Highway Performance Monitoring System (HPMS): Concepts, Data Collection & Reporting Requirements

Highway Performance Monitoring System (HPMS) 101
FHWA Highway Information Seminar (HIS)
Arlington, VA
October 29, 2018

U.S. Department of Transportation
Federal Highway Administration

NHI
NATIONAL HIGHWAY INSTITUTE

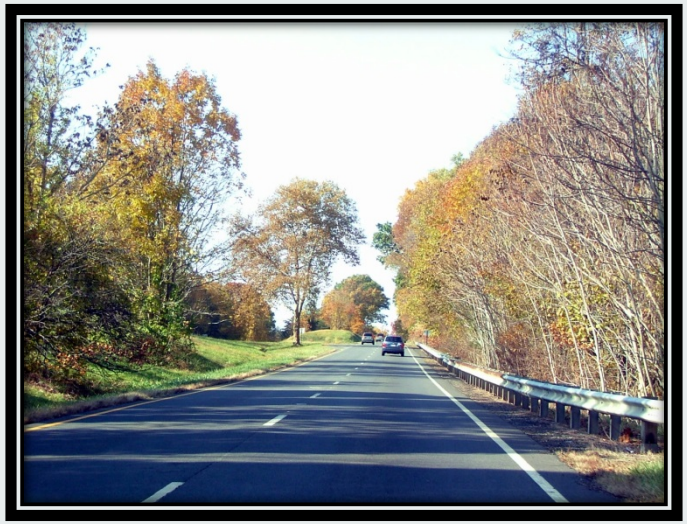
Welcome

- Who is in attendance?
  - State DOTs, FHWA Division Offices
- Familiarity with HPMS?
- Expectations for this workshop?

Goals/Objectives

To provide training on the following HPMS topics:

- Program Background
- Data Model
- Data Collection and Reporting Requirements
- Submittal Process

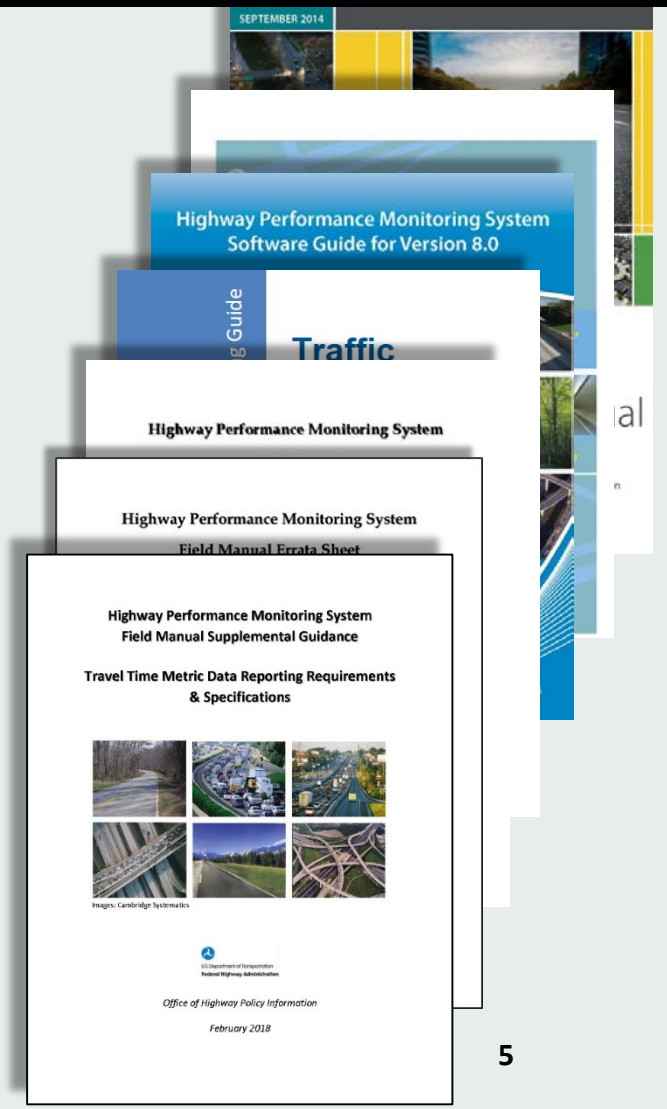


Topics to be Covered

I. HPMS Background and Core Components
II. Data Model and Required Datasets
III. Data Reporting Requirements
IV. Sampling
V. HPMS Submittal Process

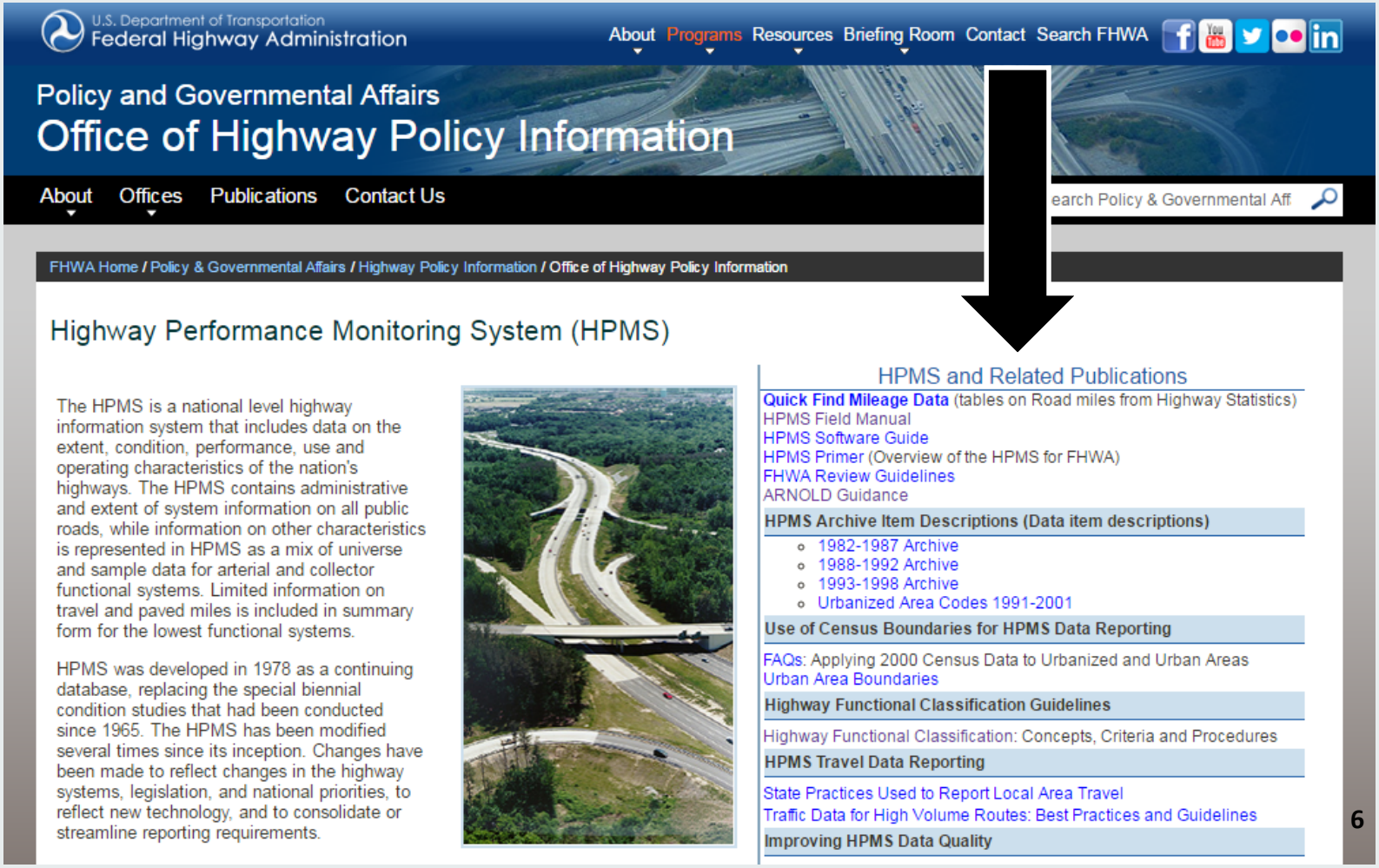
HPMS-related Reference Materials

- ARNOLD Technical Reference Manual
- Highway Functional Classification Concepts, Criteria, and Procedures 2013 Edition
- HPMS Field Manual & Errata Sheet
- HPMS Field Manual PM3 Requirements Supplemental Guidance
- HPMS Software & Guide
- Traffic Monitoring Guide (TMG)



Reference Material Links

https://www.fhwa.dot.gov/policyinformation/hpms.cfm



Ground Rules

- Raise hand to speak
- One conversation at a time
- Parking Lot will be used for items needing offline/further discussion

http://kylebaptiste.com/home-remodeling-tips/project-ground-rules/