

## **Triangle Expressway Landscaping Project Synopsis**

### **Landscape Scope of Work**

A Design-Build Team shall design and construct the Triangle Expressway landscape project. Landscape planting on the previously constructed Northern Wake Expressway and the Triangle Parkway, which is under construction, shall be completed during the 2011-2012 planting season. Landscape planting on the Western Wake Freeway, which is currently under construction, shall be performed during the 2012-2013 planting season. Upon completion of all planting, a two-season establishment period will be required, during which the Design-Build Team shall perform routine maintenance of the plants and replace plants that are not in a living and healthy condition.

### **General Background Information**

The proposed 18.8 mile Triangle Expressway is comprised of three components as follows:

**A Portion of the Northern Wake Expressway:** A 2.8-mile portion of Northern Wake Expressway from NC 55 to NC 54 that was opened to traffic in summer 2007 by the North Carolina Department of Transportation (NCDOT).

This portion of the project consists of six mainline toll travel lanes (three in each direction) divided by a 60-foot wide median. Auxiliary lanes, ramps, intersections and merge/diverge lanes are all part of the as-constructed facility. Interchanges are included at NC 55, Triangle Parkway and NC 54. As part of the Triangle Parkway project, toll collection facilities will be added. A mainline toll collection point is planned at the Triangle Parkway interchange.

**Western Wake Freeway:** A 12.6 mile facility extending from NC 55 Bypass near Holly Springs north to NC 55 near Research Triangle Park where it joins the Northern Wake Expressway.

The Western Wake Freeway is currently being designed and constructed by Raleigh-Durham Roadbuilders. Archer Western Contractors and Granite Construction Company comprise the Raleigh-Durham Roadbuilders Joint Venture Team. The LPA Group of North Carolina, P.A. is the lead design consultant to the team and Volkert & Associates, Inc is providing construction engineering and inspection services. The project is scheduled to open to traffic late 2012.

The Western Wake Freeway (STIP Project R-2635A, B and C) will have six mainline toll travel lanes (three in each direction) divided by a 78-foot wide median. Auxiliary lanes, ramps, toll collection facilities, intersections and merge/diverge lanes will also be included. Interchanges at NC 55 Bypass, US 1, Old US 1, US 64, and Green Level Road at the southern project terminus. The project will end at the interchange at NC 55 joining the Northern Wake Expressway. A mainline toll collection point is planned between US 64 and Green Level West Road. Tolls will also be collected at certain ramps and loops at the US 64 and Green Level West Road interchanges.

**Triangle Parkway:** A 3.4 mile facility that extends from the NC 540 interchange at the Northern Wake Expressway to I-40 at NC 147.

The Triangle Parkway is currently being designed and constructed by S. T. Wooten Corporation. Rummel, Klepper & Kahl, LLP is the lead design consultant for the project and KCI Associates is providing construction engineering and inspection services. The project is scheduled to open to traffic late 2011.

The Triangle Parkway will have six mainline toll travel lanes (three in each direction) divided by a 46-foot wide median. Associated service ramps, auxiliary lanes, ramps, toll collection facilities, intersections and merge/diverge lanes will also be included. The segment includes interchanges with the Northern Wake Expressway, Davis Drive, Hopson Road, and I-40 at NC 147.