Considerations for 2040 LRTP Update

Purpose of the Study

- What changed since 2009?
- What might change by 2013? 2040?
- What new emphasis areas should we address?
- How should they be measured?

Study Advisory Committee Meetings

<table>
<thead>
<tr>
<th>3/13/12</th>
<th>5/24/12</th>
<th>8/23/12</th>
<th>1/14/13</th>
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Reviewed Peer LRTPs

- Seattle, WA
- Portland, OR
- Denver, CO
- Salt Lake City, UT
- St Paul, MN
- Chicago, IL
- Boston, MA
- New York, NY
- Philadelphia, PA
- Atlanta, GA
- Orlando, FL
- Miami, FL
- San Diego, CA
- Phoenix, AZ
Planning Trends – Focus on Outcomes

- New Revenue Sources
- Transportation Systems Management & Operations
- Economic Development
- Mobility Hubs and Transit-Oriented Development
- Safety and Security
- More Complex Models
- Alternative Transportation Modes (Bicycle/Pedestrian)
- Private Sector Involvement (Project Delivery/Operations)
- Public Health
- Equitable Distribution of Benefits
What Has Changed Since the 2035 LRTP?

**MAP-21 effective 10/1/12 through 12/31/14**
- New Focus Areas and Funding Consolidation
- Introduces Performance-based Planning Requirements
- Major overhaul to Major Capital Investment Process

**State Legislation**
- Eliminates Growth Management laws
- Transportation Regional Incentive Program changes
- Expands managed lanes revenue use
- FY 2014 Budget surplus

**Local and Regional**
- Emphasis on managed lanes
- Transit expansion (public and private)
Federal, State, Regional, and Local Considerations for 2040
MAP-21 BRINGS BIG CHANGE

• Consolidated 87 programs to 30
• Expanded Loan Capacity Performance-based Planning
• New National Goals
• Streamlining Environmental Process and Project Delivery

MANY CHANGES REQUIRE RULEMAKING
Effect of MAP-21 Consolidation

National Highway Performance Program (NHPP)
- Interstates, Freeways, Major Highways
- Up to 50% can be transferred to STP
- Expanded from 160,000 to 220,000-mile network
- 58% of funds go to 5% of all roadways

Surface Transportation Program (STP)
- Added 460,000 non-NHPP bridges 76.5% of total

Transportation Alternatives
- Added Safe Routes to Schools and Recreational Trails

NO NEW FUNDS MEANS MORE PROJECTS COMPETE FOR SAME DOLLARS
Other Highlights

- New **safety** oversight role for FTA
- Requires public **transit** representative on MPO Board
- Increases **TIFIA** funds (loans)
- Requires **performance targets** for highway and bridge conditions, freight movement, and safety; and some regions for air quality and congestion.
- Expands allowable **toll lanes** on federal-aid highway capacity
- **Public-Private Partnership** procedures and approaches (rulemaking)
- **Environmental streamlining**
  - Integrates Planning/NEPA – no Alternatives Analysis Requirement
  - Adds Categorical Exclusions (in existing ROW, multi-modal projects, less rigorous review for projects under $10 million total)
## Performance Measures Tied to MAP-21 Goals

<table>
<thead>
<tr>
<th>MAP-21 Goals</th>
<th>Measure</th>
<th>MAP-21 Program</th>
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<tr>
<td>Safety</td>
<td>Serious Injuries per VMT, Fatalities per VMT, Number of Serious Injuries, Number of Fatalities</td>
<td>HSIP</td>
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<td>Infrastructure Condition</td>
<td>Bridge Condition on the NHS, Interstate Pavement Condition, NHS Pavement Condition</td>
<td>NHPP</td>
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<td>Congestion Reduction</td>
<td>Traffic Congestion</td>
<td>CMAQ</td>
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<td>System Reliability</td>
<td>Performance of Interstate System, Performance of NHS</td>
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<td>Freight Movement and Economic Vitality</td>
<td>Freight Movement on Interstate</td>
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<td>Environmental Sustainability</td>
<td>On-Road Mobile Source Emissions</td>
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<td>Reduced Project Delivery Delays</td>
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Source: AASHTO
## Performance Measure Schedule

### Schedule for MAP-21 Performance Measures Compared with South Florida Plan Schedules (Fiscal Year)

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<tr>
<th>ACTION</th>
<th>DATE</th>
<th>FY 2013</th>
<th>FY 2014</th>
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<td>Regional Freight Master Plan</td>
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<td>Regional Vision and Blueprint</td>
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Source: MAP-21 Subtitle B – Performance Management, Sec. 1201 Metropolitan Transportation Planning
Final Rule and Policy Guidance –
4/9/13 effective date

Broad Goals:
• Measure Wider Range of Benefits
• Support Streamlining in New Measures

Four key changes:
1. Cost-effectiveness Simplified
2. Environmental Benefits Expanded
3. New Economic Development Factors
4. Streamlines Project Evaluation Process

MORE TO COME
MAP-21 Rulemaking and Guidance

What’s Next?

• Congestion relief evaluation criterion
• Evaluation and rating process for Core Capacity and Program of Interrelated Projects
• Expedited technical capacity review
• Revised New Starts/Small Starts process
• Reduction in process “steps” requiring FTA evaluation/ratings
State Law Changes Since 2009

• Growth Management faced significant changes with the Community Planning Act of 2011
  – Eliminates Transportation Concurrency Requirement

• Transportation Regional Incentive Program: New Rules

• New planning requirements
  – Freight * Seaports * Intermodal

• New State Tolling Authority
  – HOT/Express lanes * Bonds * Privatization * Funding
Regionally Significant Approach

Express Lanes Grid

Florida East Coast Corridor
• All Aboard Florida
  Private Sector Intercity Rail
• Expansion of Commuter Passenger Rail

Miami Intermodal Center

Port of Miami Expansion

2040 Activity-Based Model
Local Initiatives

• Sustainable Transportation Strategies

• Transit Oriented Development
  – **Track Record:** Brownsville Transit Village, NW 7th Avenue Transit Village, Brickell Citicentre, etc.
  – **Future:** Douglas Road, Palmetto, Coconut Grove and South Miami MetroRail Stations

• Private Sector Involvement
  – All Aboard Florida, Miami Intermodal Center, Port of Miami Tunnel and future Retail/Office
Recommendations

Align with recent and emerging principles and priorities
• HUD DOT EPA Livability Principles
• Governor’s Transportation Vision and FDOT Implementation Priorities
• Florida Chamber of Commerce “Six Pillars”
• Seven50

Take a fresh look at transit corridors and technology

Explore opportunities to leverage local funds
• New Starts Project Candidate (BRT)
• Core Capacity
• TOD Pilot Project

Develop and implement new revenue sources
• Possible MBUF (VMT tax) Pilot Project
• 2-cent Local Option Gas Tax
Recommendations

Coordinate closely with State in developing Roadway Performance Measures to align with MAP-21:

- Reduce fatalities
- Improve road and bridge conditions
- Reduce congestion
- Increase system reliability
- Improve freight network, public transportation, and safety
- Meet “state-of-good-repair”

Analyze and streamline Performance Measures

Consider New Performance Measures in LRTP

- Multimodal
- Bicycle/pedestrian safety
- Impact of transportation investments to the economy and jobs
Big Changes in Miami-Dade

**Port of Miami**
* Post-Panamax * Tunnel * Deep Dredge
* Intermodal * Cruise

**Miami International Airport**
* Miami Intermodal Center * Terminal Expansion
* New Cargo Facility * Roadway Improvements

**Miami-Dade Transit**
* AirportLink * MIA Mover Open * Orange Line
* MIA Metrorail Station * New Metromover Cars
* EASY Card * Transit Tracker
* New Metrorail Vehicles Coming

**FDOT/Miami-Dade Expressway/Florida’s Turnpike Enterprise**
* TSM&O * Palmetto Expressway * I-75
* Homestead Extension * NW 57th Avenue