



**I-95 CORRIDOR COALITION
YEAR 14
SCOPE OF WORK FORM**

Project Title: Build a Permanent Delivery System
Project Code: 14B-1G
Coalition Funding Amount: \$200,000
Program Track: 1 – Policy and Strategic Planning
Program Year: 14

SECTION A – BACKGROUND

A comprehensive, internet based data delivery system will be developed to provide users with access to the network data of any area in the I-95 Corridor, and the linked databases of information about those roads, including information on the number of lanes, traffic volumes, and travel patterns etc. The delivery system will be designed to aide both expert and non-expert GIS users in accessing transportation data on their site-specific region of interest.

The proposed data delivery application will include GIS query functionalities, on-the-fly map generation, access to downloadable stored data, and possibly client based data entry forms and some security features. At the core of this delivery system is a geo database that stores the ICAT roadway network that contains the transportation network and the relational roadway databases. The transportation data can be ported to fully relational databases, resulting in improved data acquisition speed, accessibility and functionality. The delivery system will support user-friendly spatial querying through the use of drop-down menus. A user can define the area of interest from the dropdown list before any data extraction. The system will be built on a series of nested scale of regional and local base maps. As users zoom into local areas of interest the base map scale will change automatically to display a reasonable level of details. Available themes for the base-maps may include boundaries, major population center and landmarks. These layers can be turned on or off and can provide users with the ability to navigate to a particular area of interest using recognizable landmarks. Displayed data can be printed at any time.

NEED

Objective:

Develop a permanent ICAT delivery system (e.g., a website through which Coalition members can access and download ICAT network and data files for local use).

SECTION B – TASKS AND DELIVERABLES

N/A

SECTION C – BUDGET

General Budget Information (same as idea form information):

\$ 200,000 Total project costs.

\$ 200,000 In Coalition funds.