

Agenda



S-Line Overview



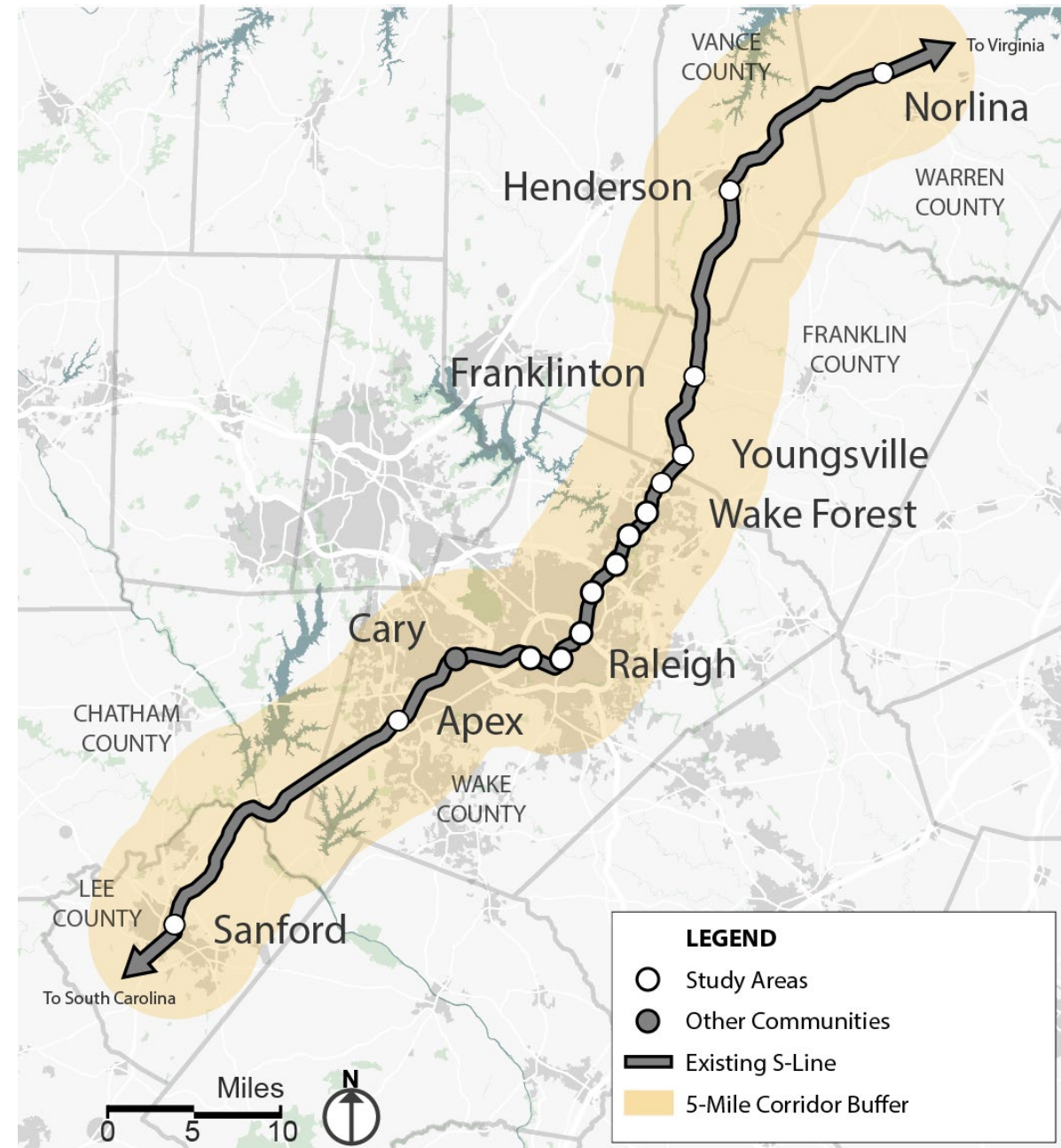
Recent Activities & Workshop Summary



Draft TOD Vision



Next Steps



S-Line Project Overview

- Critical missing network link
- Intercity, freight, and regional rail opportunities
- Future funding opportunities

\$47.5M

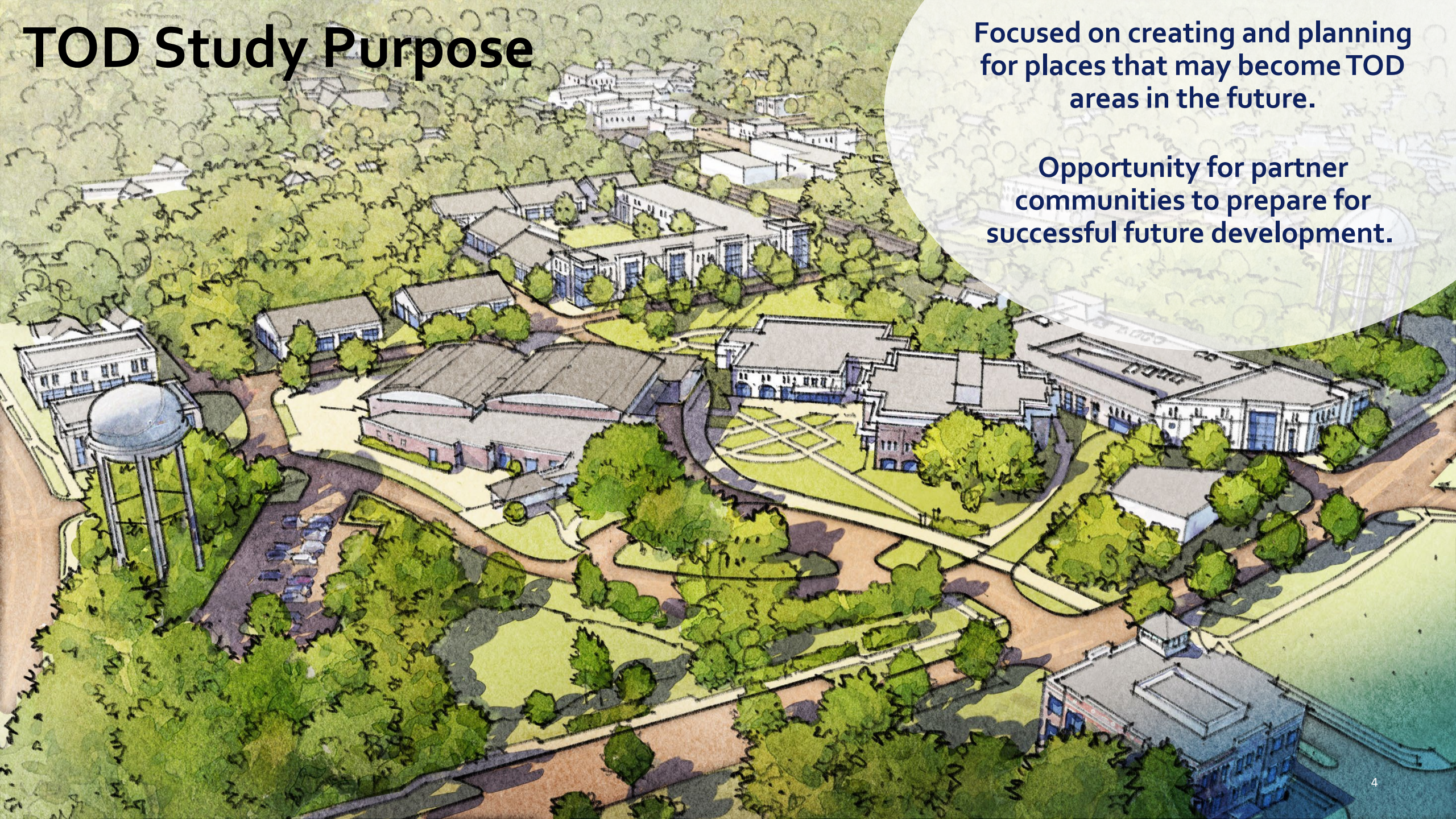
NCDOT received FRA CRISI grant to purchase S-Line Right-of-Way



“The S-Line—the Missing Link to the Southeast Corridor”



TOD Study Purpose

An aerial architectural rendering of a campus. The scene is dominated by green trees and several large, multi-story buildings with various rooflines and architectural styles. A prominent feature is a tall, cylindrical water tower on the left side. The buildings are interspersed with green spaces and walkways. The overall style is a detailed, hand-drawn architectural sketch with a focus on greenery and urban planning.

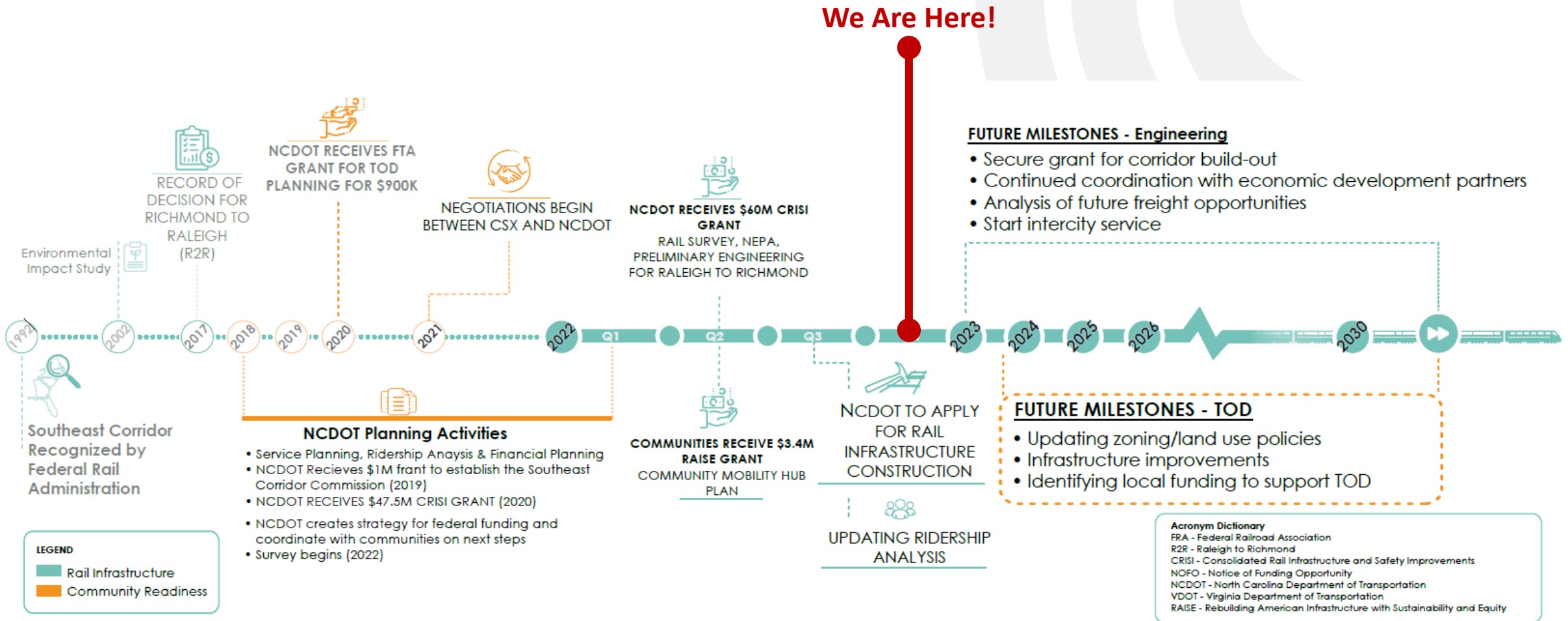
Focused on creating and planning for places that may become TOD areas in the future.

Opportunity for partner communities to prepare for successful future development.

There are a lot of partners....



Overall Project Timeline



FUTURE MILESTONES - Engineering

- Secure grant for corridor build-out
- Continued coordination with economic development partners
- Analysis of future freight opportunities
- Start intercity service

FUTURE MILESTONES - TOD

- Updating zoning/land use policies
- Infrastructure improvements
- Identifying local funding to support TOD

Workshop engagement across the S-Line communities



COMMUNITY DESIGN WORKSHOP



JOIN US!

Discover opportunities for transit oriented development around the S-Line in your community.



Families welcome!
Kids Zone Provided!

Thursday
JUNE 9

Apex Town Hall
73 Hunter Street

Workshop
(open to public)
1 – 4 p.m.

**Public
Open House**
5:30 – 7 p.m.

Community Design Workshops

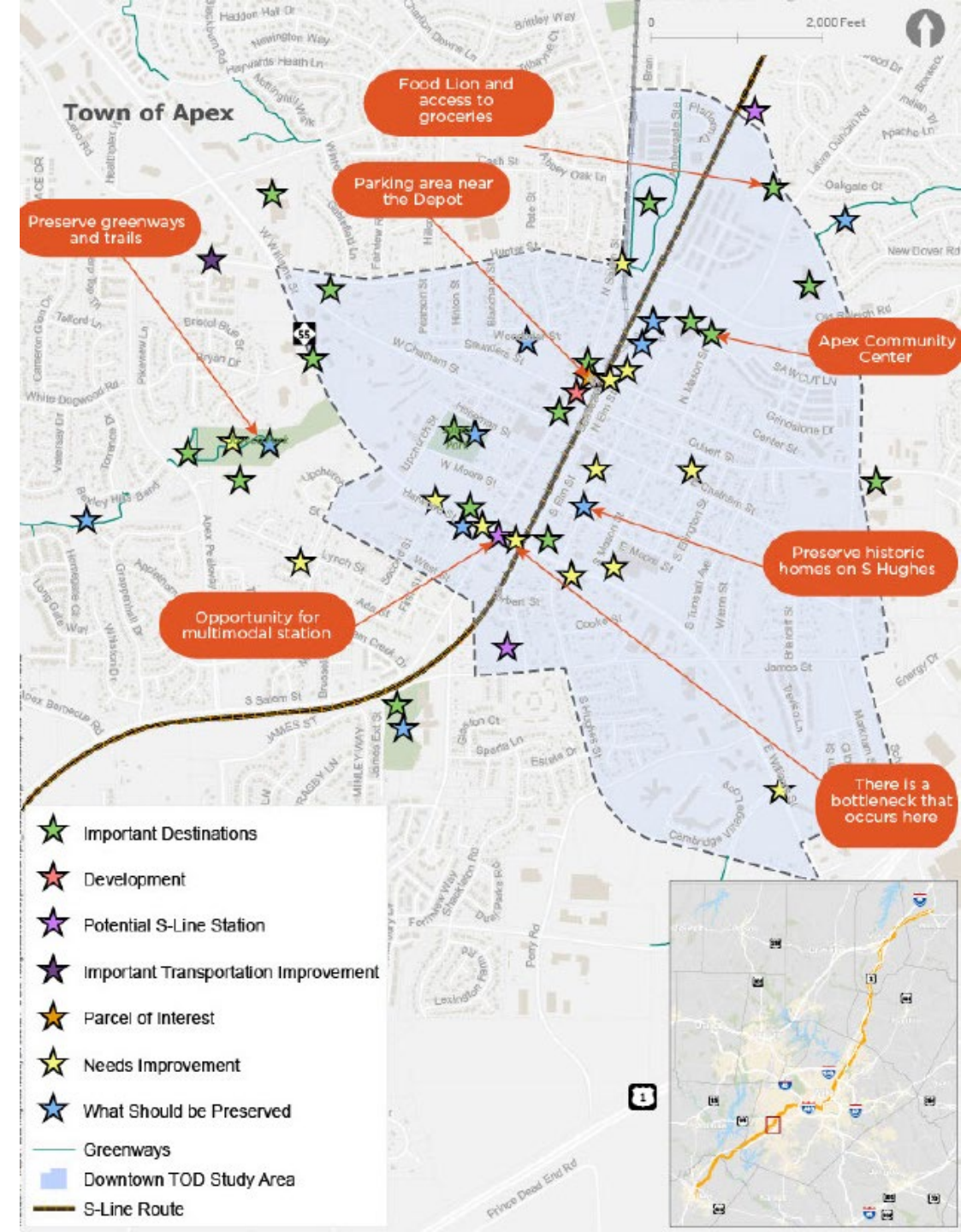
Purpose of workshops:

- Focused, intense period of work completed in open studios in each community
- Transportation and urban design teams dedicated to each S-Line TOD study area
- Public invited to participate throughout the day and in public pin-up sessions each evening
- Develop future urban design vision for each area



What we heard from residents...

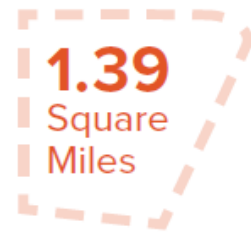
- Residents love Apex's downtown core. They know there will be growth but want to preserve the downtown core and small businesses.
- Residents love the walkability of downtown and want to see the pedestrian, bike and trail network expanded.
- Residents in existing single-family neighborhoods near downtown Apex have expressed concerns about impacts from a future rail project and TOD.



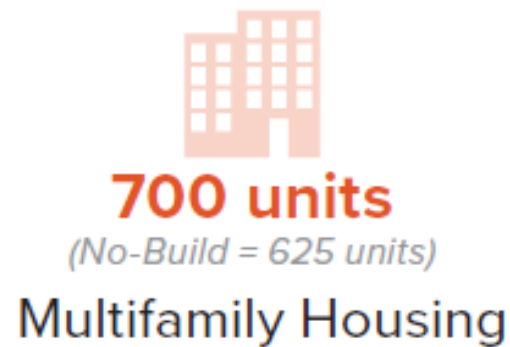
Apex – Transit Readiness

- Significant development is projected over the next 20 years, the S-Line will attract that development to the downtown core.
- A growing downtown is a strength to getting transit-ready.
- The TOD proposals are a guiding vision of what development and downtown Apex could look like in the future. More planning will be needed!

Study Area Characteristics*



Development Demand 20-Year Projections*



* Scores/projections are DRAFT and will be refined through the study completion of the final report.

Legend

Concept plans illustrate potential development scenarios for S-Line mobility hubs and station developments.

- Retail/commercial or office building
- High-density office/commercial mixed-use building
- Low-density multi-family residential building
- Medium-density mixed-use building
- Townhomes
- Single-family residential
- Cultural building
- Housing
- Park/Open space

Potential shared use parking garage with new office uses fronting Hunter Street

BIG IDEA: A pedestrian bridge provides the parking facility and station access to downtown Apex.

Potential new mixed use building with retail on the first floor and office and/or apartments on upper story floors

Potential new residential uses can include medium density development (such as town homes), stepping down to single-family uses adjacent to existing neighborhoods

Integrate a variety of public open spaces as part of new development to serve existing residents

Capitalize on Williams Street Widening project by adding pedestrian connectivity across the tracks

Leverage proposed improvements along Williams Street to introduce new retail, commercial, and office that serve the neighborhoods

New multi-family residential uses, including 2 to 4 story apartments, stepping down to townhomes, duplexes, and cottages as they transition to existing single-family neighborhoods.

BIG IDEA: Redevelop the Jordan Oil site and CSX maintenance yard as a residential based mixed-use developments. Development combined with station access can create new connectivity between downtown core and Apex Town Hall.





BIG IDEA: Rebuild Elm Street north of Center Street outside of CSX right-of-way as a shared street/festival street that could serve as a gateway to the future transit station and additional public open space for festivals. Elm Street becomes an important north-south connection between the two hubs, connecting the town hall focus area and the southern station area.

BIG IDEA: Introduce new mixed-use development anchoring a station area at Salem Street and Williams Street.

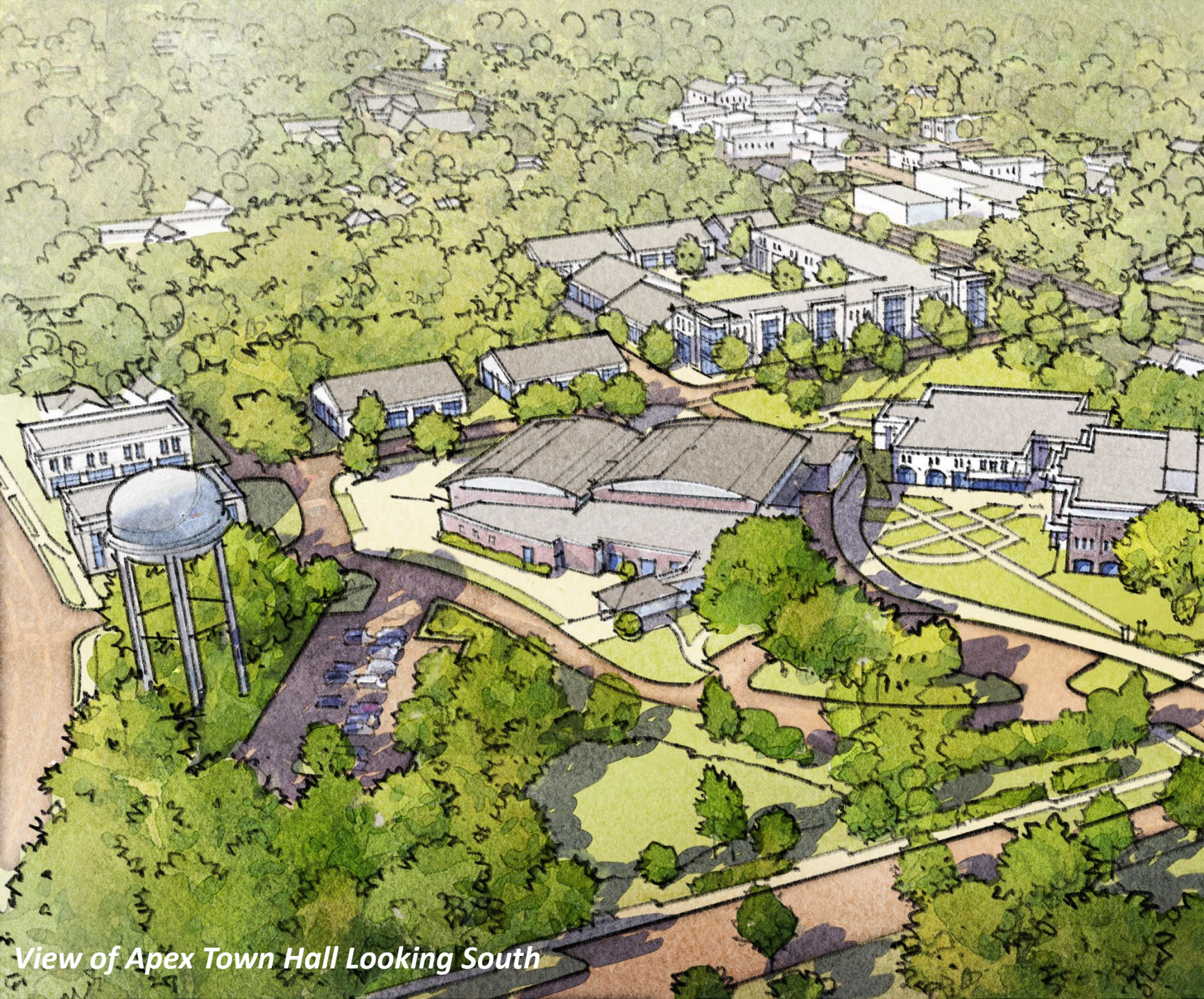
* This plan illustrates one potential development scenario that demonstrates principles of transit-oriented development. This concept does not demonstrate planned or programmed land development or infrastructure projects, unless otherwise indicated.

Building a Multimodal Place

-  Grade Separation
-  New/Improved Intersection
-  Roundabout
-  Station Area Parking
-  Trailhead
-  CSX Railroad (Future S-Line Alignment)
-  Existing Greenway/Trail
-  Greenway/Trail Alignment
-  Pedestrian & Bicycle Bridge/Overpass
-  Bicycle Facilities
-  Sidewalk Improvements
-  Festival Street
- Project Name**
 Locally Adopted/Planned Street Alignment*
-  New Street
- Project Name**
 NCDOT Planned or Funded Projects

**Planned by local jurisdiction, MPO/RPO, or NCDOT*

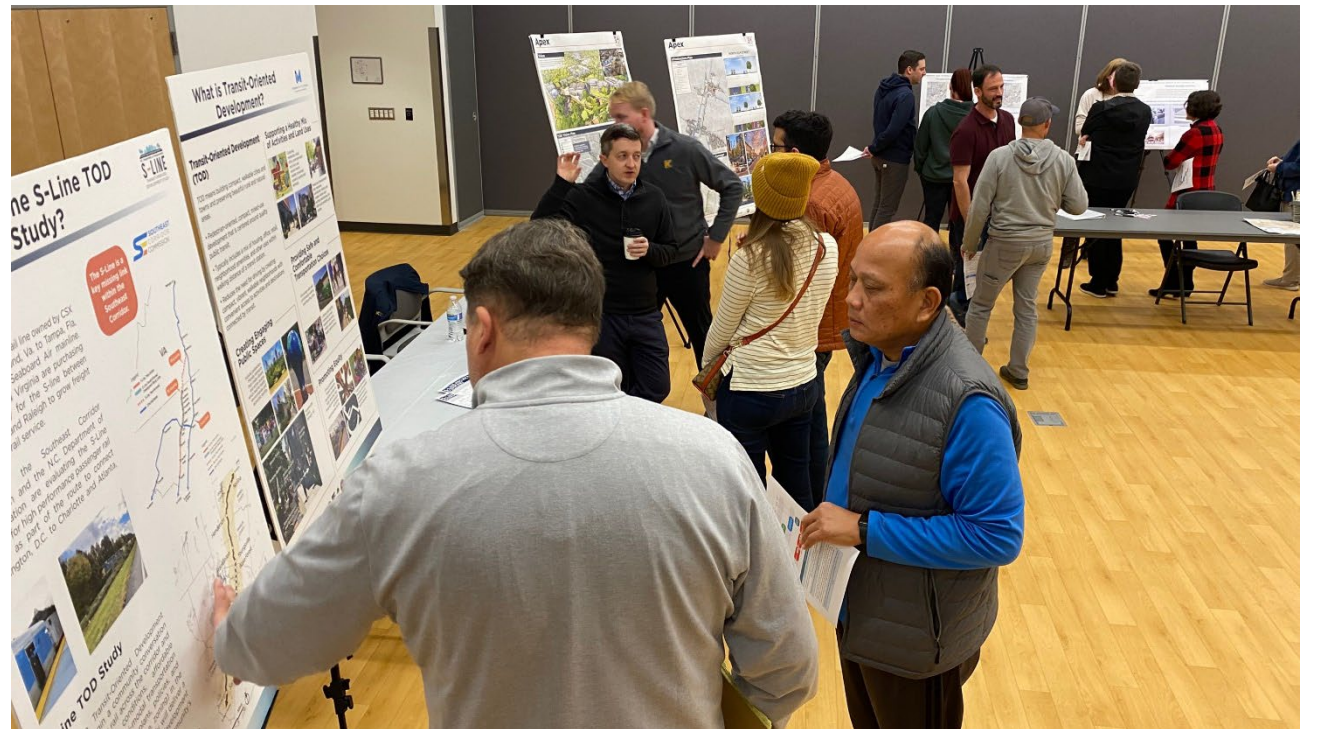




View of Apex Town Hall Looking South

Next Steps

- We presented the draft vision plans to the community at the Downtown Design project Open House on December 6th
- Spoke with over 60 residents & landowners
- Will compile and address feedback to prepare final vision and implementation plan by Spring 2023



Project Contacts

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