Moving the FHWA Toward a Performance-Based Transportation Program

April 25, 2012

FLH Business Meeting
Discussion Outline

• FHWA’s Preparation for Performance-Based Program (PBP)
  o Internal Reorganization
  o Proposed Reauthorization

• FHWA’s Vision for Implementing a PBP

• On going efforts
## Current Environment

- Greater emphasis on Performance of Transportation System
- Increase in Demand for Transparency and Accountability in Federal Program
- System Performance language in both Proposed Highway Bills.
Reauthorization and Performance Management
## The Proposals – Side by Side Comparison

<table>
<thead>
<tr>
<th>Element</th>
<th>Senate Version</th>
<th>House Version</th>
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</table>
| **Performance Goals** | 6 national goal areas:  
- Safety  
- Infrastructure Condition  
- System Reliability  
- Freight Movement/Economic Vitality  
- Environmental Sustainability  
- Reduce Project Delivery Delays | - 1 national performance management goal  
- Nation’s highway and public transportation systems  
- Ensure:  
  - economic growth  
  - safety improvement  
  - increased mobility |
| **Measures**     | - Measures for 5 national goal areas  
- USDOT establishes measures | - Measures for 11 categories (22 max measures)  
- States recommend measures  
- USDOT establishes measures. |
## The Proposals – Side by Side Comparison

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| **Targets** |  - States & MPOs establish targets.  
- USDOT certifies target.  
- Accountability to meeting targets |  - States establish & adjust targets  
- USDOT sets process |
| **Plans** |  - Investment plans required  
- Integrated into planning process  
- USDOT certifies plans |  - Investment plans required  
- Integrated into planning process  
- USDOT sets process  
- Plans required to use funds |
| **Reporting** |  - States required to submit performance progress report  
- USDOT required to produce national performance report |  - States required to submit performance progress report |
### Side by Side Comparison - FLH Requirements

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>Measures</td>
<td>- Secretary to implement management systems for safety, bridge, pavements and congestion management.</td>
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<tr>
<td>Plans</td>
<td>- FLMAs submit application for agency program fund distribution to Secretary</td>
<td></td>
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<tr>
<td>Targets</td>
<td>- Silent</td>
<td></td>
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<tr>
<td>Reporting</td>
<td>- 1 year after enactment, FLMAs report element level data to USDOT for all highway bridges on NHS</td>
<td>- Secretaries of FLMA to collect and report inventory and condition data for highways, tribal roads and bridges</td>
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<tr>
<td>Other</td>
<td>- The Secretary in coordination with FLMA Secretaries defines data collection and reporting standards</td>
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**Side by Side Comparison-FLH Requirements**

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<tr>
<td>Data</td>
<td>- The Secretaries of FLMA to maintain a comprehensive national inventory of public tribal transportation facilities and federal lands transportation facilities</td>
<td>- Secretary of the Interior maintains a comprehensive national inventory of tribal roads and Federal Lands highways.</td>
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</tbody>
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Common Authorization Themes

• National performance areas
• National performance measures—FLMAs to implement management systems for PMS, BMS, SMS and CMS
• State performance targets—silent on targets for FLMAs
• Plans to document investment strategies—FLMAs to submit “application” for funding
• Transparent performance reporting
• Performance based planning and programming
• Performance accountability
Differences to be Resolved

- Specific national performance areas
- Implementation schedule
- Approach to accountability requirements
- Approach to target setting
- Federal role
  - Plan development
  - Target setting
  - National reporting
Challenges and Opportunities

• Need for consistent measures
• Reliability and quality of data
• Availability and timeliness of data
• Target setting
• Agency coordination
• Linking actions with outcomes
What if Authorization Does Not Occur Soon?

- FHWA is committed to moving forward to focus the FHP on performance outcomes.
- FHWA will collaborate with partners and stakeholders to:
  - establish national policy on performance,
  - develop national performance measures,
  - identify program priorities, and
  - communicate the national “performance story”
- FHWA will continue to take steps to prepare ourselves as national leaders
- FHWA will work to improve our ability to link investments to outcomes.
Performance Management Elements

- Goals/Objectives
- Performance Measures
- Target Setting:
  - Evaluate Programs, Projects & Strategies
- Allocate Resources:
  - Budget and Staff
- Measure, Evaluate, and Report Results:
  - Actual Performance Achieved

Transportation Performance Management

FOCUS → PLAN → PROGRAM → DELIVER → ASSESS

Quality Data
What is FHWA Doing?
The TPM Actions

What do we need to focus on at the national level?

What are the priorities and how will they be met?

Were expectations met? Why? Why not?

How will investments be made to achieve expectations?

Are we on track to meet expectations?

Measures – Targets – Investment Plans – Progress Tracking - Reports
Ongoing FHWA Efforts

1. Building Our Strength
   - **FHWA Awareness Training** - Developed a 90 minute training session on PM concepts and envisioned FHWA roles to carry out a national program.
   - **Core Competencies** - Have identified four core competencies and desired proficiency
   - **Data Integration** - Conducting a data integration project to develop a framework to pull together key FHWA information systems (financial, project, performance) so that investments and work activities can be better linked to performance outcomes.
Ongoing FHWA Efforts

2. Promote Best Practices
   - NCHRP project underway in several metropolitan locations to highlight model approaches to develop performance-based Statewide and Metropolitan Long Range Transportation Plans.
   - Have developed a series of Highway Safety Manual case studies to showcase effective uses of new highway safety analysis tools
   - National workshops in Performance-based Planning and Programming.
**Ongoing FHWA Efforts**

3. Partnering to Design Framework for a National Program

- Working with AASHTO to develop measures that can be used to report on performance outcomes in each of the national performance areas.
- Working with AASHTO and AMPO to test out how reliably existing tools can be used to set realistic targets.
- Exploring approaches that can be used by States and MPOs to develop plans to document how program investments and strategies can achieve targets.
- Developing template Asset Management Plan through the new TAM ETG.
Summary

• New authorization will definitely change the way that FHWA does business in the future.
• FHWA is committed to preparing itself for a performance-based program.
• FHWA is committed to working with its partners and stakeholders to help prepare for the performance-based program.
Questions?
Thank You!

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