The Canadian Naturalistic Driving Study
Canadian Naturalistic Driving Study

- SHRP2 provides a unique opportunity for collaboration on groundbreaking research
  - Canadian research will supplement US program, expand database
  - Opportunity to examine specific road safety issues of concern to Canada

- Data from both Canada & US are required to guide future harmonization of road safety concerns:
  - Vehicles, new technologies, countermeasures etc.

- Opportunity to gain knowledge not previously possible; augment other research methods
  - Real world data on driver performance
  - What drivers do/don’t do
  - Crash; pre-crash; non-crash
Canadian Naturalistic Driving Study

Reduction in Canadian road deaths and serious injuries
- Improved knowledge of driving behavior and its interaction with vehicles & the driving environment

Utility for Countermeasure Development
- Federal government and provincial/territorial governments to develop evidence-based policies and standards
Canadian Naturalistic Driving Study

Conducted under auspices of Council of Deputy Ministers Responsible for Transportation & Highway Safety (Federal, Provincial & Territorial Transportation Departments)

- Research program and funding proposal developed in 2009 by Engineering Research Support Committee, as companion study to SHRP2
- Council approved project and government share of project funding in October 2009
- Additional sponsorship being sought from non-governmental partners
- Council website: http://www.comt.ca/
Collaboration with Strategic Highway Research Program 2 (SHRP 2)

- Same oversight contractor & Data Acquisition System
- Data to be integrated with US database
- Plan for 2 sites; 125 vehicles per site
- Rural driving focus; older drivers; road features of interest, e.g., roundabouts
- First site launch planned for Spring 2011, one year duration
- Sequential data collection with second site to begin in 2012
Canadian Naturalistic Driving Study
Canadian Naturalistic Driving Study

Potential Users of the DATA BASE:

- Provinces & Territories
- Federal Government
- Academic institutions
- Research organizations
- Automotive OEMs
- Insurance companies
- Transportation firms
- Safety advocacy organizations
- Healthcare organizations
- Media organizations
- Law firms
- Consulting firms….
Thank you.

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