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

September 7th, 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
**IMD GOALS**

**Increase Access**
Eliminate transportation barriers and ensure all North Carolinians have equal access to opportunities and services.

**Enhance Quality of Life**
Offer a convenient network of multimodal choices to enhance the quality of life for North Carolinians.

**Ensure Safety**
Ensure all road users can travel safely by building complete streets and proactively correcting areas susceptible to crashes involving vulnerable road users.

**MISSION**
Provide leadership for safe, affordable, and innovative multimodal transportation throughout North Carolina.
IMD Planning Initiatives

7 workshops across the state and technical assistance
Prepares agencies to leverage IIJA funding and provides resources for visioning, prioritizing goals, and ongoing support for implementation

Mobility as a Service (MaaS)
Seamlessly plan-book-pay for travel across all modes
Assesses the availability and feasibility of MaaS services for a statewide platform

266 grants + $8.7M
Develops comprehensive bicycle plans and pedestrian plans with an added transit component

Upper Coastal Plain + High Country + Land of Sky RPO
Promotes coordinated regional planning across agency boundaries, consolidating requirements for state and federal funding programs

Feasibility Studies / Research / Grants
Assesses the feasibility of introducing microtransit to complement or replace fixed-route and demand response services throughout the state

Freeway And Street-based Transit
Makes recommendations and provides techniques for improving North Carolina roads for buses so people can rely on public transportation to get to work, education, shopping and recreational activities.
Triangle Region Freeway, Arterial, Street & Tactical (FAST) Transit Priority Infrastructure Study (2021)

- Original study completed in 2021
- Partnership with local governments, the regional business community, regional planning bodies, and regional transit providers
- FAST (1.0) Objectives:
  - Develop and illustrate an example regional FAST network
  - Create a guidance framework for quickly implementing transit advantages for communities
  - Help institutionalize transit priority measures in the statewide planning and development process.
FAST 2.0 Overview

- Formulate a regional vision, goals and brand for transit and mobility
- Accelerate the implementation of Freeway, Arterial, Street, and Tactical (FAST) transit priority infrastructure – Make our freeways and regional boulevards “transit ready.”
- Evaluate potential BRT corridors & connections to RDU Airport
- Advance SMART (Systematic Management of Adaptable Roadways through Technology) freeway corridors

Freeway, Arterial, Street, and Tactical (FAST) transit is a scalable approach for quickly integrating “transit advantage” infrastructure along the roadway system to support enhanced transit service. The “FAST” approach prioritizes transit efficiency and reliability while improving mobility for all users.
FAST 2.0 Potential Focus Strategies

- Bus station/stop design & layout
- Direct BRT linkages to RDU
- Transit signal prioritization standardization
- Express lanes, expanded BOSS, dynamic shoulders
- Bicycle & pedestrian access improvements
- Mobility-as-a-service & single digital ticketing solutions
- Mobility hubs, complete streets, & micro-mobility solutions
FAST 2.0 Deliverables

• Vision and brand for multimodal transportation in the Triangle Region
• Actionable materials for planners and other transit and transportation professionals
• Accessible marketing 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
Scoping overview meeting held with study partners

Consulting Firm Selection (3 interviews)

Scope Development

Agreements Execution (Oct BOT)

Project Kickoff
Contact Us

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