

Opening Ceremony



PRESENTATION OF COLORS
Miami-Dade County
Color Guard



HONORABLE DANIELLA LEVINE CAVA
Miami-Dade County Mayor



HONORABLE JOSE "PEPE" DIAZ
Miami-Dade County BCC Chair/
Miami-Dade TPO Board Member



FEATURED SPEAKER

CATHY KENDALL, AICP
Federal Highway Administration (FHWA)
Florida Division, Planning Team Leader

Presentation: New Federal Bipartisan Infrastructure Law (BIL)/ Safe and Equitable Transportation

FHWA provided a detailed presentation regarding the new Federal Bipartisan Infrastructure Law (BIL) Infrastructure Investments and Jobs Act (IIJA), as well as discussed safe and equitable transportation. Key points included funding and local opportunities for a "once in a generation" investment in infrastructure through federal grants and funding opportunities with local fund matching requirements.



| | | | |
|---------------------------------------|--------|---------------------------|-------|
| Roads, bridges, & multimodal projects | \$110B | Clean Water | \$55B |
| Rail | \$66B | Resilience | \$50B |
| Public Transit | \$39B | Clean Energy & Power | \$65B |
| Airports & Ports | \$42B | Environmental Remediation | \$21B |
| Safety | \$11B | | |
| EV Charging | \$7.5B | | |

Funding Available to a Range of Recipients

| Program Examples | State | MPO | Local | Tribe | PA* | Territory | FLMA* |
|---|-------|-----|-------|-------|-----|-----------|-------|
| Apportioned programs (formula) | ✓ | | | | | | |
| Bridge Program (formula) | ✓ | | | | | | |
| National Electric Vehicle Formula Program | ✓ | | ✓ | | | | |
| Safe Streets and Roads for All program | ✓ | | ✓ | | | | |
| PROTECT Grants (discretionary) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Charging and Fueling Infrastructure Program | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Congestion Relief Program | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Bridge Investment Program (discretionary) | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Reconnecting Communities Pilot Program | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Rural Surface Transportation Grants | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| INFRA | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Natl Infra Project Assistance | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Local and Regional Project Assistance | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

*PA: means a transportation-related public authority with a transportation public FLMA means Federal Land Management Agency

Discussion with Elected Officials



HONORABLE OLIVER G. GILBERT III
Miami-Dade TPO Chairman &
Miami-Dade County BCC Vice Chairman



HONORABLE EILEEN HIGGINS
Miami-Dade TPO Urban Mobility
Task Force Chair



HONORABLE RAQUEL REGALADO
Miami-Dade TPO
Board Member



MODERATOR JAWAN STRADER
NBC 6 News Anchor

Policymakers considered a broad range of transportation needs that facilitate the movement of people and goods. As population growth continues to increase in Southeast Florida, innovative solutions are required to increase the safety and efficiency of the transportation network, while also promoting the expansion of multimodal options. This discussion with elected officials focused on the current and future vision of transportation.

- ✓ **Transition of the SMART Plan to the SMART Program**
- ✓ **Funding Opportunities**
- ✓ **Project Acceleration**

- ✓ **Affordable Housing**
- ✓ **Technology Integration**
- ✓ **Expand Mobility Options/Reduce Congestion**



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#MiamiSMARTProgram



SMART TRENDS TRANSPORTATION SUMMIT

FINAL REPORT



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Panel: Infrastructure Investment and the Economy



MODERATOR YOLANDA CASH JACKSON, ESQ.
Board Member Miami-Dade Beacon
Council/Becker Shareholder



PANELIST HONORABLE ALEX LASTRA
Commission Member
Florida Transportation Commission



PANELIST JIMMY MORALES
Chief Operations Officer
Miami-Dade County



PANELIST ANANTH PRASAD, P.E.
President, Florida Transportation
Builders' Association

It has been well documented that infrastructure investment and the economy are directly linked. This expert panel outlined key linkages of the transportation system including the highways, seaports, airports, transit, and intermodal connections that drive and support the economy of Miami-Dade County, which in turn helps drive the State of Florida's economy. The session moderator, Ms. Yolanda Cash Jackson, Esq., led the panel discussion around infrastructure trends, programing and funding tools, new emerging technologies, and current challenges due to inflation and construction costs. The panel provided insight on how to overcome current infrastructure challenges, maintain sustainability, and accelerate projects geared toward supporting economic growth and increasing populations.



FDOT District 6 Infrastructure Investments – *Five year tentative work program

DISTRICT 6 Five Year Work Program - \$3.3B
Percent of Statewide Program - 6.6%

| | |
|---|------------------------------|
| Safety Enhancement Initiatives | \$41.1M |
| Resurfacing | \$256.0M |
| Bridge Repair & Replacement | \$222.5M |
| State Highway System & Other Roads Construction | \$897.2M |
| Right of Way Land | \$176.8M |
| Product Support Consultants | \$571.4M |
| Operations & Maintenance Consultants/Contracts | \$636.9M |
| Freight, Logistics & Passenger Operations | \$393.5M |
| Lane Miles Added - 5 | Bridges Replaced - 17 |
| Lane Miles Improved - 494 | Bridges Replaced - 6 |

*tentative work program, as presented to the FIC on January 10, 2022

The Honorable Alex Lastra provided a detailed presentation regarding the Florida Transportation Commission's role and current FDOT District Six infrastructure investments for the next five years, totaling approximately \$3.3 billion.



Infrastructure Investment and the Economy

Public Infrastructure Has Been Neglected
Infrastructure needs, funded and unfunded, 2016-2025

Investments in mass transit, roads, highways, bridges, and ports move the people and goods that drive Miami-Dade's economy

The state of our environment and the condition of our water, wastewater, and solid waste management systems impact our ability to grow

Infrastructure projects stimulate the economy, create good paying jobs for locals, both in the long and short term

Jimmy Morales, Miami-Dade County Chief Operations Officer, discussed investments in all forms of infrastructure that not only drives Miami-Dade County's economy, but also promotes a resilient transportation system.



Infrastructure Challenges

- Sustainable Funding
 - Federal Program's reliance on General Revenue
 - Gas Tax and Electric Vehicles
 - Resistance to Taxes, Tolls and Fees
 - Use of Gas Tax Dollars
- Workforce Development
 - Industry attractiveness
- Short Term Issues
 - Unprecedented Price Increases
 - Unprecedented Delays in Material Acquisition

Ananth Prasad, FTBA President, spoke about ongoing infrastructure challenges throughout the State of Florida. He also provided details on sustainable funding, workforce development, and short-term issues.

Summit Outcomes

| Topics | Action Steps |
|---|---|
| Public infrastructure has been neglected. | More investment is needed for continued growth in transportation infrastructure. |
| Address the current labor shortage. | Provide workforce training and investments. |
| Miami-Dade County has diverse transportation funding needs. | Seek increased flexibility of FDOT's funding programs. |
| Address the funding challenges for transportation infrastructure. | Identify long-term sustainable funding sources. |
| Construction and material costs are increasing. | Monitor the construction industry index and be prepared to respond in a quick manner. |

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Policy, Programs & Funding – Part 1: State & Federal Discussion



SPECIAL PRESENTER
AILEEN BOUCLÉ, AICP
Executive Director
Miami-Dade TPO



PANELIST
STACY L. MILLER, P.E.
District Six Secretary
FDOT



PANELIST
SASHA N. PAGE
Principal
RebelGroup



PANELIST
LOWELL R. CLARY, CPA
Company President
Clary Consulting

Miami-Dade County faces challenges to meet continued population growth, traffic congestion, and funding for the SMART Program of major rapid transit projects, while maintaining a vibrant quality of life. How does current transportation policy, programs, and funding match up to these and other key challenges? Experts were on hand to discuss how State and Federal programs can best be utilized to address the transportation needs of Miami-Dade County.



Summit Outcomes

| Topics | Action Steps |
|---|---|
| New Infrastructure Bill: How does our community optimize this opportunity? | Early coordination is needed between the municipalities, County, State, and the TPO. |
| State Funding: How to overcome decrease in gas tax revenue and still improve the transportation network? | Explore flexibility of formula programs, SIS eligibility, and toll revenue. |
| Address Long Range Transportation Plan fiscal constraints and incorporate large mass transit projects from the SMART Program. | <ul style="list-style-type: none"> The TPO is developing the 2050 L RTP and will have early coordination with all agencies to review forecasts. The SMART Program is priority for the L RTP Cost Feasible Plan. |
| How to obtain support from the business community to assist in the transportation planning process. | <ul style="list-style-type: none"> Ensure the business community are stakeholders in transportation improvements. Support and advocate for projects that make sense for the community. |

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Keynote Speaker Presentation



SPECIAL INTRODUCTION BY
HONORABLE EILEEN HIGGINS
Miami-Dade TPO
Urban Mobility Task Force Chair



KEYNOTE SPEAKER
JARED W. PERDUE, P.E.
State Secretary
Florida Department of Transportation



QUESTION/ANSWER MODERATOR
HONORABLE DANIELLE COHEN HIGGINS
Miami-Dade TPO
Fiscal Priorities Committee Chair

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Transportation Trends



SPECIAL PRESENTER
JAVIER A. BETANCOURT, AICP
Executive Director
Citizens' Independent Transportation Trust



PANELIST
CARLOS CRUZ-CASAS, P.E.
Chief of Innovation
Miami-Dade DTPW



PANELIST
VICTOR DOVER
FAICP, LEED-AP, CNU-A
Dover Kohl & Partners

The Transportation Trends session explored hot topics in the mobility space, with a particular focus on interconnected issue areas of increasing importance and priority for Miami-Dade County. These include first/last mile connections through bike/ped/micromobility networks, addressing Level of Service (LOS) standards, incorporating telecommuting into the workplace, and supporting transportation funding opportunities.



Summit Outcomes

| Topics | Action Steps |
|--|--|
| Encourage and support first/last mile connectivity. | Fund and construct a comprehensive, interconnected network of protected bike/ped/micromobility lanes and trails. |
| Address antiquated Level of Service (LOS) standards and policies that are counterproductive. | Transition LOS policies in favor of people-based measures guided by safety and connectivity. |
| Incorporate "New Normal" remote working realities, challenges, and opportunities. | Develop incentives to support and encourage remote working/telecommuting post-pandemic. |
| Support transportation funding priorities. | Restructure transportation funding to prioritize alternative modes such as transit, bicycle, and pedestrian. |

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Policy, Programs & Funding – Part 2: Local Discussion



SPECIAL PRESENTER
AILEEN BOUCLÉ, AICP
Executive Director
Miami-Dade TPO



PANELIST
MITCHELL BIERMAN, ESQ.
Weiss Serota Partner
Past Chair GMCC
Transportation Committee



PANELIST
BRAD THOBURN
Assistant Secretary for
Strategic Development
FDOT



PANELIST
PATRICK GODDARD
President
Brightline

Following the first portion of this session series regarding Policy, Programs & Funding, in this second part, panelists discussed the local challenges Miami-Dade County faces to meet continued population growth, traffic congestion, and funding for the SMART Program.



Summit Outcomes

| Topics | Action Steps |
|---|---|
| Municipal Representation: How to be part of the process. | <ul style="list-style-type: none"> Municipalities understand the issues closest to the community. Need to take part in the process and advocate best projects. |
| Service Reliability and Interconnectivity: Encouraging mode shift to reduce congestion. | <ul style="list-style-type: none"> Encouraging mode shift is difficult however expansion of mobility options is key. Provide a reliable, safe, and comfortable transit system. Provide critical first/last mile connections. |
| Success of the SMART Demonstration Program: How do we expand it? | <ul style="list-style-type: none"> The TPO and local municipalities have implemented projects with constrained resources. FDOT will revisit the formula distribution to reconsider needs per area. |

Transit Oriented Development (TOD)



SPECIAL PRESENTER
EULOIS CLECKLEY
Director & CEO
Miami-Dade DTPW



PANELIST
DAVID MARTIN
CEO
Terra



PANELIST
AARON STOLEAR
Associate Vice President
13th Floor Investments



PANELIST
JOSE M. GONZALEZ
Executive Vice President
Business Development, FECI

Miami-Dade County Department and Transportation and Public Works (DTPW) was joined by TOD leaders in Southeast Florida that are developing Transit Oriented Communities (TOC) along rapid transit corridors in partnership with Miami-Dade County. The session highlighted how these communities are shaping mobility, meeting the needs of residents, businesses, and visitors, and advancing the Miami-Dade County Mayor's four pillars: Economy, Environment, Equity, and Engagement.



Summit Outcomes

| Topics | Action Steps |
|--|---|
| Economy: Build TODs that promote economic development. | Locate new sites along transit corridors to promote economic development with increased density, sustainable mix use, and promoting temporary and permanent jobs. |
| Environment: Continue to promote projects that are LEED certified and that promote resilient programs and infrastructure. | Work with developers on TODs incorporating strategies to implement renewable energy, sustainable infrastructure including LEED certification, solar energy, water reuse, and other resilient practices. |
| Equity: Build inclusionary neighborhoods by considering diverse communities with mixed incomes, and include social programs for the underserved such as the elderly, veterans, disabled, and others. | Work with developers on TODs incorporating strategies to promote incentives to develop attractive and affordable inclusionary developments. |
| Engagement: Build TODs that consider the needs of the community and that are compatible with the surrounding neighborhoods. | Continue engaging municipal, local, and state partners to implement community needs and mitigate development impacts. |

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Miami-Dade Ports & Economic Forum



SPECIAL PRESENTER
HYDI WEBB
Director & CEO
Seaport Department/PortMiami



SPECIAL PRESENTER
RALPH CUTIÉ
Director & CEO
MDAD/MIA



PANELIST
KEN PYATT
Deputy Director
MDAD/MIA



MODERATOR
ANDRIA MUÑOZ-AMADOR
Director, Communications
Seaport Department/PortMiami

Miami International Airport (MIA) and PortMiami are Miami-Dade County's two largest economic engines, generating a combined economic impact of \$75 billion annually. Attendees learned about the latest growth trends and expansion plans at America's busiest airport for international passengers and freight, the Cruise Capital of the World, and Cargo Gateway of the Americas.



Summit Outcomes

| Topics | Action Steps |
|---|---|
| Implement capital improvements to accommodate 77+ million travelers and four million tons of freight projected at MIA by the year 2040. | Prioritize needed capital projects. |
| Improve the customer experience at MIA through near term enhancement projects from the cabin to the curb. | Renovations to MIA passenger loading bridges, bathrooms, conveyance units, and parking garages are scheduled for completion in phases by 2030. |
| Continue to grow PortMiami cruise and cargo business in a smart, safe, and sustainable manner. | <ul style="list-style-type: none"> Promote the NetZero program and build infrastructure on and off the port to generate more jobs and growth opportunities for the economy. Garner support from local, state, and federal government. |
| Work in collaboration with Miami-Dade County's local economic agencies and stakeholders to promote maritime business and the travel and tourism industries. | <ul style="list-style-type: none"> Continue connecting with local, state, and federal agencies. Increase workforce development. |

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