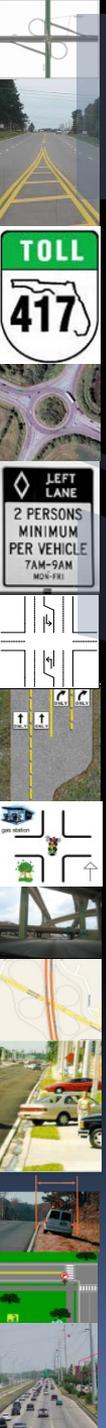


Course Summary

Course Objective

To provide training to the States on the data collection and reporting requirements for HPMS



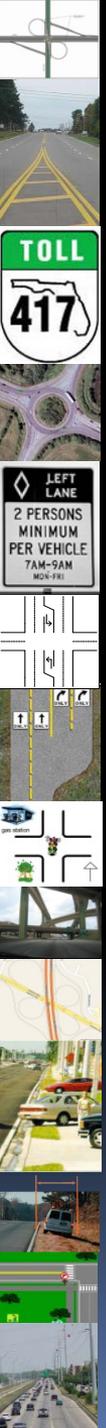
Specific Goals

To provide instruction and training on the following HPMS topics:

- (1) Program Background
- (2) The 2010+ Data Model
- (3) Data Reporting Requirements

Module I Topics

- HPMS Background
- HPMS Core Data Components



Module I Learning Outcomes

- For you to be able to:
 - Describe background/purpose of HPMS
 - Describe the scope of HPMS
 - Describe shared roles/responsibilities between States and FHWA
 - Identify the core data components of HPMS

Module II Topics

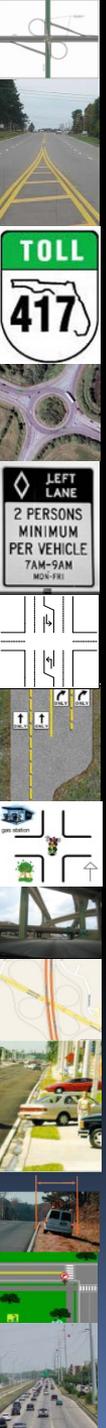
- Overview of the HPMS Data Model
- Dataset Requirements and Specifications
- Geospatial Component of the Data Model

Module II Learning Outcomes

- For you to be able to:
 - Describe structure of HPMS data model
 - Describe HPMS datasets
 - Explain how geo-referencing is used within HPMS

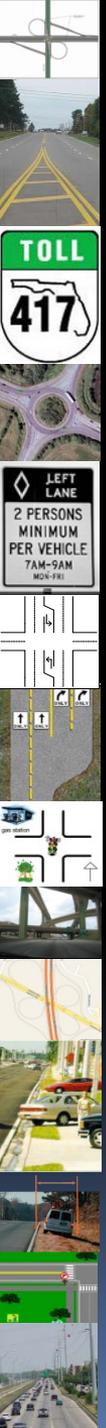
Module III Topics

- Sections and Sample Panel ID Files Structure



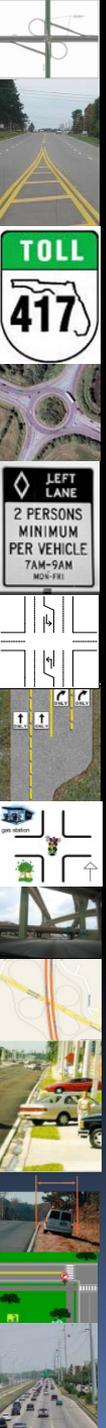
Module III Learning Outcomes

- For you to be able to describe:
 - Sections and Sample Panel ID datasets
 - Relationship between Sections and Sample Panel ID datasets



Module IV Topics

- Sampling Framework
- Sample Size Estimation Procedure
- Sample Adequacy and Maintenance



Module IV Learning Outcomes

- For you to be able to:
 - Describe the Sampling Framework
 - Describe the use of AADT Volume Groups and Precision Levels for sampling
 - Explain the Sample Size Estimation Procedure
 - Discuss the importance of Sample Adequacy and Sample Maintenance

Take-away Points

- HPMS data is used primarily to determine apportionment of Federal-aid
- HPMS is a partnership between FHWA and States
- HPMS encompasses all public roads
- Due date for the annual submittal is June 15th

Take-away Points (cont'd)

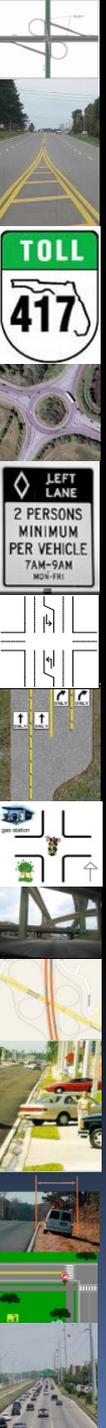
- The States are required to submit 12 datasets to FHWA annually
- HPMS consists of roadway section-level, area-wide summary, and supplemental data
- The model's GIS framework allows data to be analyzed/managed geospatially

Take-away Points (cont'd)

- The Sections and Routes datasets are used for primary analysis in HPMS
- Area-wide summary data is used to supplement the Sections data
- The States are required to report information for 63 attributes
- The States are required to report their sample sections via the Sample Panel ID dataset

Take-away Points (cont'd)

- The HPMS software will generate the TOPS and number of required samples
- The States must select samples on a random basis
- Sample adequacy reviews must be conducted annually
- Each State must submit a series of attribute datasets and a LRS network annually



Questions???