

MAP-21

Moving Ahead for Progress in the 21st Century

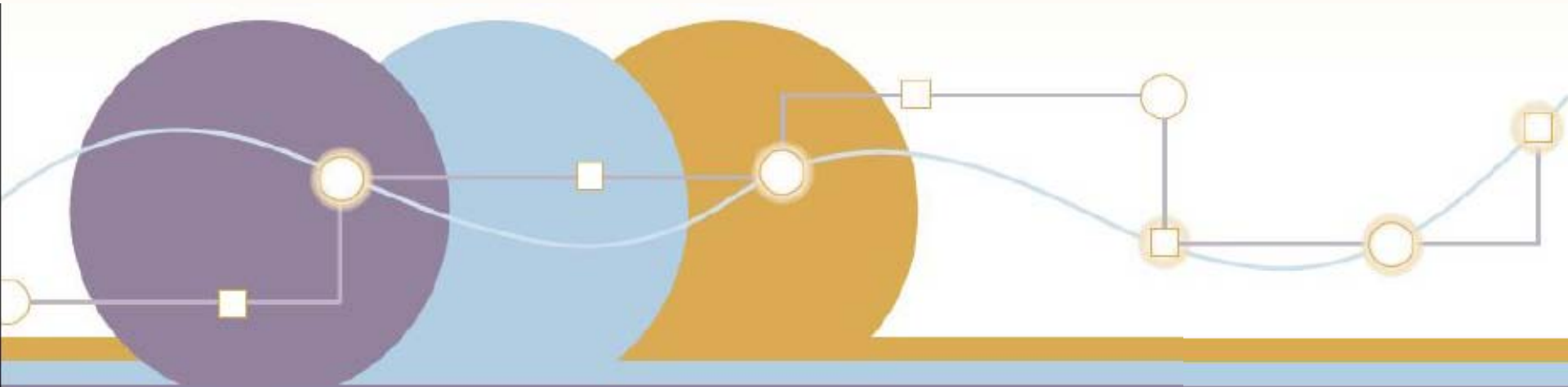
An Update of MAP-21 Performance Elements

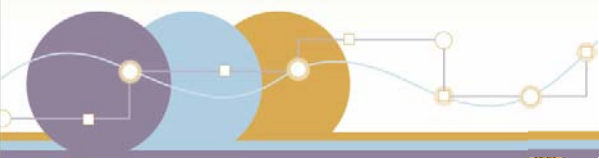
2013 Annual Virginia Concrete Conference

“Count on Concrete to Deliver Quality on Time and Under Budget”

Wayne Fedora, FHWA VA Division

March 7, 2013





Performance Management Process

- MAP-21: Identifies national goal areas
- USDOT: establish measures, with input, within 18 months
- MAP-21 thresholds
 - Pavement condition on Interstate
 - Bridge condition on NHS
- States and MPOs:
 - State targets within 12 months of USDOT establishment of measures
 - MPO targets within 6 months of State establishment of targets
 - Incorporate measures and targets into planning process
- States report on progress toward targets
 - Report within 4 years of enactment; biennially thereafter
 - Insufficient progress toward NHPP/HSIP targets
 - > triggers corrective actions (not sanctions)



Performance Measures

Highways

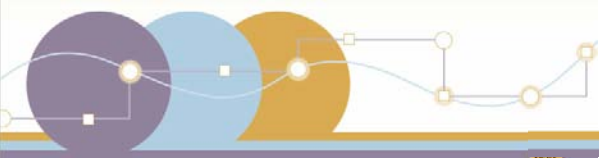
- Safety (4)
- Infrastructure Cond. (3)
- System Performance (2)
- Freight Movement (1)
- Traffic Congestion (1)
- On-Road Mobile Source Emissions (1)

Public Transportation

- “State of Good Repair”
- Condition of Assets
- Safety Performance Criteria

Highway Safety Programs

- 14 Measures
- “Traffic Safety Performance Measures for States and Federal Agencies” 2008



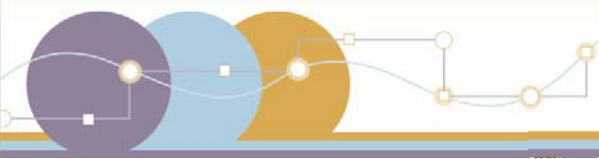
Performance Measure Rule

- 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



RELEASE OF PROPOSED MEASURES BASED ON READINESS

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

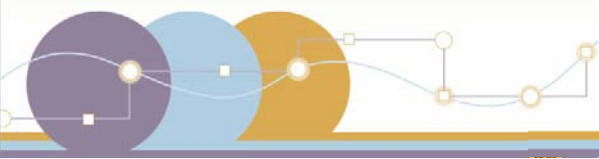


Performance Plans

- Safety
 - Asset Management
 - Metro System Performance
-
- Congestion & Air Quality
 - Freight
-
- Transportation Improvement Programs

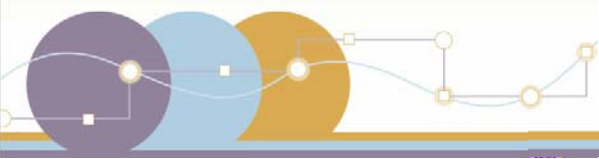
Performance Reports

- Transit Performance
 - Highway Performance
 - Safety Performance
 - Congestion & Air Quality
 - Metro System Performance
-
- 5 Yr Report to Congress
 - Conditions and Performance



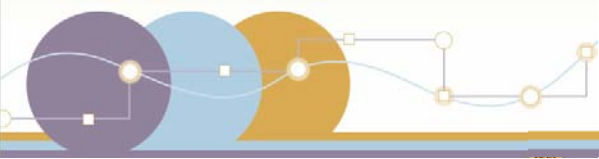
Performance Targets

- States, MPOs, and public transit providers set targets for each of the measures
- Coordination between States, MPOs and public transit providers to ensure for consistent targets
- Option to set different targets for urban and rural locations
- Identified through planning process with reference to individual performance plans



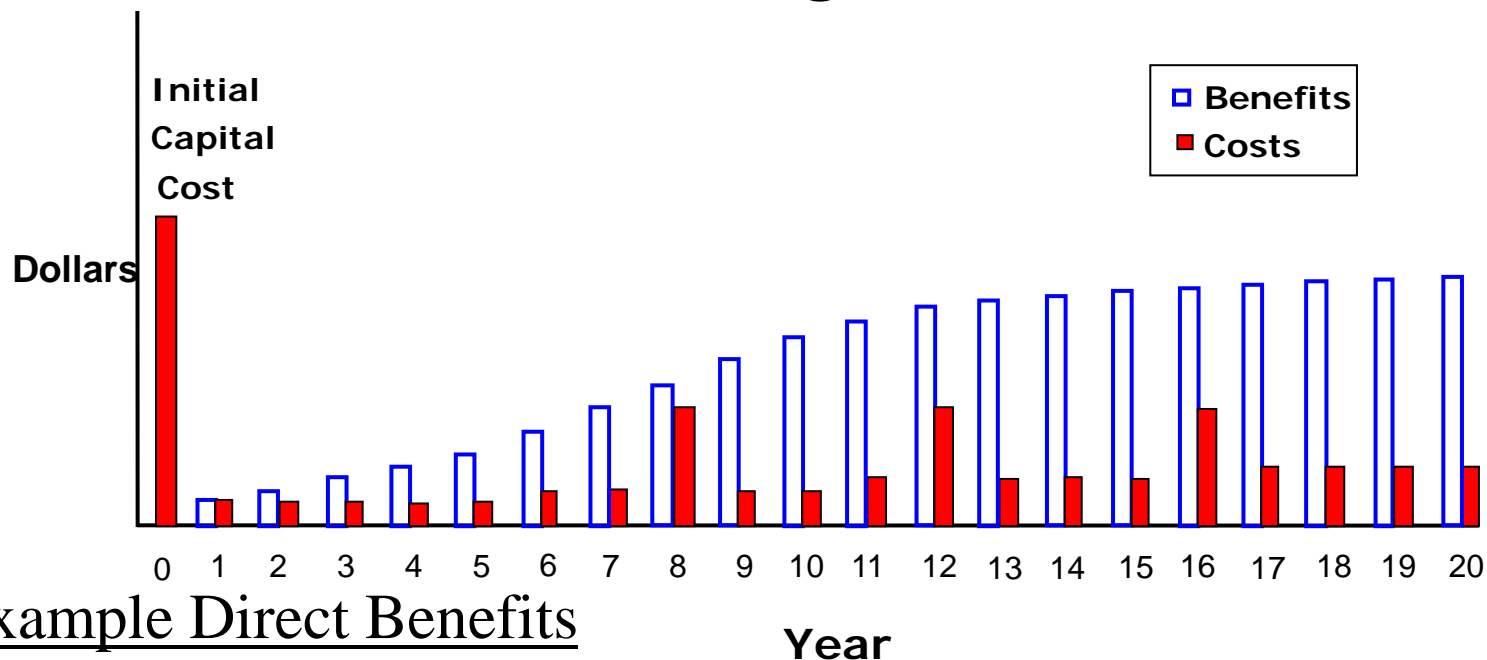
Performance Accountability

- Target Achievement Requirement
 - National Highway Performance Program
 - Highway Safety Improvement Program
- Metro Planning Certification Review
- Statewide Performance-Based Planning Process Evaluation
- 5 Year Progress Evaluation of each State and each MPO



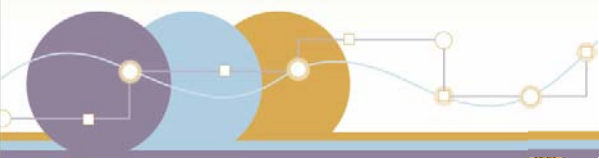
CONCRETE'S ROLE IN PERFORMANCE MANAGEMENT

- The achievement of long term performance with constrained budgets

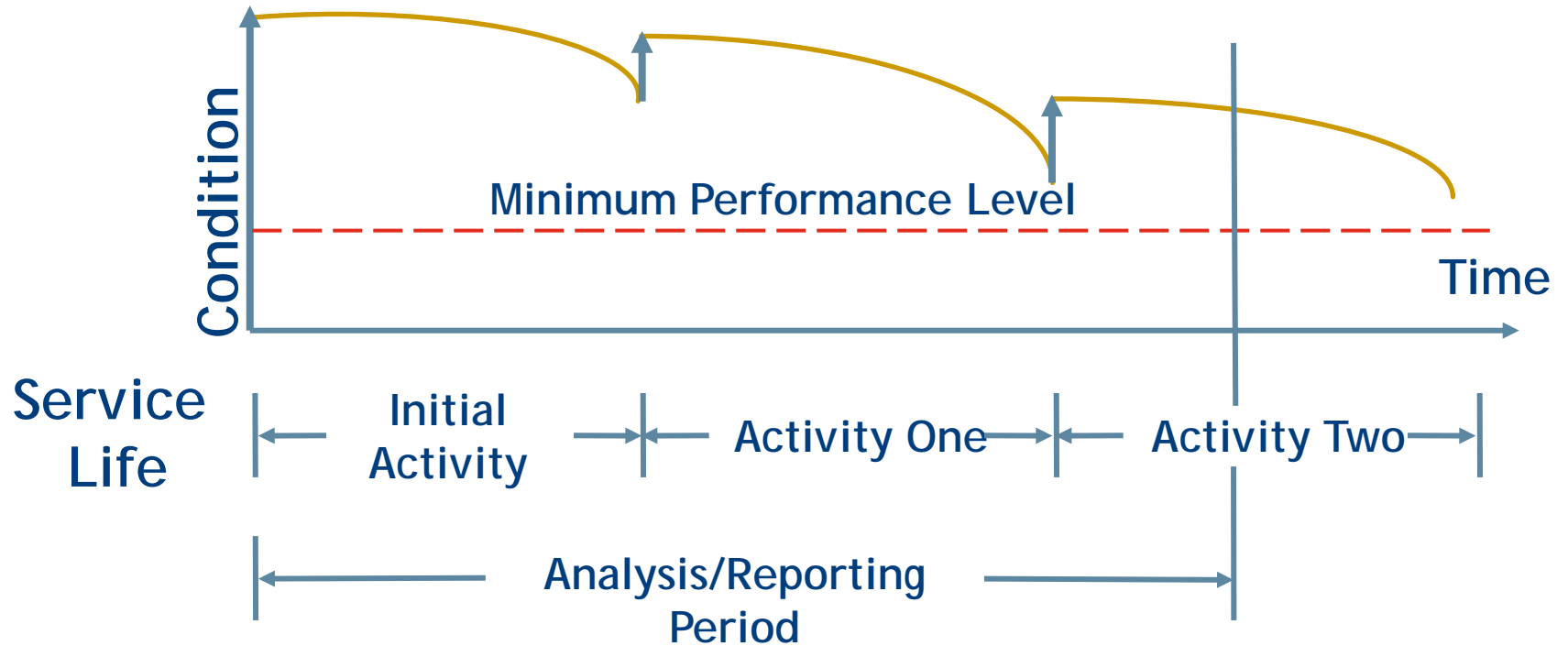


Example Direct Benefits

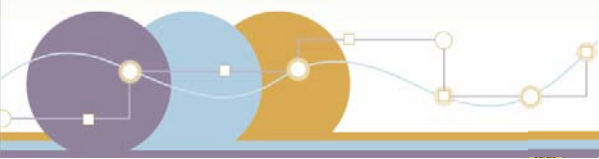
- Reduced Life-Cycle Costs
- Reductions in congestion from workzones
- Reduced congestion reduces emissions



CONCRETE'S ROLE IN PERFORMANCE MANAGEMENT

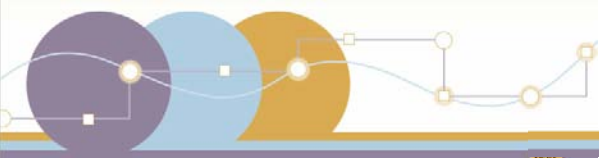


The goal of performance management is to achieve long term performance efficiently.



More Information

- MAP-21 website (www.fhwa.dot.gov/map21)
 - Bill summary and funding tables
 - Fact sheets and Q&As
 - Presentations
 - Points of contact
 - Recordings of webinars
(<http://www.fhwa.dot.gov/map21/webinars.cfm>)
- FHWA Transportation Performance Management Website www.fhwa.dot.gov/tpm/
- Training and Support (under development)



Every Day Counts

- EDC 2 Initiatives
 - Implementing quality environmental documents and Programmatic Agreements
 - Local Program Administration
 - 3D modeling for construction, intelligent compaction, accelerated bridge construction, and high-friction surfaces
 - Design-build, CMGC, and alternative technical concepts
 - Intersection and interchange geometrics
 - Geospatial data collaboration and SHRP2 national traffic incident management responder training
- Spring Summits (VA schedule): April 2, 3, and 4
- FHWA EDC Website www.fhwa.dot.gov/everydaycounts/



Transportation Performance Management

FOCUS

PLAN

PROGRAM

DELIVER

ASSESS

Thank You

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