

Orlando Site Visit

Summary

The Palm Beach TPA led a peer exchange visit to Orlando, Florida to learn about Transit Oriented Development (TOD), mobility, and public-private partnerships.



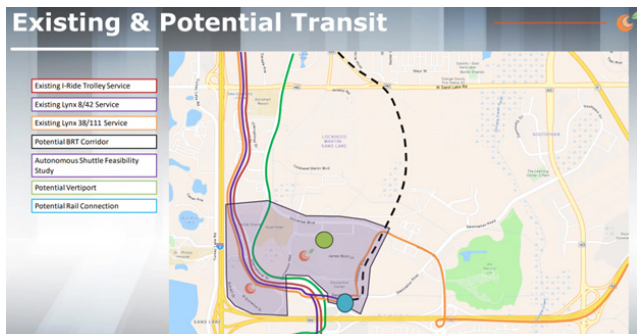
Brightline Train Ride and Orlando Airport Station

An approximately two hour train ride took participants from Brightline's West Palm Beach station to the station at Orlando International Airport. At 80,000 square feet, it has direct access to airport terminals with 1,000 ft. platforms and trains with up to 10 coaches and two locomotives. The station also includes a children's play area, restaurant and bar, and local transit connections.



Beep Headquarters and Current Partnerships

Beep operates autonomous micro shuttles worldwide to provide first and last mile solutions with limited needs for operators. Partnerships include cities, transit providers, and airports. The Gen. 1 shuttle connects to the Beep HQ Operations Center in Lake Nona with continuous vehicle monitoring to ensure corrective actions as necessary. The Gen. 2 vehicle will provide greater route flexibility and expand potential operation areas.



Orlando Convention Center (OCC) and Transit Connections

OCC created a \$2.7B economic impact in 2023 with 1.4M visitors. Centralized parking centers include first and last mile connections by foot or bicycle. OCC is planning for Bus Rapid Transit, autonomous vehicles, vertiports, and expanding bus service. Transit connections are seen as critical to reducing congestion and impaired driving. Lessons learned include a long-term vision and framework for implementation, like the fare-free Tampa TECO Streetcar with 1.3M passengers in FY22-23.



LYNX: A Transit Provider Shares Perspective on TOD

LYNX leaders encourage developing a premium, frequent network (rail or BRT) as the backbone to other local service, and not sacrifice user base in pursuit of new customers. Pilot a partnership with autonomous vehicles and electric vehicles and have development chase transit projects by creating complementary policies. Develop corridors and nodes on the premium network based on policies to entice TOD. Safe sidewalks, crosswalks and curb ramps are critical to access transit.

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CraneRIDES: Altamonte Springs Partnership with Beep

The City of Altamonte Springs partnered with the Florida Department of Transportation (FDOT) and local champions to develop a fixed autonomous route using Beep vehicles. Travel lanes were re-purposed to be safer and include shared bicycle and micro-shuttle space. This also maintained capacity and existing levels.

Kissimmee Site Visit and SunRail TOD

The SunRail in the Orlando Metropolitan Area is a 49-mile commuter rail. In just ten years, SunRail has attracted \$1.9B in investment across 49 developments. The Kissimmee Station Area TOD is connected to streets, alleys, vias, and stormwater grid. Water quality in Lake Tohopekalliga was improved by TOD stormwater treatments. The site is located near the first FDOT lane repurposing project at Broadway Ave.

