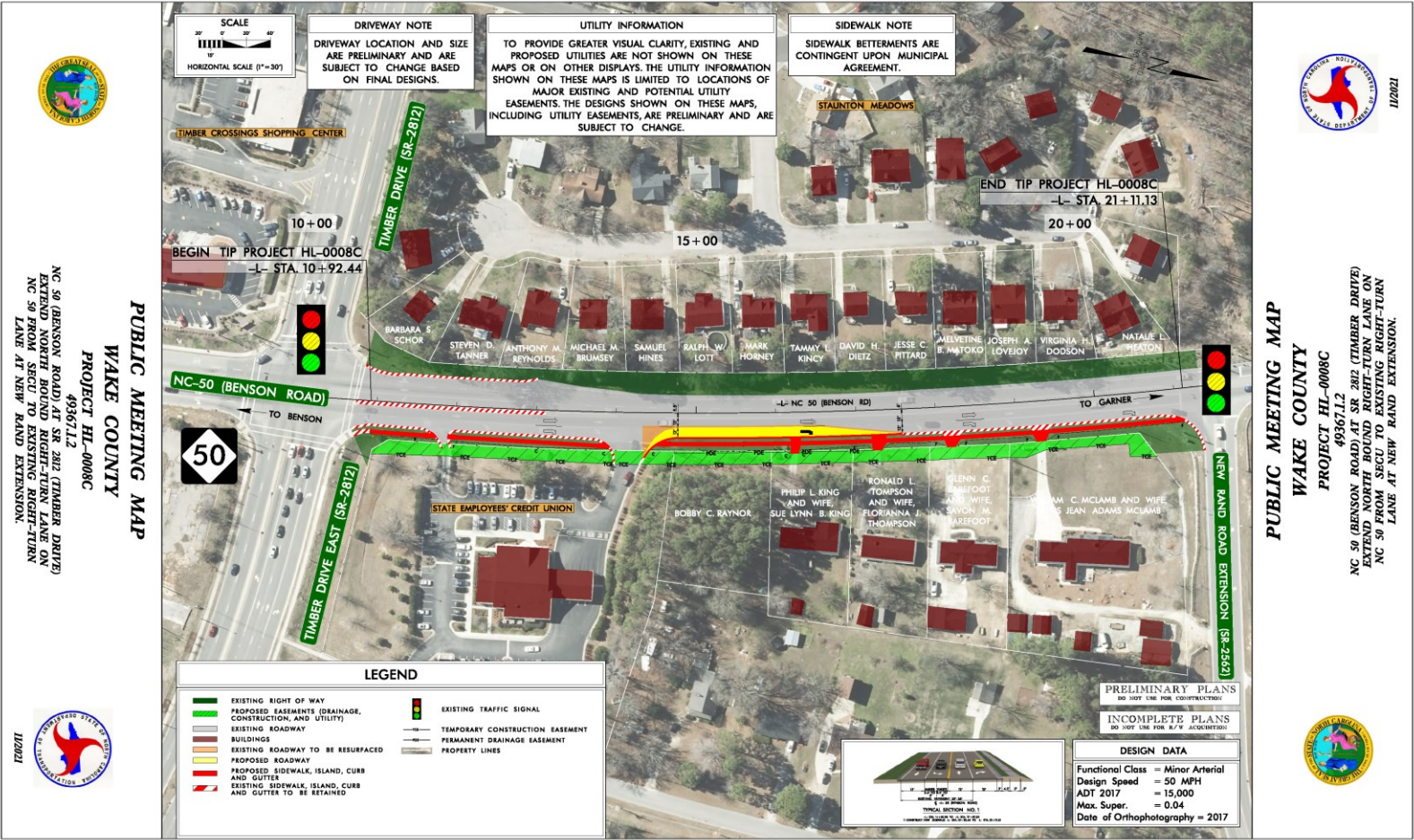
NC 55 at Technology Drive/E. Williams Street in Apex

Convert intersection of NC 55 at Technology Drive/E. Williams Street to reduced conflict intersection. Widen NC 55 to 6-lane median divided. Widen E. Williams Street to 4-lane median divided. Construction of a westbound right turn lane on Sunset Lake Road/Old Smithfield Road at Williams Street.



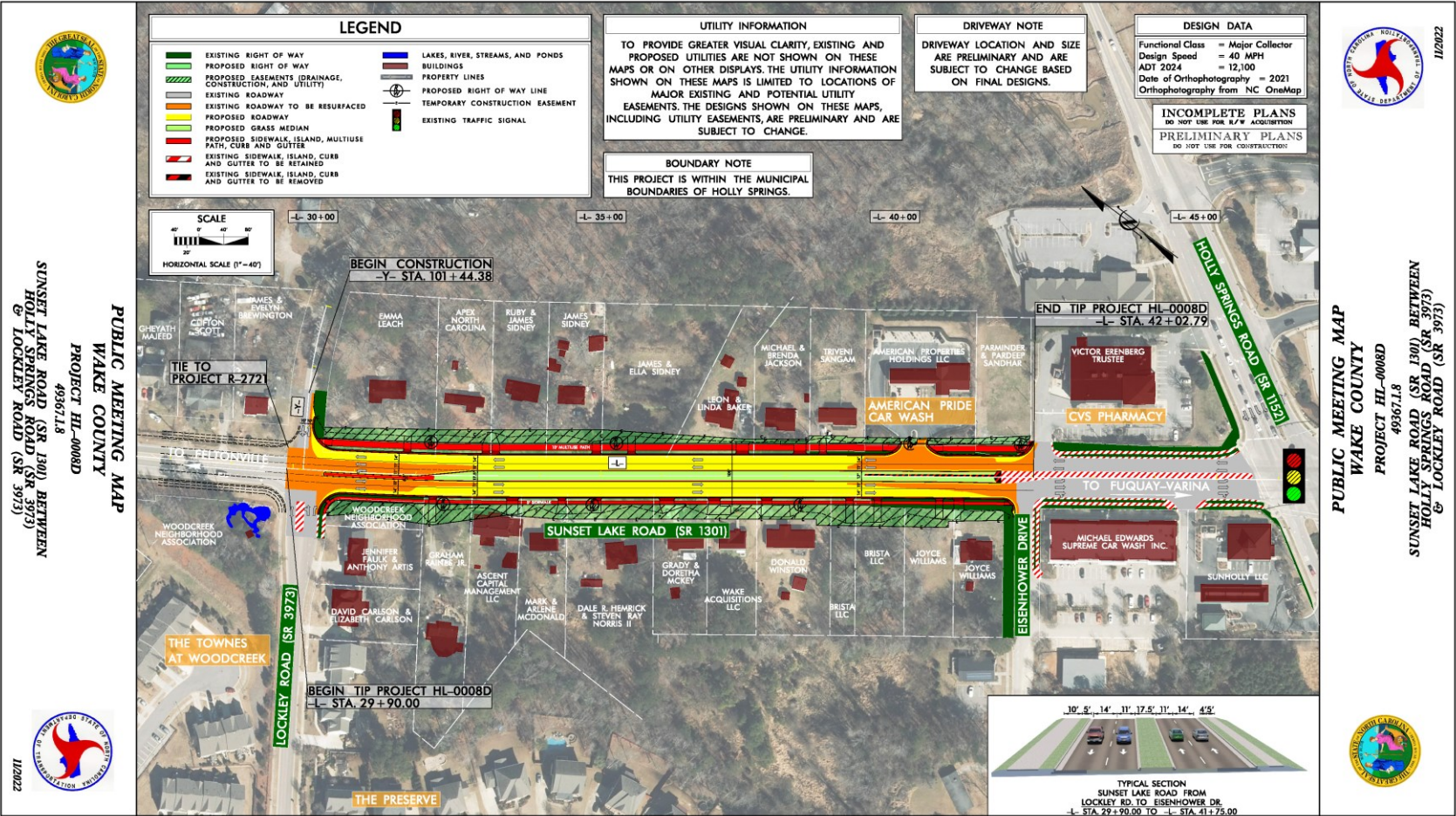
NC 50 (Benson Rd.) at Timber Drive and Timber Drive East

Extend north bound right turn lane on NC 50 from SECU to existing right turn lane at New Rand Road.



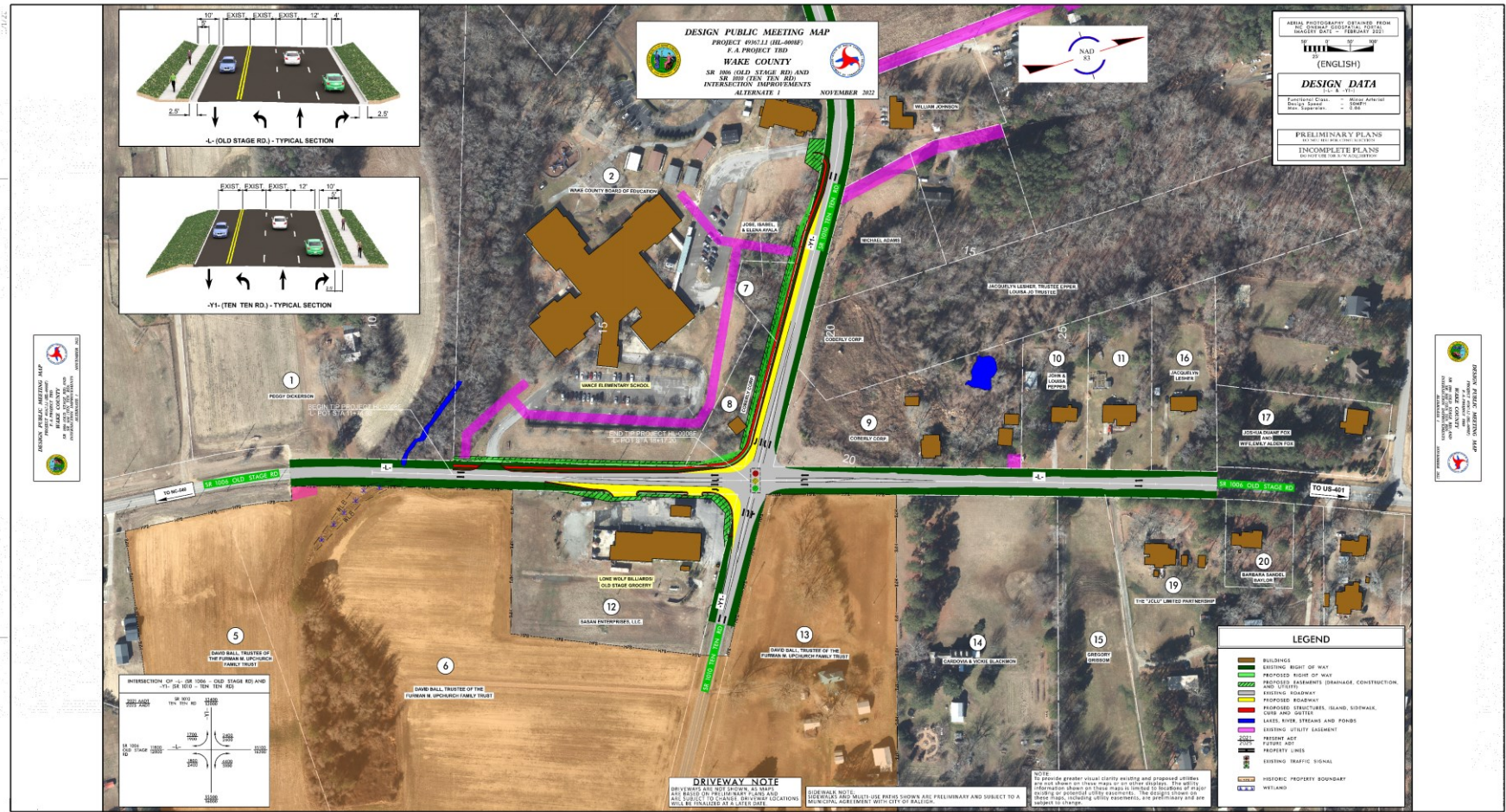
Sunset Lake Road Improvements

Roadway improvements on Sunset Lake Road between Holly Springs Road and Lockley Road.



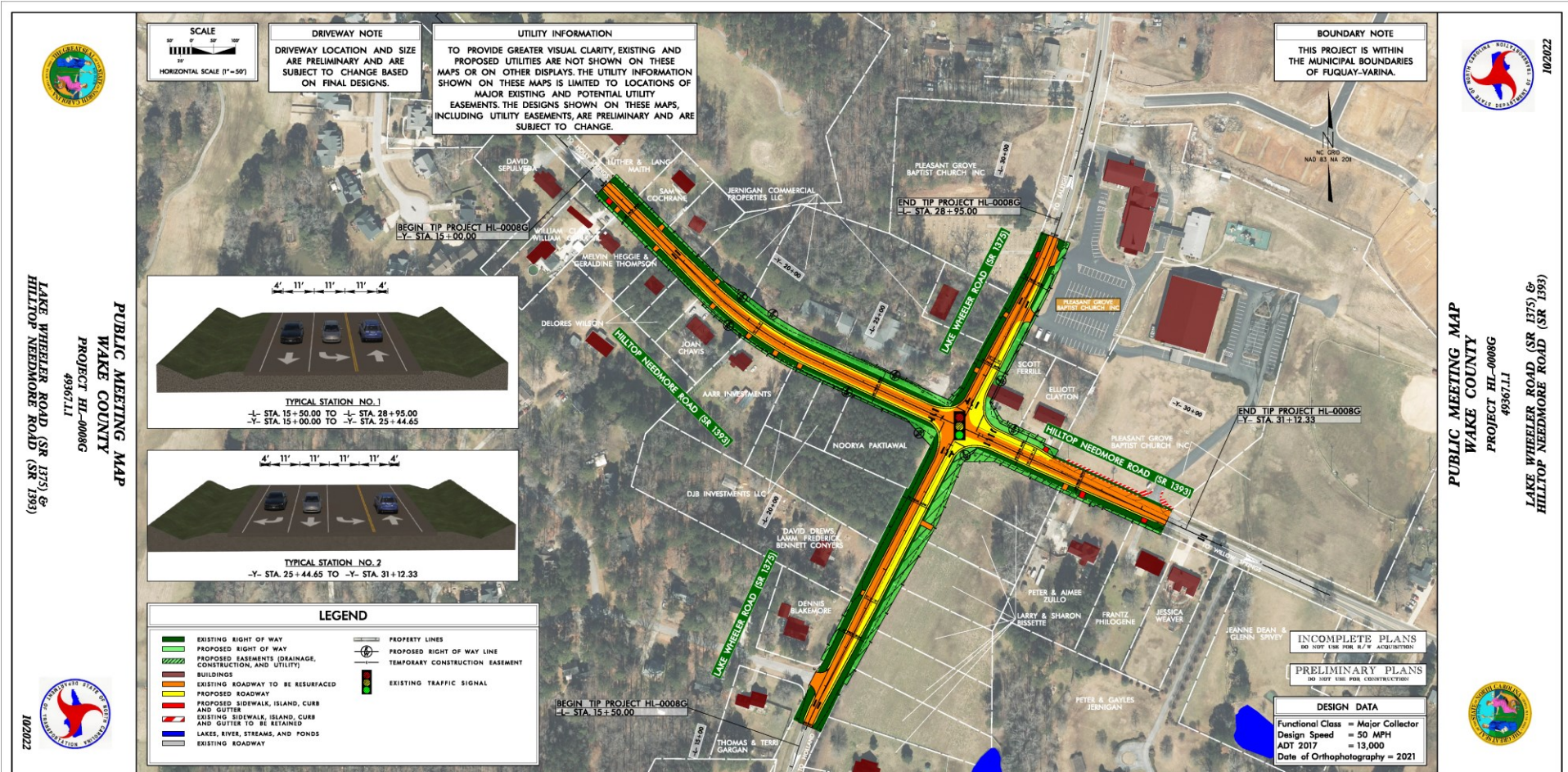
Improvements to Old Stage Road at Ten Ten Road Intersection

Add north bound right turn lane on Old Stage Road and add east bound right turn lane on Ten Ten Road.



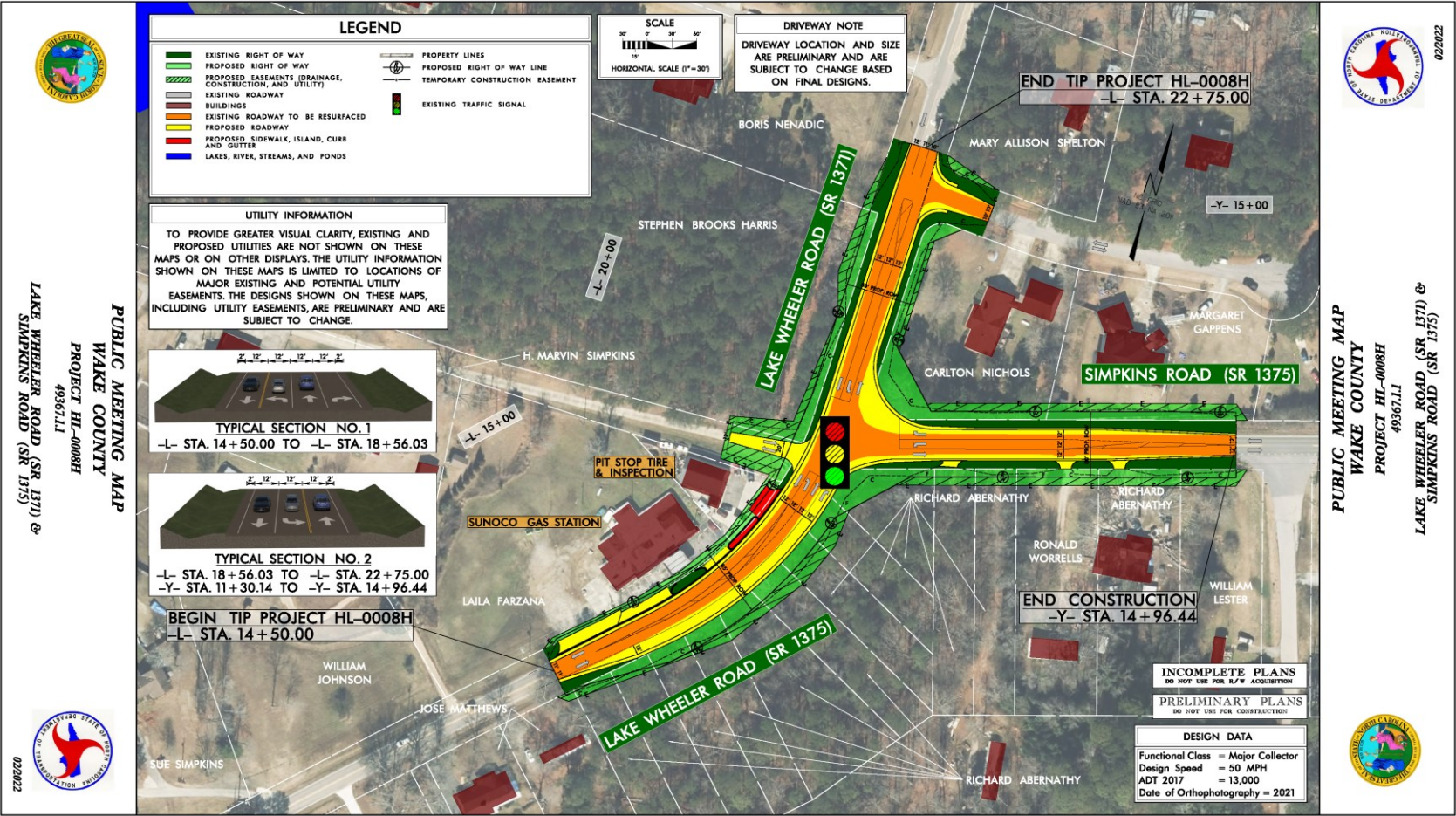
Improvement to Lake Wheeler Road and Hilltop Needmore Road Intersection

Construction of left turn lanes on each approach at intersection of Lake Wheeler Road at Hilltop Needmore Road. Construction of right turn lane for westbound approach of Hilltop Needmore Road. Improve intersection radii to accommodate truck turns.



Improvement to Lake Wheeler Road at Simpkins Farm Road

Construction of left turn lanes in both directions on Lake Wheeler Road at intersection with Simpkins Farm Lane and Simpkins Road. Northbound right turn lane on Lake Wheeler Road and westbound left turn lane on Simpkins Road.



Widen Old Stage Road from Rock Service Station Road to Rolling Meadows Drive. Realign intersection of Old Stage Road and Rock Service Station Road.

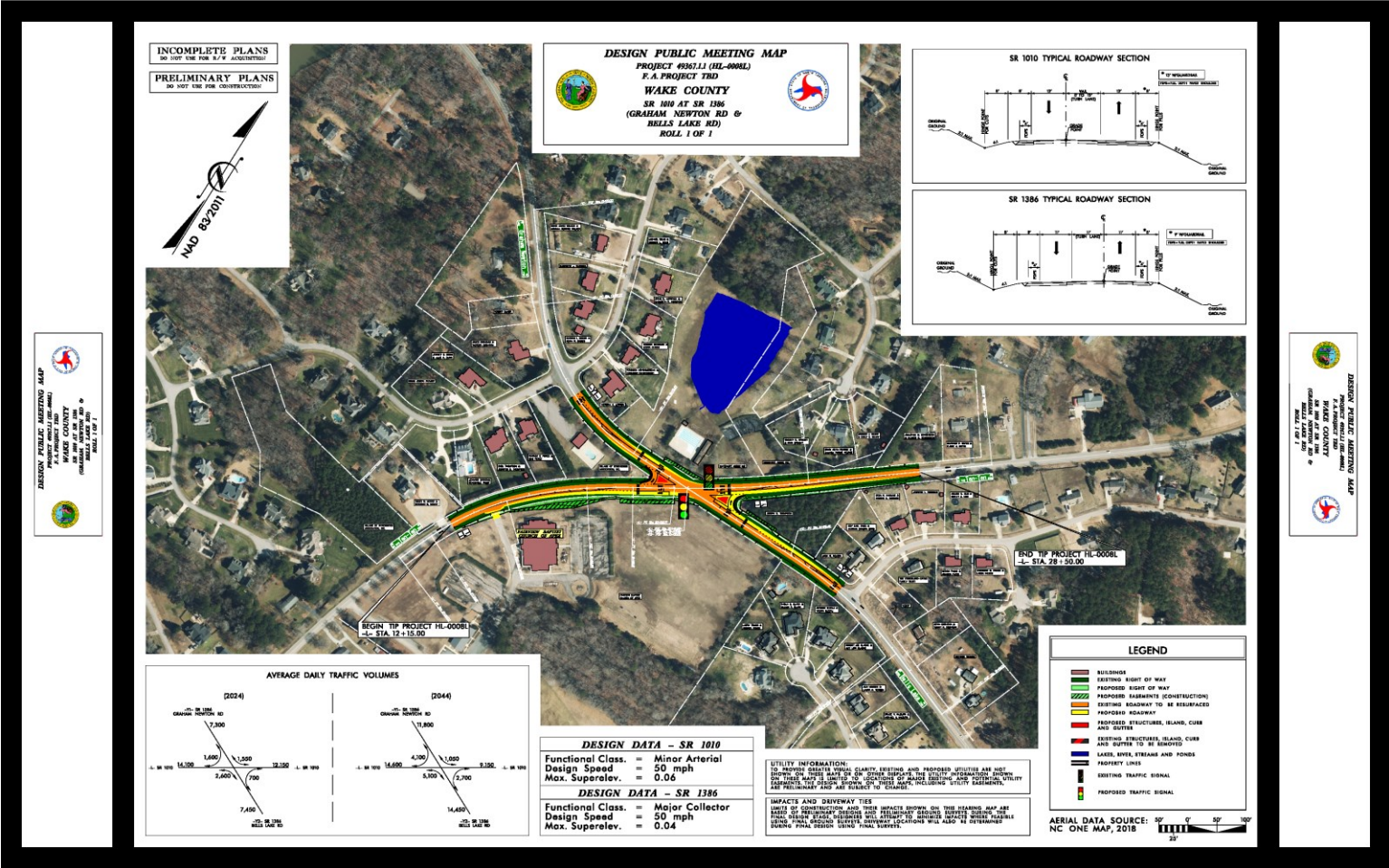


Widen NC 50 to median divided four lanes from 750' south of Rand Road to 1000' north of Buffalo Road.



Ten Ten Road at Bells Lake Road/Graham Newton Road.

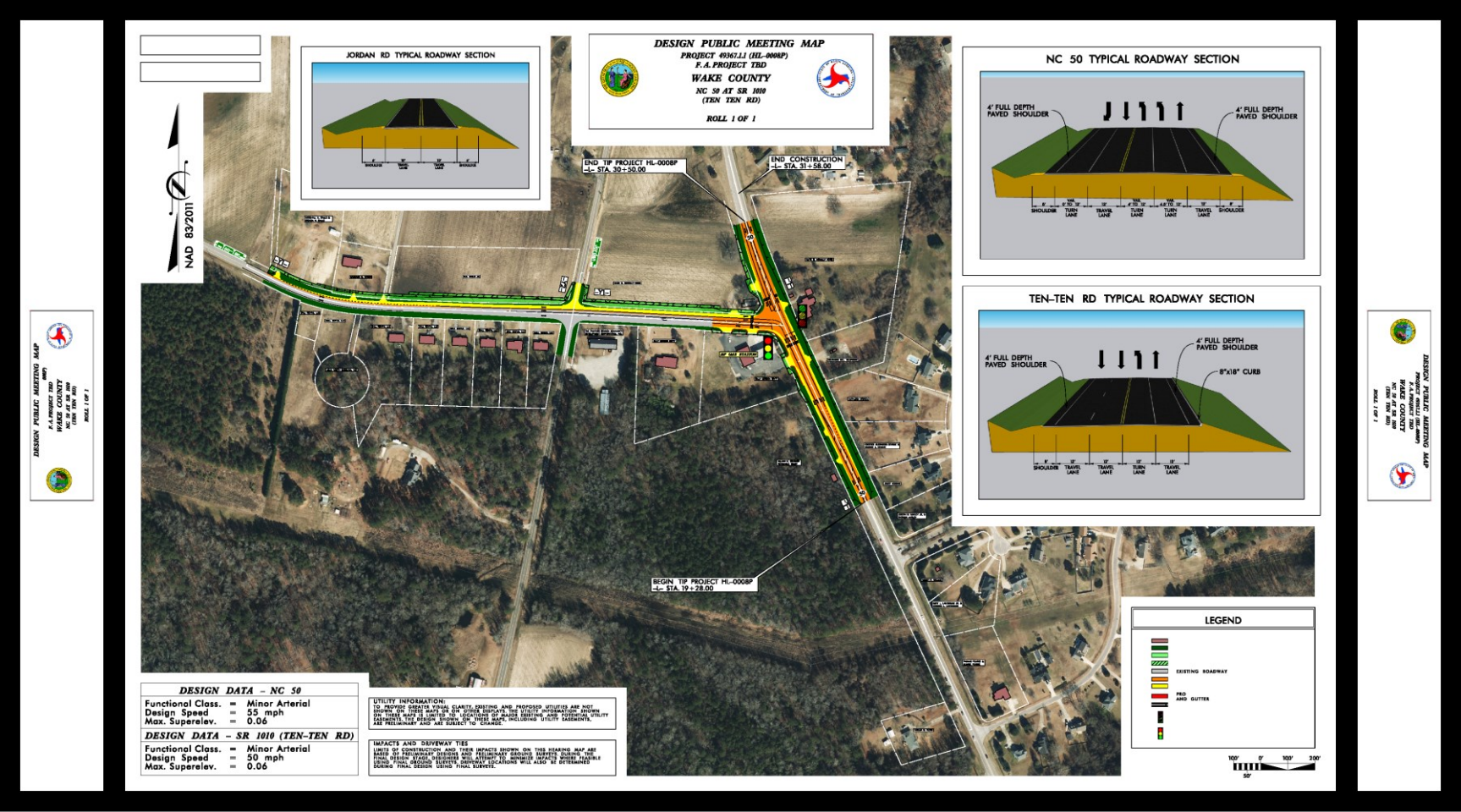
Construction of left turn lanes on each approach at intersection of Ten Ten Road and Bells Lake Road/Graham Newton Road.



Construct left turn lane on NC 42 at Johnston Road.

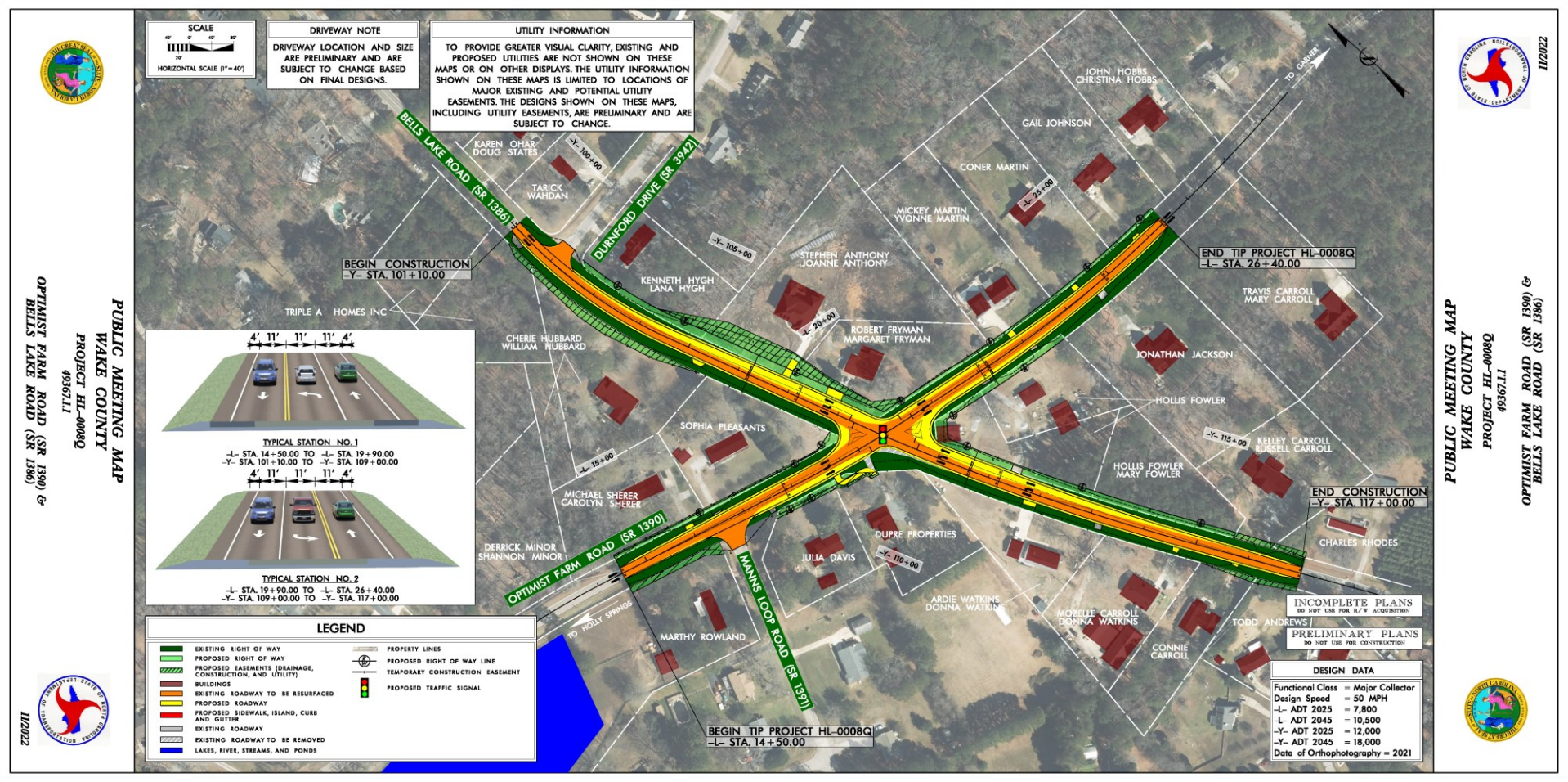
Ten Ten Road and NC 50

Construct dual left turn lanes on northbound NC 50 and widen Ten Ted Rd for a receiving lane.



Optimist Farm Road at Bells Lake Road

Construction of left turn lanes on all legs of intersection.



Contact Us

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Thank you!



2nd Round Bonus Allocation R-2829

- Four Phases of Analysis for Candidate Project Prioritization

Phase I – determine study area for candidate selection *Completed*

Phase II – analyze MTP projects using Triangle Regional Model (TRM)
Completed

Phase III – analyze intersection and operational improvements
(non-modeled projects) *In-Progress*

Phase IV – compare benefits between candidate projects in a common
platform along with safety information

- MPO Executive Board programs projects - *Spring 2024*

7.2 NC 540 Bonus Allocation Projects Update

Requested Action:
Receive as information.

7.3 2055 MTP Update - CommunityViz

2055 Metropolitan Transportation Planning Process

1. Build the Planning Tools
 - a. CommunityViz Growth Allocation (CPRC)
 - b. Triangle Region Transportation Model (ITRE-NCSU)
2. Determine Vision, Goals, Objectives, Performance Measures, Targets
3. Establish the Scenario Framework
4. Create the Development & Mobility Investment Foundations for Each Scenario
5. Adopt Population and Job Guide Targets to 2055
6. Analyze a “Learning Scenario” based on *Connect2050* and updated population and job data and forecasts

2055 Metropolitan Transportation Planning Process (cont'd)

7. Conduct a “Deficiency and Needs” Analysis
8. Refine and Use Tools to Create Detailed Scenarios
9. Conduct Alternatives Analysis of Scenarios
10. Select a Preferred Scenario
11. Complete 2055 MTP Report
12. Adopt the 2055 MTP and Demonstrate Air Quality Conformity (late 2025/early 2026)

Why? Scenarios Can Inform Decisions

❖ Land Use ...



❖ Travel ...



❖ Mobility Investments

A robust analysis looks at each of these elements:
land use, travel markets, and investments



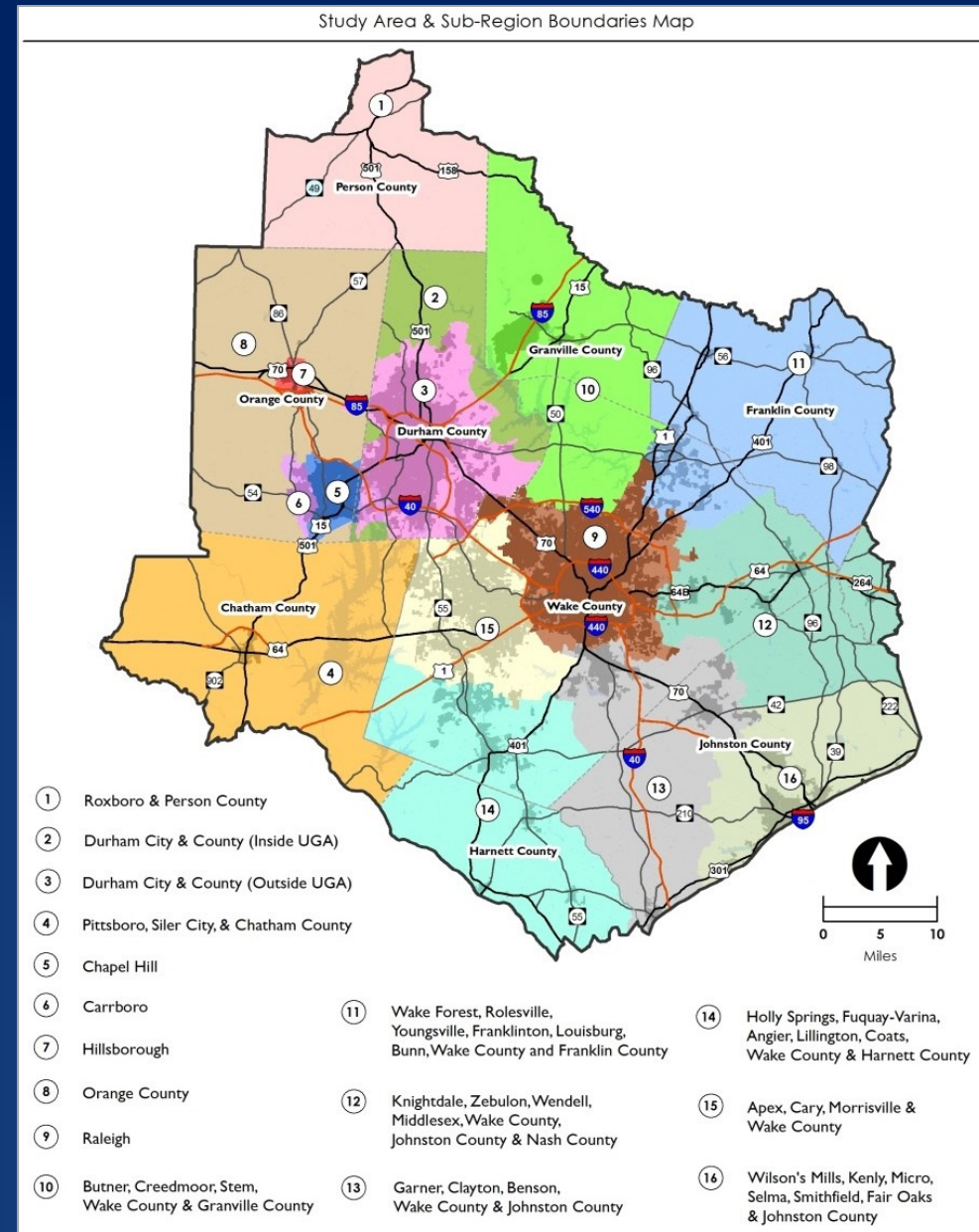
*CommunityViz
growth forecast*

*transportation
model*

*2055
transportation
plan*

How: the CommunityViz Growth Tool

- ❖ CommunityViz is a tool to understand growth capacities and allocate future growth
- ❖ It can be used to create future development scenarios and help understand their relative impacts
- ❖ It needs 5 basic inputs



What CommunityViz Needs To Create a Scenario



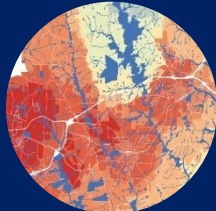
- ❖ The location of features that constrain development, such as water bodies, wetlands and stream buffers



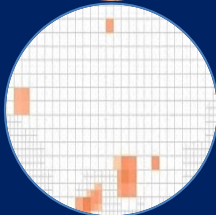
- ❖ The current development status of each parcel relative to its future use



- ❖ The type of place each parcel **will become** (and the intensity of each place type for each jurisdiction)



- ❖ The factors that will influence how attractive each parcel is for development, termed land suitability



- ❖ The types and amounts of growth that will be allocated, termed “growth targets”

CommunityViz Local Guide Books & Look-Up Tables



“There is no guessing in Travel Demand Modeling”

1. What's the future volume?
2. Do we need more lanes?
3. How much ridership can we expect?
4. Do we need more parking?
5. Do we need more density?
6. How long will it take to get from home to work?










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Layer List

☐ Bicycle / Pedestrian Existing Facilities

☐ Bicycle / Pedestrian Proposed Facilities

☐ Bicycle / Pedestrian Local Improvements

☐ TRM Adopted Scenario TAZs with SE Data

☐ Opportunity Places

☐ CAMPO Boundary

☒ Parcels - Sub Regions 9-16 - Development Status

☐ Parcels - Sub Regions 9-16 - Place Type

☐ NCDOT Strategic Highway Network

☐ NCDOT City Boundaries

☐ NCDOT NHS

☐ NCDOT Functional Class

☐ NCDOT STIP 2024-2033

☐ NCDOT HMIP 2023-2027

Developed (DEV)

Committed (COMM)

Asserted (ASSRT)

Protected Open Space (POS)

Water (WTR)

Agriculture (AGR)

Redevelopable (REDEV)

Underdeveloped (UNDER)

Undeveloped (UNDEV)

Other

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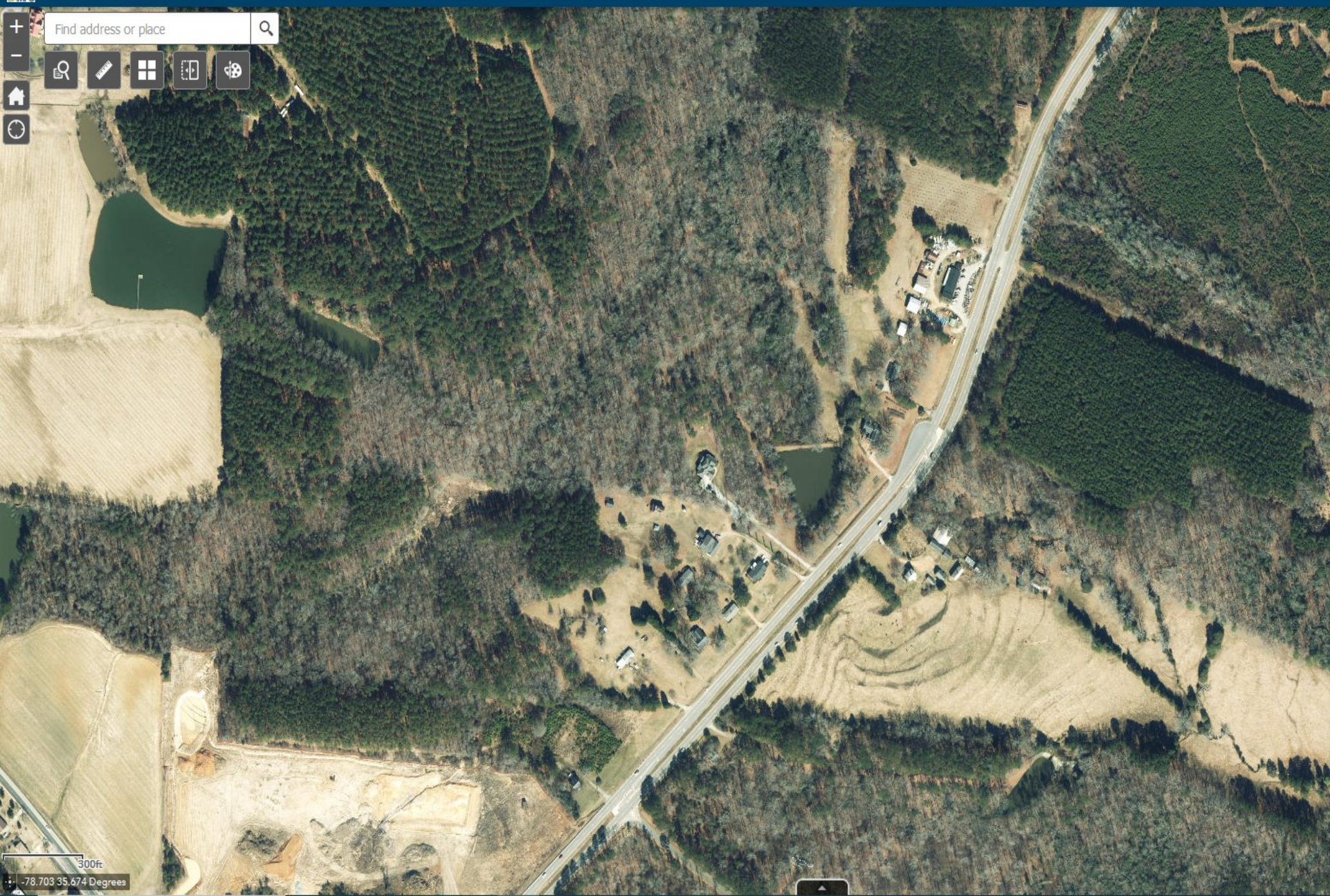
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Layer List

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▾ ☐ Bicycle / Pedestrian Existing Facilities ...

▾ ☐ Bicycle / Pedestrian Proposed Facilities ...

▾ ☐ Bicycle / Pedestrian Local Improvements ...

▾ ☐ TRM Adopted Scenario TAZs with SE Data ...

▾ ☐ Opportunity Places ...

▾ ☐ CAMPO Boundary ...

▾ ☒ Parcels - Sub Regions 9-16 - Development Status ...

▮ Developed (DEV)

▮ Committed (COMM)

▮ Asserted (ASSRT)

▮ Protected Open Space (POS)

▮ Water (WTR)

▮ Agriculture (AGR)

▮ Redevelopable (REDEV)

▮ Underdeveloped (UNDER)

▮ Undeveloped (UNDEV)

▮ Other

▾ ☐ Parcels - Sub Regions 9-16 - Place Type ...

▾ ☐ NCDOT Strategic Highway Network ...

▾ ☐ NCDOT City Boundaries ...

▾ ☐ NCDOT NHS ...

▾ ☐ NCDOT Functional Class ...

▾ ☐ NCDOT STIP 2024-2033 ...

▾ ☐ NCDOT HMIP 2023-2027 ...

7.3 2055 MTP Update - CommunityViz

Next Steps & Homework

1. Training - October 13th at Central Pines Regional Council
2. Update Development Status
3. Update Placetype
4. Review/update Look-up Tables
5. Start committed development spreadsheets

Due Dec 1st

Requested Action:
Receive as information.

8. Informational Items: Budget

8.1 Operating Budget – FY 2024

8.2 Member Shares - FY 2024

Requested Action:
Receive as information.

9.1 Informational Item: Project Updates

Studies:

- Southeast Area Study Update
- U.S. 401 Corridor Study
- MTP Bicycle & Pedestrian Element Update
- NW Harnett County Transit Connections Feasibility Study
- Morrisville Parkway Access Management Study
- FY24 Coordinated Public Transit Human Service Transportation Plan Update
- Apex Rail Switching Operations Relocation Study

Other Updates:

- Wake Transit/TPAC Updates
- FY 2024 & Prior Year Wake Transit Work Plan Amendments Update
- FY 2025 Wake Transit Work Plan Development Update
- FY 2025 Community Funding Area Program Update
- Mobility Coordination Committee
- Safe Routes to School (SRTS)
- Triangle Transportation Choices (TDM Program)
- NCDOT Highway Project U-2719 Updates

9.2 Informational Item: Public Engagement Updates

Requested Action:
Receive as information.


10. Informational Item: Staff Reports

- MPO Executive Director
- TCC Chair
- NCDOT Transportation Planning Division
- NCDOT Division 4
- NCDOT Division 5
- NCDOT Division 6
- NCDOT Rail Division
- NC Turnpike Authority
- NCDOT Integrated Mobility Division
- Executive Board Members


ADJOURN

Upcoming Events

Date	Event
November 2 10:00 a.m.	Technical Coordinating Committee Meeting
November 15 4:00 p.m.	Executive Board Meeting
December 7 10:00 a.m.	Technical Coordinating Committee Meeting
December 20 4:00 p.m.	Executive Board Meeting



Wake County / Fuquay-Varina
Harnett County / Lillington




View
Recommendations
&
Share your input

In-Person & Online
Public Meetings:
Oct 17, 23, 26

Take the online
Survey by
November 5!

www.US401CorridorStudy.com

Or text "401Recs" to 73224



US401CorridorStudy@publicinput.com

1-855-925-2801 / Code: 4800

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