



5th Infraday Florida

January 14

*Connecting Vision,
Capital, and Technology
to Shape Florida's Next
Era of Infrastructure*

**Miami Ironside
7580 NE 4th Ct**

Miami, FL 33138

7:00 AM – 8:10 AM | Registration & Networking Breakfast

8:10 AM – 8:40 AM

Florida's Infrastructure Boom: Delivering the Next Decade of Growth

- Florida's record infrastructure investment pipeline — what's coming next
- Mobilizing public and private capital for faster delivery
- How owners, builders, and innovators are executing under pressure

Moderator:

Joe Cartin, Partner Advisor, Owner and Public Sector, **Trimble**

Panelists:

Asael Marrero, Assistant City Manager, **City of Miami**

Dan Zhu, Chief Resilience Officer, Office of the City Manager, **City of Gainesville**

Todd Romberger, Senior Vice President Spaceports Business Unit, **Space Florida**

William Frazer, Vice President - Chief Innovation Officer, **Jacksonville Transportation Authority**

8:40 AM – 9:10 AM

Digital Delivery & Construction Innovation

- Modern PMIS and connected field platforms driving efficiency
- BIM-to-field integration and data federation across project teams
- Real-time collaboration from design through commissioning

Moderator:

Mike McInnis, Strategic Account Executive, **Procore Technologies**

Panelists:

Djemcy Limage, Project Engineer (Traffic), **City of Boca Raton**

Lenny Barden, Transportation Engineer/City Engineer, **City of Altamonte Springs**

Slobodan Zivkovic, Senior GIS Analyst, **Broward County Highway and Bridge Maintenance**

9:10 AM – 9:40 AM

Ports & Aviation: Rebuilding Florida's Global Gateways

- Port and airport expansion programs shaping the state's trade economy
- Digitalizing logistics, cargo, and passenger operations
- How private finance and EPC partnerships are accelerating delivery

Moderator:

Duncan Kopp, Ports & Maritime Vice President and Market Director for the Americas, **Jacobs**

Panelists:

Becky Hope, Assistant Director, Planning, Environment & Resiliency, **PortMiami**

Patricia Gómez, Special Advisor for Energy and Resilience, **Miami-Dade Aviation Department**

Robert Barcelo, Senior Manager, Business Development, **Port Everglades**

9:40 AM – 10:00 AM

Inside the Golden Glades Interchange: Florida's Net-Gen Mobility Hub

The Golden Glades Interchange is one of Florida's most critical and complex transportation hubs, serving as a key gateway for regional mobility, freight movement, and transit connectivity. This presentation provides an inside look at how FDOT is modernizing the interchange through innovative design, phased construction, and community-centered delivery while maintaining traffic operations in one of the state's busiest corridors. The session will highlight how engineering, stakeholder engagement, and long-term planning are coming together to create a next-generation mobility hub built for growth, safety, and resilience.

Presenters:

Emmanuel Espinal, Resident Engineer - Special Projects, **Florida Department of Transportation**

Sergies Duarte, Senior Community Outreach Specialist, **Florida Department of Transportation**

10:00 AM – 10:30 AM | Morning Break + Networking

10:30 AM – 11:10 AM

Smart Infrastructure & Data-Driven Delivery

- Embedding digital twins and real-time data into every project phase
- Using AI for predictive scheduling, risk assurance, and cost control
- Building cyber-resilient, integrated infrastructure ecosystems

Moderator:

Brad Kramer, Senior Sales Executive, **Aurigo Software Technologies**

Panelists:

Billie Jo McCarley, Deputy Director, **Miami-Dade Water & Sewer Department**

Gabrielle Drice, Geographic Information Systems (GIS) Administrator, Public Works and Environmental Services Department, **Broward County**

Jason Montgomery, VP Data Science, **Jacksonville Transportation Authority**

Megan Grove, Data Analysis & Integration Supervisor, Utilities Department, **Pinellas County Government**

Raimundo Rodulfo, Director of Innovation and Technology / Chief Innovation Officer, **City of Coral Gables**

Whitney Padote, Capital Project Manager, **City of North Miami**

11:10 AM – 11:30 AM

Building the Digital Backbone of a Utility: Miami-Dade WASD's Capital Program Transformation

Miami-Dade Water and Sewer Department is managing one of the nation's largest and most complex utility capital programs, requiring new approaches to governance, delivery, and data management. In this session, Sid Shah, President of OnIndus, and Harold Concepcion, PMO Director at Miami-Dade County Water & Sewer Department, discuss WASD's long-term capital vision and the evolution of its digital strategy. The conversation explores how the department has progressively adopted owner-controlled digital platforms, what has delivered real value, and the lessons learned along the way. The session closes with a forward-looking perspective on continuous improvement—reinforcing that digital transformation is not a one-time initiative, but an ongoing journey tied directly to execution, resilience, and accountability.

Presenters:

Harold Conceptio, PMO Director, **Miami-Dade County Water & Sewer**
Sid Shah, President, **OnIndus**

11:30 AM – 12:00 PM

Funding, Delivery & Partnership Models That Scale

- Leveraging design-build, CM/GC, and progressive P3s for complex programs
- Combining federal, state, and private funding to de-risk delivery
- Embedding climate resilience and innovation in capital strategy

Moderator:

Estefania San Juan, Partner, **White & Case LLP**

Panelists:

Brent Tasugi, Managing Director, **I Squared Capital**
David Bridle, Strategic Initiatives Project Manager, **St. Cloud, Florida**
Delores Holley, Director, Office of Housing Advocacy (OHA), Housing and Community Development, **Miami-Dade County**

12:00 PM – 12:15 PM

Inside Fort Lauderdale's AMI Deployment: Modernizing Water Management

Advanced Metering Infrastructure (AMI) represents a major leap forward for water utilities, enabling real-time data, remote operations, and improved customer engagement. This session explores what AMI is, how a deployment project unfolds, and provides an inside look at Fort Lauderdale's ambitious initiative to replace 65,000 meters with smart technology. Learn about the complexities encountered—from physical installation challenges and system integration hurdles to customer outreach—and how strong partnerships and teamwork are driving success. The discussion will

highlight lessons learned and what's next as the city moves toward analytics-driven water management.

Presenters:

Ingrid Kindborn, Program Manager, Public Works, **City of Fort Lauderdale**

Jeff Wetzel, Manager, Consulting, Advanced Metering Infrastructure, **Black & Veatch**

12:15 PM – 12:45 PM

Cleared for Takeoff: Owner-Controlled Platforms, AI and the Future of Airport Infrastructure

Airports are among the most economically critical assets in the United States. They are engines of regional growth, national connectivity, global trade and public safety. At the same time, much of America's airport infrastructure is aging, operating beyond its original design life and under constant pressure to expand, modernize and remain operational.

This panel examines how aviation owners can meet these challenges by treating digital infrastructure with the same rigor as physical infrastructure. Specifically, it explores why owner-owned, owner-configured platforms are becoming essential to managing long-term capital programs, preserving institutional knowledge and enabling AI-driven insights that support resilient, future-ready airport assets.

Moderator:

AJ Waters, Chief Evangelist, **Kahua**

Panelists:

Arthur Terechtchouk, Partner, Capital Advisory & Transformation, **Superset Infrastructure**

Rich Miesemer, IT Program Manager, Engineering and Construction, **Parsons Corporation**

Todd Procaccini, Senior Client Executive, **Kahua**

12:45 PM – 1:40 PM | Lunch

1:40 PM – 2:10 PM

Coastal Resilience & Climate Adaptation: Engineering Florida's Future Shoreline

- Delivering climate-adaptive coastal systems that protect growth regions
- Integrating green and gray infrastructure for measurable resilience
- Managing regional design and delivery coordination across jurisdictions

Moderator:

Haleh Moghaddasi, Director, Living and Learning Division, **EXP**

Panelists:

Bach McClure, Stormwater Program Administrator, **Brevard County Natural Resources - Stormwater Program**

James Kohnstamm, Director of Economic Development, **Miami-Dade County**

Sam Zamacona, Capital Improvement Program Director, **Town of Bay Harbor Islands**
Sonia Brubaker, Chief Resilience Officer & Director, Office of Resilience and Sustainability, **City of Miami**
Vijay Mishra, Principal Project Manager, **South Florida Water Management District**

2:10 PM – 2:40 PM

Energy & Utilities: Powering Florida's Smart, Electrified Future

- Grid modernization, microgrids, and EV corridor development
- Water, wastewater, and storm infrastructure built for extreme conditions
- Utility-owner partnerships enabling faster capital execution

Modertor:

Joe Cartin, Partner Advisor, Owner and Public Sector, **Trimble**

Panelists:

David Cranston, Florida Energy Policy Manager, **Environmental Defense Fund**

Gary Hubbard, Water Department Director, **City of Winter Haven, Florida**

Karly Pulido, Resource Efficiency Officer (Head of Energy and Efficiency), **Miami-Dade County Public Schools**

Lucas Botero, Principal Process Engineer / Manager, **Black & Veatch**

Michael Laas, Resilience Program Coordinator, **Miami-Dade County Water and Sewer Department**

2:40 PM – 3:00 PM

Strong Opinions, Loosely Held: A Mindset for the Future of Construction

In a fast-changing construction industry, holding tightly to outdated beliefs can be a silent killer of innovation. This session challenges attendees to reexamine what they “know” to be true and introduces the transformative mindset of “Strong Opinions, Loosely Held.” Through thought-provoking examples and real-world tech insights, Kahua’s AJ Waters dismantles common industry myths, advocates for humility over hubris and proposes actionable strategies for navigating paradigm shifts.

Walk away with a fresh perspective and an actionable plan to foster adaptive leadership, question assumptions and model the mindset needed for tomorrow’s challenges.

Presenter:

AJ Waters, Chief Evangelist, **Kahua**

3:00 PM – 3:30 PM | Afternoon Break + Networking

3:30 PM – 3:50 PM

Building Resilient Communities: Modern Strategies for Flood-Resilient Planning

Flood resilient planning is a crucial strategy for mitigating the risks associated with flooding, particularly in areas vulnerable to extreme weather events and climate change. By utilizing base flood elevations from flood insurance rate maps and adhering to freeboard requirements these are just a few things that can help in reducing flood risks. The additional freeboard requirements of (Base Flood Elevation) BFE + Freeboard (example (BFE 5' NAVD 88 + freeboard = finish floor elevation can help protect the infrastructure when using (LID) low impact development techniques in addition to BFE + Freeboard. Communities can effectively protect homes and businesses from flood damage when incorporating some of these techniques. This proactive approach of resilient planning not only safeguards infrastructure but also fosters economic stability by minimizing disruptions to businesses and ensuring that communities remain operational during adverse conditions. Incorporating resilient planning has been shown to enhance public health and mitigate urban heat effects and by expanding green spaces and open space that creates cooler environments, thereby improving the quality of life for residents.

Prioritizing environmental preservation and biodiversity contributes to a balanced ecosystem and sustainable land use, reinforcing the community's resilience against flooding. Ultimately, flood resilient planning empowers communities to develop comprehensive preparedness and recovery strategies in response to the increasing threats posed by climate change and rising sea levels. By integrating these practices, communities can build resilience, protect valuable resources, and ensure a sustainable future. Patricia Roberts (CFM) Certified Floodplain Manager will discuss flood resilient planning to make communities resilient.

Presenter:

Patricia Roberts, (CFM) Certified Floodplain Manager, **City of Fort Lauderdale**

3:50 PM – 4:20 PM

Data Centers & AI Infrastructure: Engineering the Digital Backbone

- Delivering hyperscale capacity for AI and cloud workloads
- Site selection, energy, and cooling strategies driving competitive advantage
- Integrating renewables and grid resilience for 24/7 uptime
- How EPC and tech partners are reshaping digital infrastructure delivery

Moderator:

Keith Carswell, Director, Department of Economic Innovation & Development, **City of Miami**

Panelists:

Lenny Chesal, Chief Evangelist, **iM Critical**

Quentin Jones, Technology Manager, Utilities Department, **Pinellas County Government**

Terry Toler, Information System Specialist, **Broward County**

4:20 PM – 4:50 PM

Transit & Mobility: Reinventing Metropolitan Connectivity

- Delivering multimodal networks linking urban and regional hubs
- Scaling EV buses, AVs, and micro-mobility into major corridors
- Public agency and private sector alignment for project acceleration

Moderator:

Jose Clavell, Vice President, Transportation, US South, **EXP**

Panelists:

Aileen Bouclé, Executive Director, **Miami-Dade Transportation Planning Organization**

Paola Baez, Chief, Multimodal Development Section, Transportation Planning and Policy Division,
Miami-Dade County Department of Transportation and Public Works

Ralph Rosado, Commissioner - District 4, **City of Miami**

Stanley Rigaud, Global Trade & Intermodal Cargo Development, **PortMiami**

4:50 PM – 5:10 PM

Innovation in Infrastructure Resilience at PortMiami

PortMiami, an island-constrained port, is advancing a series of forward-thinking resilience initiatives through an integrated approach to protecting maritime operations and safeguarding economic activity.

The port's current capital program includes infrastructure upgrades of varying scales and typologies, each incorporating adaptive design principles. These projects complement Miami-Dade County's broader strategy to reinforce critical assets and establish a replicable framework for resilient waterfront infrastructure across Florida.

This presentation will explore how PortMiami exemplifies proactive adaptation policies, reinforcing its role as a resilient economic engine and a model for maritime infrastructure nationwide.

Presenter:

Michael Bello, Planning & Grants Manager, **PortMiami**

5:10 PM – 5:40 PM

Resilient Cities: Designing for Performance and Intelligence

- Embedding IoT, sensors, and analytics into critical infrastructure
- Measuring ROI from data-driven operations and maintenance
- Financing and delivering smarter, more adaptive city systems

Moderator:

Tyrone Smith, Partnerships Principal, **Via**

Panelists:

Hamid Nikvan, Public Utilities Director, **City of North Miami Beach**

Julio Campa, Information Technology Manager, **Miami-Dade County**

Nick Ciancio, Resilience Division Director, **Miami-Dade County Department of Solid Waste Management**

5:40 PM | Closing Remarks