Fayetteville Outer Loop Update

- Planning began in late 80’s
- I-95 to Ramsey Street completed 2005
- Ramsey to AAF 2016 completion
- AAF to Cliffdale 2019 completion
- Remainder of Loop funded through STI in 2015
- Anticipate completing Loop by 2025
Airborne & Special Operations Highway
I-295 (Fayetteville Outer Loop)
I-95 to Ramsey Street

Open 2005

Fort Bragg

Fayetteville

Eastover
I-295
(Fayetteville Outer Loop)

- All American Freeway to Cliffdale
- Cliffdale to Raeford
- Camden to I-95
I-295 (Fayetteville Outer Loop)
Ramsey Street to Bragg Boulevard

Ramsey Street to Bragg Boulevard – August 2016
I-295 (Fayetteville Outer Loop)
Ramsey Street to Bragg Boulevard
I-295 (Fayetteville Outer Loop)

Span – 298 feet
Girders - 139 tons, 11 feet tall
I-295 (Fayetteville Outer Loop)
Bragg Boulevard to All American Freeway
Completion – December 2016
I-295 (Fayetteville Outer Loop)
I-95 to All American Freeway
I-295 (Fayetteville Outer Loop)  
I-95 to All American Freeway
I-295 (Fayetteville Outer Loop)
I-295 (Fayetteville Outer Loop)  
All American Freeway to Cliffdale Road  
Completion Summer 2019
I-295 (Fayetteville Outer Loop)
All American Freeway to Cliffdale Road
I-295 (Fayetteville Outer Loop)
I-295 (Fayetteville Outer Loop)
I-295
(Fayetteville Outer Loop)

5 New Segments
• U-2519CA - 2016 Let
• U-2519BA/BB - 2019 Let
• U-2519AA/AB – 2017 Let

Overall Completion Prior to 2025

STI Funding - $412.1 million
I-295 (Fayetteville Outer Loop)

- Total Miles of Loop 39
- Total Lane Miles 254
- Structures 85 bridges and 4 flyovers
5 County Transportation Division managing preconstruction, construction and maintenance operations

- 6193 road miles
- 994 bridges

- 134 Division Managed Projects
- 90 – Planning and Design
- 44 let to contract
- 19 Central Managed
- 40 Bridge Projects
- TIP, Contingency, Economic Development, Local Admin., Safety, High Impact Low Cost etc.
• NTP
• Planning
• Utility Design and Coordination
• Right of Way
• Design
• Let
• Use of LSA and GESC
• NTP

- Generally 2 task orders
  - Task order 1 – Document and Utility Coordination
  - Task order 2 – Design, Right of Way and Let
  - Task order 1 is usually cost plus
  - Task order 2 is usually lump sum
  - Surveying is typically managed by Location and Surveys
  - Projects generally turn key
  - Bridge projects and smaller projects one task order

- Timeframe
  - Averaging 60 to 90 days
  - Goal – 30 days

- Improvements
  - Review time on man-day estimates from each discipline has improved
  - Division is preparing estimates
  - Standardize scope for each discipline – D6 Project Development working on this effort
Planning

• Screening all projects as CE - type III checklist
• Use lidar for functional designs
• Division generally managing projects with CE and EA
• More flexibility from FHWA and Agencies on CE’s
• 12, 24 and 36 – 12 months doable on most projects
• Volume of work for Cultural Resources can be a challenge
  • Early involvement
• Communication with FHWA and Agencies
  • Early and frequent communication on NEPA
  • Jim Rerko and Greg Price – relationships with Agencies
• Planning process should involve early utility coordination!
• Public Involvement
Utilities

- Utility coordination in task order 1
- Utility coordination through conflict resolution
- Utility design and UBO in task order 2
- Starts early in the planning process!
- Persistent efforts through the life of the project until conflict is resolved
- Early 30% hydraulic design
Right of Way

- Included in task order 2
- Require report B from the consultant
- Early identification of PUE’s
- Strategies for Project Delivery
  - Phased right of way
  - Advanced acquisition for total takes and relocates
    - Prior to document using states funds
    - After public meeting
- Appraisal challenges
Design

• 25%, 75% and 100%
• Design simultaneous with planning
• Flexible and Innovative

Let

• Quantities
• Proposal – Division provides template – state and federal
Approach to Project

- Do not use one size fits all
- Need processes but do not lock in
- Purchase order contracts allow up to $5 million
  - First and Third Wednesday
- Raleigh let over $5 million
- Expecting PEF to manage the project
  - Welcome questions... with a recommendation
  - Take ownership of the project
LSA

- Turnkey projects in general

GESC

- Extension of Division and Central Staff
- Project Management
- Independent man-day estimates
- Project design and review
- Drainage studies and design
- Signal design and project management
- Safety Studies
- Traffic Investigations
- Agreements

Project Examples
Upcoming projects

Doing business with NCDOT – Robert Stroup, Professional Services Management Unit
Contact Information (919) 707-7133
rstroup@ncdot.gov
Contract Work

- First Step / How to Get Started
  - Your Firm must be in the NCDOT Vendor System, prior to bidding
  - SBE – Certification
    - Under the provisions of this Program, firms are required to be certified as a SBE Contractor with the Contractual Services Unit of NCDOT, and be listed in the NCDOT Directory of Transportation Firms, prior to bidding
    - The application packet and additional information on the program may be obtained online at: https://connect.ncdot.gov/business/SmallBusiness/Pages/default.aspx
  - POC – Prequalification
    - Effective July 1, 2014, Division Let Contracts shall only be awarded to firms listed in the NCDOT Directory of Transportation Firms, prior to bidding, as either a Bidder or PO Prime Contractor
    - The application packet and additional information on the program may be obtained online at: https://connect.ncdot.gov/business/Prequal/Pages/default.aspx

- Once your Firm is Certified and/or Prequalified
  - Monitor the NCDOT Division 6 Website for upcoming projects at: https://connect.ncdot.gov/letting/Pages/Division6Letting.aspx