

FHWA's Transportation Data Program

AASHTO Standing Committee on Planning Webinar

Tianjia Tang, PE., Ph.D.
Chief, Travel Monitoring and Surveys
Office of Highway Policy Information, FHWA
202-366-2236 Tianjia.Tang@DOT.GOV

Presentation Outline

- 1: Why FHWA has a data program
- 2: What FHWA's data program covers
- 3: Reauthorization
- 4: Our office structure

Why FHWA has a data program

FHWA's Mission...

Improve Mobility on our Nation's Highways
through National Leadership, Innovation
and Program Delivery

Why FHWA has a data program

FHWA's Mission...

Improve Mobility on our Nation's Highways
through National Leadership, Innovation
and Program Delivery

Data provide the foundation

What FHWA's Data Program Covers

- 1: Financing-revenue and expenditure
- 2: Infrastructure condition and performance
- 3: Travel trend
- 4: Travel behavior
- 5: Vehicle registration, fuel/energy consumption, and driver licensing
- 6: Freight movements (Office of Freight Operations and Management)
- 7: others

What FHWA's Data Program Covers

1: Financing – Revenue and expenditure

While it is US Treasury and the Office of Management and Budget's responsibility to forecast highway trust revenue, we are currently conducting a major study to evaluate future travel trends in terms of VMT by vehicle types and energy sources.

What FHWA's Data Program Covers

2: Infrastructure condition and performance

The new HPMS data model is being implemented. In addition to new data items, the 2010+ data will be GIS based.

What FHWA's Data Program Covers

3: Travel trend – monthly Traffic Volume Trend (TVT) report

New data items covering vehicle classes and speed are being added to the current TVT system. Truck WIM data is being integrated into the system too.

What FHWA's Data Program Covers

4: Travel behavior

The National Household Travel Survey (NHTS) Program – the 2008-2009 data collection was completed; data compilation and preliminary analysis are underway.

What FHWA's Data Program Covers

4: Travel behavior

The National Household Travel Survey (NHTS) Program – the 2008-2009 data collection was completed; and data compilation and preliminary analysis are underway.

What FHWA's Data Program Covers

5: Vehicle registration, fuel/energy consumption, and driver licensing

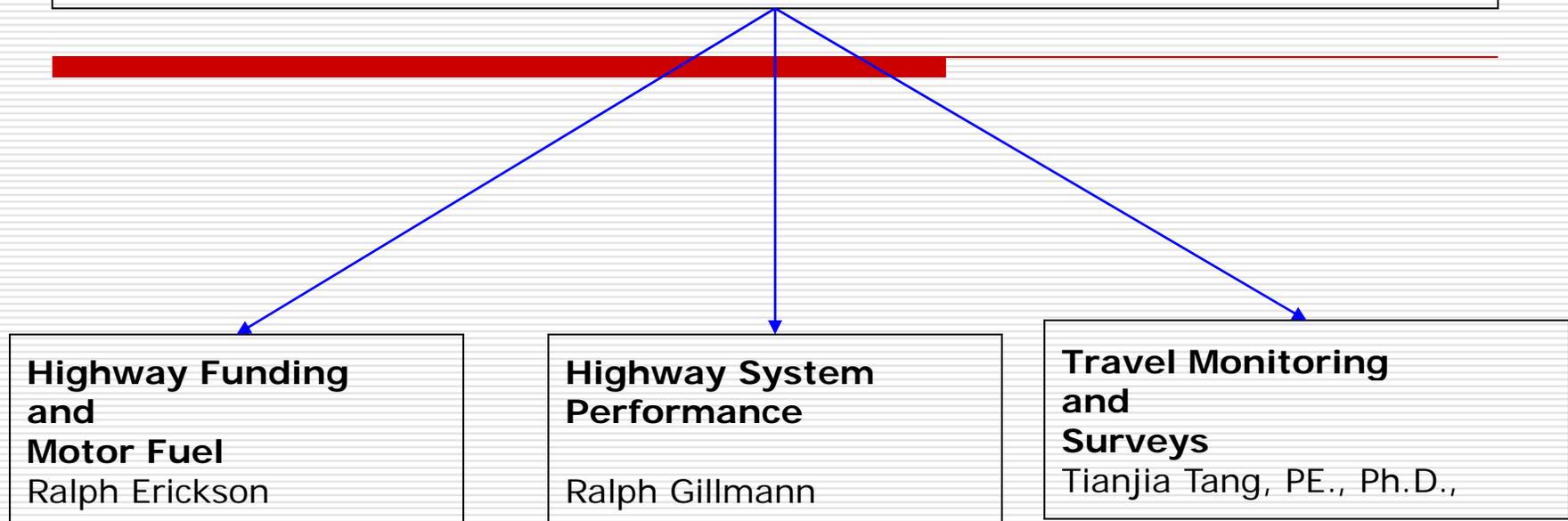
Safety, greenhouse-gas, and demographic issues related to travel and transportation...

Reauthorization

Dedicated funding for data program rather than competing with all other projects and programs.

FHWA Office of Highway Policy Information

David Winter, PE



Thank you!