

From adopted FY 2011 UPWP

3. C. REGIONAL STUDIES

Activities Prior to and During FY 2010

(1) CLRP Aspirations Scenario

In September 2007, the TPB Scenario Task Force was established to provide policy-level stewardship for the Regional Mobility and Accessibility Scenario (RMAS) Study and related TPB activities, including consideration of opportunities for integration of the study findings into TPB planning processes and initiatives. The "CLRP Aspirations" Scenario was developed during FY 2009 under the guidance of the TPB Scenario Task Force. It is an integrated land use and transportation scenario for 2030 building on the key results of the five TPB scenarios analyzed earlier under the RMAS Study. It includes a regional high-quality bus rapid (BRT) network operating on an extensive network of variably priced lanes. In FY 2010, this scenario was analyzed, updated and documented.

(2) What Would It Take? Scenario

In FY 2009, the "What Would It Take?" Scenario was developed to assess three types of strategies: increasing fuel efficiency, reducing the carbon-intensity of fuel, and improving travel efficiency, as well as combinations of strategies that would be necessary to achieve significant reductions in CO₂ emissions reductions by 2020 and 2030. In FY 2010, this scenario was analyzed and documented. In FY 2011, further work to analyze strategies and combinations to reduce mobile CO₂ emissions will continue under the 3. B. Mobile Emissions Analysis work activity.

(3) TIGER Grant Application and Follow-on Activities

Through an extensive process of regional coordination and collaboration, a regional package of priority bus corridors and other related projects was developed for inclusion in the regional TIGER grant application submitted to the USDOT in September 2009. Following on from this TIGER grant application, and the TPB's Regional Priority Bus Conference held in June 2009, consultant work was initiated in Spring 2010 to develop a set of implementation guidelines for prioritizing bus transit on arterials in the Washington region. These guidelines are scheduled to be completed in Fall 2010.

In Spring 2010, work began to build on the TIGER grant application process to develop a regional network of priority bus corridors on arterial roadways with phases for 3- and 5-year implementation beginning in 2010. This regional network will expand the initial network submitted for the TIGER grant to include additional state, local and transit operator priorities. The network of priority bus corridors will be developed through inter-agency coordination and will focus on complementing the Metrorail system, drawing from the WMATA Priority Corridor Network (PCN) and the CLRP Aspirations Scenario's regional network of rapid/express bus on managed lanes. The costs and benefits of

implementing the 3- and 5-year phases of the regional priority corridor network will be assessed using the methodology developed for the TIGER grant application. Maps and advanced visualizations of this regional arterial priority corridor network will be developed to assist in communicating the benefits of the regional system to decision-makers, the public and developers.

Activities Proposed for FY 2011

The following activities are proposed for FY 2011:

- Based upon a review of the projects, land use forecasts and performance of the 2010 CLRP, revise and update the CLRP Aspirations scenario looking to 2040 to reflect an additional decade of growth.
- Complete Phase II of the development of Implementation Guidelines for Prioritizing Bus Transit on Arterials in the Washington region
- Complete development of Regional Arterial Corridor Network with 3- and 5-year phases, including visualization and cost/benefit analysis

Oversight: TPB Scenario Study Task Force

Cost Estimate: \$315,800
\$200,000 carryover from FY 2011
\$515,800 total

Products: Analysis of updated CLRP Aspirations scenario reflecting public feedback and looking to 2040

Implementation Guidelines for Prioritizing Bus Transit on Arterials in the Washington region (Complete Phase II.)

Regional Arterial Corridor Network with 3- and 5-year phases (Complete work initiated in FY 2010.)

Schedule: June 2011 - Analysis of updated CLRP Aspirations scenario

Fall 2010 - Implementation Guidelines for Prioritizing Bus Transit on Arterials in the Washington region,

Fall 2010 - Regional Arterial Corridor Network with 3- and 5-year phases