The Intelligent Transportation Systems Joint Program Office (ITS JPO) announced that four firms have been selected to provide roadside equipment as part of the US   Department of Transportation's (USDOT's) Connected Vehicle Safety Pilot Program (CVSPP). It has also announced the selection of four firms to develop aftermarket safety devices as part of the same program. The CVSPP will start in August 2011 and run through the first half of 2013.

The firms that received contracts to provide roadside equipment, which were based on recommendations from an internal technical evaluation panel, are:

- Kapsch
- ITRI International
- Cohda Wireless and Cisco Systems
- Savari Networks.

The contracts were awarded by the Federal Highway Administration (FHWA), which solicited quotations from suppliers to provide all the necessary equipment, materials, and services for the development and production of the devices. Each of the devices selected by FHWA will be used to send messages, such as signal phase and timing, or curve speeds to vehicles using Dedicated Short Range Communications (DSRC).

The roadside devices are part of the US DOT's CVSPP, which is a major research initiative that will test how ordinary drivers in real-world driving conditions will respond to wireless safety messages. The drivers will be using vehicles that communicate with each other (V2V) and will communicate with surrounding infrastructure (V2I), such as traffic signals and work zones.

The firms to develop aftermarket safety devices are:
- Cohda Wireless, with Delphi as a subcontractor;
- Cohda Wireless, with Visteon as a subcontractor;
- Kapsch TrafficCom
- Denso International of America

Each of the devices will enable vehicles to receive V2V and V2I messages using DSRC. Safety applications on-board these devices will process the information received and use it to generate safety messages.