Standing Committee on Highways (SCOH)  
Fall Meeting 2015 – Chicago, Illinois  

Business Session  

FHWA Activities  

WALTER C. WAIDELICH, JR.  
ASSOCIATE ADMINISTRATOR FOR INFRASTRUCTURE  
SEPTEMBER 25, 2015
Regulatory Activities - TPM

- Safety Performance Measures
- Highway Safety Improvement Program
- Statewide and Metro Planning; Non-Metro Planning
- Infrastructure Condition Performance Measures
- Highway Asset Management Plan
- System Performance Measures

http://www.dot.gov/regulations/report-on-significant-rulemakings
Performance Management Support and Capacity Building

- HPMS Pavement Data
  - Report Cards
  - Technical Assistance on Request
    Max Grogg (515-233-7306, Max.Grogg@dot.gov)

- TPM Capability Maturity Model, Guidebook & Workshops

Website: www.fhwa.dot.gov/tpm
Regulatory Activities - Other

- Tunnel Inspection Standards
- Bridge Inspection Standards
- CMGC Regulation
- Engineering and Design Services
- Design Standards Regulation (23 CFR 625)

http://www.dot.gov/regulations/report-on-significant-rulemakings
Long Term Pavement Performance Research

http://www.infopave.com

Jack.Springer@dot.gov
Long Term Bridge Performance Bridge Portal

- LTBP Field Data
- Traffic & Truck Data
- Inspection Data
- NBI & Element Level
- Weather Data
- Maintenance & Preservation

LTBP Bridge Portal
Data-Driven Tool

- Version 1 (September 2015)
- Version 2 (Expected 2017)
- Future Development

Tools:
- Basic Deterioration Model
- Advanced Data & Statistical Analysis
- Bridge Performance Assessment
- GIS Mapping & Visualization
- Custom Reporting & Data Extraction
- Life Cycle Model
- Bridge Timelines (materials & design)
- Data-Driven Deterioration Model
- Mobile Apps
- 3-D Visualization
- NDE Web Manual Link

Future Development:
- Tools for Asset Management
- Mobile Apps
- 3-D Visualization
- NDE Web Manual Link
Pavement Preservation

- Pavement Preservation Expert Task Group
- Preservation Web Based Training
Infrastructure Quality & Durability

- Quality Assurance Practices

- Asphalt Compaction Initiative

- Best Practice Guidance
  - Ground Tire Rubber
  - Recycled Asphalt Shingles
Highway Materials Engineering Course

- Complete Update in 2014

- Delivery Costs (~$15,000 tuition; ~$5000 travel)
  - Initial: 100% FHWA
  - 2nd: Shared (State covers travel)
  - Future: 100% State

- Decision Point: March 2016
Truck Parking

- Jason’s Law Truck Parking Survey and Comparative Assessment
- National Coalition on Truck Parking
- Identification of Metrics

Every Day Counts

EDC-3 Progress Report #1

• Highlights from January through June 2015

STIC Incentive Program
(Sept. 15, 2015)

www.fhwa.dot.gov/everydaycounts
QUESTIONS