



U.S. Department of Transportation

Federal Highway Administration
(FHWA)

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Transportation Initiatives

- GROW AMERICA Act
- National Transportation Goals
- National Performance Measures
- National Review Team
- Every Day Counts



GROW AMERICA

- A substantial increase in investment
- A multi-year timeframe
- Policy changes that continue to streamline the permitting process, while protecting and improving the environment
- Greater opportunity for private investment and a greater voice for communities, MPOs and Freight Operators



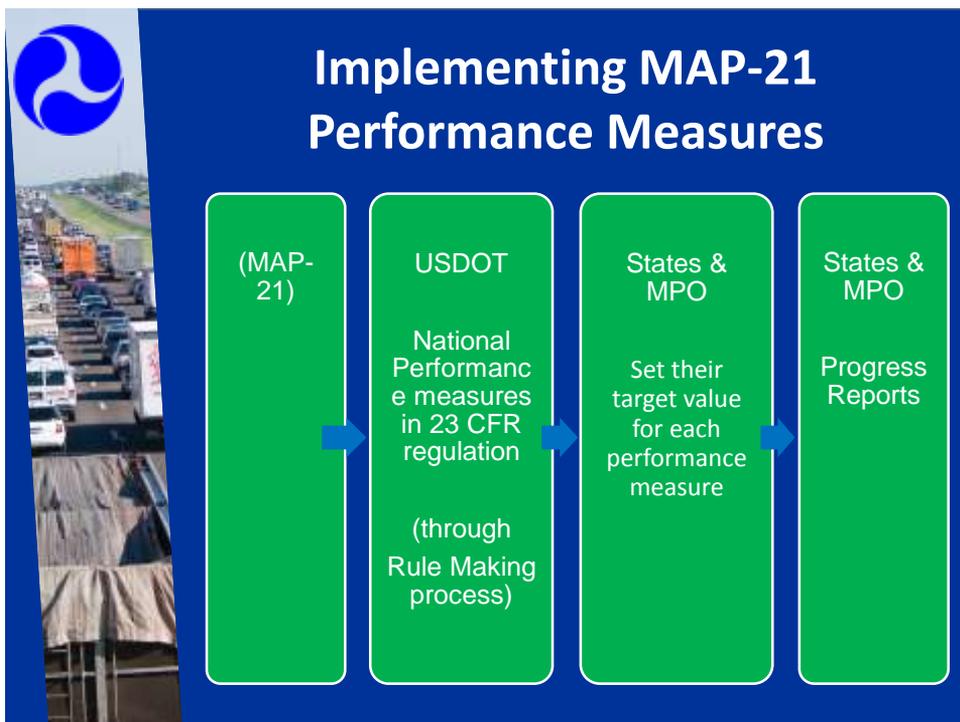
Secretary Foxx's Three Priorities

1. Safety
2. Close the infrastructure deficit
3. Use technology and process innovation to modernize the transportation system




7 National Federal-aid Highway Goals

1. Safety
2. Infrastructure Condition
3. Congestion Reduction
4. System Reliability
5. Freight Movement & Economic Vitality
6. Environment Sustainability
7. Reduced Project Delivery Delays





MAP-21 Notice of Proposed Rule Making

1. Safety Performance Measures
2. Highway Safety Improvement Program
3. Planning
4. Pavement & Bridge Condition
5. Asset Management Plan



Notice of Proposed Rule Making (NPRM)

- Pavement and Bridge Condition Performance Measures
 - Published on January 5, 2015
 - Public comment period closed May 8, 2015
- Process for developing Asset Management Plans
 - Published on February 20, 2015
 - Public comment period closed May 29, 2015



Notice of Proposed Rule Making



NBI Rating Scale <i>(from 0 – 9)</i>		9	8	7	6	5	4	3	2	1	0
		Good			Fair		Poor				
Bridge	Deck <i>(Item 58)</i>	≥ 7			5 or 6		≤ 4				
	Superstructure <i>(Item 59)</i>	≥ 7			5 or 6		≤ 4				
	Substructure <i>(Item 60)</i>	≥ 7			5 or 6		≤ 4				
	Culvert <i>(Item 62)</i>	≥ 7			5 or 6		≤ 4				



Notice of Proposed Rule Making



Minimum condition level: ≤ 10% of total deck area of NHS bridges classified as Structurally Deficient (i.e. poor condition)

Calculation:

$$100.0 \times \frac{\text{Total Deck Area of NHS Bridges Classified as Structurally Deficient}}{\text{Total Deck Area of NHS Bridges in a State}}$$

Penalty: If for 3 consecutive years the minimum condition level is not met, State must set aside and obligate NHPP funds for eligible projects on bridges on the NHS



Notice of Proposed Rule Making

- **The implementation of MAP-21** performance measures will focus federal transportation investments on the NHS leading to improved bridge conditions.
- **Total Bridges: 12,199**
 - NHS: **5,438** (1.84% or 21 bridges in poor condition, deck area)
 - Off NHS: **6,761** (4.76% or 208 bridges in poor condition, deck area)



Notice of Proposed Rule Making

Calculation of Pavement Measures (490.313)

Overall Section Condition Rating	Pavement Type		Measures
	Asphalt and Jointed Concrete	Continuous Concrete	
Good	3 metric ratings (IRI, cracking and rutting/faulting)	2 metric ratings (IRI and cracking)	percentage of lane-miles in "Good" condition
Poor	≥ 2 metrics rated "Poor"	Both metrics rated "Poor"	percentage of lane-miles in "Poor" condition
Fair	All other combinations	All other combinations	



National Reviews

- Technology advancements
- DBEs
- Design Build Projects
- Bicycle and Pedestrian Safety
- Compliance



“Every Day Counts”

- ✓ **CMGC (FDOT’s CM @ Risk)**
 - Projects: 8
- ✓ **Design Build**
 - Over 400 Active Projects
- ✓ **Warm Mix Asphalt**
 - Fully Implemented, 1.13 million Tons
- ✓ **Safety Edge**
 - In Florida Greenbook
- ✓ **Programmatic Agreements II (ETDM)**
 - 18 ETDM Interagency Agreements
- ✓ **High Friction Surfaces**
 - 24 Locations
- ✓ **PBES & GRS/IBS**
 - Six bridges using GRS-IBS
- ✓ **First Responder Training**
 - 3383 Participants



Making "Every Day Count"

Round III of EDC Initiatives Underway:

- ✓ Regional modes of Cooperation
- ✓ Data-Driven Safety Analysis
- ✓ Ultra-High Performance Concrete Connections for Pre-Fabricated Bridge Elements
- ✓ Improving DOT and Railroad Coordination



Successful Partnerships

