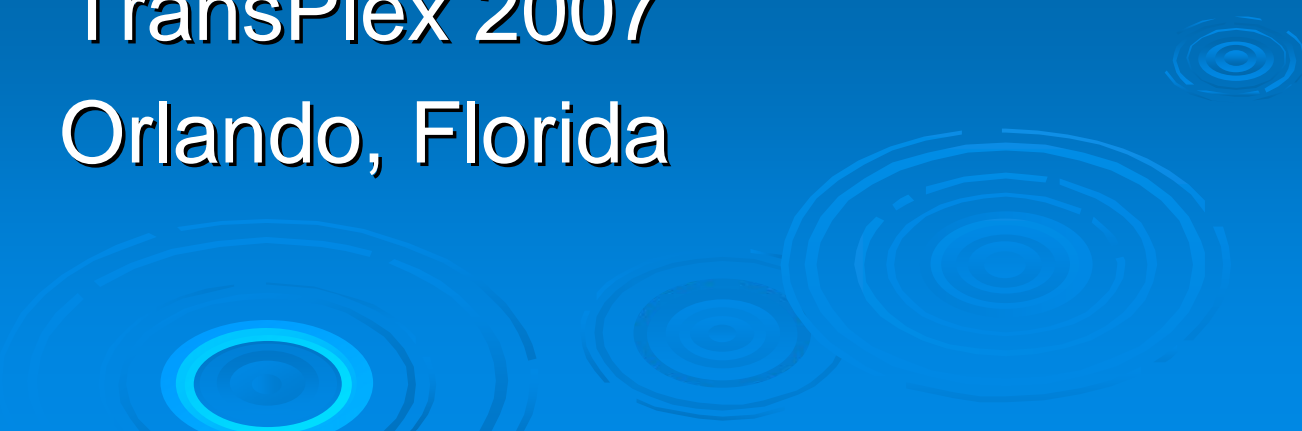


# Highway Performance Monitoring System (HPMS)

## Reassessment Process

TransPlex 2007  
Orlando, Florida

The background of the slide features several decorative elements consisting of concentric circles in shades of blue, resembling ripples in water. These circles are scattered across the lower half of the slide, with a prominent one in the bottom center and others towards the bottom right.

# What is HPMS?

- National information system
- Addresses all the Nation's public road mileage
- Serves a wide variety of users and uses
- Provides essential data on:
  - Highway inventory
  - Conditions
  - Performance
  - Use
  - Operating characteristics

# Why a Reassessment?

- Respond to current and future business needs
  - Where does FHWA want to be in 2010?
  - What types of reports and analyses will FHWA be asked to produce in the next 5 – 10 years?
- Respond to new data needs in SAFETEA-LU
- Capitalize on changing technology
- Where possible, address resource constraints and institutional changes

# Hot Topics

## ➤ Pavement

- New structure and condition data
- Annual International Roughness Index (IRI)
- Bridges and railroad crossing in IRI

## ➤ Traffic

- Motorcycle travel estimates
- Universe AADT through Major Collector and NHS

## ➤ Functional classification

## ➤ Ramps

## ➤ New data model

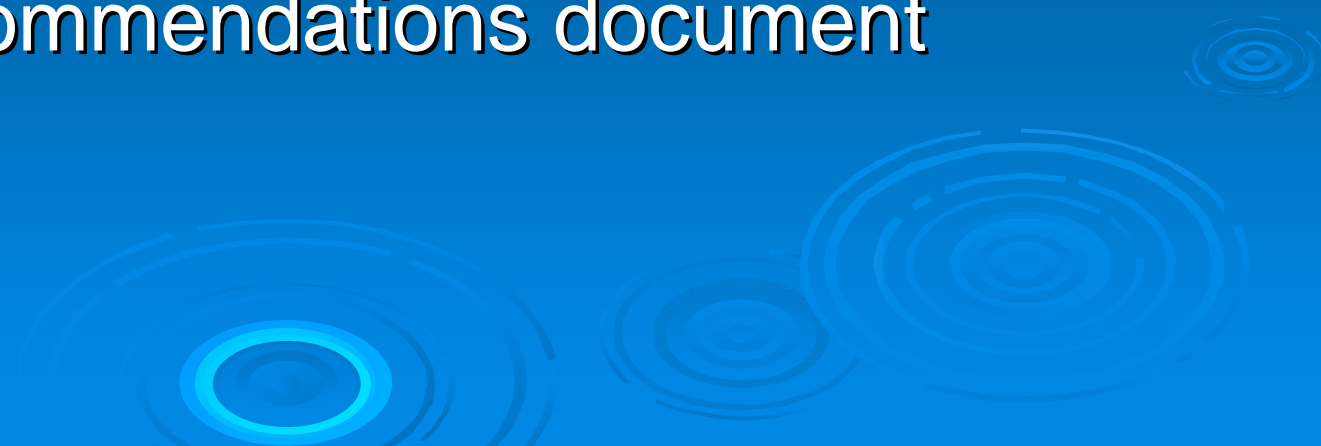
# Remaining Work

- Sampling
- New Data Model
- Functional classification
- Summary data
- Metadata
- *Data Specifications*
- *New Field Manual*




Final Report

# Activities to Date

- Meetings with DOT users
  - Development of Issue Papers
  - Outreach Workshop
  - Webinars
  - Meeting with AASHTO
  - Draft Recommendations document
- 

# Opportunities to get involved

- *Data specifications*
    - Webinars
    - Drafting document
  - Data Model pilot
  - *Field Manual*
  - Any of the other areas
- 

# Reassessment Schedule

## ➤ 2007

- July & August – Data specification webinars
- September – Final Reassessment Report
- December – Draft Field Manual

## ➤ 2008

- February or March – Annual HPMS Workshop
- June 15 – Mandatory Motorcycle VMT and Metadata

## ➤ 2009

- June 15 – Optional Geospatial Submittal

## ➤ 2010

- June 15 – HPMS Submittal under New Data Model

# Resources

## ➤ FHWA Site

- <http://www.fhwa.dot.gov/policy/ohpi/hpms/hpmsreassessment.cfm>

## ➤ Docket

- <http://dms.dot.gov/> Once there, please refer to Docket # FHWA-2006-23638

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