



NORTH CAROLINA
Department of Transportation

Strategic Transportation Corridors P, S, and X Corridor Steering Committee Meeting

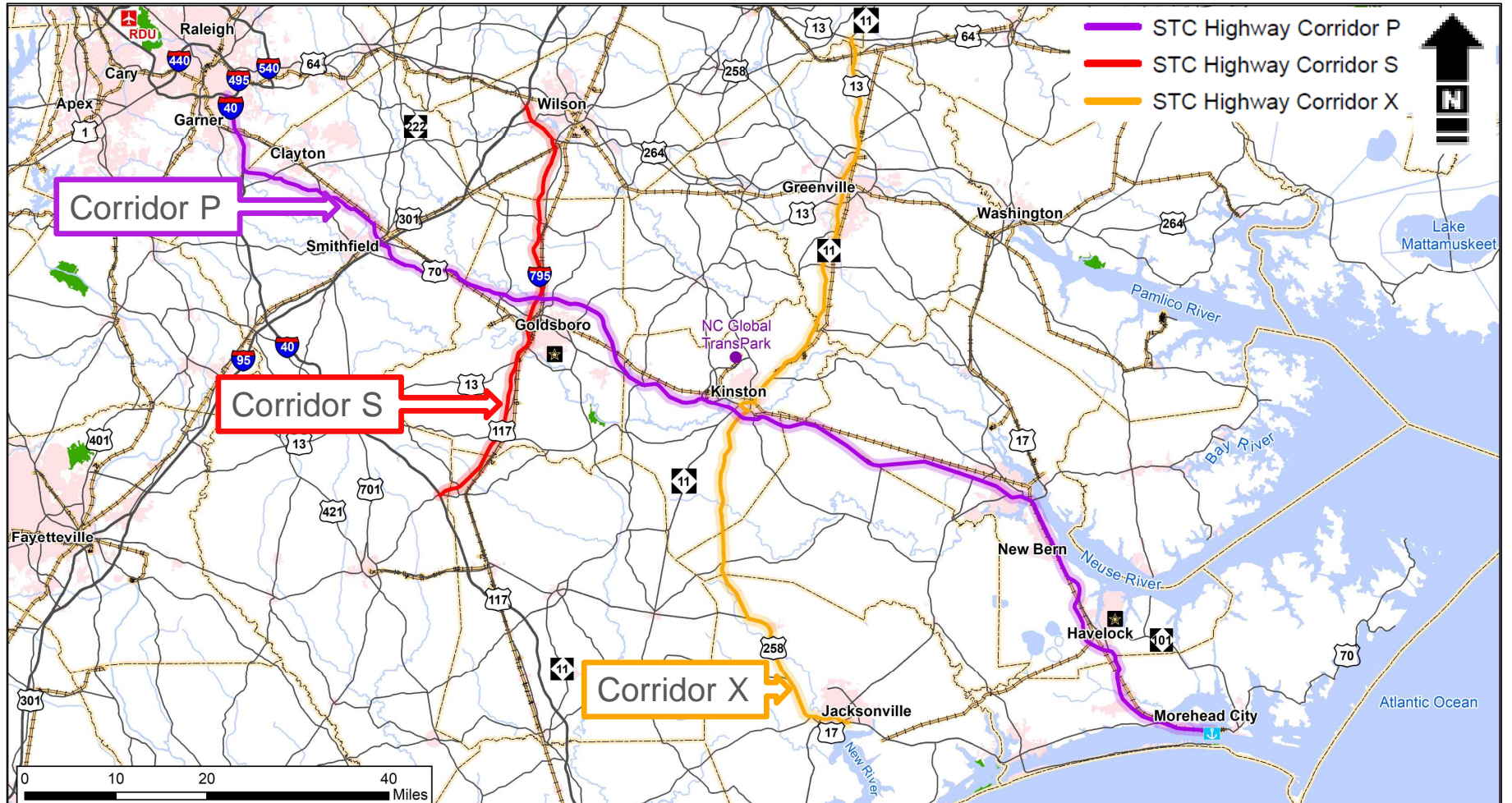
Nastasha Earle-Young, NCDOT and Teresa Gresham, Kimley-Horn

June 6, 2022

Meeting Objectives

- Provide overview of each corridor
- Gather input on draft recommended corridor visions
- Review upcoming stakeholder involvement

Corridor	Roadways
Corridor P	I-40/Future I-42/U.S. 70
Corridor S	I-795/Future I-795/U.S. 117
Corridor X	U.S. 13/U.S. 264/N.C. 11/C.F. Harvey Pkwy/U.S. 258



Corridor P: I-40/Future I-42/U.S. 70

Existing Conditions

Roadway

- Federally-designated truck route
- Military route
- Evacuation route

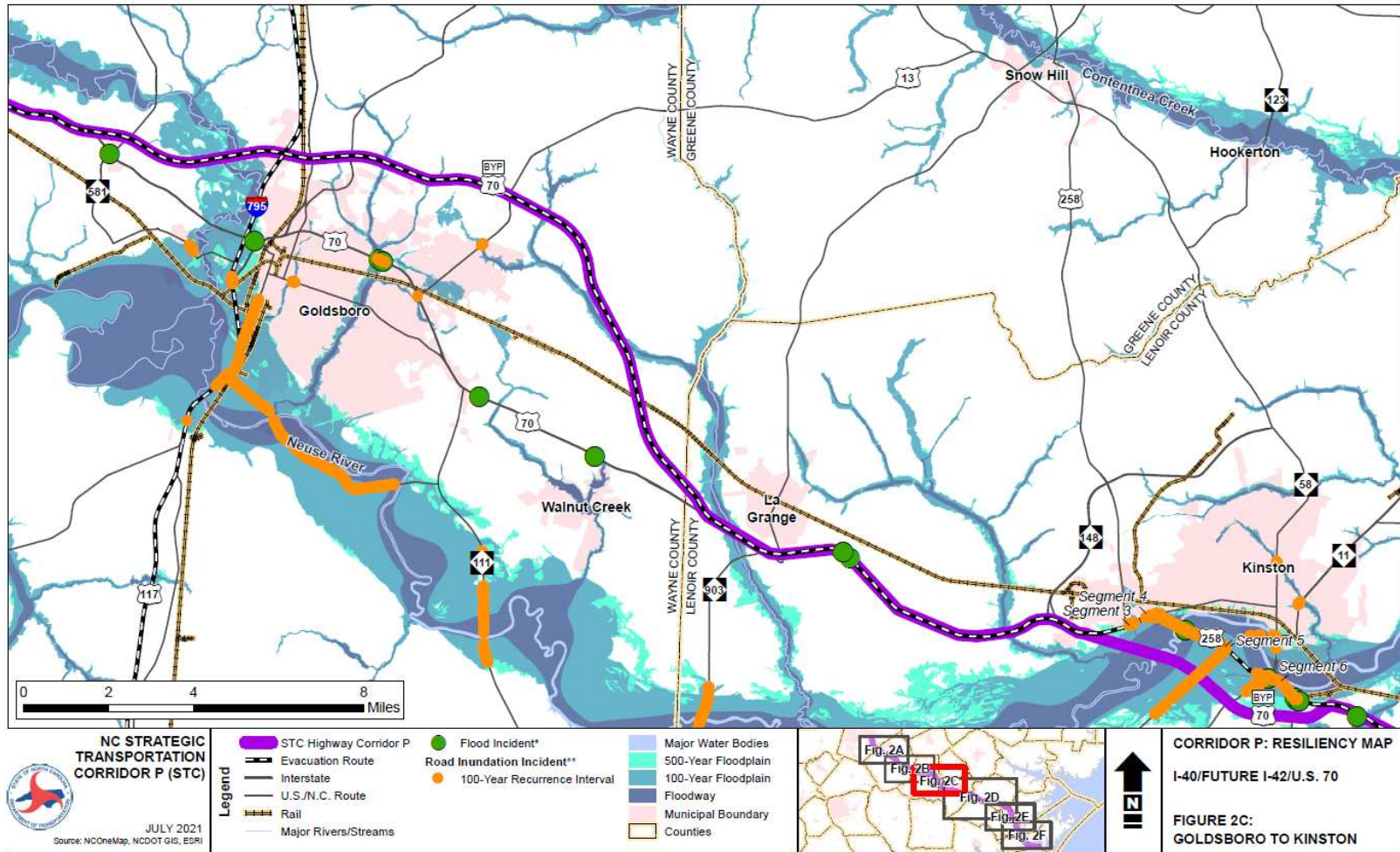
Bridges

- 123 bridges
- 22 functionally obsolete
- 1 structurally deficient

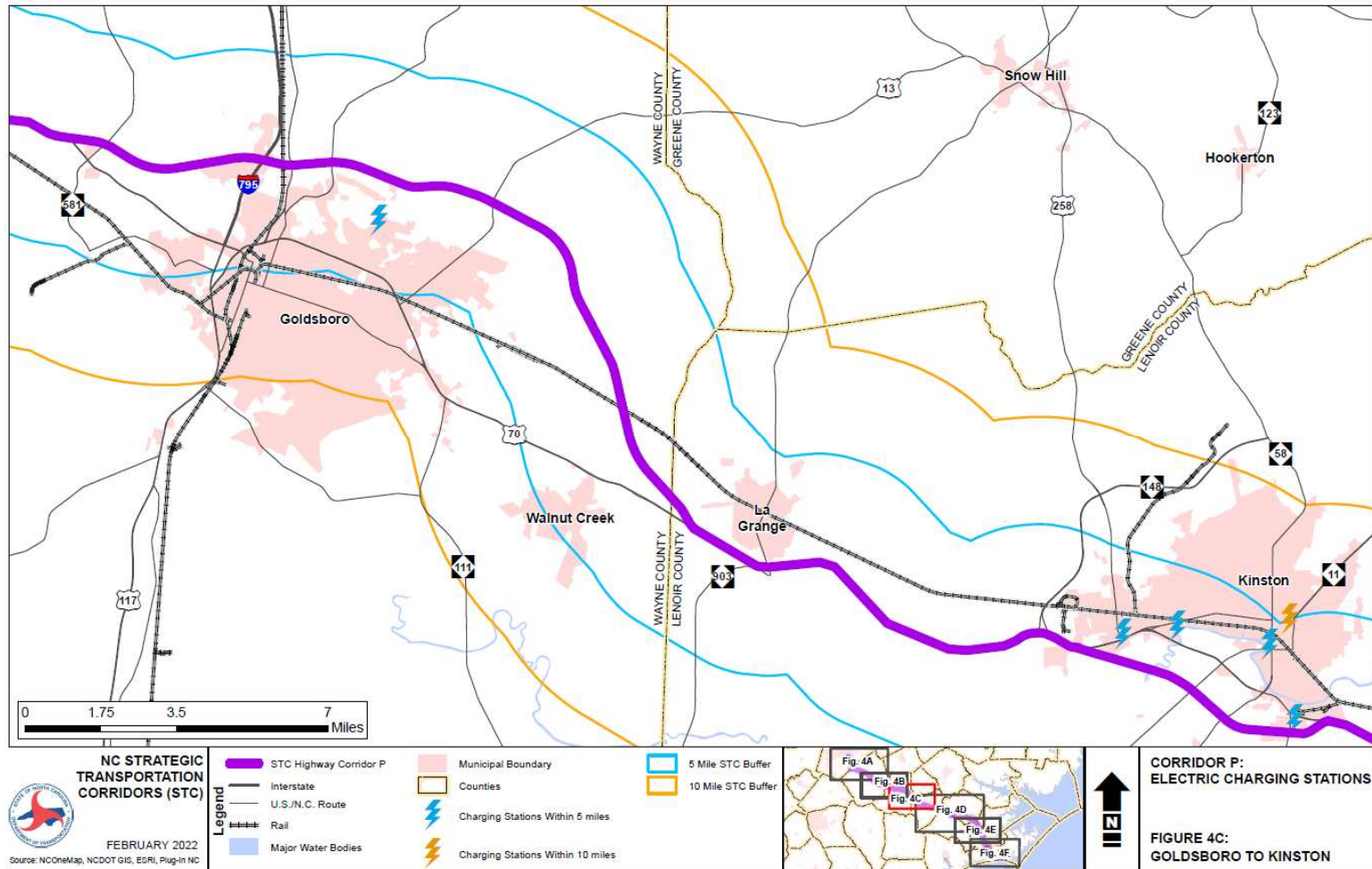
Rail

- 4 at-grade crossings
- 6.7 miles of parallel rail

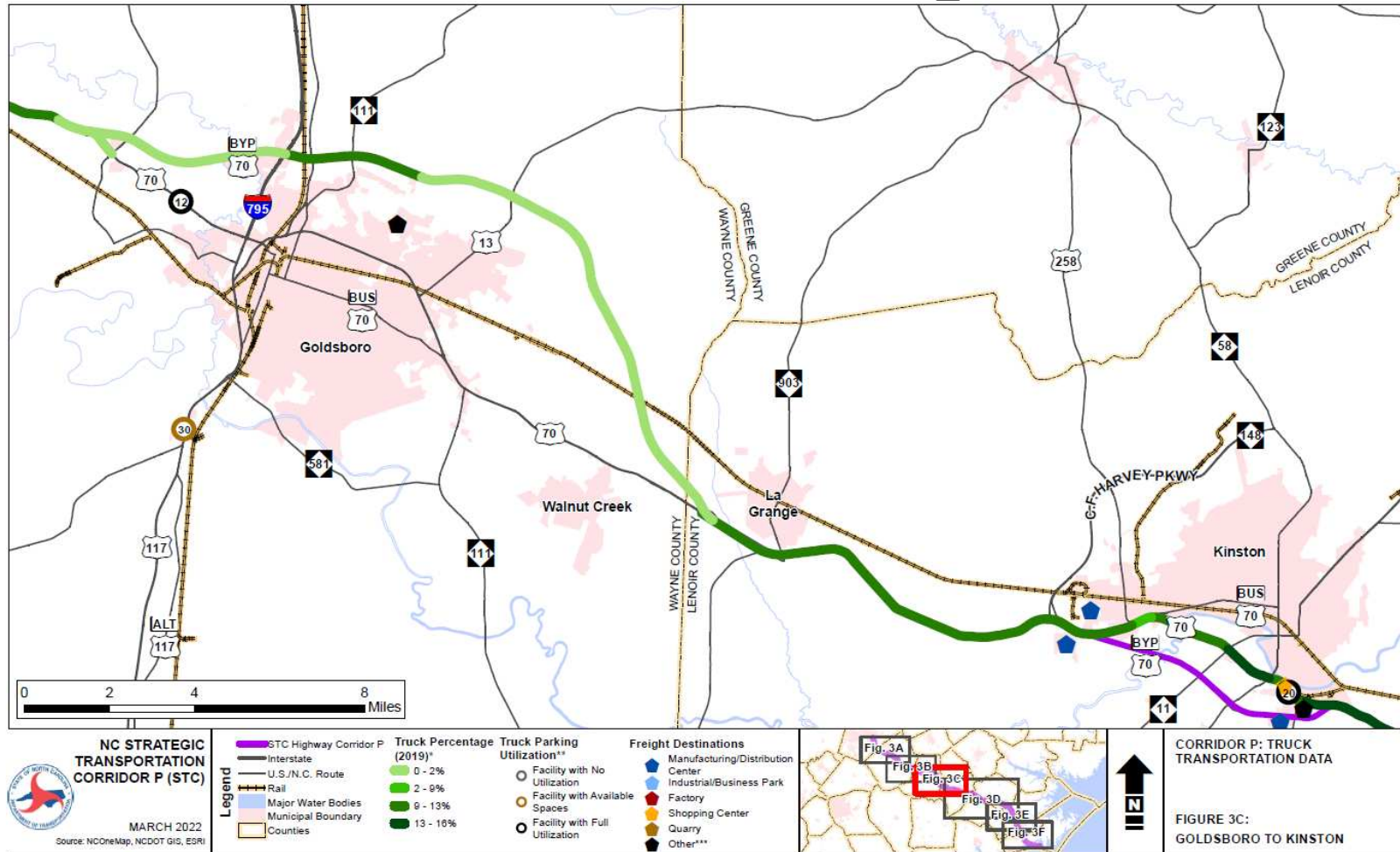
Resiliency Data



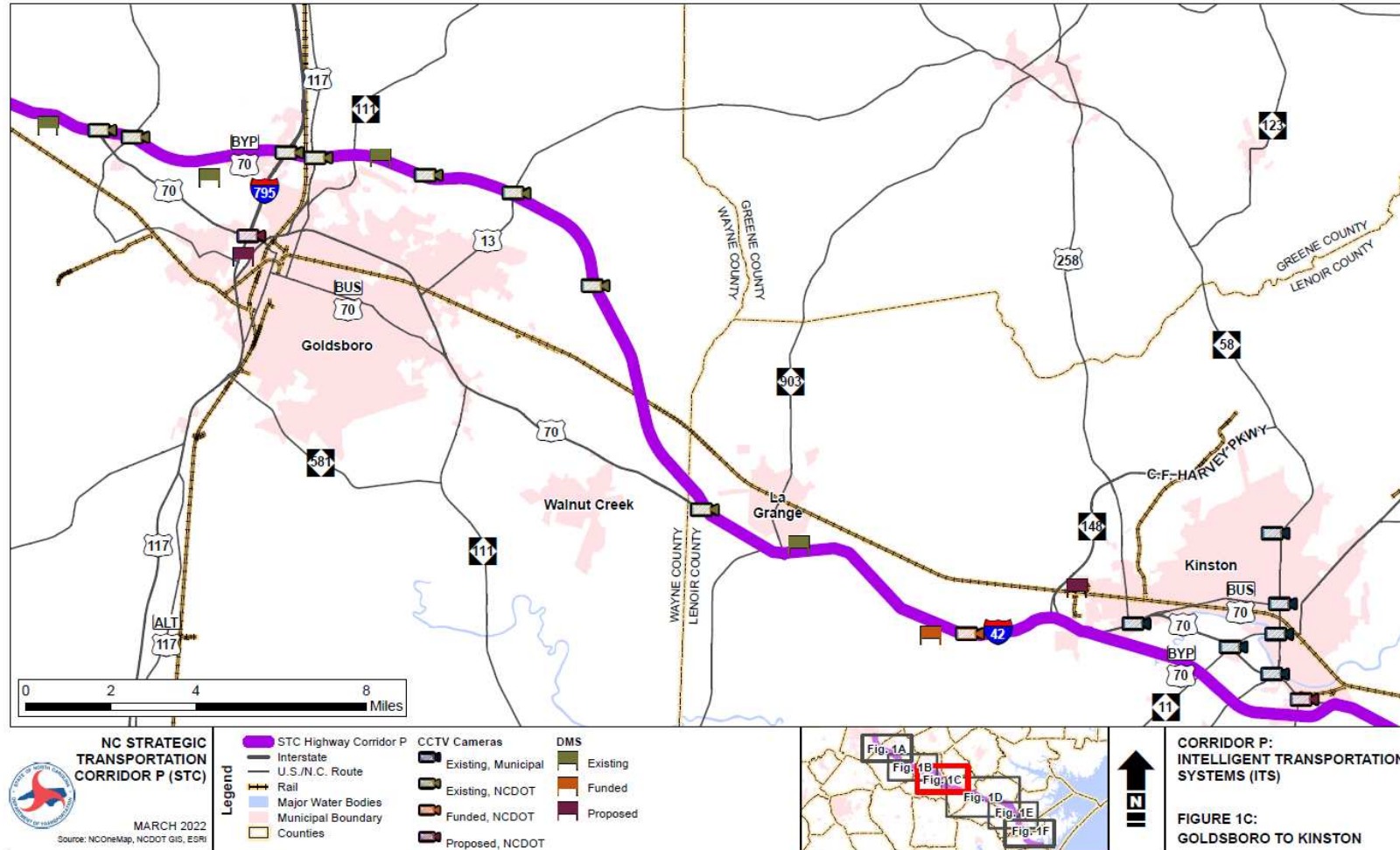
Electric Charging Stations



Truck Parking

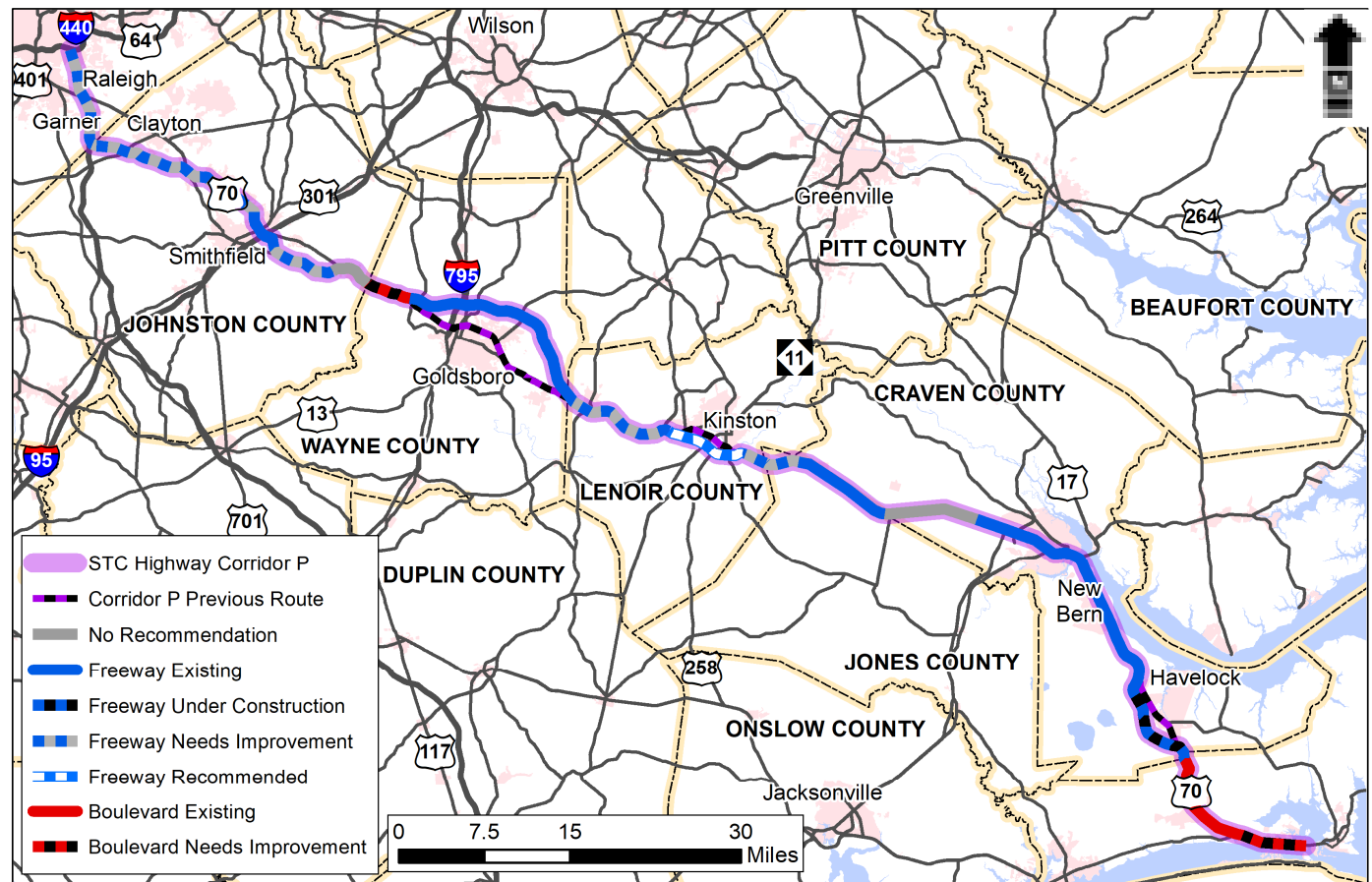


ITS / Connected & Autonomous Vehicles



Transportation Plan Recommendations

- Most of corridor recommended to be freeway
- In Carteret County, recommended to be boulevard



Corridor Vision

- Support reliable freight service and operations
- Facilitate economic development and safety
- Improve regional connectivity, including multimodal
- Support safe, reliable travel as part of the STRAHNET
- Build infrastructure to support alternative fuel corridor
- Improve resiliency of infrastructure

Long-Term Solutions (30 years)

- Freeway standards from Wake County to Carteret County
- Upgrade where appropriate through Carteret County
- Consider other roadways – existing or new – as part of solution into Port of Morehead City
- Change U.S. 70 evacuation route to follow Corridor P
- Implement truck mobility strategies

Interim Solutions (15 years)

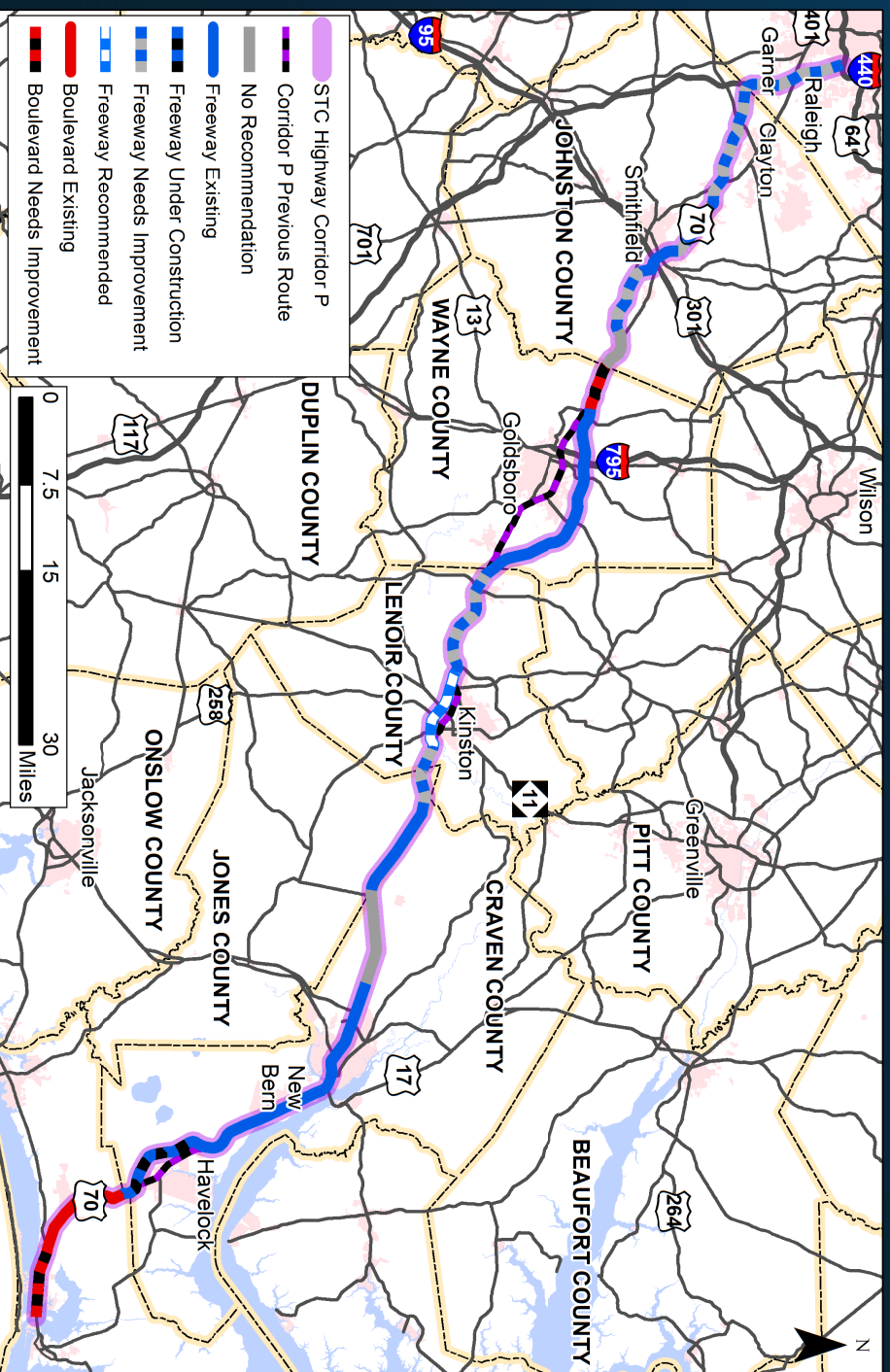
- Improvement segment within Carteret County, focused on mobility
- Identify multimodal needs as projects are funded
- Improve truck parking
- Add electric charging stations
- Improve resiliency



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Questions?

Strategic Transportation Corridors
– Corridor P



Corridor S: I-795/U.S. 117

Existing Conditions

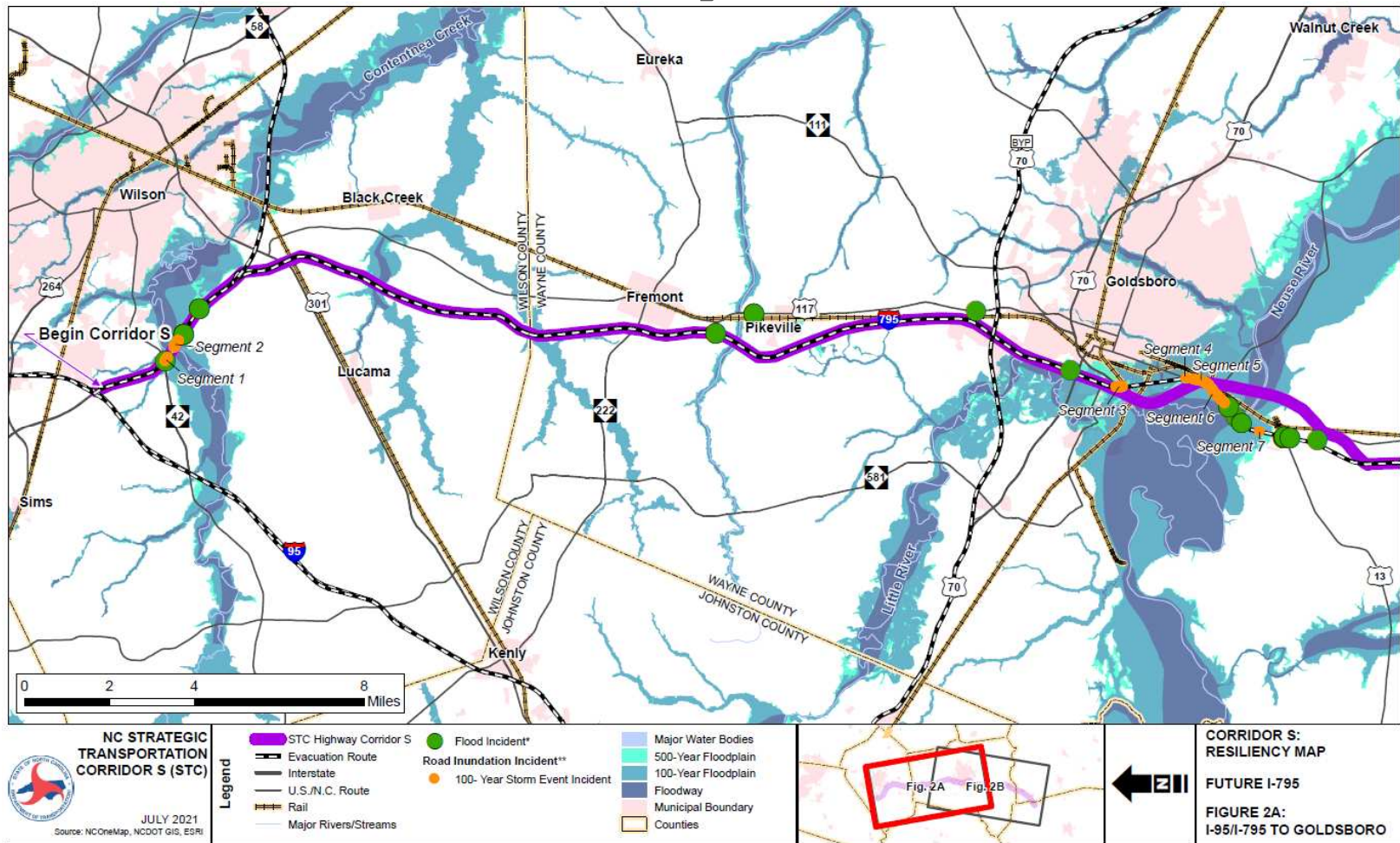
Roadway

- Federally-designated truck route
- Military route
- Evacuation route

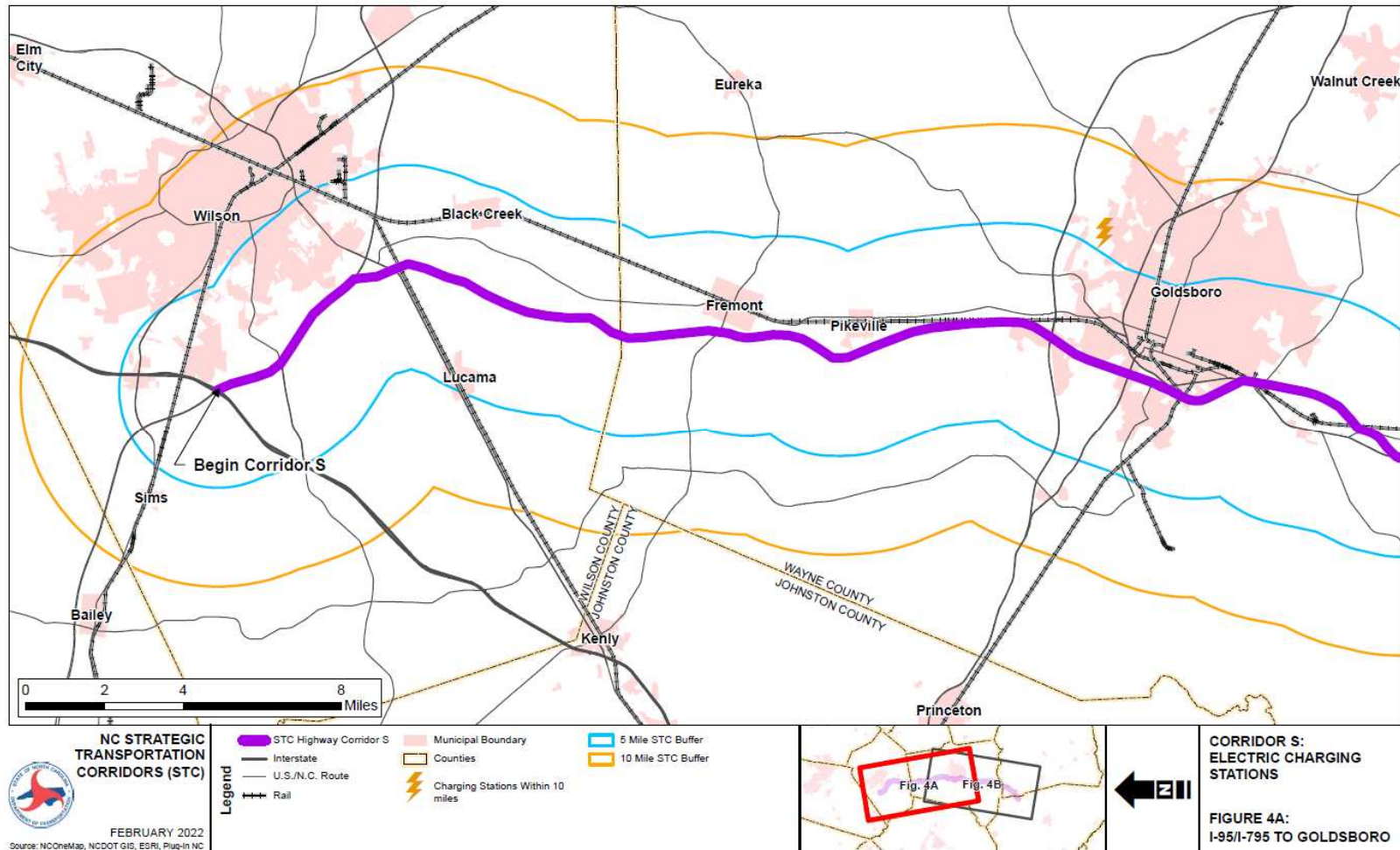
Bridges

- 50 bridges
- 9 functionally obsolete
- 2 structurally deficient

Resiliency Data



Electric Charging Stations



Truck Parking



NC STRATEGIC TRANSPORTATION CORRIDOR S (STC)

MARCH 2022
Source: NCOneMap, NCDOT GIS, ESRI

Legend

- STC Highway Corridor S
- Interstate
- U.S./N.C. Route
- Rail
- Major Water Bodies
- Municipal Boundary
- Counties

Truck Percentage (2019)*

- 0%
- 0 - 12%
- 12 - 15%
- 15 - 18%

Truck Parking Utilization**

- Facility with No Utilization
- Facility with Available Spaces
- Facility with Full Utilization

Freight Destinations

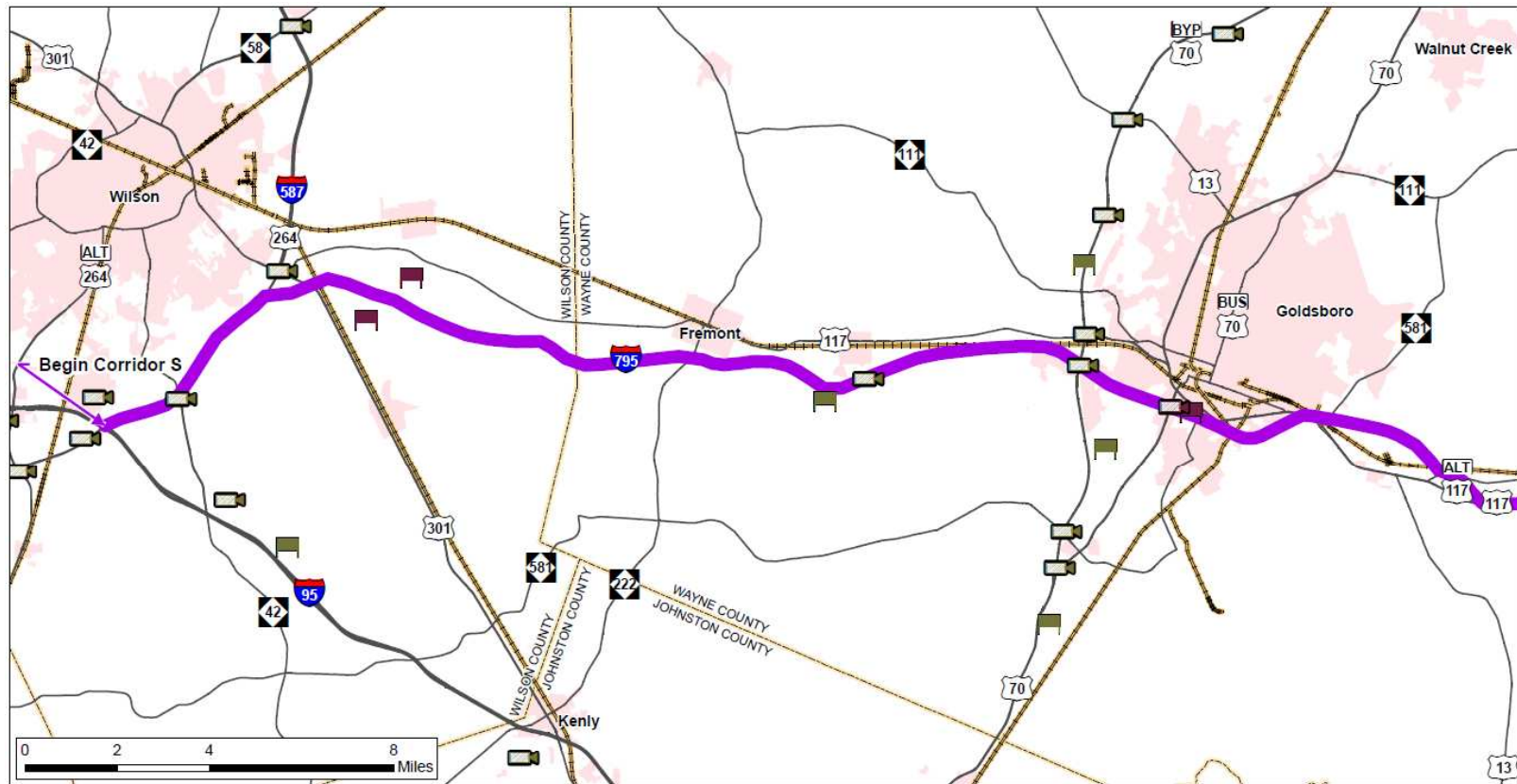
- Manufacturing / Distribution Center
- Factory
- Industrial/Business Park
- Other



CORRIDOR S: TRUCK TRANSPORTATION DATA

FIGURE 3A: I-95/I-795 TO GOLDSBORO

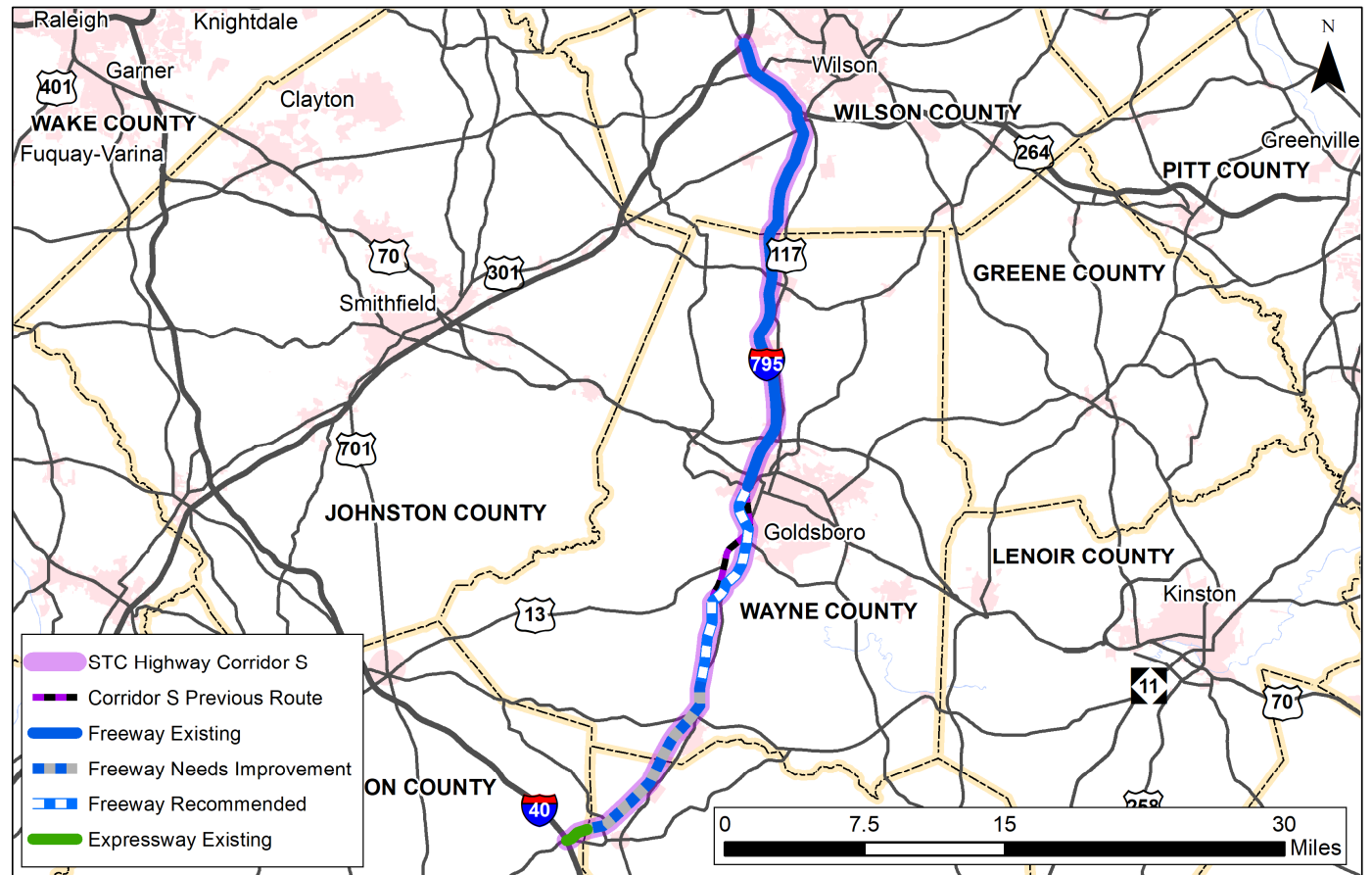
ITS / Connected & Autonomous Vehicles



<p>NC STRATEGIC TRANSPORTATION CORRIDOR S (STC)</p> <p>MARCH 2022 Source: NCOneMap, NCDOT GIS, ESRI</p>	<p>Legend</p> <ul style="list-style-type: none"> STC Highway Corridor S Interstate U.S./N.C. Route Rail Major Water Bodies Municipal Boundary Counties 	<p>CCTV Cameras</p> <ul style="list-style-type: none"> Existing, NCDOT Proposed, NCDOT 	<p>DMS</p> <ul style="list-style-type: none"> Existing Proposed 		<p>CORRIDOR S: INTELLIGENT TRANSPORTATION SYSTEMS (ITS)</p> <p>FIGURE 1A: I-95/I-795 TO GOLDSBORO</p>

Transportation Plan Recommendations

- Most of corridor already freeway or recommended to be freeway
- In Sampson County, existing expressway



Corridor Vision

- Support reliable freight service and operations
- Facilitate economic development and safety
- Improve regional connectivity
- Support safe, reliable travel as part of the STRAHNET
- Improve resiliency of infrastructure

Long-Term Solutions (30 years)

- Freeway along Future I-795
- Expressway in Sampson County near I-40 (1.25 miles)
- Implement truck mobility strategies
- Support Alternative Fuel Corridor nomination

Interim Solutions (15 years)

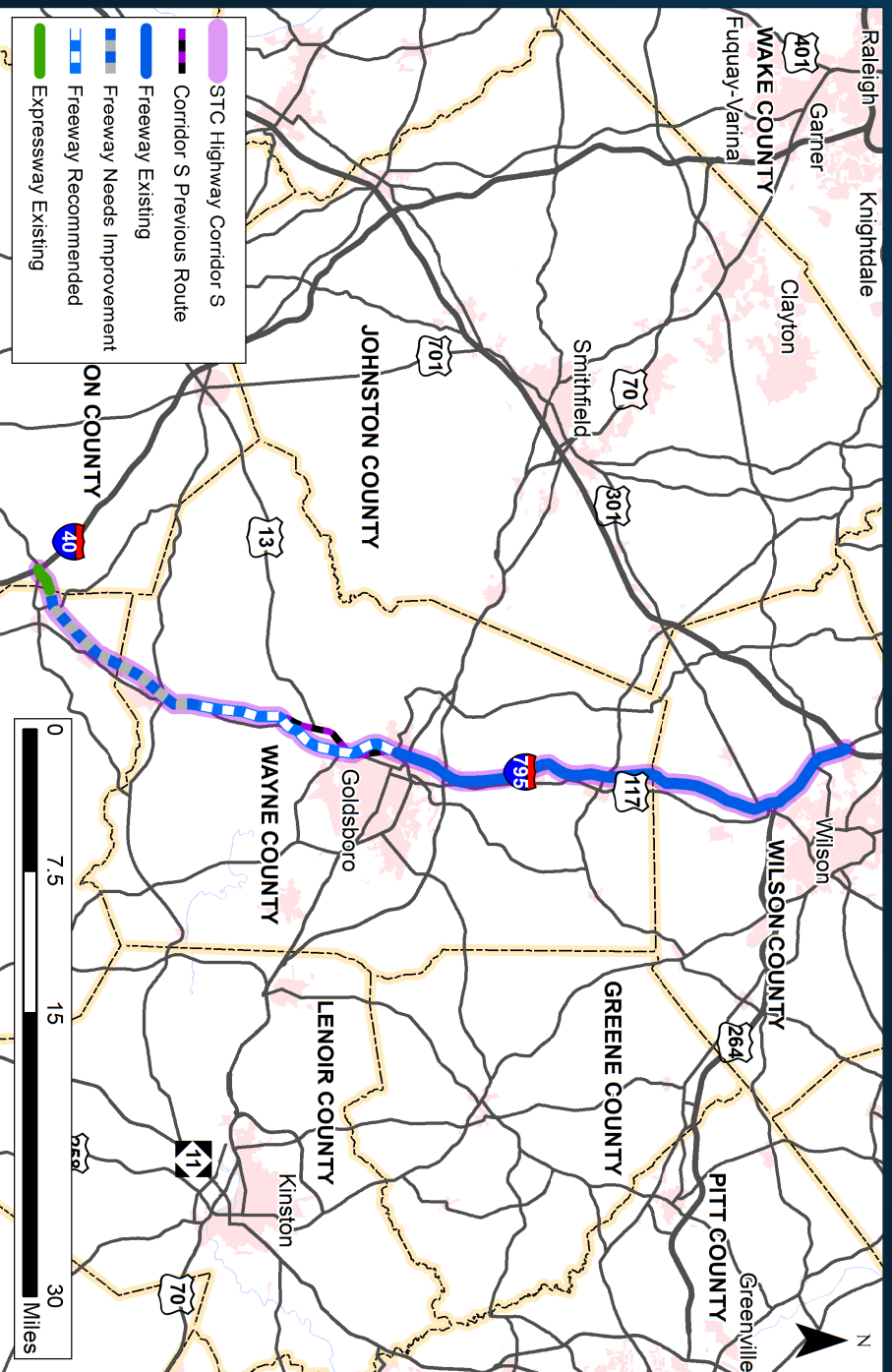
- Interim improvements on section in Wayne County not funded as a freeway
- Improve truck parking
- Add electric charging stations
- Improve resiliency



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Questions?

Strategic Transportation Corridors
– Corridor S



Corridor S: U.S. 13/U.S. 264/N.C.
11/C.F. Harvey Pkwy/U.S. 258

Existing Conditions

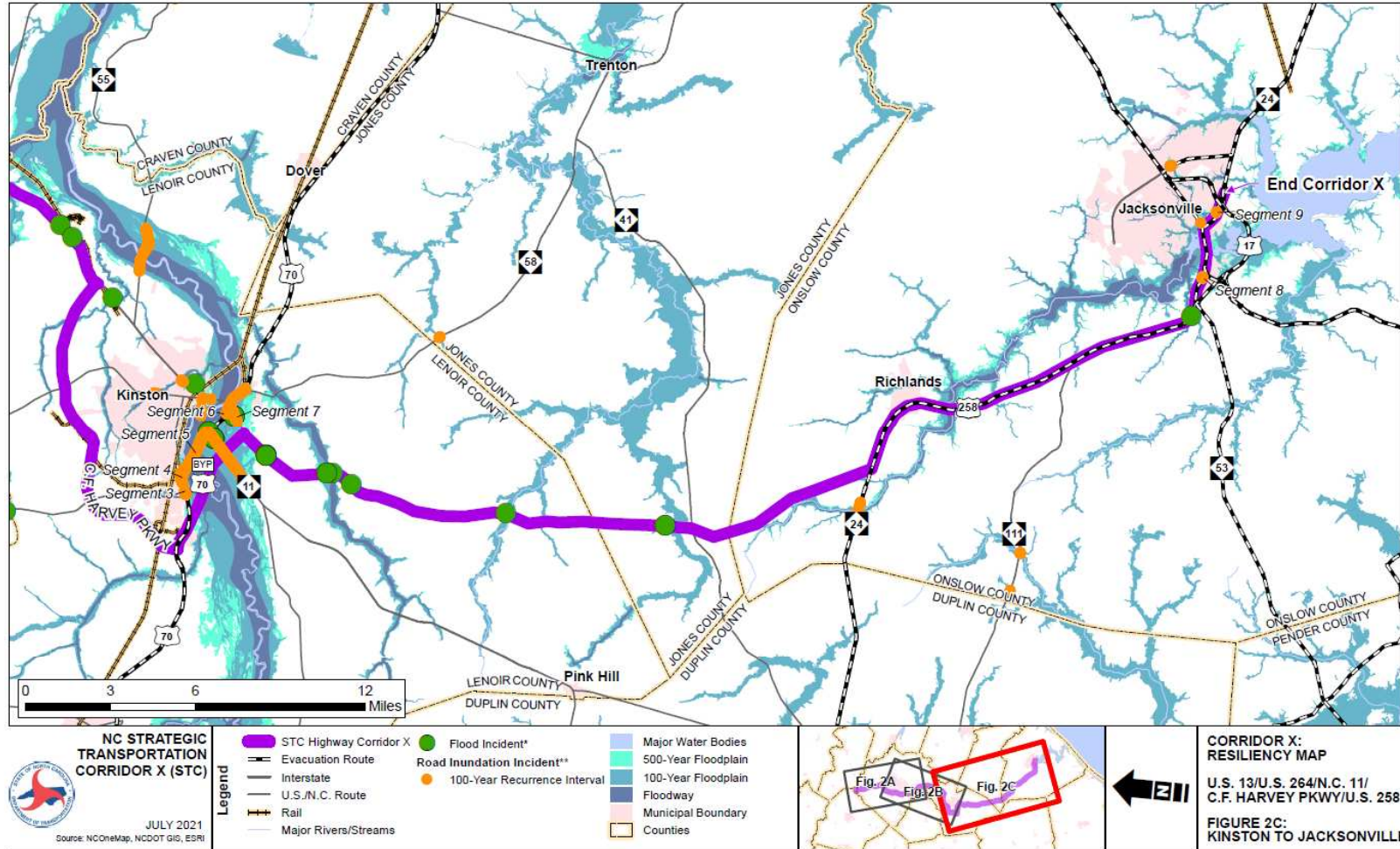
Roadway

- Federally-designated truck route
- Evacuation route (Onslow Co)

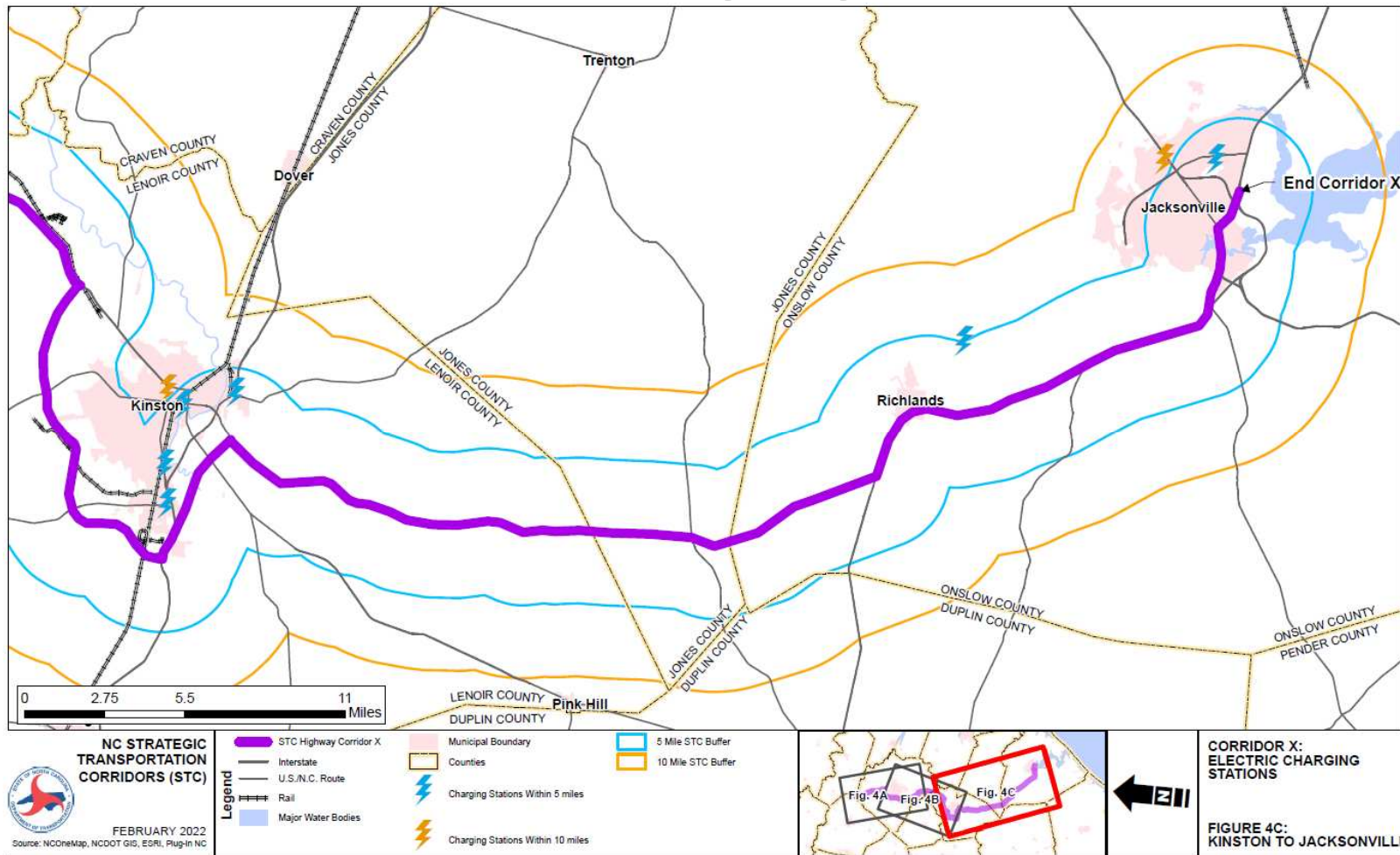
Bridges

- 63 bridges
- 8 functionally obsolete

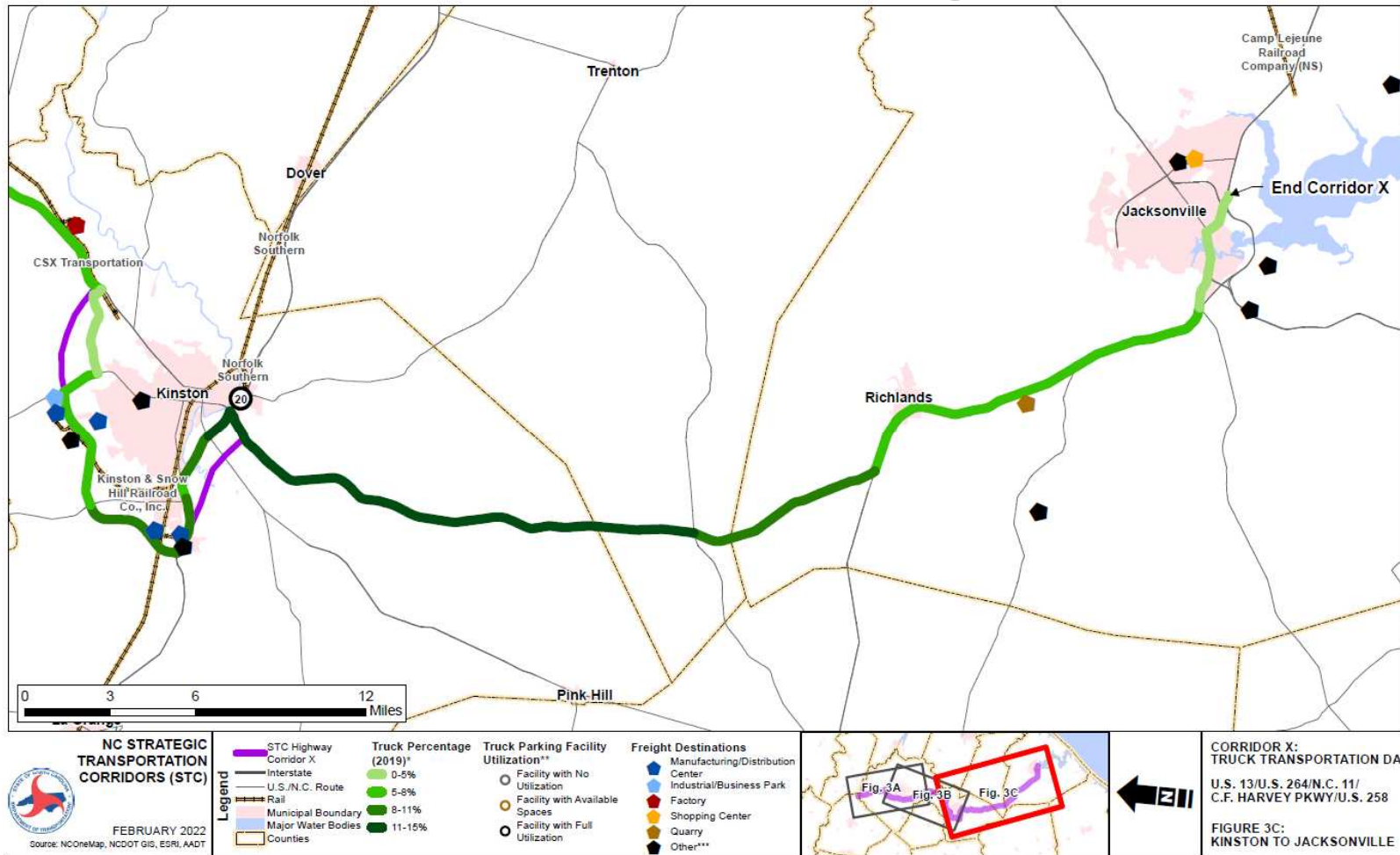
Resiliency Data



Electric Charging Stations

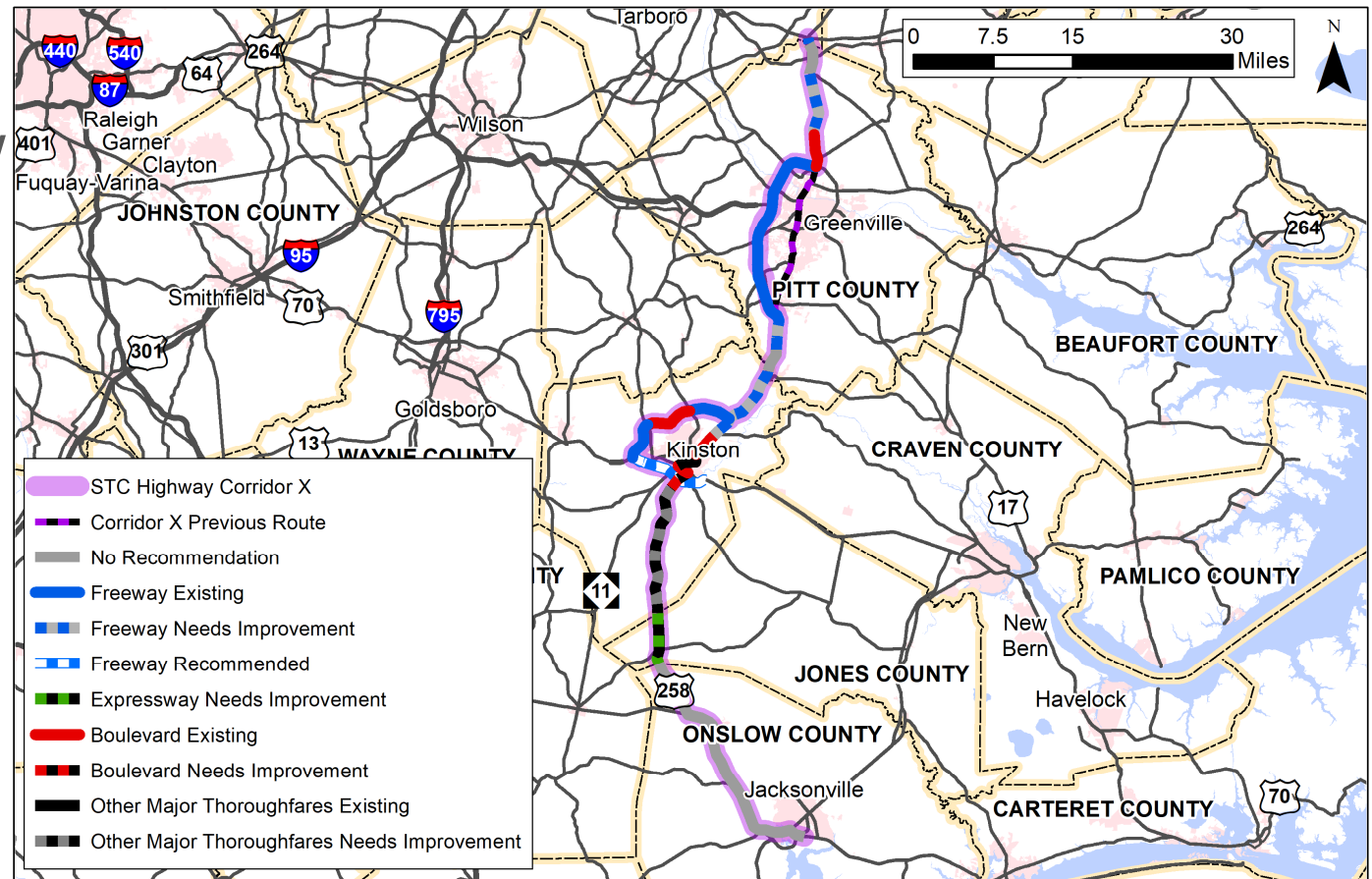


Truck Parking



Transportation Plan Recommendations

- Alignment changed to follow Greenville Byp and CF Harvey Pkwy
- South of Kinston, corridor not recommended to be freeway



Corridor Vision

- Urban areas:
 - Support reliable freight service and operations
 - Facilitate economic development
 - Support safe, reliable travel as part of the STRAHNET
 - Support transit needs
 - Improve resiliency of infrastructure
- Rural areas:
 - Facilitate economic development
 - Support multimodal and transit needs
 - Improve resiliency of infrastructure

Long-Term Solutions (30 years)

- Urban areas:
 - Upgrade existing facilities to expressway standards
 - Upgrade to freeway standards as needed
 - Implement truck mobility strategies
 - Support Alternative Fuel Corridor nomination
- Rural areas:
 - Upgrade to boulevard or expressway standards

Interim Solutions (15 years)

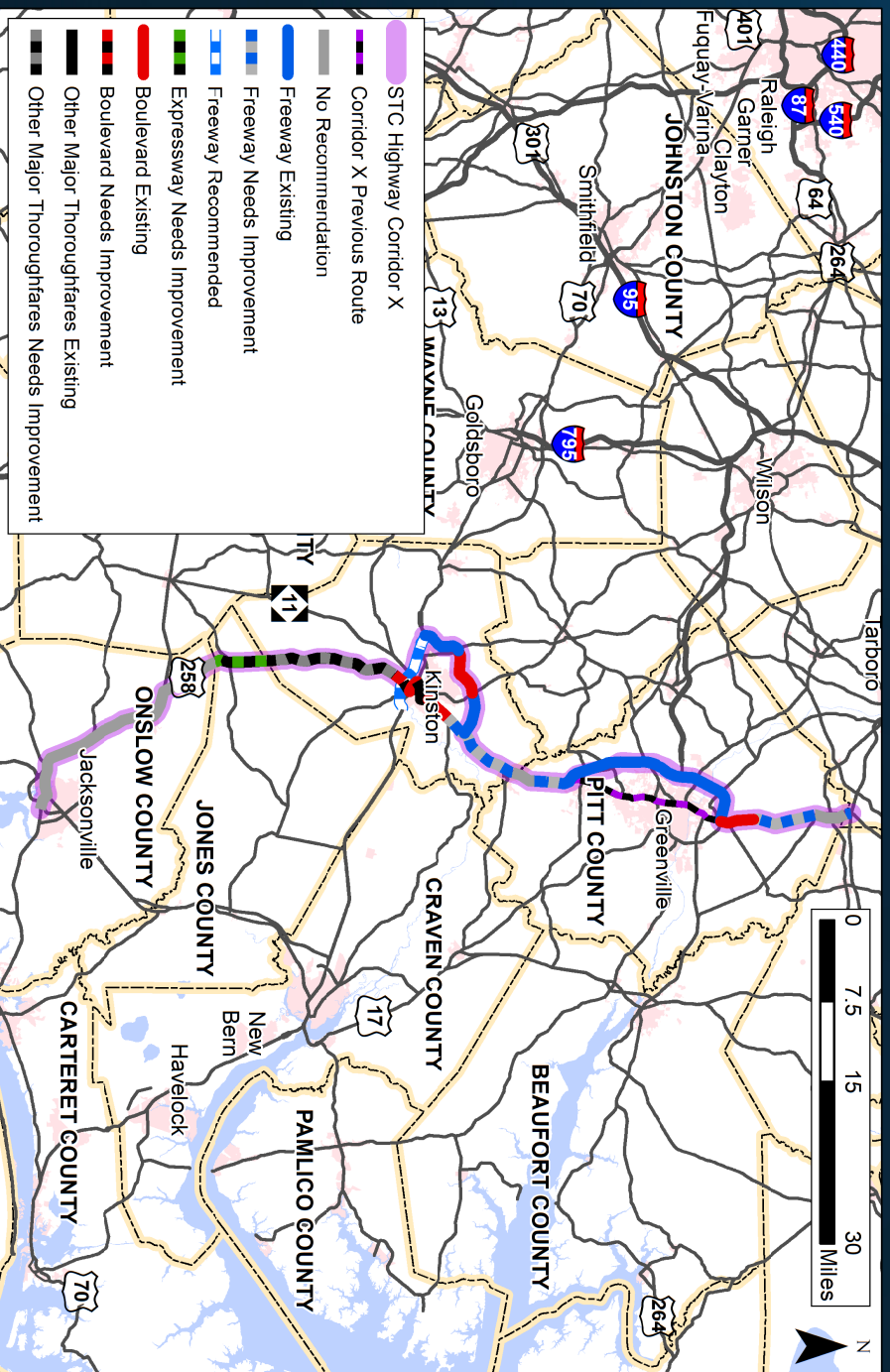
- Continue to improve roads based on localized needs
- Upgrade to freeway standards as appropriate
- Improve truck parking
- Add electric charging stations
- Improve resiliency



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Questions?

Strategic Transportation Corridors
— Corridor X



Stakeholder Involvement

Survey deployment

- Goal: To understand stakeholder vision and ideas for corridor preservation and improvement
- External Steering Committee, MPOs, RPOs, stakeholders
 - Committee to receive a survey link to share with constituencies
- Survey will be available for 30 days

Next Steps

Distribute and Summarize Survey
Summer 2022



Complete Master Plan Visions
Fall 2022

Contact Information

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