



Palm Beach County
The Best of Everything.



TPA Downtown Intermodal Workshop

Engineering and
Public Works



David Ricks, P.E.
County Engineer



❖ Jurisdiction:

- PBC owns the right-of-way for Australian Avenue, Palm Beach Lakes Boulevard and Belvedere Road
- PBC operates and maintains all traffic signals in the Downtown area; Okeechobee Blvd, US-1 and Quadrille Avenue on behalf of FDOT, and the rest on behalf of the City of WPB

❖ Operational Challenges:

- Ongoing/future high rate of growth and generated traffic demand
- Okeechobee Boulevard:
 - Two closely spaced Railroad crossings (CSX & FEC) and two stations
 - Drawbridge over the Intracoastal Waterway
 - Segment from I-95 to Tamarind Avenue/Parker Avenue at/near capacity
 - Eastbound bottleneck (loss of one lane) at the Australian Avenue interchange
 - Heavy pedestrian demand, particularly at Rosemary Avenue



- ❖ Deployed an adaptive traffic control system in 2015; however, there were significant downsides to the system which resulted in its decommissioning in 2019
- ❖ Included as part of the highly successful FDOT-funded Active Arterial Management Program, a proactive real-time monitoring and intervention program from the PBC Traffic Management Center
- ❖ Plans to install the latest standard in traffic signal controllers (Advanced Traffic Controllers)
- ❖ Explored other adaptive traffic control systems, which were deemed unfit for this corridor



Australian Avenue Drainage Improvements: Banyan Blvd to 45th Street

- ❖ Scope of Work: Design and construct new closed stormwater drainage system and additional outfalls for 3 miles of Australian Avenue; reconstruct roadway and bridges, add shoulders/bike lanes and multiuse paths on both sides of the roadway, upgrade traffic signals and improvements identified in a safety study of the corridor
- ❖ Ongoing coordination with the City of West Palm Beach to upgrade its utilities along the corridor with project construction
- ❖ Project Funding Sources: Infrastructure Sales Tax and FDEP Resilient Florida Grant
- ❖ Estimated Project Cost: \$31 million

Palm Beach Lakes Blvd Bridge over the FEC Railroad

- ❖ Scope of Work: Rehab bridge to bring the bridge to current safety standards; widen the bridge to add shoulders and sidewalk
- ❖ Ongoing coordination with the City of West Palm Beach and its CRA for enhancements/improvements on, adjacent to, and beneath the bridge
- ❖ Funding Sources: Infrastructure Sales Tax; seeking other grants
- ❖ Estimated Project Cost: \$23 million



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PALM BEACH
Transportation
Planning Agency

