3rd Infraday Florida Feb. 8, 2024 Hotel AKA Brickell Miami, FL www.infraday.com/ florida Agenda under development (timing, speakers subject to change) – last update 2-6-24

Speakers include:

Alejandro Barrios, Assistant Director, Miami-Dade Department of Transportation and Public Works Alejandro Gomez-Pina, Division Vice President, MasTec

Alexander Traversa, Director, Sustainability & Resiliency, Jacksonville Transportation Authority Alexis Miller, Resilience Engineering Services Manager + Transportation Development Coordinator, City of Cape Canaveral

Alisha Lopez, Clean Cities Director, South Florida Regional Planning Council

Amy Knowles, Chief Resilience Officer, Environment and Sustainability Director, City of Miami Beach Ana Barbosa, Administrative Director, Broward County Board of Rules, and Appeals

Andrea Suarez Abastida, Director of Public Utilities, City of North Miami Beach

Arthur Terechtchouk, Partner, Capital Advisory & Transformation, Superset Infrastructure Auraliz Benitez, Design Project Manager, FDOT District Six

Bach McClure, Stormwater Program Administrator, Natural Resources Management Department,

## **Brevard County, FL**

Barry Brown, Director of Operations & Maintenance, Naples Airport Authority

Benjamin Restrepo, Senior Project Manager, Development Services Department, Building Services Division, City of Fort Lauderdale

Carol Henderson, Deputy Executive Director of Intergovernmental & Outreach, Broward Metropolitan

## **Planning Organization**

Chase Brown, Regional Sales Manager, Fortiline Waterworks

Chris Garafola, Senior Content Manager, 4M Analytics

Dan Checchia, Geographic Discipline Lead | Subsurface Utility Engineering, Colliers Engineering Dan Zhu, Chief Climate Officer, City of Gainesville

Darlene Fernandez, Senior VP of Business Development and Strategy, CES Consultants

David Scott, Deputy City Manager, City of North Miami Beach

Djemcy Limage, Transportation Analyst, City of Boca Raton

Drew Olsen, Strategic Advisor, Heavy Civil & Infrastructure, Procore Technologies

Eulois Cleckley, Director and CEO, Department of Transportation and Public Works, Miami-Dade County

Gabrielle Drice, Information Systems Manager, Resilient Environment Department, Urban Planning Division (GIS), **Broward County** 

Galen Treuer, Ph.D., Climate Tech & Economic Innovation, Miami-Dade County | Office of Innovation and Economic Development

Gaurav Saxena, Manager, Deloitte

Glenn Wiltshire, Deputy Port Director, Port Everglades

Heidi Johnson, ADA Coordinator, Internal Services Department/Facilities and Infrastructure Management Division, ADA Office, Miami-Dade County

Jessica Marin-Urrea, Innovation Chief, Miami-Dade Aviation Department

Jonathan Hopkins, Executive Director, West Palm Beach Mobility Coalition

Kelsey Cox, Senior Director of Engineering and Construction, Jacksonville Port Authority (JAXPORT)

Kemarr Brown, Vice President of Technology Integrations, CES Consultants

Keren Bolter, Senior Coastal Resiliency Manager, EXP

Kyle Harris, Senior Planner, City of Cape Canaveral

Kyle Henry, Vice President - Business Development & Alternative Delivery, EXP

Martin Aztiazarain, Senior Manager, Onindus

Matt Cott, Director of Sales and Business Development, Environmental Noise Control

Matthew Anderson, Assistant Director Mobility & Sustainability, Parking & Mobility Services Department, City of Coral Gables

Maurice Jenkins, Chief Innovation Officer, Miami International Airport

Natalie Crowley, Director of Planning and Zoning, City of Palm Beach Gardens

Patricia Gómez, Director of Energy and Deputy Chief Resilience Officer, Miami-Dade County Office of Resilience

Patricia Roberts, Certified Floodplain Manager, Floodplain Development Review Specialists, City of Fort Lauderdale

Rachel Streitfeld, Commissioner, North Bay Village

Sam Zamacona, Public Works Director, City of North Miami Beach

Scott Morrow, Public Works Director, City of San Antonio, FL

Sergies Duarte, Senior Community Outreach Specialist Golden Glades Interchange (GGI) Project,

Consultant to the Florida Department of Transportation, District Six Construction

Vijay Mishra, Principal Engineer, South Florida Water Management District

Wes Kaisershot, VP, Director of Engineering, Survwest

Zach Eichholz, Chief Resilience Manager, City of Cape Canaveral, Resilience Division

Zachary Bihr, Municipal Services Director, City of Boca Raton

Zachary Burch, Community Engagement/Communications Manager, Naples Airport Authority

	February 7
6:00-8:30pm	Open Bar
	<u>3<sup>rd</sup> Floor</u>
	February 8
7:00am	Main Event
	<u>3<sup>rd</sup> Floor</u>
	Registration Opens
7:00-8:00	Breakfast
8:00-8:50	Panel: Transportation Investment in Florida – Navigating the Future
	Florida emerges as a pivotal hub for strategic transportation investments in the United States. Recognizing the state's substantial population and economic significance, ongoing efforts are paramount to fortify its aging transportation infrastructure and address the needs of its expanding populace. This panel discussion exclusively focuses on transportation, delving into major projects and innovations designed to enhance connectivity, alleviate congestion, and propel economic prosperity throughout Florida. Join a diverse group of transportation leaders as they discuss significant investments and programs shaping the state's transportation landscape, highlighting advancements that contribute to a more efficient and interconnected future.

	Moderator: Kyle Henry, Vice President - Business Development & Alternative Delivery, <b>EXP</b>
	Panelists: Alexis Miller, Resilience Engineering Services Manager + Transportation Development Coordinator, <b>City of Cape Canaveral</b>
	Benjamin Restrepo, Senior Project Manager, Development Services Department, Building Services Division, <b>City of Fort Lauderdale</b>
	Eulois Cleckley, Director and CEO, Department of Transportation and Public Works, Miami-Dade County
	Maurice Jenkins, Chief Innovation Officer, Miami International Airport
8:50-9:30	Panel: Advancing Efficiency and Service Excellence through Digital Transformation
	Digital transformation is reshaping public infrastructure projects in Florida, driving efficiency improvements and elevating service standards. The integration of cutting- edge technologies like the Internet of Things (IoT), artificial intelligence (AI), and cloud computing is fostering enhanced connectivity, intelligence, and data-driven decision-making in infrastructure systems. This evolution facilitates real-time monitoring, predictive maintenance, and optimized resource utilization. Furthermore, digital platforms and mobile applications are playing a pivotal role in improving communication and engagement with stakeholders, thereby facilitating seamless project management. The outcome is more streamlined operations, reduced costs, and improved service delivery across various sectors, including transportation, utilities, and urban development. These advancements benefit both residents and businesses throughout the state of Florida.
	Moderator: Kemarr Brown, Vice President of Technology Integrations, <b>CES Consultants</b>
	Panelists: Dan Zhu, Chief Climate Officer, <b>City of Gainesville</b> Gabrielle Drice, Information Systems Manager, Resilient Environment Department, Urban Planning Division (GIS), <b>Broward County</b> Jessica Marin-Urrea, Innovation Chief, <b>Miami-Dade Aviation Department</b> Scott Morrow, Public Works Director, <b>City of San Antonio, FL</b>
9:30-9:50	Presentation: Golden Glades Interchange (GGI) Project
	The Florida Department of Transportation (FDOT) District Six and Florida's Turnpike Enterprise are developing the design of several roadway projects within the Golden Glades Interchange (GGI) in Miami-Dade County.
	The proposed enhancements to the GGI Interchange include several miles of roadway and ramps. The overall project will help increase the regional connectivity to this major interchange. The project area consists of the following five major

	facilities: State Road (SR) 9A/I- 95, SR 826/Palmetto Expressway, Florida's Turnpike, SR 9 and SR 7/US 441/NW 7 Avenue.
	Presenter:
	Auraliz Benitez, Design Project Manager, FDOT District Six
	Sergies Duarte Senior Community Outreach Specialist Golden Glades Interchange
	(GGI) Project, Consultant to the Florida Department of Transportation, District Six Construction
9:50-10:10	Presentation: Miami-Dade SMART Program South Dade TransitWay
	The South Dade TransitWay (South Corridor) is one the five rapid transit corridors of the Strategic Miami Area Rapid Transit (SMART) Program. The corridor runs 20 miles in length and connects numerous municipalities representing some of the fastest growing communities in Miami-Dade County. The South Dade TransitWay extends from the Dadeland South Metrorail Station to the SW 344th Street Park-and- Ride/Transit Terminal, and it provides a mobility connection between the Miami Central Business District and the Village of Pinecrest, the Village of Palmetto Bay, Town of Cutler Bay, City of Homestead, and Florida City. Once completed, BRT will provide rail-like travel time, iconic stations, level boarding through all doors, and pre-paid fares for speedy access. BRT will also provide enhanced safety features and other upgrades along dedicated lanes with multi-layered service lines on the TransitWay.
	Presenter: Alejandro Barrios, Assistant Director, Miami-Dade Department of Transportation and Public Works
10:10-10:30	Morning Networking Break
	Sponsored by 4M Analytics.
10:30-11:00	Panel: Navigating the Noise: Understanding the Noise Impacts of your
	Infrastructure Projects and What to Do About Them
	Development projects, especially in densely populated areas, face a critical challenge in managing noise impact levels resulting in an increase in specification of noise regulations in bid documents in response. Uncontrolled noise issues carry the potential for offsite receiver complaints and regulatory actions, necessitating a strategic approach to compliance with project noise level specifications and
	municipal noise ordinances. Whether the requirements call for very specific noise levels or a more generalized "keep the noise to a minimum" approach, understanding what mitigation solutions are available is key to compliance and
	minimizing community disruption. This panel discussion will explore innovative solutions centered around the development of site-specific noise impact modeling and engineered mitigation solutions available to ensure both compliance and
	community satisfaction. We will discuss ways to evaluate a project to reduce the noise impact as well as non-regulated noise issues that often result in complaints.

	Moderator: Matt Cott, Director of Sales and Business Development, <b>Environmental Noise</b> <b>Control</b> Panelists: Ana Barbosa, Administrative Director, <b>Broward County Board of Rules, and Appeals</b> Zachary Burch, Community Engagement/Communications Manager, <b>Naples Airport</b> <b>Authority</b>
11:00-11:30	Panel: Re-imagining Utility Mapping: How Artificial intelligence is redefining the utility industry
	Join us for a panel discussion on the need for digital transformation in subsurface utility mapping and its role in advancing our nation's critical infrastructure.
	Given the increased funding and demand for infrastructure development coupled with a shortage of civil engineers, conventional practices like manual utility record research and utility coordination are no longer sustainable. Fragmented, inaccurate, or non-existent data exacerbates these challenges, causing project delays, cost overruns, and safety risks.
	This session will explore the need for a digital transformation within the utility industry to address the evolving demands of the U.S. infrastructure and the growing complexity of our subsurface ecosystem. Companies that successfully adapt will secure a competitive edge in the market and significantly shape the future of our nation's infrastructure. Yet, navigating this transformation presents a complex, multifaceted set of challenges.
	Our panel of experts will discuss how companies are adapting to meet these demands, including technological innovation and stakeholder collaboration. Central to our conversation will be the pivotal role of emerging technologies like AI in improving efficiency, maximizing ROI, mitigating risk, and enhancing safety in infrastructure projects.
	Take advantage of this opportunity to gain insights into the future of utility mapping and why effectively unlocking the world below us is the cornerstone of resilient, modern infrastructure.
	Moderator: Chris Garafola, Senior Content Manager, <b>4M Analytics</b>
	Panelists: Alejandro Gomez-Pina, Division Vice President, <b>MasTec</b> Andrea Suárez Abastida, Director NMB Water, <b>City of North Miami Beach</b> Dan Checchia, Geographic Discipline Lead   Subsurface Utility Engineering, <b>Colliers</b> <b>Engineering</b> Wes Kaisershot, VP, Director of Engineering, <b>Survwest</b>

11:30-12:00	Panel: New Project Management Technology Is Enabling Greater Success for
	Infrastructure Projects
	Discover how cutting-edge project management technology is revolutionizing the success of infrastructure projects. This panel delves into transformative tools and methodologies reshaping the landscape of project management, enabling enhanced efficiency, collaboration, and risk mitigation. Explore case studies showcasing tangible improvements in project delivery timelines, cost management, and stakeholder communication. Join industry experts as they unravel the potential of emerging technologies, such as artificial intelligence, advanced analytics, and collaborative platforms, in ensuring unprecedented success for infrastructure projects. Don't miss this opportunity to stay at the forefront of innovation and gain insights that can elevate your approach to project management in the rapidly evolving infrastructure sector.
	Moderator: Todd Procaccini, Senior Client Executive, <b>Kahua</b>
	Panelists: Arthur Terechtchouk, Partner, Capital Advisory & Transformation, <b>Superset</b> Infrastructure Barry Brown, Director of Operations & Maintenance, Naples Airport Authority Gaurav Saxena, Manager, Deloitte Martin Aztiazarain, Senior Manager, <b>Onindus</b>
12:00-12:30	Panel: Establishing Climate-Resilient Infrastructure for a Sustainable Future in Florida
	The development of climate-resilient infrastructure in Florida is imperative for addressing the impacts of climate change. This involves the design and construction of infrastructure systems capable of withstanding extreme weather events, sea-level rise, and evolving climatic conditions. The integration of nature-based solutions, such as green infrastructure and coastal resilience measures, can bolster Florida's ability to adapt to climate-related challenges. Furthermore, the inclusion of climate risk assessments and adaptive management strategies ensures the long-term viability of infrastructure. Collaborative efforts involving government agencies, stakeholders, and communities are essential to prioritize climate resilience in infrastructure planning and investment decisions. By establishing climate-resilient infrastructure, Florida can protect lives, preserve assets, and promote sustainable development in the context of a changing climate.
	Moderator: Keren Bolter, Senior Coastal Resiliency Manager, <b>EXP</b>
	Panelists: Amy Knowles, Chief Resilience Officer, Environment and Sustainability Director, <b>City</b> of Miami Beach

	Kyle Harris, Senior Planner, <b>City of Cape Canaveral</b> Matthew Anderson, Assistant Director Mobility & Sustainability, Parking & Mobility Services Department, <b>City of Coral Gables</b> Patricia Gómez, Director of Energy and Deputy Chief Resilience Officer, <b>Miami-Dade</b> <b>County Office of Resilience</b>
12:30-1:00	Harboring Growth: Navigating the Future of Florida's Port Infrastructure for Global Competitiveness
	Join our distinguished panel of industry leaders for an exclusive discussion on the strategic evolution of port infrastructure in Florida. Explore the business dynamics driving transformative investments, cutting-edge technologies, and logistical innovations that are propelling the Sunshine State's ports to international prominence. From state-of-the-art container terminal expansions to advanced supply chain optimization, our experts will dissect the key drivers fueling success in this dynamic sector. Delve into the intersection of regulatory frameworks, public-private partnerships, and sustainable practices that are shaping Florida's ports into global trade hubs. Gain unique insights into the pivotal role of connectivity, digitalization, and strategic planning in fostering economic growth. Join us for an insightful dialogue on business strategies, market trends, and investment opportunities that define the future of port infrastructure in Florida, where growth meets the high seas of global competitiveness.
	Panelists: Glenn Wiltshire, Deputy Port Director, <b>Port Everglades</b> Kelsey Cox, Senior Director of Engineering and Construction, <b>Jacksonville Port</b> <b>Authority (JAXPORT)</b>
1:00-2:00	Lunch
2:00-2:30	Urban Velocity: Pioneering the Future of Mobility in Florida's Business Landscape
	Engage with industry frontrunners in a dynamic conversation on the future of urban mobility in Florida. Our expert panel will dissect the strategic initiatives, technological advancements, and market dynamics propelling the Sunshine State's urban mobility sector. From innovative transportation solutions and smart infrastructure projects to cutting-edge data analytics driving demand forecasting, our discussion will uncover the key drivers shaping the competitive landscape. Explore the intersection of regulatory frameworks, public-private collaborations, and sustainable urban planning that are steering Florida towards mobility excellence. Gain exclusive insights into the transformative role of autonomous vehicles, connectivity, and mobility-as-a-service in enhancing the state's economic fabric. Join us for an impactful dialogue on business strategies, market trends, and investment opportunities defining the future of urban mobility in Florida, where acceleration meets opportunity in the thriving landscape of innovative transportation solutions.

	Moderator: Darlene Fernandez, Senior VP of Business Development and Strategy, <b>CES</b> <b>Consultants</b>
	Panelists: Alisha Lopez, Clean Cities Director, <b>South Florida Regional Planning Council</b> Natalie Crowley, Director of Planning and Zoning, <b>City of Palm Beach Gardens</b> Zachary Bihr, Municipal Services Director, <b>City of Boca Raton</b>
2:30-2:50	Presentation: The Race to Resilience on America's Space Coast – City of Cape Canaveral
	The City of Cape Canaveral is a small barrier island community of 10,000 residents set adjacent to some of America's largest and most important infrastructure assets, including the highly dynamic Kennedy Space Center, the Cape Canaveral Space Force Station, and Port Canaveral, one of the largest cruise ports in the world by passenger volume. In recent years, the City has become a hub of socio-economic activity as billions of dollars' worth of investments pour into the area to help take humanity back to the moon via NASA's Artemis Program, enhance space-oriented national defense, and expand tourism. Now, facing these growth challenges against ever increasing climate-related risks, the City is rapidly developing and building out a resilience program intended to facilitate the future-proofing of critical infrastructure, create smart growth, and utilize nature-based solutions to improve ecosystem services. How does the City budget for such an expansive program? How does the City's small staff effectively utilize resources? What role does resident empowerment play? In this presentation, we'll highlight the latest in resilience planning from the perspective of a small municipality on one of America's most unique coast.
	Presenter: Zach Eichholz, Chief Resilience Manager, <b>City of Cape Canaveral, Resilience Division</b>
2:50-3:10	Presentation: From Orlando to Keys: Managing Water Resources Amidst Development, Growth, and Climate Change
	In the face of escalating challenges posed by land development, population growth, and the ever-pressing issue of climate change, the SFWMD stands resolute in its commitment to safeguarding water resources in the southern half of Florida. As a regional government agency, the district oversees water management across 16 counties, serving a burgeoning population of nine million residents from Orlando to the Florida Keys. Our collaborative approach with local, state, and federal partners underscores our dedication to providing scientifically backed data for informed decision-making throughout South Florida. This presentation will summarize SFWMD's resiliency strategy, which encompasses an evaluation of flood control infrastructure, water supply operations, and ongoing ecosystem restoration efforts. This presentation will also shed light on the proactive measures and projects crucial

	for sustaining flood control, ensuring water supply, and fostering ecosystem restoration in anticipation of the evolving climate conditions.
	Presenter Vijay Mishra, Principal Engineer, <b>South Florida Water Management District</b>
3:10-3:30	Afternoon Break
3:30-3:50	Presentation: North Bay Village Stormwater Master Plan
	North Bay Village commissioned its first-ever Stormwater Master Plan (SWMP) to comprehensively address flooding issues and improve stormwater management. Flooding has long impacted the three islands of North Bay Village during heavy rains and high tides, as well as sitting in the middle of Biscayne Bay, planning had to be done for a future where rising sea levels is a reality. The SWMP provides a roadmap to upgrade drainage infrastructure, install new systems, and implement projects to reduce flooding and increase stormwater capacity for the sustainability of the Village. Modeling has shown extensive flooding from sea level rise, storm surge, and inadequate pipes/pumps and in response the SWMP's Capital Improvement Plan proposes phased drainage, roadway, and seawall projects over 15 years. Priority projects include new stormwater pipes, exfiltration trenches, road raising, and seawall improvements. Funding will come from stormwater fees, grants, and partnerships. Implementing the SWMP will significantly reduce flooding, benefit public health/safety, and improve resilience against sea level rise.
	Rachel Streitfeld, Commissioner, North Bay Village
3:50-4:30	Panel: Liquid Assets: Stormwater Solutions Propelling Florida's Resilient Infrastructure Economy
	Embark on a strategic exploration of Florida's stormwater infrastructure paradigm with our esteemed panel of industry thought leaders. Uncover the business imperatives behind innovative stormwater management, flood mitigation, and resilience strategies that are reshaping the Sunshine State's infrastructure landscape. From pioneering green infrastructure projects to cutting-edge stormwater technologies, our experts will dissect the competitive advantages and investment opportunities within this burgeoning sector. Navigate the confluence of regulatory frameworks, sustainable practices, and private-sector initiatives that are steering Florida towards water resilience excellence. Gain exclusive insights into the dynamic interplay of policy, funding models, and technological advancements that define the future of stormwater infrastructure in Florida. Join us for a forward-thinking dialogue on business strategies, market trends, and investment potential propelling the liquid asset revolution, where stormwater solutions intersect with Florida's resilient infrastructure economy.
	Moderator: Chase Brown, Regional Sales Manager, <b>Fortiline Waterworks</b>

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	Panelists: Alexander Traversa, Director, Sustainability & Resiliency, <b>Jacksonville Transportation</b> <b>Authority</b> Bach McClure, Stormwater Program Administrator, Natural Resources Management Department, <b>Brevard County, FL</b> Patricia Roberts, Certified Floodplain Manager, Floodplain Development Review Specialists, <b>City of Fort Lauderdale</b> Sam Zamacona, Public Works Director, <b>City of North Miami Beach</b>
4:30-4:50	Presentation: South Florida's Climate Resilience Tech Hub
	The Economic Development Administration (EDA) designated South Florida's Climate Resilience Tech Hub in October 2023. The Tech Hub's vision is to lead commercialization of resilience technology globally. The EDA Tech Hubs Program is a federal program that aims to strengthen U.S. economic and national security with investments for regions to become global leaders in innovative technologies. The Climate Resilience Tech Hub, led by Miami-Dade County, is powered by a consortium of universities, corporations, startups, workforce providers, economic development agencies, local governments, labor, and resilience organizations. It will drive economic opportunity to underrepresented communities by advancing the resilient workforce of the future and accelerating market-ready solutions through an entrepreneurial ecosystem. The hub's initial focus is to expand decades-long work on sustainable resilient infrastructure and clean energy in response to our changing interaction with water, driven by extreme weather, rising sea levels, and intense humidity. This presentation will detail the why, how, and who of the Climate Resilience Tech Hub.
	Presenter: Galen Treuer, Ph.D., Climate Tech & Economic Innovation, Miami-Dade County   Office of Innovation and Economic Development
4:50-5:20	Panel: Equity in Action: Shaping Florida's Infrastructure Future for Inclusive Prosperity
	Join our distinguished panel of industry thought leaders for an insightful discussion on advancing equity in Florida's infrastructure development. Delve into the strategic initiatives, inclusive business models, and market dynamics driving equitable practices across diverse infrastructure projects. From targeted investments in underserved communities to fostering diverse partnerships, our panelists will dissect key drivers in ensuring fair and inclusive economic growth. Explore the intersection of regulatory frameworks, public-private collaborations, and community engagement strategies that are reshaping Florida's infrastructure landscape. Gain exclusive insights into innovative approaches for bridging equity gaps in transportation, utilities, and urban development projects. This discussion will provide invaluable perspectives on business strategies, market trends, and investment opportunities, illustrating how Florida is leading the charge in building infrastructure that promotes inclusive prosperity for all. Join us for a forward-

	thinking dialogue where equity meets infrastructure, charting the course for a more inclusive and prosperous Florida.
	Moderator:
	Ken Bauco, CEO, <b>Infraday</b>
	Panelists:
	David Scott, Deputy City Manager, City of North Miami Beach
	Djemcy Limage, Transportation Analyst, City of Boca Raton
	Heidi Johnson, ADA Coordinator, Internal Services Department/Facilities and
	Infrastructure Management Division, ADA Office, Miami-Dade County
5:20-6:00	Event Close & Reception