

2025 Project Management Conference: Innovate

Agenda | May 14 – 15, 2025 | Omni Orlando Resort at ChampionsGate

Wednesday, May 14, 2025 3 PDH's

10:30 am – 5:00 pm	Registration Desk & Check-In
11:30 am – 12:30 pm	Networking Lunch
12:30 pm – 12:45 pm	<p>FDOT ACEC Florida Welcome Address</p> <p>Rudy Powell, P.E. – Chief Engineer of Operations FDOT</p> <p>JW Hunter, P.E. – Principal Engineer Chen Moore & Associates</p>
12:45 pm – 1:45 pm (1 PDH)	<p>Session 1: US 301 Baldwin Bypass – The Way Around</p> <p>Presenters:</p> <p>Jeff Daugharty – District 2 Project Manager FDOT</p> <p>Keith Travis, P.E. – Vice President Parsons Transportation</p> <p>Robert Gurganious – Construction Project Manager FDOT</p> <p>Mike Fleming – Senior Associate, Practice Lead KCI Technologies, Inc.</p> <p>Description:</p> <p>This session will relay some of the challenges and solutions implemented in navigating one of District 2's new alignment projects through design and construction. The US 301 Baldwin bypass in Duval County was first considered in 1960 as a US 301 improvement to provide an alternate route to avoid congestion within the Town of Baldwin. Two rail lines cross US 301 in Baldwin and were the most significant cause of traffic congestion - a north-south line (30 crossings/day) and an east-west line (45 crossings/day). Following a lengthy PD&E phase that considered three alternatives, a preferred alignment was selected and the Design phase began in Aug 2012 with the Project Management team consisting of Jeff Daugharty as FDOT/D2 Design PM and, on the Consultant Design side, Keith Travis as Parsons Transportation PM. The Construction Phase kicked off in January 2017 and finished in 2021 – the Construction team was led by FDOT Construction PM Robert Gurganious and a CEI team with Keith & Schnars as the prime consultant.</p> <p>The project team encountered many interesting challenges in designing the 4.3 mile LA new alignment to clear the way for construction of the 4-lane divided roadway that includes a pair of bridges over each railway requiring extensive coordination with CSX including accommodations for future rail widening, and a third pair over the Jacksonville-Baldwin Rail Trail facility. Bridges over US90 were initially considered but coordination with SHIPO concluded that an at grade crossing was necessary to preserve the scenic highway viewshed. In addition, approaches to the US90 intersection consist of concrete pavement to better endure stop and go truck traffic at</p>

	<p>the signalized intersection. The new alignment also crossed an area of contamination that required coordination with FDEP to clean up the area before construction started. The D2 CAR contractor removed the contaminated material during the design phase, and installed temporary drainage that was carefully replaced during the construction phase as the permanent drainage system came online.</p> <p>The alternate US301 bypass route has been in service for four years now and has succeeded in delivering a much-needed improvement to the operational efficiency of this NHS and SIS roadway.</p>	
1:45 pm – 2:15 pm	Networking Break with Presenters	
2:15 pm – 3:15 pm (Breakout Session) (1 PDH)	<p>Session 2A: Pre-Construction <i>Innovative Solution to Stormwater Challenge – FDOT Alternative Mitigation</i></p> <p>Presenters:</p> <p>Jennifer Johnson, P.E., CPM – State Drainage Engineer FDOT CO</p> <p>Ferrell Hickson P.E. – District Drainage Engineer FDOT D5</p> <p>Steven Johnston, P.E. – Senior Drainage Engineer TLP Engineering Consultants, Inc.</p> <p>Jim Myers, P.E. – Vice President TLP Engineering Consultants, Inc.</p> <p>Description: The SR 528 Widening Project crosses the Banana River Lagoon, part of the Indian River Lagoon National Estuary. Initially, the project proposed offsite ponds within estuarine wetlands. TLP facilitated partnering between FDOT and Brevard County to fund a septic-to-sewer project to remove nutrients and satisfy water quality requirements, thereby eliminating the need for offsite ponds. The result was broadened environmental benefits for the lagoon and a more resilient transportation system. Florida TaxWatch awarded FDOT D5 the 2023 Government Productivity Award for this</p>	<p>Session 2B: Construction <i>Pioneering Traffic Solutions – Diverging Diamond Interchange Implementation with Live Traffic and Stakeholder Collaboration (Sand Lake Rd/SR 482 @ 1-4)</i></p> <p>Presenters:</p> <p>Ryan Flipse, P.E. - Interim D5 Assistant District Construction Engineer FDOT</p> <p>Jim Moulton, P.E. – Senior Project Engineer HNTB</p> <p>Description: The Sand Lake Road and I-4 Interchange Improvements project, located in the Central Florida Tourism District, presented an unprecedented challenge for District 5. Initially, the level of stakeholder engagement was uncertain, but through coordinated efforts with the design team, public information office, and D5 leadership, the construction team exceeded prior project expectations. This collaboration enabled the successful implementation of an interim diverging diamond interchange, with live traffic transitioning over a 12-hour period. As the first known deployment of its kind, the project required extensive technical expertise and precise coordination across roadway construction, signal operations, and traffic management.</p>

	SR 528 project.	
3:15 pm – 3:45 pm	Networking Break with Presenters	
3:45 pm – 4:45 pm (Breakout Session) (1 PDH)	<p>Session 3A: Pre-Construction <i>Quality Best Practices Panel</i></p> <p>Presenters:</p> <p>Tracy Hood, P.E. – District Quality Engineer FDOT D7</p> <p>Belqis Majboor, P.E., ME, CPM - District Design Quality Assurance Engineer FDOT D2</p> <p>Joseph Lauk, P.E. – Principal/Rodway Director PGA</p> <p>Kristina Price, P.E. – Roadway Section Manager HDR</p> <p>Description:</p> <p>As an introduction to the Quality Panel discussion, an opening presentation will cover an evaluation of issues FDOT District 7 is having that may be related to quality, what may be causing these issues, and some potential solutions to improve quality. The goal of the presentation is to help attendees understand quality control principles, and to stimulate the attendees to think about how they can contribute to producing higher quality plans, whether it is improvements within the consultant quality process, improvements in FDOT’s communication and management process, or any other change that may lead to higher quality plans.</p> <p>Following the presentation, a panel discussion will cover additional topics related to quality including consistency of quality reviews and lessons learned, how FDOT and Consultants can work together to improve quality and</p>	<p>Session 3B: Construction <i>CEI Contracts Panel – Lump Sum and Hybrid Programs</i></p> <p>Presenters:</p> <p>Matt Carlock, P.E. – District Construction Engineer FDOT D4</p> <p>Brent Wilkins, P.E., DBIA – Associate Vice President, Southwest FL Area Lead RS&H</p> <p>Roland Rodriguez, P.E. – Senior Project Engineer, Vice President Pinnacle Consulting Enterprises, Inc.</p> <p>Description:</p> <p>This Construction breakout session will focus on CEI contracts covering both hybrid programs and lump sum contracts. The panel discussion will emphasize expectations, best practices, and lessons learned through these programs from both the Department and Consultant perspective. The session will cover the procurement process, performance of the contracts, managing changes, and finally closing out the projects. Following our panel discussion, the audience will be given an opportunity to ask questions and have them answered by our panelists.</p>

	minimize design issues, how technology can be leveraged to improve design quality and streamline design review time, and more. The session will close with audience Q&A to give attendees an opportunity to have their questions on quality answered and discussed by the panel.	
5:00 pm – 6:30 pm	Networking Reception	

**Subject to Change*

Thursday, May 15, 2025 2.5 PDH's

7:30 am – 12:00 pm	Registration Desk	
7:30 am – 8:30 am	Continental Breakfast	
8:30 am – 9:30 am (Breakout Session) (1 PDH)	<p>Session 4A: Pre-Construction <i>A Tale of Transformation at the I-75 Alligator Alley Rest Area: From a Rest Stop to an Environmental Education Center</i></p> <p>Presenters:</p> <p>Vandana Nagole, P.E., CPM – Project Manager FDOT D4</p> <p>Evelyn Rodriguez, P.E., ENV SP – Engineering Services Manager EAC Consulting, Inc.</p> <p>Robert Cotleur, PLA, ASLA – Landscape Architect, Cotleur Hearing</p> <p>Patrick Mull, P.E., S.E. – Structural Engineer RS&H</p> <p>Description:</p> <p>The project aimed to improve the existing I-75/Alligator Alley rest area located between MP 29.200 and MP 29.910 by constructing educational amenities within the existing site. The construction of educational amenities required reconfiguring existing parking lots, access roads, drainage structures,</p>	<p>Session 4B: Construction <i>Moving Florida Forward – Innovating the Golden Glades Interchange for a Smarter, Smoother Tomorrow</i></p> <p>Presenters:</p> <p>Enmanuel Espinal, M.S.E.M., P.E., C.P.M. - Resident Engineer - Special Projects FDOT D6</p> <p>Raul Quintela – Project Management Supervisor FDOT D6</p> <p>Raj Rangaswamy, P.E. – Vice President/Area Principal Consor Engineers</p> <p>Daniel Benitez, P.E. – Operations Manager BCC Engineering, LLC.</p> <p>Description:</p> <p>This presentation covers the planned improvements for the Golden Glades Interchange (GGI), a vital \$908M, 2,800-day transportation project in South Florida. It highlights current connectivity issues, the project's regional importance, and key upgrades like new flyovers, express lanes,</p>

	<p>utilities, lighting, and sidewalks, ensuring sustainability and functionality. The proposed educational amenities included an observation tower, boardwalks, walkways, asphalt trails, a dog park, pavilions, hardscape elements (such as benches, trash receptacles, drinking fountains), and landscaping. A decorative alligator statue was constructed within the Environmental Educational Center limits. The project also included the replacement and reconstruction of the Truck Parking Availability System (TPAS). A wetland plant exhibit and arboretum was constructed that showcases the flora and fauna of the Everglades ecosystem.</p>	<p>interchange reconstruction, multimodal enhancements, and roadway improvements. Design and funding challenges are addressed, along with innovative solutions such as the GGI Light and streamlined management strategies. Pre-construction efforts include stakeholder coordination, public outreach, and industry forums. The construction phase tackles issues like inflation and labor costs through aggressive scheduling, innovative specs, and cost-saving measures. Progress updates with photos and stats are included. The presentation concludes by underscoring GGI's future impact on mobility, congestion relief, and its role as a key freight and transportation hub for South Florida.</p>
9:30 am – 10:00 am	Networking Break with Presenters	
10:00 am – 11:25 am (1.5 PDHs)	<p>Session 5: Moving I-4 Forward Program Update and New Modified Phased Design-Build Process Panel</p> <p>Presenters:</p> <p>Courtney Hance, P.E. - Deputy Program Manager – Controls RS&H Mark Owen, P.E. - Senior Project Management Engineer RS&H Ben Miller, P.E. - MI-4 Project Management Engineer RS&H Will Potter, P.E. - Director, Office of Design FDOT CO Morgan County, P.E. – MI-4 Program Controller HNTB Thomas Anzelone, P.E. – MI-4 Project Management Engineer RS&H Lindsey Skourellos, P.E. – Project Manager BCC Engineering, LLC.</p> <p>Description: As Florida continues to experience rapid growth, the Florida Department of Transportation (FDOT) is actively addressing the state’s evolving infrastructure needs. Through the Moving Florida Forward Infrastructure Initiative, FDOT is accelerating a series of projects in Central Florida to add two new Express Lanes in each direction along Interstate 4 (I-4) from west of U.S. 27 in Polk County to east of World Center</p>	

	<p>Drive, State Road (S.R.) 536 in Orange County.</p> <p>Known as the “Moving I-4 Forward,” these projects will deliver much-needed congestion relief 10 to 20 years ahead of the original schedule, made possible by the bold vision of Governor Ron DeSantis and the support of the Florida Legislature. Benefits of the program will include improved travel times with reduced congestion, increased safety and connectivity, enhanced quality of life for the community, and strengthened resilient infrastructure for future growth, among so much more. This session will include a program overview presentation followed by a panel discussion of the new innovative delivery method being used to deliver this critical program – Modified Phased Design-Build.</p>
11:25 am – 11:30 am	Chief Engineer Closing Remarks

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