

# HPMS 2010+

## Highway Information Seminar November 2011

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[www.fhwa.dot.gov/policy/ohpi/hpms/](http://www.fhwa.dot.gov/policy/ohpi/hpms/)

# Highway System Performance Team

- Highway System Performance (HSP) –
- Justin Clarke – HSP Specialist
- Ron Erickson – HSP Specialist
- Joe Hausman – HSP Coordination Manager
- Rob Rozycki – HSP Specialist
- Tom Roff – HSP GIS Database Specialist
- Ralph Gillmann – Team Leader
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# Breakout Sessions

- HPMS and the States
- HPMS GIS/LRS Issues
- HPMS Software Update
- HPMS & Traffic Monitoring Joint Session
- HPMS Sample and Pavement Data
- Functional Class & Mileage Certification
- Coming Requirements and Products

# What is HPMS?

- Highway Performance Monitoring System
- Annual information collection
- National but State-based
- Covers the extent, condition, use, performance & operating characteristics
- Includes highway inventory, geometric, traffic, and pavement performance data

# FHWA Uses of HPMS

- Apportionment factors for Federal-aid funds
- Conditions and Performance Report
- Performance measures (crash rates, etc.)
- *Highway Statistics* publication
- Administration and Congress
- Freight Analysis Framework (FAF)
- Congestion monitoring

# HPMS Reviews

- HPMS web-based software validation
- HPPI-20 Data Review
- Conference Call
- HPPI-1 Memorandum
- Division HPMS Reviews
- Follow-up

# Division Review Guidelines

- FHWA Review Guidelines
  - Draft update distributed
- Certify miles, lane-miles, and VMT
  - Valid for apportionment purposes
- Mileage Certification Review
  - Reported by Governor or Designee
  - Division approval needed

# HPMS Reassessment 2010+

- Began in 2006
- Final Report in 2008
- *Data Specifications* in 2009
- *HPMS Field Manual* in 2010
- HPMS 8.0 web-based software in 2010
- Fully implemented 2011 (2010 data)

# Major Reassessment Changes

- New geospatial data model
- Functional classification changes
- Additional pavement data
  - Cracking, rutting, and faulting
- Expanded traffic data
  - Complete section AADT and ramp AADT
- Metadata included

# Upcoming

- More software features, reports
- Annual updates to the *Field Manual*

# Questions?