



# LOCAL PRIORITIES AND PERFORMANCE MEASURES

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# MAP-21 Requirements (§150(c))

- Within 18 months of MAP-21 enactment (April 1, 2014), USDOT promulgates a rulemaking that establishes performance measures and standards
- Measure development in consultation with State DOTs, MPOs and other stakeholders – minimum of 90 day comment period
- Measures reflected in long-range plans, TIPs, and STIPs and reported to US DOT



# BACKGROUND

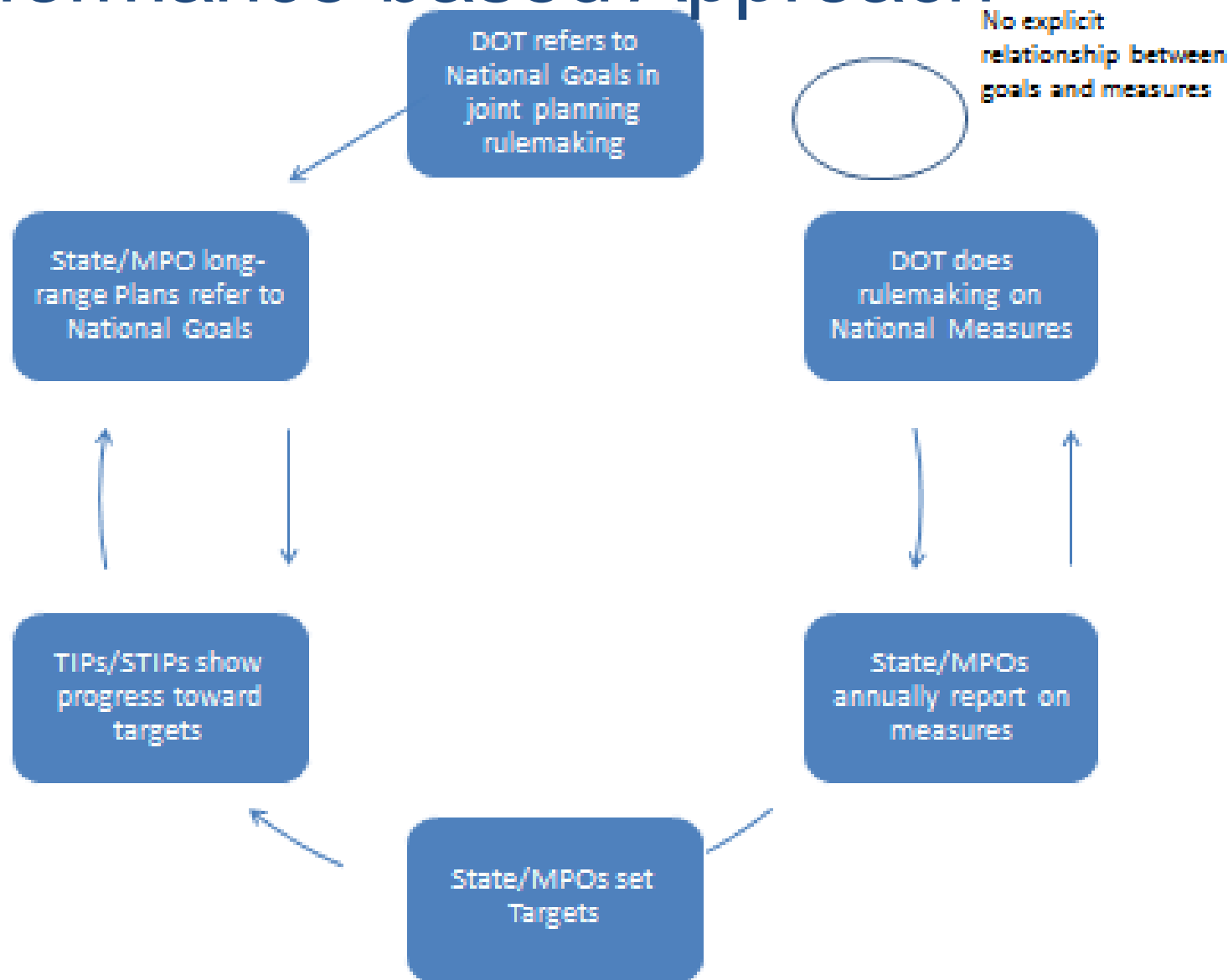
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# The Federal Interest

- National Goals for the Federal-aid Program:
  1. Safety
  2. Infrastructure Condition
  3. Congestion Reduction
  4. System Reliability
  5. Freight Movement and Economic Vitality
  6. Environmental Sustainability
  7. Reduced Project Delivery Times
- National goals are considered in National Highway Performance Program, Metro planning, & Statewide planning.

# Performance-based Approach





<b>PROGRAM</b>	<b>MEASURE CATEGORY</b>
National Highway Performance Program	<ul style="list-style-type: none"><li>• Pavement Condition on the Interstates</li><li>• Pavement Condition on the Non-Interstate NHS</li><li>• Bridge Condition on NHS</li><li>• Performance of Interstate System</li><li>• Performance of Non-Interstate NHS</li></ul>
Highway Safety Improvement Program	<ul style="list-style-type: none"><li>• Serious Injuries per VMT</li><li>• Fatalities per VMT</li><li>• Number of Serious Injuries</li><li>• Number of Fatalities</li></ul>
CMAQ Program	<ul style="list-style-type: none"><li>• Traffic Congestion</li><li>• On-road mobile source emissions</li></ul>
Freight Policy	<ul style="list-style-type: none"><li>• Freight Movement on the Interstate</li></ul>



# Public Outreach

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United States Department of Transportation

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SHARE YOUR IDEAS

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## National Online Dialogue on MAP-21 Transportation Performance Measures

**SHARE.  
DISCUSS.  
VOTE.**

The cornerstone of the Moving Ahead for Progress in the 21st Century Act (MAP-21) is its focus on developing a performance and outcome-based federal transportation program. The purpose of this **National Online Dialogue (NOD) on Transportation Performance Measures** (September 12, 2012 to September 21, 2012) is to provide the United States Department of Transportation's partners and stakeholders the opportunity to discuss and provide suggestions on the establishment of performance measures and standards (standards include items such as metrics, data collection, data sources, etc.) for States to use to assess:

- conditions of the Nation's roads and bridges, minimum levels for the condition of pavement on the Interstate System, and performance of the Nation's highway system;
- progress towards achieving a significant reduction in traffic fatalities and serious injuries on all public roads;
- progress towards achieving traffic congestion reductions and emission reductions;
- national freight movement;
- needs to prioritize investments in the Nation's public transit systems; and
- transit safety.

For additional information on performance provisions in MAP-21, visit [\(insert link\)](#). You can download the informational NOD flyer [here](#) ([link to more detailed flyer or promotional webpage](#)).

**PLEASE REGISTER TO GIVE US AN IDEA, COMMENT ON ANOTHER IDEA OR VOTE ON AN IDEA** by clicking on the register link at the top right of the page or scrolling down to click on the submit a new idea button.

You can also chose to login using your Facebook, Gmail, Yahoo, Twitter, LinkedIn, or AOL account by selecting the log-in link at the top right of the page.

Once you have registered and logged in:

- Please review the Campaign Areas to the left or browse the ideas below.
- Pick the Campaign Area or idea of your choice and click on it. Then select the "Submit New Idea" Button to share an idea.
- Comment or vote on someone else's idea.
- Encourage other transportation professionals to join the dialogue and share experiences

Need assistance? For questions or problems joining this dialogue contact [Michael.Nesbitt@dot.gov](mailto:Michael.Nesbitt@dot.gov)

[Submit New Idea](#)



# LOCAL IMPACTS

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# Livability and Performance Measures

## Livability Projects

- Multi-modal
- Considers land use, economic growth, and project context
- Focus on connectivity and integrating systems

## MAP-21 Measures

- Mode-specific: transit / safety / highway / freight
- Excludes economic development, housing from consideration
- Focus on on-road vehicle travel at corridor level



## Determinants of Travel Time

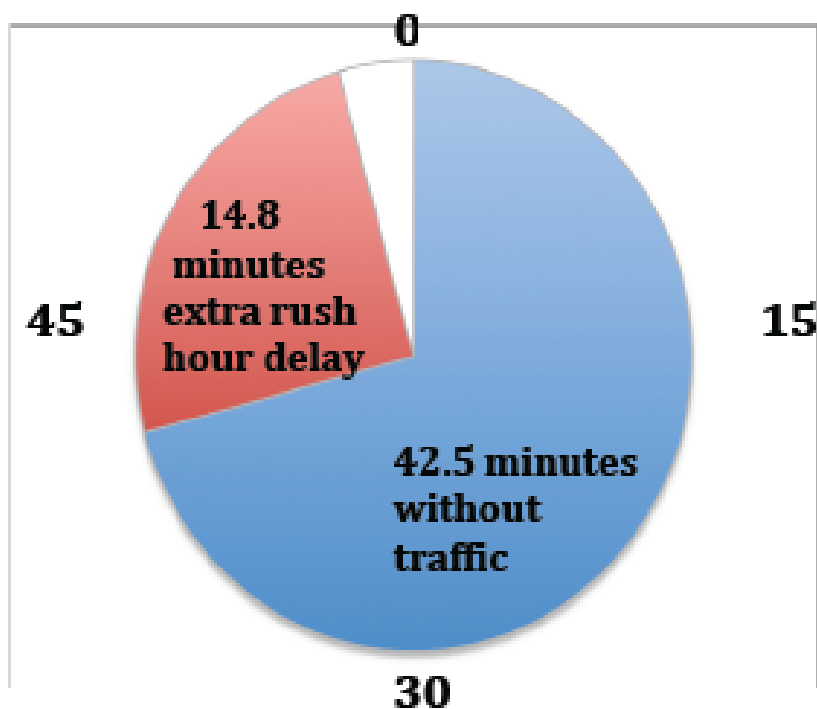
# Speed & Distance

# Travel Time Index

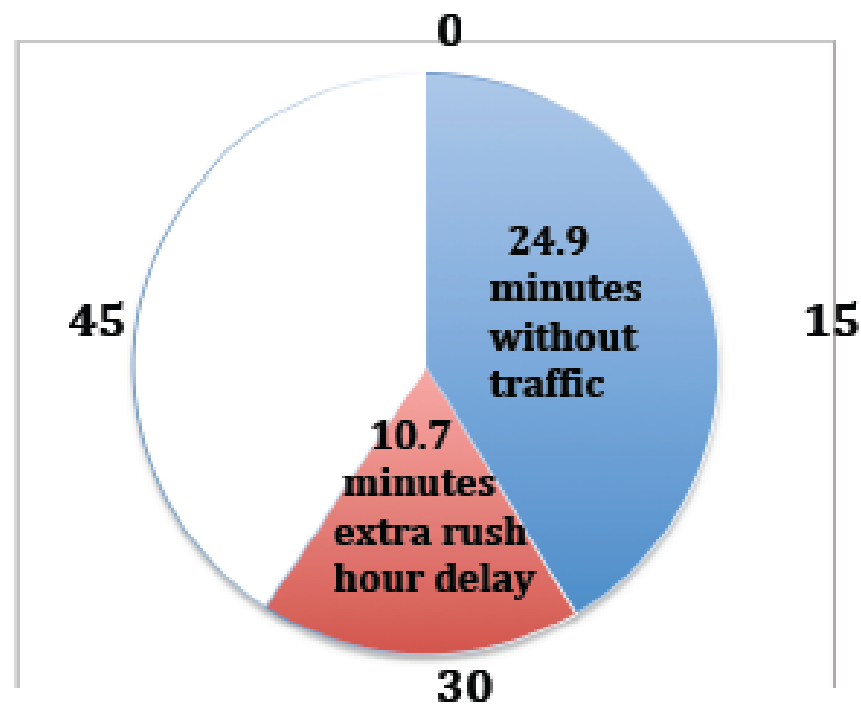
- Considers peak and off-peak speeds

## Rush Hour Travel Time

**Atlanta = 57.4 minutes**



**Chicago = 35.6 minutes**



# Should we measure these the same?

Interstate 40 Nashville TN



Broadway Nashville, TN



# Compare the throughput of this corridor

- Columbia Rd. Washington DC has 2 travel lanes



# With this corridor...

- Rolling Rd. has 4 travel lanes and moves the same number of people.



# With this corridor...

- Columbia Pike carries the same number of vehicles but moves 13,000 more people.





# MPO INVOLVEMENT

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# Staged Rulemaking

<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



# Rulemaking 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	Comments
	Q2	Final Rule		
	Q3		Final Rule	
	Q4			
FY15	Q1			Final Rule
	Q2			

Single Effective Date: **Spring 2015**





# Rulemaking NPRM Comments and Inquiries

- Email Address:

[PerformanceMeasuresRulemaking@dot.gov](mailto:PerformanceMeasuresRulemaking@dot.gov)