Commitment 2045 Metropolitan Transportation Plan (MTP)

Climate Change Task Force – February 27, 2020
Broward's Population in 2045:

2.3 Million People

How will we move people?

Visit commitment2045.org to join the conversation
Role of the MPO

• Assign federal and state transportation funding
• Regional coordinating entity for transportation
• Work with partners to set regional vision for transportation
• Work with partners to implement projects
MPO Foundational Resiliency Work

- South Florida Climate Change Vulnerability and Adaptation Pilot Project (2015)
- Extreme Weather and Climate Change Risk to the Transportation System in Broward County, Florida (2016)
- All Hazards Recovery Training
- Ongoing Coordination with Department of Homeland Security
Transportation Planning - Overview

The Broward MPO’s Metropolitan Transportation Plan is a federally required 25-year long-range planning document and is updated every 5 years to help guide federal/state transportation investments.
2045 MTP Goals and Objectives

**Move People & Goods**
- Maintain Infrastructure
- Provide Transportation Options
- Manage Roadway Congestion
- Improve Transit, Auto, and Truck Travel Time Reliability/Consistency
- Improve Transportation Accessibility for All Users
- Improve Safety and Security for All Users
- Increase Transit Ridership
- Shorten Project Delivery

**Create Jobs**
- Maintain or Reduce Average Travel Times to Major Economic Centers
- Support Smart Growth and Transit-Oriented Development
- Support Efficient Transportation Investments
- Maximize Private Investments in Transportation Service Provision
- Fund and Support the Implementation of Multimodal Transportation Projects

**Strengthen Communities**
- Improve Transportation Accessibility for All Users
- Strive for the Equitable Distribution of Transportation Benefits and Costs
- Reduce Pollutant Emissions Generated by Mobile Transportation Sources
- Promote Resiliency in Response to Climate Change and Weather-Related Events
- Distinguish Quality of Life Considerations by Community
- Consider Financial Burden on Communities that May Result from Transportation Investments
Transportation Needs Assessment

Transportation needs are identified using **partner input and latest available data**

**Partners**
- Florida Department of Transportation (FDOT)
- Broward County
- Municipalities
- SFRTA (Tri-Rail)
- Port/Airport
- Public

**Data**
- Demographics
- Future Transportation Demand
- Land Use
- Resiliency
- Future Technology
Broward MPO MTP New Funding Availability (2045)

Total Revenues = $8.3 billion

$564 million

$6.5 billion

$1.3 billion

State/Federal Roadway Funding (78%)

Transit Operating/Capital (15%)

MPO Attributable Funds (7%)
Cost Feasible Plan Overview

- 44 Roadway Projects
- 5 Transit Projects
- Establishes TSM&O Safety Program ($400M)
- Continues Bicycle/Pedestrian Investment ($500M)
Resiliency in the MTP

• Goals and Objectives
• Project Prioritization
• Cost Feasible Plan
• Resiliency Technical Report

Environment

Sea Level Rise Mitigation | GHG and Precursor Emissions | Wetland/Natural Habitats
Identified Resiliency Corridors

- Identified eight (8) resiliency studies on highly vulnerable corridors from the South Florida South Florida Climate Change and Vulnerability Adaptation Project
- Programmed in the 2026-2030 funding timeframe

Table 5-4: 2045 Roadway Plan (2025–2045)
(Funded and Unfunded Projects) (cont’d)

<table>
<thead>
<tr>
<th>Ref. ID</th>
<th>Project Sponsor</th>
<th>Jurisdiction</th>
<th>Project Name</th>
<th>Project Limits</th>
<th>Project Description</th>
<th>Total Cost (2015$)</th>
<th>Timeframe for Implementation</th>
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<tbody>
<tr>
<td>17</td>
<td>Broward MPO</td>
<td>State</td>
<td>Hollywood Blvd</td>
<td>US-1 to SR-A1A</td>
<td>Conduct study to determine resiliency improvements.</td>
<td>$1,500,000</td>
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<td>State</td>
<td>SR-A1A</td>
<td>South of Arizona St to Hallandale Beach Blvd</td>
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<td>US-1/SR-5</td>
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<td>Johnson St</td>
<td>US-1 to N 14th Ave</td>
<td>Conduct study to determine resiliency improvements.</td>
<td>$750,000</td>
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</tr>
</tbody>
</table>
Next Steps

• Work with FDOT to program identified resiliency studies
• Involve stakeholders in the assessment and development of alternatives
• Continue evaluating resiliency considerations as part of all MTP projects
• Resiliency in Vision 2100
Questions?

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