



Research In Progress

Automated Feedback to Foster Safe Driving – Phase 2

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Project summary: This project will evaluate the effect of accelerator pedal feedback to reduce speeding over the posted speed limit. In previous research, a database linking GPS coordinates with speed limits was created and validated. The current research effort will link the speed limit database with a mechanical device that will introduce feedback to the accelerator pedal when drivers exceed speed limits. The feedback can be overridden by pressing harder on the accelerator pedal. In addition to measuring the effect of the technology on speeding, the researchers will also measure driver acceptance of and mental workload experienced from the system.

Start Date: 6/16/2010

End Date: 09/30/12

Contractor: Dunlap and Associates

Contract Number: DTNH22-09-D-00138-0003

Total Contract Cost: \$296,634.00

Last Updated: January 2012