

B-3463/B-3647 Project Synopsis

- TIP Project B-3463 is the replacement of Bridge #171 over South Buffalo Creek on SR 2819 and B-3647 is the replacement of Bridge #172 over North Buffalo Creek on SR 2770. Both sites are located in Guilford County.
- Planning studies have been completed. The Categorical Exclusion (CE) for B-3463 was approved March 5, 2001. The CE for B-3647 was approved January 22, 2001. Copies of the CEs will be made available to the short-listed teams.
- The general scope of work consists of the replacement of Bridge #171 and approaches over South Buffalo Creek on SR 2819 and the replacement of Bridge #172 and approaches over North Buffalo Creek on SR 2770.
- 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:

- Complete the final design and construct Bridge 171 and approaches over South Buffalo Creek on SR 2819 and Bridge 172 and approaches over North Buffalo Creek on SR 2770. The Design Build Team shall complete the final design and construct SR 2819 and SR 2770 to 2-lane facilities, shall meet collector standards, and meet 50mph and 60mph design speed respectively. Plans have been completed up to right of way stage.

Structure Design Work:

- Replacement of Bridge #171 over South Buffalo Creek on SR 2819 and replacement of Bridge #172 over North Buffalo Creek on SR 2770.

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.

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 \$2,500,000.