



I-95 Corridor Coalition and NYSDOT Successfully Demonstrate Connected Vehicle Applications for Commercial Vehicles at the 2011 ITS World Congress – October, 2011

The Commercial Vehicle Infrastructure Integration (CVII) Team – I-95 Corridor Coalition, New York State DOT, Volvo Technology of America, Southwest Research Institute, and Kapsch -- successfully demonstrated all elements of Phase I of the CVII Program during the mid-October 2011 ITS World Congress in Orlando, Florida. The deployable operational connected vehicle applications demonstrated included both vehicle to infrastructure (V2I) and vehicle to vehicle (V2V) communication for improved transportation safety and mobility.

Well over 100 attendees rode in the CVII-equipped tractor trailer along a nearby highway demonstration route to see the technologies in action. Demonstrated live were I2V applications of in-vehicle signage and traveler information including traveler advisories; V2I applications of vehicle probe data including location, heading, speed and time; I2V and V2I applications of driver credential verification with vehicle enabling/disabling for security purposes, enhanced mainline screening for wireless safety inspections including driver credential information and vehicle safety systems status (brakes, lights, tires); and V2V applications of simulated maintenance vehicles broadcasting location and plowing/work zone operations to other vehicles. Secretary Ananth Prasad of Florida DOT, the Swedish Minister for Infrastructure Catharina Elmsäter-Svärd, FMCSA Deputy Administrator Bill Bronrott and Chief of the Technology Division Jeff Loftus, along with Staffers from Congressman Mica's Office, were among the many demo participants. Visitors from all over the world – Australia, New Zealand, Japan, Canada, Germany, Austria, Israel, Russia, India, and the U.S. – enjoyed ride-alongs in the CVII-equipped tractor trailer and Jeep SUVs (with one used as a simulated snow plow) as well as the CVII Team's Technology Showcase Exhibit Booth.