

Introduction to Highway Performance Monitoring System (HPMS)

FHWA Highway Information Seminar
National Highway Institute (NHI)
Arlington, VA
September 22, 2015

Course Goals/Objectives

- To provide training on the following HPMS topics:
 - Program Background
 - Data Model
 - Data Reporting Requirements

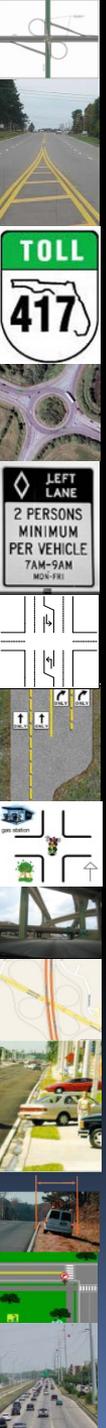
Course Modules

- I. HPMS Background and Core Components
- II. Data Model and Required Datasets
- III. Data Reporting Requirements
- IV. Sampling
- V. Course Summary

Module I – HPMS Background and Core Components

Lesson 1 – HPMS Background

Lesson 2 – HPMS Core Components Overview



Module II – Data Model and Required Datasets

Lesson 1 – Overview of the HPMS Data Model

Lesson 2 – Dataset Requirements and Specifications

Lesson 3 – Geospatial Component of the Data Model

Module IV - Sampling

Lesson 1 – Sampling Framework

Lesson 2 – AADT Volume Groups, Precision Levels, and Sample Size Estimation Procedure

- Lesson 3 - Sample Adequacy and Maintenance

Module VI – Summary

- Course Topics
- Course Objectives
- References