



I-95 CORRIDOR COALITION YEAR 13 SCOPE OF WORK FORM

Project Title: Complete Data Integration and Develop Trip Table for ICAT
Project Code: 13-1G
Coalition Funding Amount: \$250,000
Program Track: 1 – Policy and Strategic Planning
Program Year: 13

SECTION A – BACKGROUND

Over the last several years the I 95 Corridor Coalition has been developing a geographic information system (GIS)-based transportation network for the 16-state Coalition region and a linked database with information about the region's roads, traffic volumes, and travel patterns. The new Integrated Corridor Analysis Tool (ICAT) will help Coalition members coordinate multi-state transportation planning, investment, and operations planning.

This project is a request for funding for next two phases of development of ICAT:

- Phase II - Complete Data Integration - will complete ICAT coverage of the Coalition region by obtaining roadway inventory data from the remaining 6-8 states and relating that data to the ICAT network.
- Phase III - Develop Trip Tables - will develop base and future year vehicle trip tables for the entire corridor.

Objectives:

The objective of the Phase II work will be to complete ICAT coverage of the Coalition region by obtaining roadway inventory data from state departments of transportation and relating that data to the ICAT network. Phase I provided funding to process data for 8-10 states. Phase II will obtain and relate data from the remaining 6-8 states and the District of Columbia so that all 17 jurisdictions are covered.

The objective of Phase III will be to develop base and future year vehicle trip tables for the entire Coalition region. The trip tables will describe the approximate origins and destinations of vehicle trips and make it possible to assign vehicle trips to different routes depending on travel time, cost, and reliability. With this information, Coalition members can use ICAT to evaluate the effectiveness of highway investments and operations improvements, traveler information services, and other initiatives to relieve congestion and improve travel in the region.

SECTION B – TASKS AND DELIVERABLES

The deliverable for this phase of the project is the I-95 Corridor Coalition GIS network. It has been delivered in the form of a Geodatabase (an ESRI industry standard format) and route system

and currently resides on an ftp site developed for this initial phase, (<http://webservices.camsys.com/icat/index.htm>). The network was populated with physical, operational and/or demand characteristics from HPMS and state or local databases.

SECTION C – BUDGET

General Budget Information (same as idea form information):

\$ 249,919.59 Total project costs.

\$ 250,000 In Coalition funds.