

SC 277 NB over I-77 Bridge Replacement Project

Richland County

Early Coordination Meeting

October 31, 2017

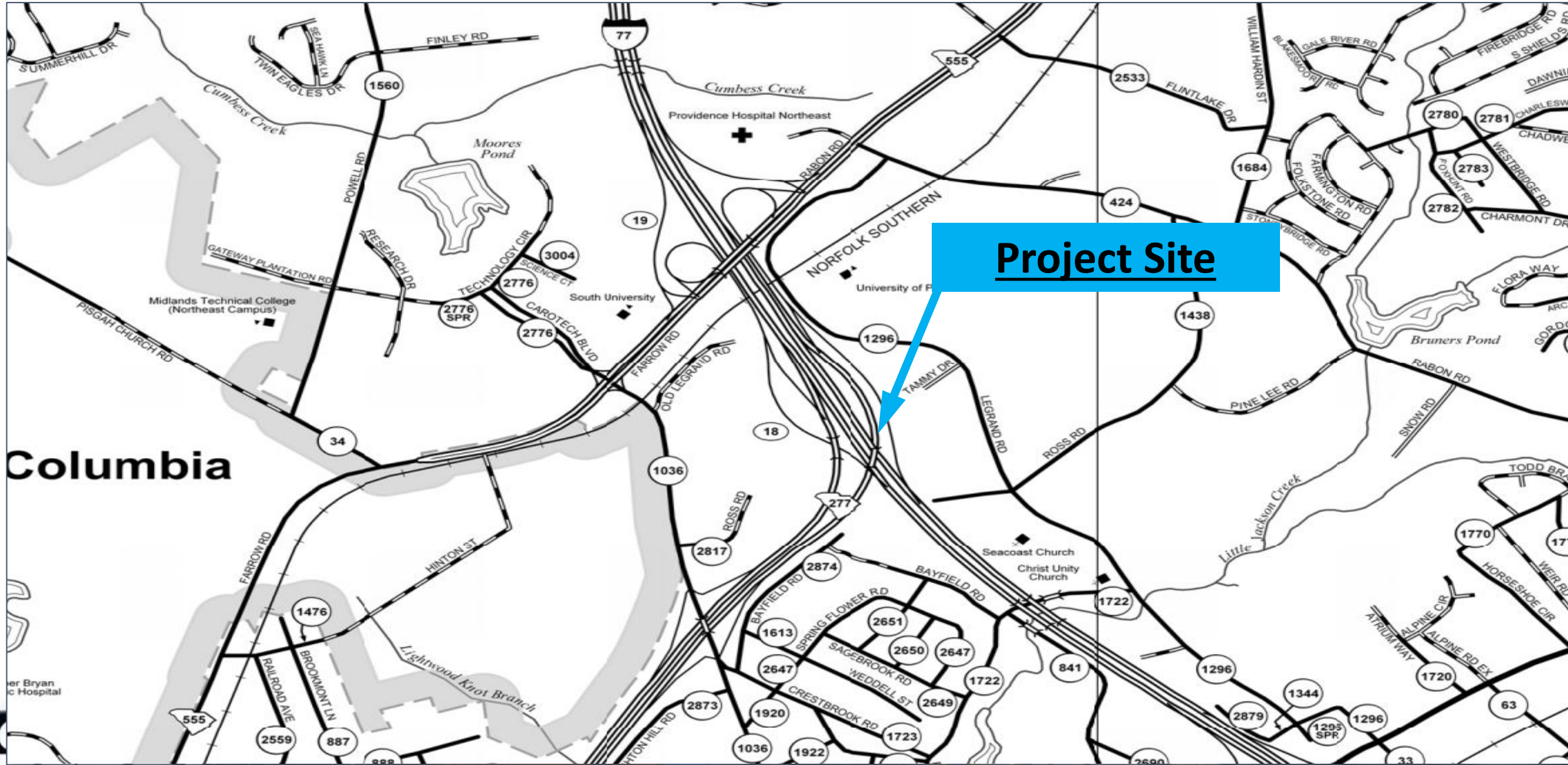


Disclaimer

- All information provided today is for information only, non-binding, does not constitute legal or other advice, and does not amend or form part of the Final Request for Proposals (RFP).



Location Map



Corridor History

- Mid to Late 1970's - existing flyover bridge was constructed during the new I-77 Construction Project.
- Early 2016 to late 2018 – beneath the bridge, I-77 is being widened from four to six lanes, I-77 widening expected to be substantially complete prior to SC 277 NTP.
- Late 2016 – SC 277 NB over I-77 Bridge Replacement identified in STIP.



Purpose and Need

- **What does the project do (Purpose)?**
 - The purpose of the project is to correct structural deficiencies of the existing bridge, and;
 - To bring the bridge and roadway up to current standards.
- **Why is the project necessary (Need)?**
 - The project is needed because the superstructure is in poor condition.



Existing Conditions

- **Typical Section - Two (2) twelve foot travel lanes heading northbound with five foot inside shoulder and ten foot outside shoulder.**
- **Bridge Length – Approximately 630 LF.**
- **Superstructure Type – Conventionally reinforced box girder (not post-tensioned).**



Proposed Project

- **Replace the existing bridge with a bridge that meets current standards.**
- **Typical Section - two twelve foot travel lanes and two ten foot shoulders.**
- **Approach pavement type will be Asphalt**
- **Traffic Volumes (ADT)**
 - **2019: 25,650 VPD**
 - **2039: 30,800 VPD**



NEPA Status

- **CE Document**
 - Prepared and finalized August 16, 2017.
 - Available on the project webpage.
- **Alignment**
 - Shifts to east and west were evaluated to establish NEPA footprint.
 - Designs outside of study area will require re-evaluation
- **Commitments**
 - Certain conditions may require noise analysis.
 - Impacts will not exceed USACE General Permit.



Anticipated Procurement Info

- **Selection Procedure**
 - Two-phase with RFQ and RFP.
- **Method for Award**
 - Weighted criteria method with a scoring criteria consisting of cost proposal, technical proposal, and quality credits.
- **Alternative Technical Concepts (ATCs)**
 - Expect to use ATCs with stipends.



Project Milestones

Advertise RFQ	December 1, 2017
Deadline for Submittal of SOQ	January 2, 2018
Announcement of Short-Listed Proposers	February 6, 2018
Issue RFP for Industry Review	February 2018
Issue Final RFP	April 2018
Submittal of Technical Proposals	August 2018
Public Announcement	September 2018





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