

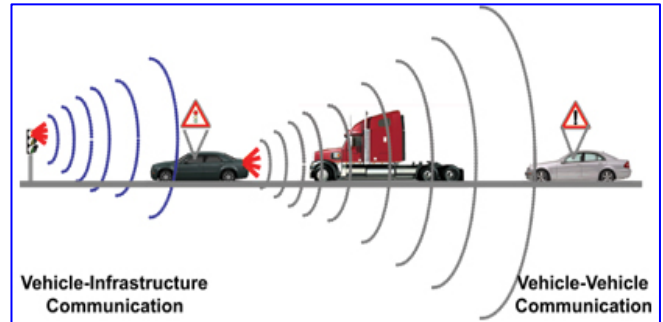


# I-95 Corridor Coalition

## Commercial Vehicle Infrastructure Integration

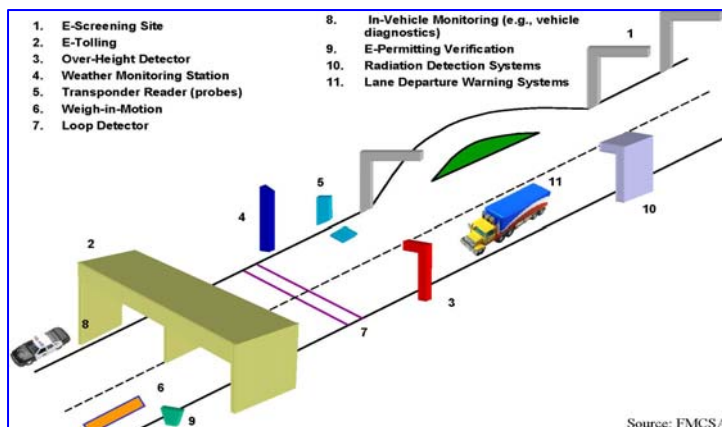
### Supporting Commerce and Improving the Movement of Freight

The I-95 Corridor Coalition, in conjunction with the New York State Department of Transportation, and in cooperation with the U.S. Department of Transportation (USDOT), is undertaking a regional demonstration of Commercial Vehicle Infrastructure Integration (CVII)-based operations utilizing multi-agency, permanently deployed infrastructure.



The Vehicle Infrastructure Integration (VII) Program develops and tests an intelligent transportation system that uses 5.9 GHz dedicated short-range communications (DSRC) technologies to exchange real time information between VII-compliant roadside infrastructure and vehicles to improve safety, security, mobility, and transportation system asset management. Since most of the national VII efforts have focused almost exclusively on passenger vehicles, New York's CVII Program will concentrate on development, testing and demonstration of commercial vehicle-in-vehicle hardware and software to allow data message sets (DMS) to be transmitted wirelessly via DSRC. The applications to be tested will include driver and vehicle safety information, including but not limited to, using Transportation Workers Identification Card (TWIC) and biometrics as well as other vehicle and driver safety and screening applications, as noted in the graphic below.

The CVII Program also includes a field demonstration of the 5.9 GHz DSRC commercial vehicle based systems along active highway corridors including VII deployed sections of NYSDOT's I-495 Long Island Expressway and the New York State Thruway Authority's I-87 Spring Valley Corridor. The CVII Program is scheduled to take approximately two years to complete.



#### CVII Team Members:

- New York State DOT
- New York State Thruway Authority
- I-95 Corridor Coalition
- Volvo Technology of America, Inc.
- Booz/Allen/Hamilton
- TechnoCom Corp.
- Cambridge Systematics, Inc.
- Southwest Research Institute
- Fitzgerald and Halliday, Inc.

#### The I-95 Corridor Coalition:

A partnership of the Departments of Transportation and related authorities and organizations, from Maine to Florida, working together to accelerate improvements in long-distance freight movement and passenger travel.