MAP-21 MPO and Local Agencies

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2013 RMWPPP Annual Meeting
Anchorage, AK
Agenda

• Performance Goals
• Asset Management
• Buy America Provision
• Timing
MAP-21 Overview

Moving Ahead for Progress in the 21st Century

- Signed into law July 6, 2012
- Refines previous transportation legislation
Performance Goals

• Safety - Reduce fatalities and serious injuries
• Infrastructure Condition - State of good repair
• Congestion Reduction - Significant reduction across NHS
• Reliability - Improve efficiency of network
• Freight - Strengthen network including access from rural areas
• Environmental Stability - Protect and enhance the environment
• Project Delivery - Simplify and reduce delays
Performance Measures

- Pavement Condition
- Network Performance
- Bridge Condition
- Fatalities/Serious Injury analysis
- Congestion
- Emissions
- Freight Movement
Asset Management

Strategic and systematic process to operate, maintain, and improve assets using engineering and economic analysis.

Quality data used to sequence, schedule and prioritize maintenance.

- Preservation
- Repair
- Rehabilitation
- Replacement
Asset Management

• Quality Data
  – Accurate
  – Repeatable
  – Tells the story

• Data Types
  – AADT
  – History
  – Distresses
  – IRI
Risk based analysis mandated for pavements and bridges but other assets can be included.

Plan must include the following:

- Description and condition
- Plan objectives
- Identify performance gaps
- Life cycle cost
- Financial plan
- Investment strategies
# Simple Risk Analysis

| Probability of Failure | 1   | 2   | 3   | 4   | 5   | 6   | 7   | 8   | 9   | 10  | 11  | 12  | 13  | 14  | 15  | 16  | 17  | 18  | 19  | 20  | 21  | 22  | 23  | 24  | 25  | 26  | 27  | 28  | 29  | 30  |
|------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1                      | 1   | 2   | 3   | 4   | 5   |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 2                      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 3                      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 4                      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| 5                      |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |

**Consequences of Failure**
Asset Management

Economic Risk Analysis

Preservation - Low Cost $

Mid range - Moderate Cost $$$$

Major - High Cost $$$$$$
Asset Management

What if you don’t have an Asset Management Plan?

Federal match on projects drops from 80% to 65%.
MAP-21 Amends 23 U.S.C. 313 requiring the application of the Buy America statute to all eligible contracts regardless of funding source.

All ancillary contracts for a project must follow the Buy America clause.
Buy America

- Design
- Utility Relocation
- Ancillary improvements

- Exemption for contracts executed prior to Oct 1, 2012.
Timing

Calendar Year 2012
- Q4
- Measure Areas

Calendar Year 2013
- Q1
- Consultation / NPRM
- Q2
- Consultation / NPRM
- Q3
- Comments
- Q4
- Final Rule

Calendar Year 2014
- Q1
- Comments
- Q2
- Final Rule
- Q3
- Comments
- Q4

Calendar Year 2015
- Q1
- Final Rule
- Q2

Single Effective Date for all Measure Areas
Timing

• States set targets to meet Performance Measures within one year of rule making

• MPOs/Locals set targets in coordination with state within 180 days of state targets
Questions?

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