

# MAP-21

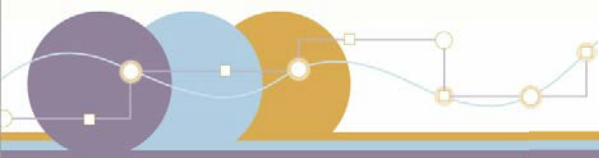
## *Moving Ahead with Progress in the 21<sup>st</sup> Century*

### **Performance Management** *An Update on Implementation*

TRB Annual Meeting  
January, 2013

Federal Highway Administration

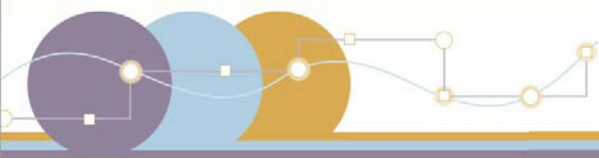
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## *MAP-21 Performance Elements*

- National Goals
- Performance Measures
- Performance Targets
- Performance Plans
- Performance Reports
- Performance Accountability

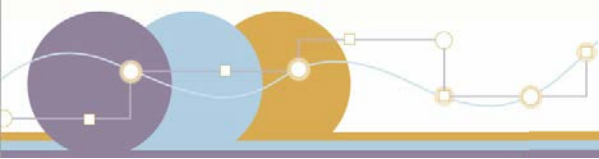
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## *Implementation Efforts*

- MAP-21 Website
  - Answers to Common Questions
  - Fact Sheets
  - Preliminary Guidance
- Rulemaking
- Final Guidance
- Stakeholder Outreach
- Training and Support

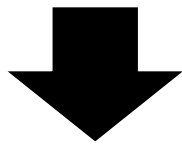
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## *Evaluation of Candidate Measures*

Is it Appropriate?  
*Will the measure support national programs?*

Are We Ready?  
*Can data be in place to support the desired measure?*



6 Factors



6 Factors

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## *Is The Measure Appropriate?*

Focused

- Is the measure focused on an area of national interest?

Collaborated

- Has the measure been developed in partnership with stakeholders?

Maintainable

- Is the measure maintainable to accommodate changes?

Impactful

- Can the measure be used to support investment decisions, policy making and target setting?

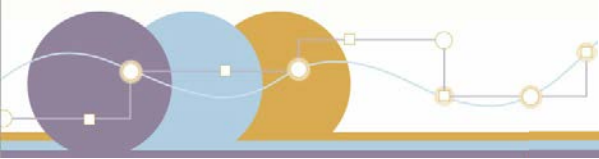
Track-able

- Can the measure be used to analyze performance trends?

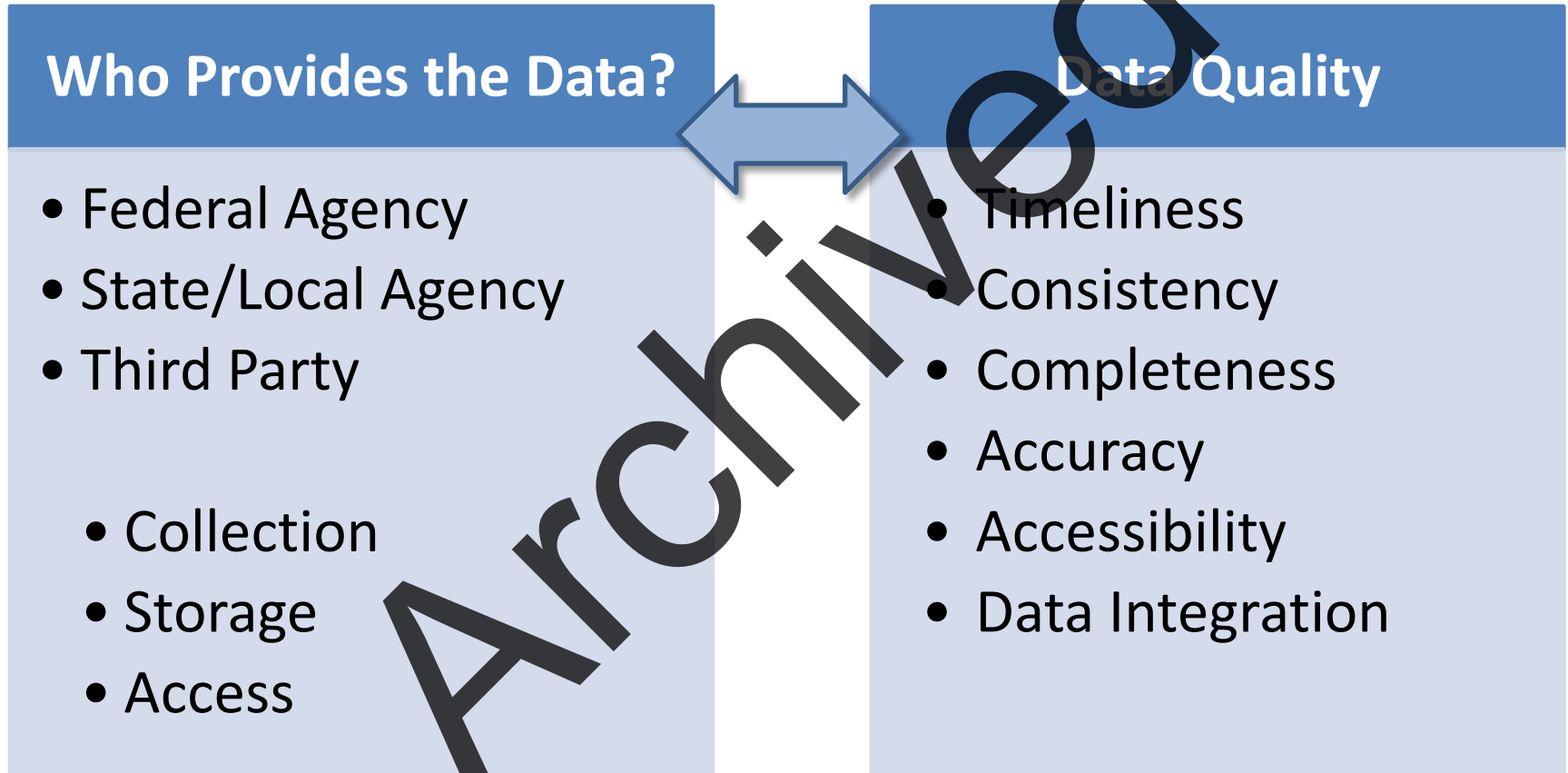
Feasible

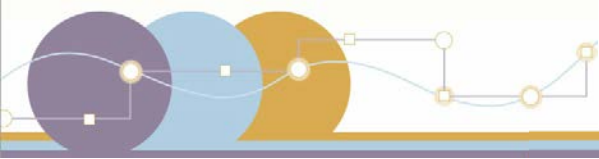
- Has the feasibility & practicality to collect, store, & report data for the measure been considered?

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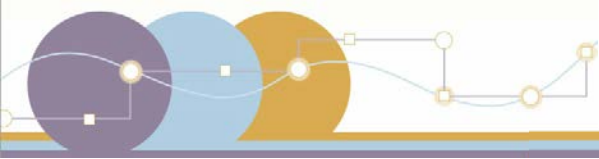
## *Are We Ready to Use the Measure?*





## *Stakeholder Outreach*

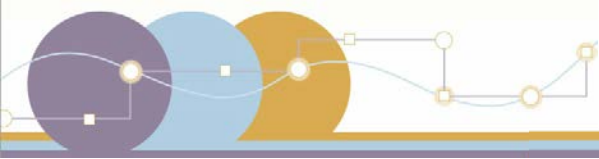
- Methods of Outreach
  - Webinars
  - National Online Dialogues
  - Virtual Town Hall Meetings
  - Subject Matter Meetings
  - Direct Contact to FHWA
    - [PerformanceMeasuresRulemaking@dot.gov](mailto:PerformanceMeasuresRulemaking@dot.gov)
- Focused Areas for Outreach
  - Performance Measures
  - Target Setting Listening Session
  - Reporting
  - Data Systems and Tools



## *Related Guidance and Regulations*

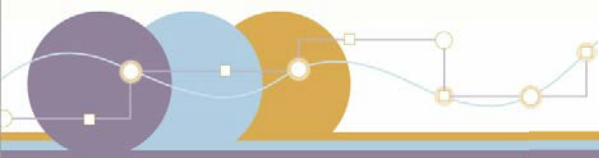
- Measures Regulation
- Planning Regulation
- Program Regulation and Guidance
- Asset Management Plan Process Regulation
- Public Transportation Regulation
- Highway Safety Plan Regulation
- Implementation Guidance





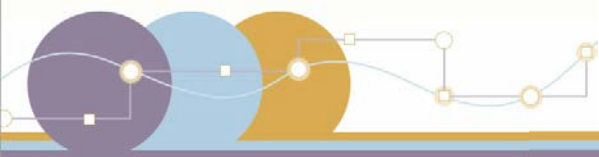
## *Performance Measure Areas*

- National Highway Performance Program
  - NHS Bridge Condition
  - Interstate and NHS Pavement Condition
  - Interstate and NHS Performance
- Highway Safety Improvement Program
  - Fatalities on all Public Roads (total number and rate)
  - Serious Injuries on all Public Roads (total number and rate)
- Congestion Mitigation & Air Quality Improvement
  - Traffic Congestion
  - On-Road Mobile Source Emissions
- Freight Policy
  - Freight Movement on the Interstate



## *Performance Measure Rules*

- Establishment of National Measures
  - Measure Definition
  - Data Elements
- Setting Minimum Condition for Interstate Pavements
- Outlining Target Setting Requirements
- Defining Target Achievement
- Outlining Performance Reporting Requirements



## *Group Measures Based on Readiness*

<b>PROGRAM</b>	<b>MEASURE CATEGORY</b>
<b>STATUS I</b>	• Serious Injuries per VMT
	• Fatalities per VMT
	• Number of Serious Injuries
	• Number of Fatalities
<b>STATUS II</b>	• Pavement Condition on the Interstates
	• Pavement Condition on the Non-Interstate NHS
	• Bridge Condition on NHS
<b>STATUS III</b>	• Traffic Congestion
	• On-road mobile source emissions
	• Freight Movement
	• Performance of Interstate System
	• Performance of Non-Interstate NHS



## Staged Rule Schedule

Measures / Fiscal Year		Safety Measures	Pavement & Bridge Measures	CMAQ, Performance, and Freight Measures
FY / QUARTER		Status I	Status II	Status III
FY13 (Year 1 of MAP-21)	Q1	Consultation/ NPRM	Consultation/ NPRM	Consultation/ NPRM
	Q2			
	Q3			
	Q4			
FY14 (Year 2 of MAP-21)	Q1	Comments	Comments	Final Rule
	Q2	Final Rule		
	Q3	Final Rule	Comments	
	Q4			
FY15	Q1			Final Rule
	Q2			

Single Effective Date: **Spring 2015**





## *Traffic Congestion and NHS Performance*

- Considerations
  - Data sources, availability, coverage
  - Trip information, movement of people
  - Modes of transportation
  - Scalability
  - Target setting
- Current Efforts
  - Acquiring data
  - Exploring measure alternatives
  - Evaluating feasibility for implementation

Thank You!

[www.fhwa.dot.gov/map21](http://www.fhwa.dot.gov/map21)

PerformanceMeasuresRulemaking@dot.gov

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