



U.S. Department of Transportation  
Federal Highway  
Administration

# *2014 Annual Fall Asphalt Conference*

*Irene Rico*

*Division Administrator*



- **MAP-21**
- **Highway Trust Fund**
- **Reauthorization Status**
- **Accelerating Innovation**
- **FHWA Risk Based Stewardship and Oversight Role**



# MAP-21

Moving Ahead for Progress in the 21st Century

*MAP-21 transitions to a performance and outcome-based program*

*The USDOT is implementing the new MAP-21 performance requirements through nine rulemakings released in several phases:*

- *Planning - 1*
- *Highway Safety - 3*
- *Highway Conditions -2*
- *Congestion/System Performance -1*
- *Transit Performance - 2*

The background of the top section is a map of the United States, showing major highways and city names. The text "MAP-21" is prominently displayed in the center.

# MAP-21

Moving Ahead for Progress in the 21st Century

*June 2, 2014 USDOT Published Notice of Propose Rule Making to propose updated Planning Regulations. Comment period extended to Oct. 2, 2014.*

*March 2014 USDOT Published the Notice of Propose Rule Making on Safety Performance Measures and Highway Safety Improvement Program. Comment period closed June 30.*



# MAP-21

Moving Ahead for Progress in the 21st Century

## *Coming in October 2014:*

- *Pavement and Bridge Performance Measure NPRM*
- *Asset Management Plan NPRM*

## *Coming in December 2014:*

- *System Performance Measure NPRM*

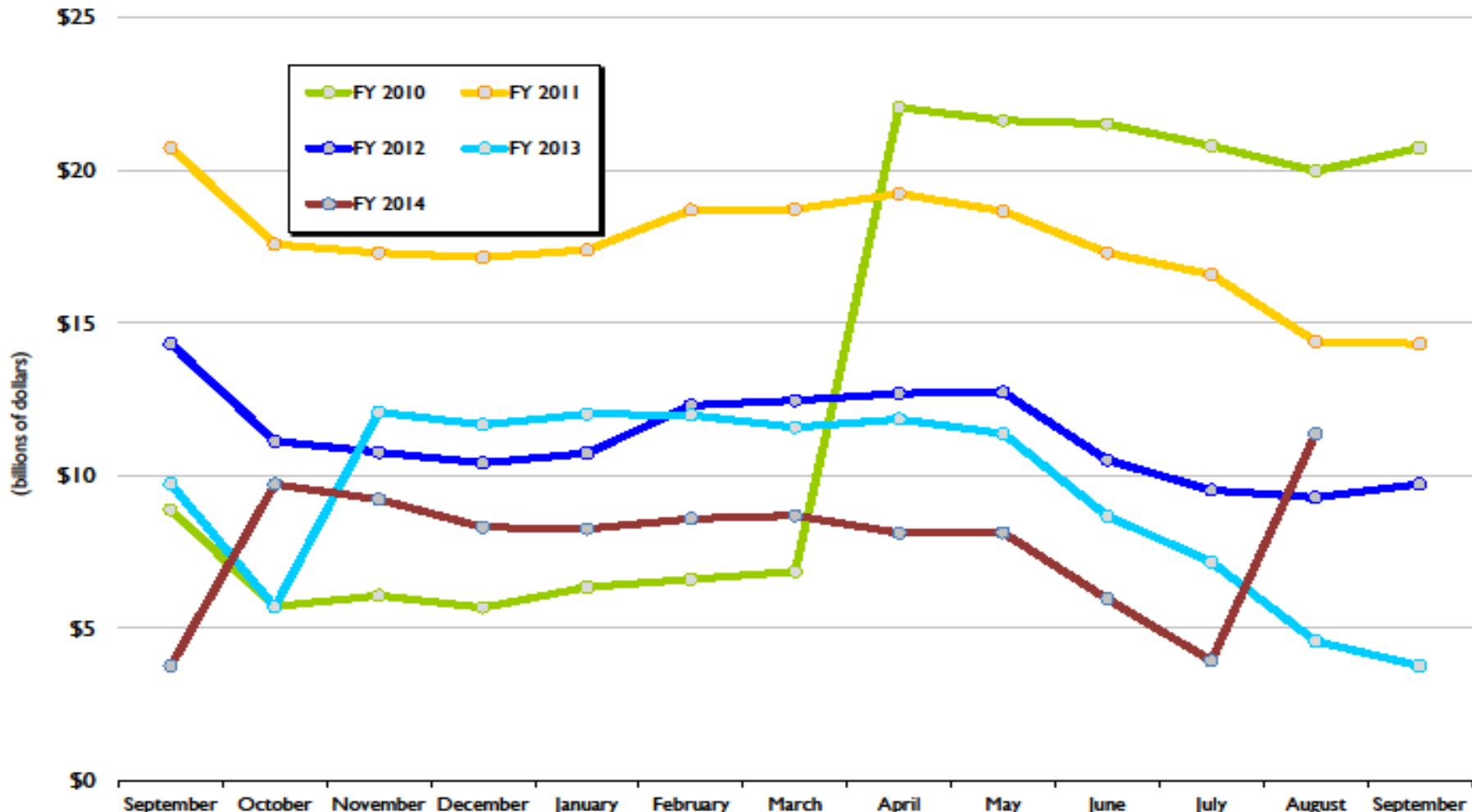
*Encourage you to review the proposed rules as they become available in the Federal Register and submit comments to the docket of each rule.*



# Highway Trust Fund

- **Has been experiencing shortfall in revenue for a while**
- **This July 31, 2014 the Highway Trust Fund Solvency Bill was passed**
- **It included an extension of MAP-21**
- **It transferred \$10.8 billion**
- **Keeping the Highway Trust Fund solvent until May 31, 2015**

## Highway Account Balance



For FY 2010 includes \$14.7 billion transferred from the General Fund (GF) in April pursuant to Public Law (P.L.) 111-147.

For FY 2012 includes \$2.4 billion transferred from the Leaking Underground Storage Tank (LUST) Trust Fund in August pursuant to P. L. 112-141

For FY 2013 includes \$6.2 billion transferred from the GF in November pursuant to P.L. 112-141, of which \$316.2 million was sequestered in August.

For FY 2014 includes \$10.4 billion transferred from the GF in October pursuant to P.L. 112-121 less sequester of \$748.8 million. Also includes \$7.765 billion transferred from the GF and \$1 billion transferred from the LUST Trust Fund in August pursuant to P. L. 113-159



## **Extension of MAP-21**

- **MAP-21 extended for eight months, through May 2015**
- **Will operate under MAP-21 funding levels and program structure from FY14**
- **A long term transportation is needed**





# **Transportation Reauthorization Proposal**

- **The Administration submitted to Congress a proposal for a long term transportation bill “GROW AMERICA ACT”**
- **A \$302 billion, four year transportation reauthorization proposal**
- **Funded by supplementing current revenues with \$150 billion in one-time transition revenue from pro-growth business tax reform**
- **Over the next months Congress will need to focus on a long term transportation bill**



U.S. Department of Transportation  
**Federal Highway  
Administration**

efficiency through technology and collaboration



**EDC-3**  
*Innovations*

# Advancing Innovation





**EDC-3**  
*Innovations*

## **What's New?...EDC 3!**

- **FHWA is launching a set of new initiatives!**
- **Promoting 11 innovations**
- **Seven Regional Summits this fall**
  - **Bringing together transportation leaders and front-line professionals,**
  - **Learn about the new innovations**
  - **Begin the process to select innovations to implement**



**EDC-3**  
*Innovations*

## **Some of the EDC 3 Innovations:**

- *3D Engineered Models: Schedule, Cost, and Post-Construction*
- *e-Construction: Paperless construction administration*
- *Improving DOT and Railroad Coordination*
- *Smart Work Zones: Road Project Coordination and Technology Applications*

## Focus Areas



•**Safety:** To reduce the severity of highway crashes



•**Renewal:** To accelerate the renewal of America's highway infrastructure



•**Reliability:** To provide a highway system with reliable travel times



•**Capacity:** To increase highway capacity in support of economic, environmental, and social goals

## What are SHRP2 Solutions?

- **Practical products that help meet needs of Transportation Agencies in times of shrinking budgets**
- **Implementation assistance provided to States**
- **Currently providing implementation and technical assistance to projects in 37 States**

## **Example of SHRP2 Solutions:**

- **Technologies to Enhance Quality Control on Asphalt Pavements (R06C)**
  - **Nondestructive techniques for measuring uniformity and potential defect areas in asphalt pavements**
  - **Technologies (infrared and radar) offer real-time testing of potentially 100 percent of the pavement area**
- **VDOT is considering these technologies**

## **Anticipated Round 5 Products:**

- **3D Utility Location Data Repository**
- **Performance Specifications for Rapid Renewal**
- **Railroad-DOT Mitigation Strategies**
- **Planning Process Bundle**

**Application process will begin January 16, 2015.**

**Product webinars are expected for early December**





## **Why FHWA's Risk Based Stewardship & Oversight Approach?**

- **MAP-21 gave FHWA increased flexibility in carrying out its S&O responsibilities**
- **To effectively deliver a large and complex program, requires that we use our limited resources more efficiently and effectively**



## **FHWA's Risk Based Approach to S&O**

- **A Systematic Process for managing our S&O Responsibilities**
- **Integrating risk management into our performance planning process**
- **Develop initiatives that focus on the threats to our programs and projects**
- **And take advantage of opportunities to add value to our programs and projects**



## **Closing Thoughts**

**In times of limited budgets our Industry needs to...**

- Tap into Innovation**
- Develop Strong Partnerships**
- Deliver Long Lasting Products to Our Customers**
- Be a Leader!**