

Low Impact Bridge Replacements Synopsis of Projects

The Low Impact Bridge Replacements Projects consist of replacing approximately ten (10) low-impact bridges in each of the Department's Divisions through multiple Design-Build projects. Each of the bridges will be replaced in kind with off-site detours. The primary purpose of these projects is to replace a large number of structurally deficient bridges in North Carolina.

All the bridges for these projects are sub regional tier bridges. A general overview of the Roadway, Hydraulics, Geotechnical, and Structures Scope of Work is specified in the Sub Regional Tier Design Guidelines for Bridge Projects dated February 2008. An electronic copy of this document is located at:

<http://www.ncdot.org/doh/preconstruct/highway/structur/subregional/STGFeb2008.pdf>

The Department is currently pursuing a Programmatic Categorical Exclusion (PCE) environmental document for each of the bridges.

The Design-Build Team shall be responsible for all hydraulic design and shall provide signed and sealed Bridge Survey Reports and Culvert Survey Reports for all structures. The Design-Build Team shall be responsible for all storm drainage design and construction and shall obtain FEMA compliance for the regulated floodways.

The Department will provide 2 to 3 borings per bridge to the Design-Build Teams. The Design-Build Team shall be responsible for all geotechnical recommendations, as well as supplemental roadway and structural investigations.

The Design-Build Team shall be responsible for preparing all documents necessary for the Department to obtain the environmental permits for this project. These will generally include the Nationwide 404/401 permits and Coastal Area Management Act (CAMA) General Permits in CAMA Counties.

The Department will provide partial surveys for each of the bridges. The Design-Build Team shall be responsible for supplemental surveys.

The Department will be responsible for Construction Engineering Inspection (CEI) work.