

U-3311B Project Synopsis

- TIP Project U-3311B is the widening of SR 1141 (Bingham Drive) from Hope Mills Bypass to North of US 401 (Raeford Road). This project is located in Cumberland County.
- Planning studies have been completed. The Environmental Assessment (EA) was approved on April 28, 2000. The Finding of No Significant Impacts (FONSI) was approved October 31, 2001. Copies of the EA and FONSI will be made available to the short-listed teams.
- The general scope of work consists of widening SR 1141 (Bingham Drive) to multilane section. A portion of the project is on new location.

Public Involvement Work:

- The Design Build Team will need to work with the Division 6 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 the widening of SR 1141 (Bingham Drive) from Hope Mills Bypass to North of US 401 (Raeford Road). The Design Build Team shall design and construct SR 1141 (Bingham Drive) to a multilane facility, shall meet Arterial standards, shall meet 50 mph design speed, and shall follow the approved design criteria as provided by the NCDOT.

Structure Design Work:

- New bridge over a Tributary of Beaver Creek.

Hydraulics Work:

- Storm drainage design, a bridge survey report for the cored slab bridge over a Tributary of Beaver Creek, and a Stormwater Management plan.

Pavement Design Work:

- Final pavement design will be provided.
- Temporary pavement designs for detours or temporary widening will be the responsibility of the Design Build Team.

Location Surveys Work:

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

Geotechnical Investigations:

- A geotechnical investigation package will be provided to the short-listed teams. The package will include borings at select locations at the bridge and along the roadway. Any additional geotechnical work will be the responsibility of the Design Build Team.

Erosion Control Work:

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

Signals

- The Design Build Team will be responsible for all signals on the project, including temporary signals.

Signing Work:

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

Traffic Control and Pavement Marking Work:

- Traffic Control Plans will be developed by the Design Build Team and will have Division 6 approval.

R/W Acquisition:

- Right of Way has been purchased by the NCDOT. All construction shall be performed within this right of way.
- Any additional right of way or easements needed due to a design revision 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 Design Build Team will be responsible for all utility conflicts and utility construction plans.
- Any additional SUE work will be the responsibility of the Design Build Team.
- The Design Build Team will coordinate with utility owners in handling the utility conflicts.

CEI Work:

- The Design Build Team will be responsible for CEI work.

CONSTRUCTION COSTS:

- The latest estimated construction cost for the project is \$11,000,000.