Additional Projects

Below is description of additional projects to be included in the FY18 UPWP once details regarding cost and agency participation are determined.

1. US 15-501 Corridor Study from University Drive in Durham to Franklin Street in Chapel Hill

The DCHC-MPO is proposing an integrated land use/multi-modal transportation corridor study for the US 15-501 corridor between University Drive in Durham and the Franklin Street/Fordham Blvd split in Chapel Hill. The purpose of the study is to recommend a corridor Blueprint or Master Plan that integrates GoTriangle's LRT FEIS, SPOT and latest land-use designations. The US 15-501 corridor provides principal access to major activity centers in southwest Durham, Chapel Hill, Carrboro, and UNC as well as trips beyond. This accessibility has fueled tremendous growth within and around the study area. In 1993, the DCHC MPO, in conjunction with the City of Durham, Town of Chapel Hill, NCDOT, UNC and Duke conducted a corridor study that resulted in a Corridor Master Plan. That plan is now dated and does not address current realities.

The total cost of the study is estimated to be $400,000. Proposed funding partners are the DCHC MPO, NCDOT and GoTriangle.

2. Regional Intelligent Transportation System (ITS) Deployment Plan Update

The DCHC MPO, CAMPO, NCDOT and GoTriangle are proposing to update the Triangle Regional ITS Deployment Plan developed in 2009. Update to the deployment plan is required to provide a framework for MTP integration as well as identify specific projects for SPOT and MTIP. The update shall incorporate communications and system engineering plans from LRT, BRT, Commuter Rail and Managed Lanes initiatives, including analysis of ways to leverage infrastructure investments. Proposed activities include:

1. Identify ITS needs and issues and map the needs to the national ITS architecture to determine work scope.
2. Update the regional ITS architecture.
3. Update the deployment plan using current Turbo Architecture.
4. Develop communication plans and system engineering plans.
5. Evaluate the effectiveness of ITS strategies.
6. Assess cost-benefit of ITS strategies.

Estimated cost =$300,000