



NORTH CAROLINA
Department of Transportation

Freeway, Arterial, Street & Tactical (FAST) Transit Priority Infrastructure Study

Project Scoping Meeting

June 22, 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

Today's Agenda

- Introductions
- Phase 1 background
- Purpose of FAST Transit Study 2.0
- Scoping overview
- Status update on funding partners
- Consultant team selection process
- Next steps

Introductions

Phase 1 Study Background

Original FAST Study 2020-21

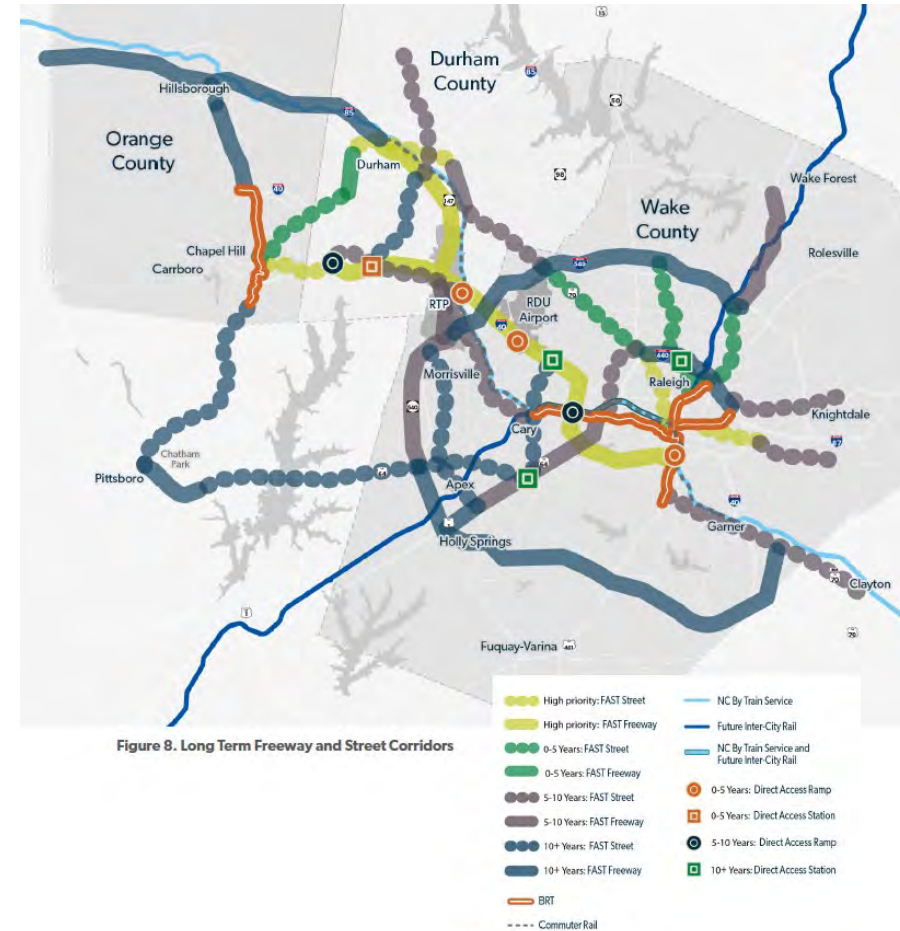
An initial FAST vision study was coordinated by the regional business community and funded by a 50:50 private-public partnership by:

- Regional Transportation Alliance
- NCDOT / NC Turnpike Authority
- GoTriangle

Objectives of Original FAST Study:

- Develop a FAST approach and mindset
- Identify investments that will create multimodal freeways & streets
- Advance regional FAST networks

Original FAST Study 2020-21



Original FAST Study 2020-21

“The Department believes the FAST approach could serve as a template for many areas across the state to advance regional transit. We greatly appreciate RTA for initiating the study effort.”

– *Julie White, Deputy Secretary for Multimodal Transportation, NC Department of Transportation*

“We look forward to using this study as a cooperative approach for building transit solutions that will better serve the community, strengthen our transportation network and maintain the region’s reputation as a great place to live and work.”

– *Charles Lattuca, president and CEO, GoTriangle*

“The regional business community and our study partners are committed to the transformation of our highway network into true multimodal freeways and streets that provide significant and sustainable advantages for public transit, along with enhanced accessibility and mobility for all modes of travel.”

– *Joe Milazzo II, PE, executive director, RTA*

FAST Transit 2.0 Premise

FAST 2.0 Overview

The partners recognize that the most time- and cost-effective method of quickly creating an interconnected, enhanced regional transit network that can broadly serve the metropolitan Triangle will be to leverage the existing and proposed freeway and regional boulevard network.

FAST 2.0 Overview

1. Make our freeways and regional boulevards “transit ready.”
2. Develop one or more BRT corridors to connect to RDU Airport
3. Advance SMART freeway corridors
4. Formulate a regional vision, goals and brand for transit and mobility

Scope Overview Document Will Evaluate:

- Broader geographic area
- Primary focus on freeways and regional boulevards
- Selected targeted emphasis corridors including I-40, I-885
- Improved transit rider experience and expanded Bus on Shoulder System (BOSS)
- Dynamic transit priority shoulders, including potential toll opportunities
- Express lanes with transit priority
- One or more direct linkages to RDU
- BRT or FAST transit linkage between I-40 and relocated regional transit center
- On-ramp signals and freeway connector ramp signals
- Variable speed limits
- Transit signal priority standardization
- Example bus stop/station designs or layouts
- Example bike/ped access improvements

FAST 2.0 Deliverables

- Actionable materials for planners and other transit and transportation professionals
- Accessible marking materials for the public to gain understanding and support for FAST transit network, particularly along SMART freeway and arterial corridors
- Improvements that will benefit all users, not just transit
- Create, reinforce regional plan, perspective and vision

Feedback Received on Scoping Overview Document

- Opportunities for when to use different highway treatments (i.e. constrained ROW)
- Discussion on transit stations
- The use of express designs
- Further evaluation of toll proceeds
- Coordinate with ongoing studies, NCDOT units/divisions
- Confirmation of level of BRT required/assumed for connection to RDU
- Clarification on certain infrastructure types and needs

FAST Transit 2.0 Funding Partners

FAST 2.0 Partners:

RTA
NCDOT

Cary
Chapel Hill
Durham
Raleigh

Durham Co.
Wake Co.
Orange Co.
Johnston Co.
Chatham Co.

CAMPO
DCHC-MPO
GoTriangle
RDU Airport

NCDOT will manage and help coordinate the study.

Ability to reserve project funds (10-20%) for possible scope additions as project proceeds

Consultant Selection

Consultant Selection Process

- Will follow NCDOT procedures
- Procure one of our on-call bench consultants
- Scope refinement

Executing Local Agreements

- NCDOT Local Programs Unit will execute local agreements with funding partners
- Collect funding contributions

Next Steps

Next Steps

- **June 22:** Scoping Overview Meeting
- **Prior to July 4:** NCDOT will solicit firm interest
- **Week of July 17:** Firms respond to NCDOT
- **July 21:** RTA Transportation Breakfast to introduce project
- **July 31:** Funding partners provide feedback/recommendation to NCDOT
- July Establish and execute agreements with funding partners running concurrently

Thank you!



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