Breakout Session 3

Question 16
Question 16

• What will truckers do when they have models for fuel economy as a function of smoothness and structural response? Is it possible to obtain fuel economy data from trucks and cars and what are the possible data privacy issues? Dispersed data collection mid-point?
Group 7

• Facilitator
  – N. Santero

• Members
  – L. Francke
  – A. Mukherjee
  – M. Shakiba
  – T. Tietz
  – M. Wood
  – O. Yasoghli
  – N. Anthonissen
  – D. Maskey
Q16

• How will trucking industry respond to PVI models?
  – Optimize tires, speed, and/or routes to reduce costs
  – Could become political priority

• Data collection feasibility
  – Technologically possible (i.e., instantaneous fuel consumption meter + GPS location)
Q16

- Privacy issues?
  - Either mandate data reporting, or...
  - Demonstrate value to trucking industry

- What about cars?
  - Lower priority, but potentially significant due to total VMT of cars
  - Need to establish incentives
  - May require cultural shift

- Collaboration between tire and pavement experts