

B-3174/B-3272 Project Synopsis

- TIP Project B-3174 is the replacement of Bridge #306 over NC 6 on US 29-70-220-421 and B-3272 is the replacement of Bridge #318 over US 29-70-220-421 on McConnell Street. Both sites are located in Greensboro in Guilford County.
- Planning studies have been completed. The Categorical Exclusion (CE) was approved March 29, 2002. Copies of the CE will be made available to the short-listed teams.
- The general scope of work consists of the replacement of Bridge #306 and approaches over NC 6 on US 29-70-220-421 and the replacement of Bridge #318 and approaches over US 29-70-220-421 on McConnell Street.
- Right of way acquisition will be the responsibility of the D/B Team.

Public Involvement Work:

- The D/B team will need to work with the Division 7 Office and the Construction Unit during the construction of the project to keep the public informed of lane closures, construction progress, etc.

Roadway Design Work:

- Design and construct Bridge 306 and approaches over NC 6 (East Lee Street) on US 29-70-220-421 in Greensboro and Bridge 318 and approaches over US 29-70-220-421 on McConnell Street in Greensboro. The Design Build Team shall design and construct US 29-70-220-421 to a multilane facility, shall meet Freeway standards, and meet 60 mph design speed. McConnell Street will be designed and constructed as a 2-lane roadway, shall meet urban collector standards, and meet 40 mph design speed.

Structure Design Work:

- Replacement of Bridge #306 over NC 6 on US 29-70-220-421 and replacement of Bridge #318 over US 29-70-220-421 on McConnell Street.

Hydraulics Work:

- Drainage design has been completed.

Pavement Design Work:

- Final pavement design will be provided.

Location Surveys Work:

- Full electronic surveys are completed and will be available to the selected D/B team.
- Existing utilities are located and are included with the survey data. Any additional SUE work will be the responsibility of the D/B team.
- Any structure surveys will be the responsibility of the D/B team.

Geotechnical Investigations:

- Geotechnical investigations for the roadway and structures have been completed.

Erosion Control Work:

- All erosion control designs will be the responsibility of the D/B team.
- The Erosion Control Plan will be prepared using NCDOT standards and will be reviewed and approved by the Roadside Environmental Unit.
- The D/B team must have a full time erosion control inspector on the project.

Signing Work:

- Signing will be required and will be the responsibility of the Design Build Team.

Traffic Control and Pavement Marking Work:

- A list of parameters such as lane closures, time restrictions, pavement marking and general TCP guidelines will be developed for the short-listed teams.
- Traffic Control Plans will be developed by the D/B team and will have Division 7 approval.

R/W Acquisition:

- Right of Way will be the responsibility of the Design Build Team.
- If any UST's are discovered within the proposed right of way it will be the responsibility of the Design Build Team to contact the Geotechnical Unit and arrange for their removal.

R/W Utilities, Conflicts and or Construction Work:

- The D/B team will be responsible for all utility conflicts and utility construction plans.
- Any additional SUE work will be the responsibility of the D/B team.
- The D/B team will coordinate with utility owners in handling the utility conflicts.

CEI Work:

- The D/B Team will be responsible for CEI work.

CONSTRUCTION COSTS:

- The latest estimated construction cost for the project is \$7,800,000.