

002013

# SYMPOSIUM ON MILEAGE-BASED USER FEES: TECHNOLOGY WORKSHOP

## Welcome and Introduction

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### Slide Presentation

#### Slide 3 – Why MBUF?

A number of commissions and other independent studies have identified MBUF as a promising long term replacement for the fuel tax to provide a sustainable revenue source.

#### Slide 4 – Annual Fuel Tax Revenues in Texas

As an example, Texas annual fuel tax revenues peaked in 2007, and are now declining even with increasing population of 1,000 per day. This decline is due to increased fuel efficiency of cars.

#### Slide 5 – Why MBUF?

Fuel tax is an unsustainable funding source. When charging by fuel use as opposed to road use, CAFE standards and alternative fuel vehicles influence a decline in revenue.

With this decline, equity concerns arise: how much you pay depends on your vehicle's engine type and fuel efficiency, rather than how much you use the road.

Variable pricing schemes can be established based on congestion, system management, environmental and other factors, but are these all secondary to the revenue issue.

#### Slide 6

A number of research efforts have been undertaken, including two pilots in Oregon, and other states have a growing interest in MBUF studies.

#### Slide 7 – Where Do We Go From Here?

We are hearing that MBUF implementation is inevitable, but that it is 10-15 years away. What is going to help us get there? What are the near term and longer term paths to implementation?

If technology is not the issue, why are we having a technology symposium? Elected officials need to be anchored in public acceptance, or at least indifference, in order to have political willingness to move forward. Around the country, the same concerns are being voiced over privacy, cost of administration, fairness, compliance, and interoperability among states. So we can now examine what technologies will help to address these concerns. What can we test and demonstrate to address the public concerns?

In this symposium, we will review our progress since the first Oregon pilot and look to the future to complementary activities ongoing in the transportation industry to see how these can correlate with MBUF implementation.

## **Slide 8 – Today's Agenda**

Today's program consists of:

- Update from demonstrations
- Panel on implementation challenges – public concerns and what the technology may be to address them
- National perspective from MBUFA
- Discussion of the nexus between road user fees and other emerging technologies in insurance, connected vehicles, etc.
- Conversation circle when we will engage in open discussion on three key questions:
  - What are the promising technology platforms or enabling systems for MBUF systems?
  - What are the research, development and testing needs?
  - What is the role of the ITS community in enabling road user fee charging systems?

Additionally, ITS America's position statement on mileage-based user fees is available on the tables.