



WEST PALM BEACH

THE FUTURE OF MOBILITY



JANUARY 18, 2023



AGENDA

- HOUSEKEEPING
- PROJECT BACKGROUND
- STOP GAP PROJECT
- FUTURE OPTIONS
- POTENTIAL VEHICLES
- NEXT STEPS

OBJECTIVE

- INFORM PARTICIPANTS
- GAIN FEEDBACK TO SHAPE THE FUTURE



PROJECT BACKGROUND

Project context and goals

Element of the Downtown Mobility Plan update

Develop a short- and long-term vision for transit service in Downtown

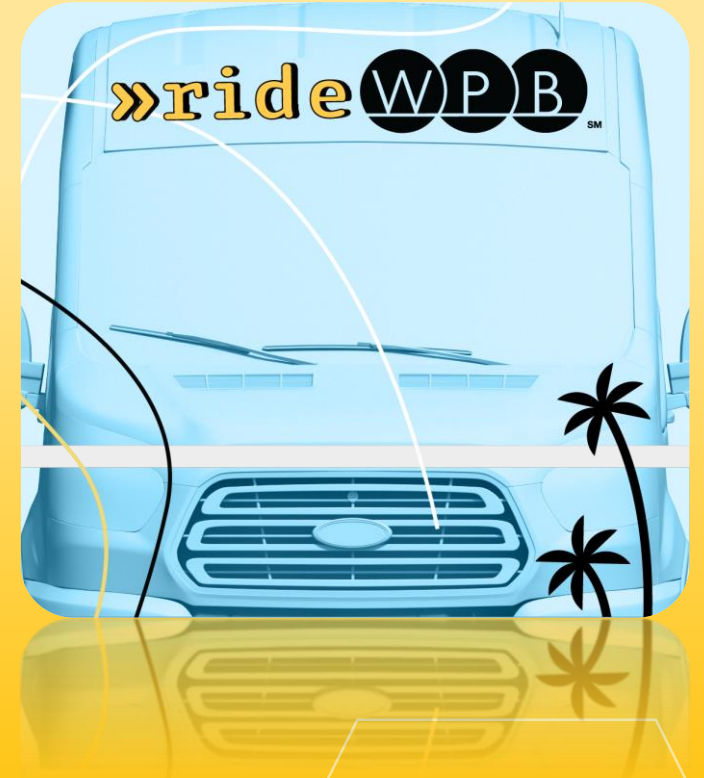
Implement through a new RFP for service

Utilize existing grant funding for vehicles and bus shelters

PROJECT BACKGROUND

History

Consultant presented recommendations for a trolley system expansion



PROJECT BACKGROUND

History

Rebooted the study within the context of post-pandemic transportation landscape

- Population growth
- Change in commuter patterns
 - Work from home
 - Flex hours



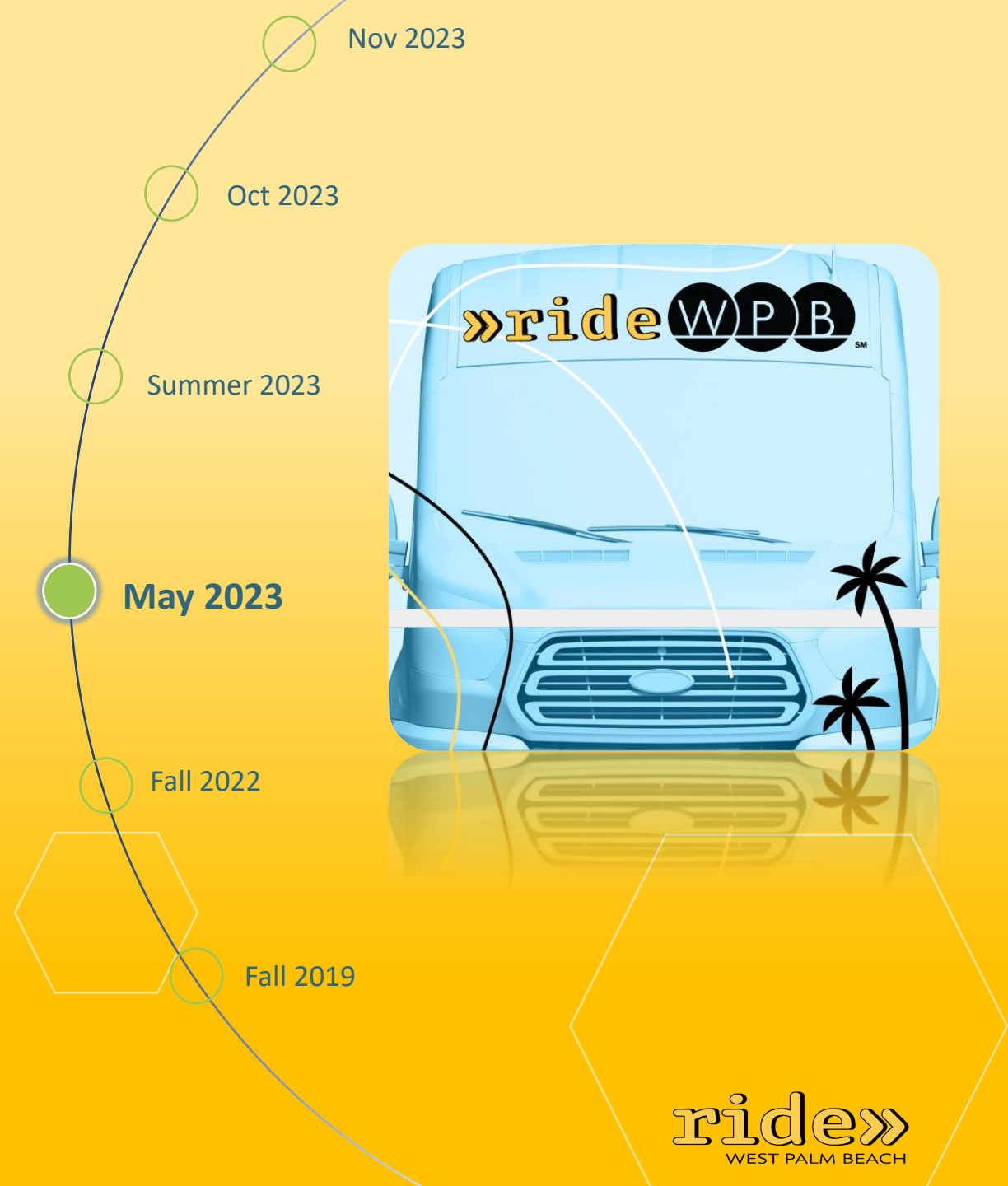
PROJECT BACKGROUND

History

Trolley Service ends and Stopgap service begins

- On demand
- Fixed route service

Begin data collection and collect feedback from stakeholders to inform a permanent system



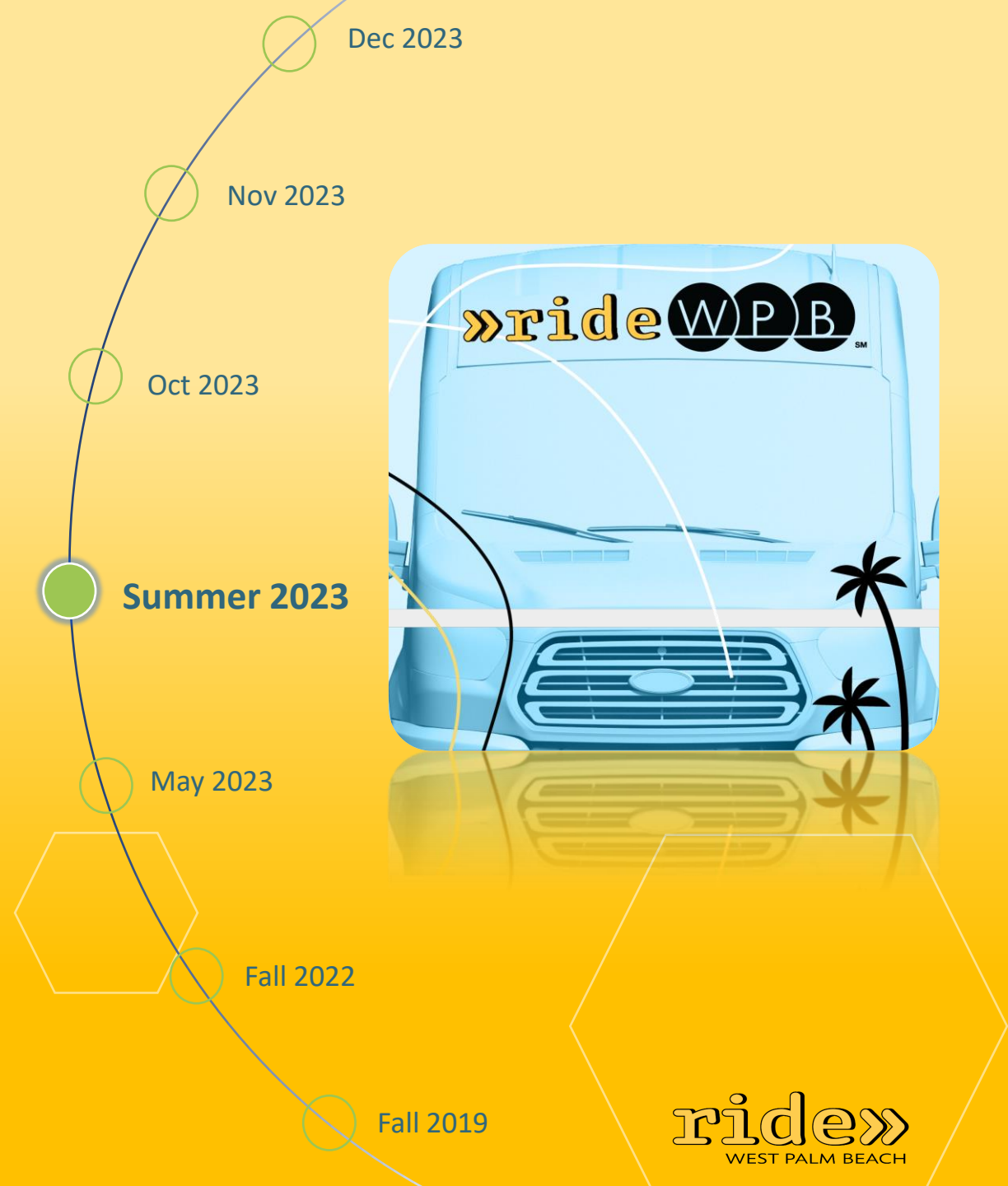
PROJECT BACKGROUND

History

Present stopgap service changes to downtown condo associations

- St. Andrews
- Cityplace Towers South
- Watermark
- The Strand
- City Palms
- The Whitney

Present stopgap service changes Downtown Neighborhood Association



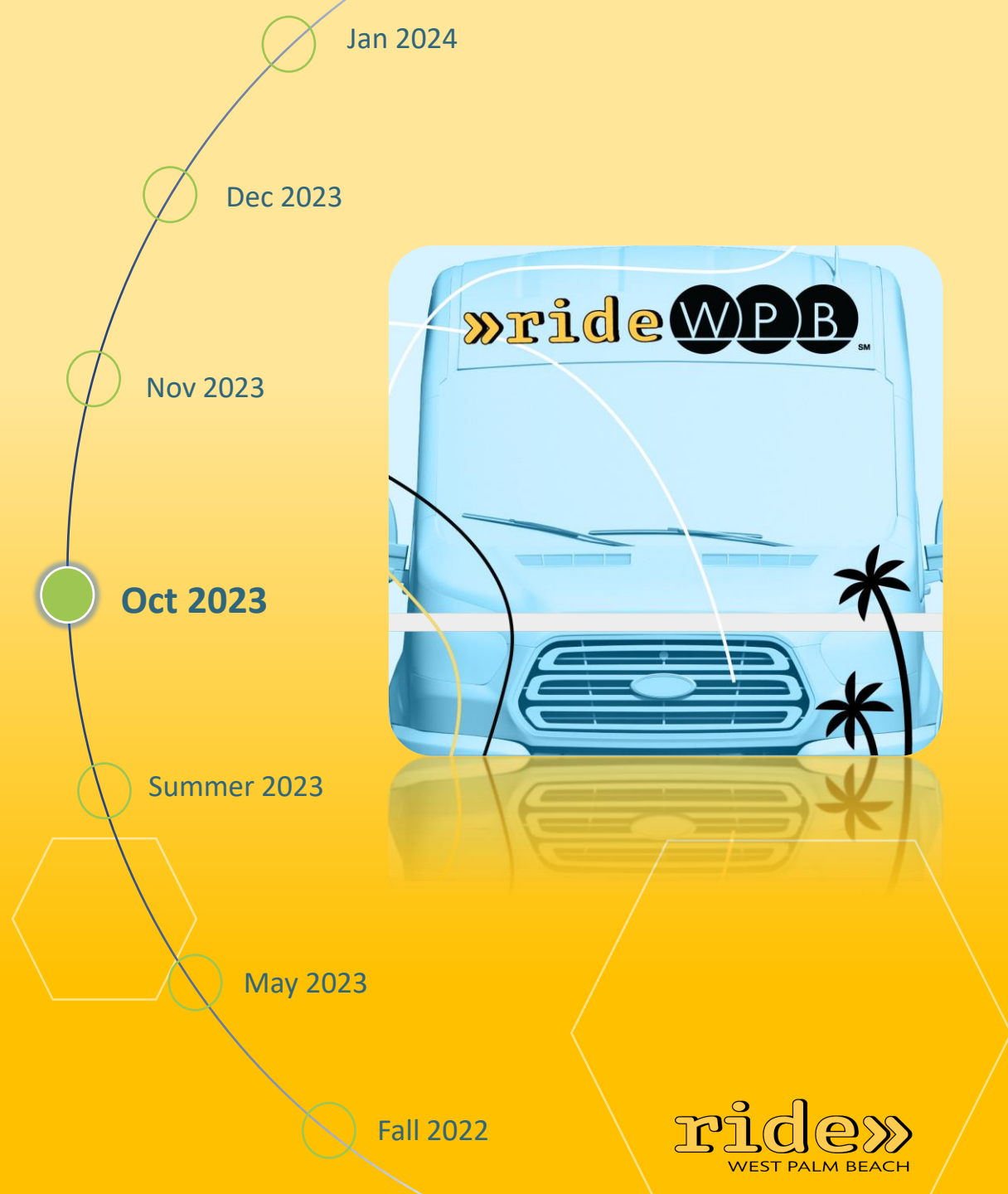
PROJECT BACKGROUND

History

Present transit route options to stakeholders



Present transit route options and collect feedback at the Green Market during Florida Mobility Week



Jan 2024

Dec 2023

Nov 2023

Oct 2023

Summer 2023

May 2023

Fall 2022

ride»
WEST PALM BEACH

PROJECT BACKGROUND

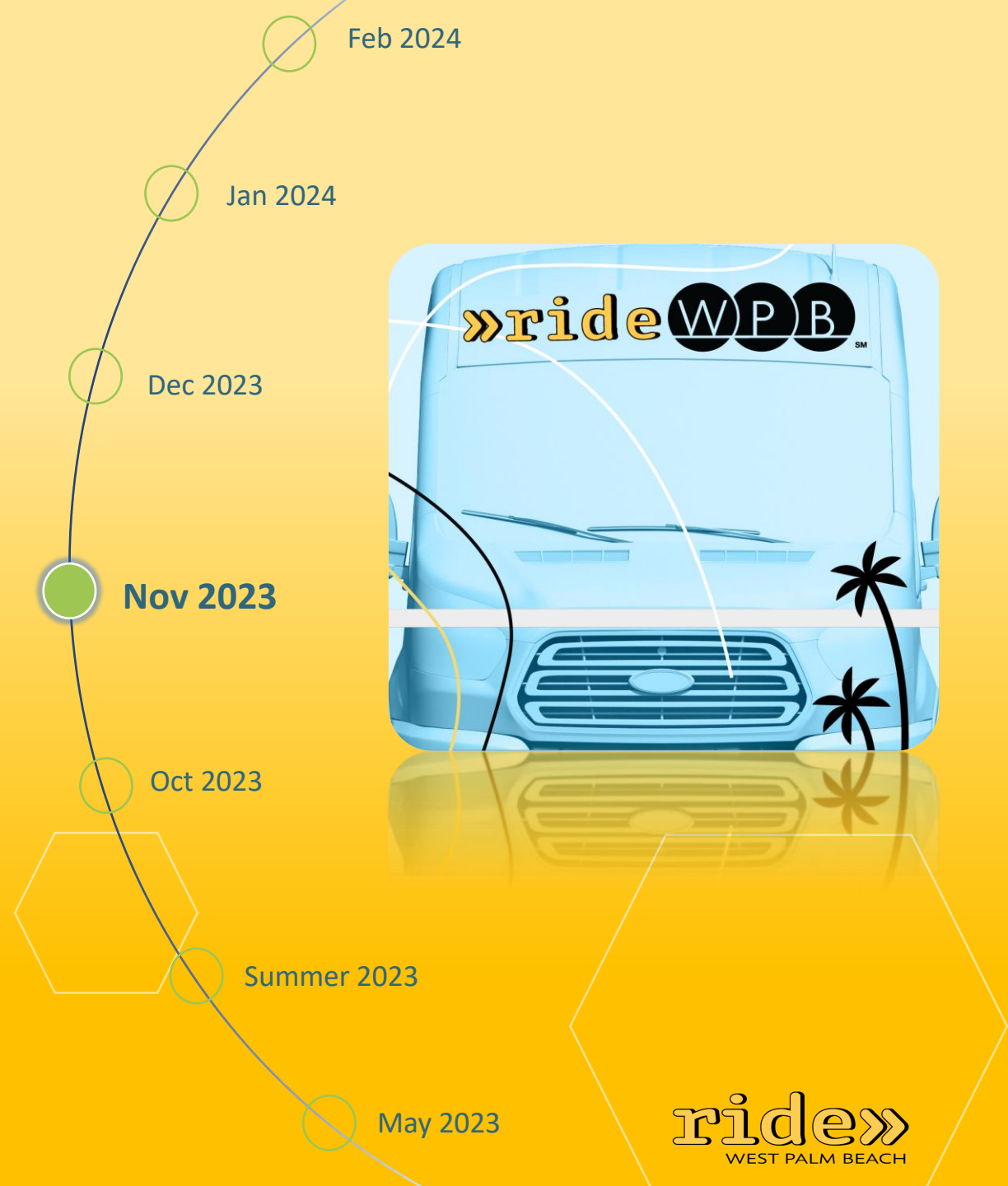
History

Visit EV shuttle manufacturer in Atlantic Beach, Florida

Interview existing customers

- Stuart, Fl
- Fort Pierce, Fl
- Port Deposit, MD
- Visit customer facilities

Implement fares to Palm Beach in response to community feedback



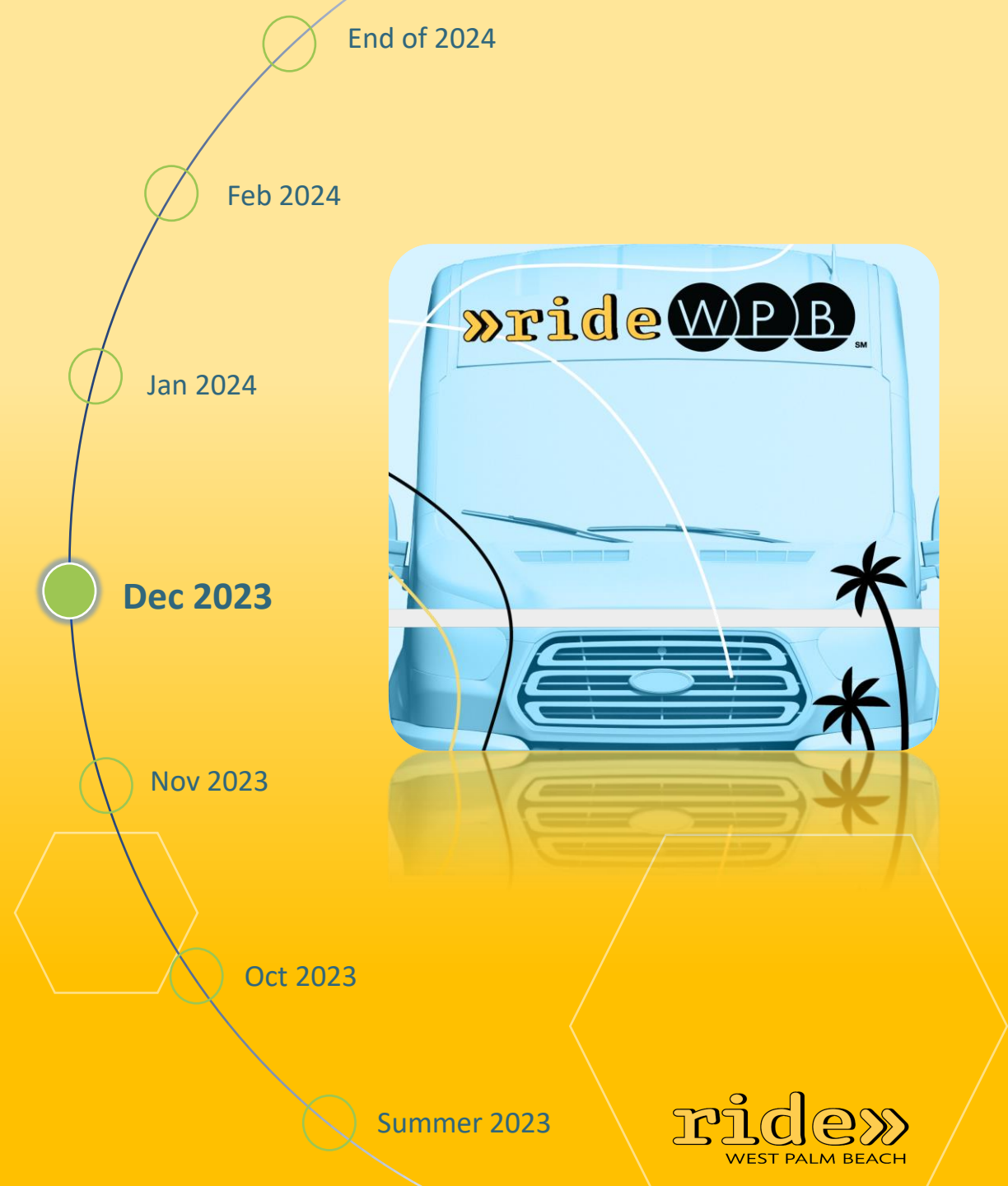
PROJECT BACKGROUND

History

Test vehicle options on proposed north/south shuttle route

- E-Bus
- E-Shuttle

Collect feedback from test ride participants



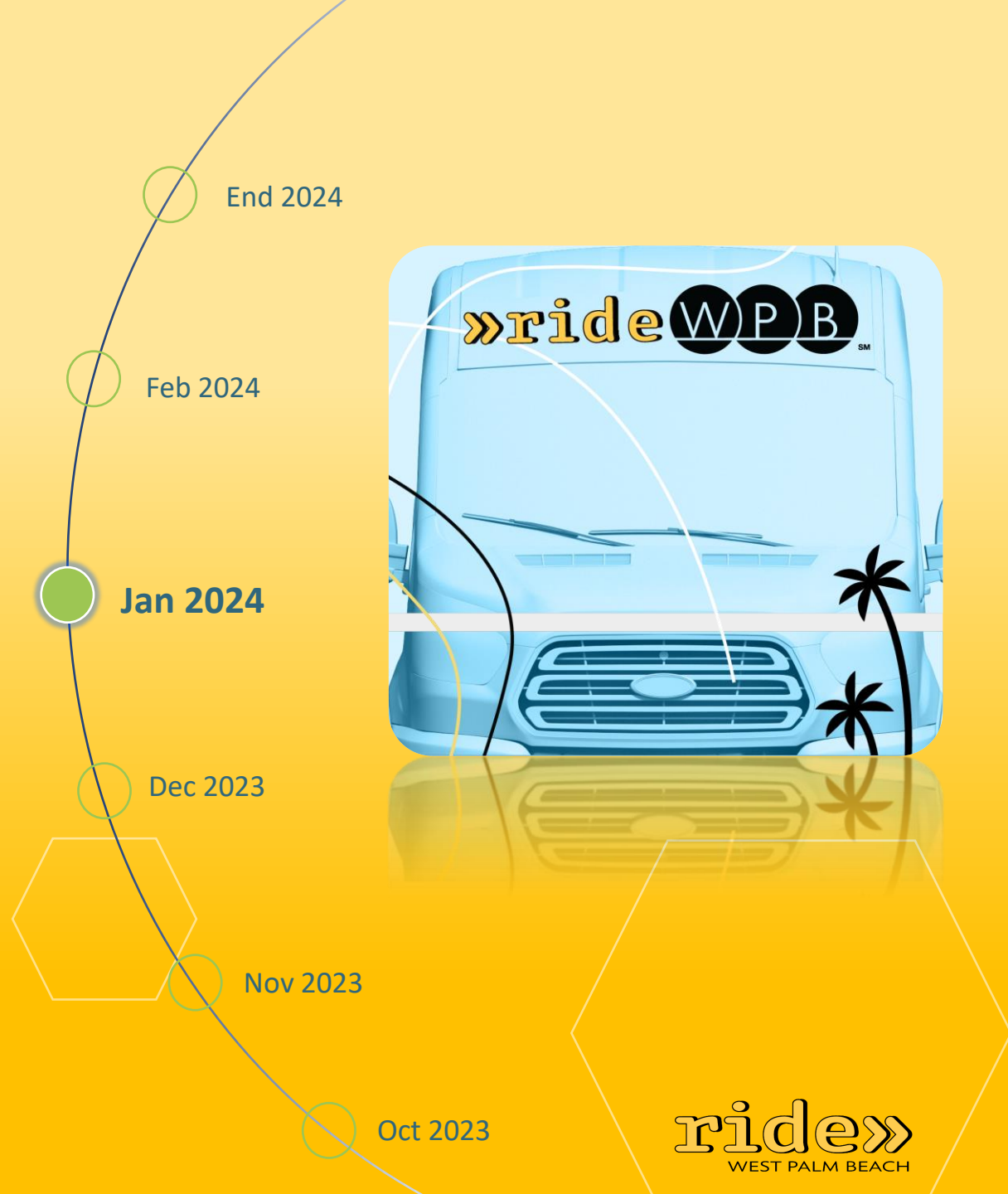
PROJECT BACKGROUND

Today

Four community engagement meetings

- January 13
- January 17
- January 18
- February 1

Collect feedback

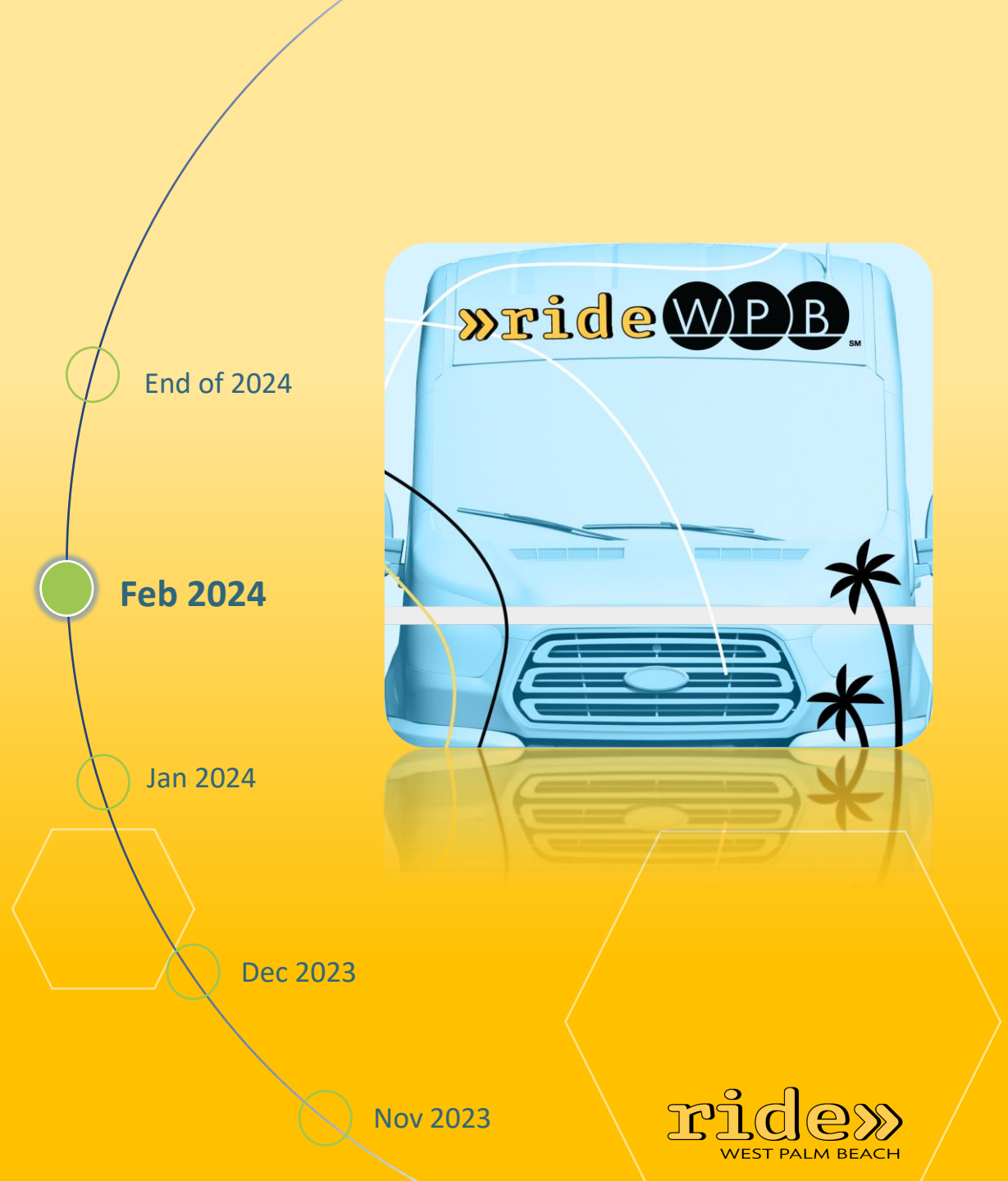


PROJECT BACKGROUND

Looking Ahead

Make recommendations to City Administration based on data and community feedback

- Service type
- Routes
- Vehicles



PROJECT BACKGROUND

Looking Ahead

Launch new premier transportation service

- Reflects community feedback and data
- Manages effects of growing population
 - Parking pressure
 - Congestion
 - Carbon emissions
- Serves residents, supporting workforce, customers
- Sustainable funding source

End of 2024

Feb 2024

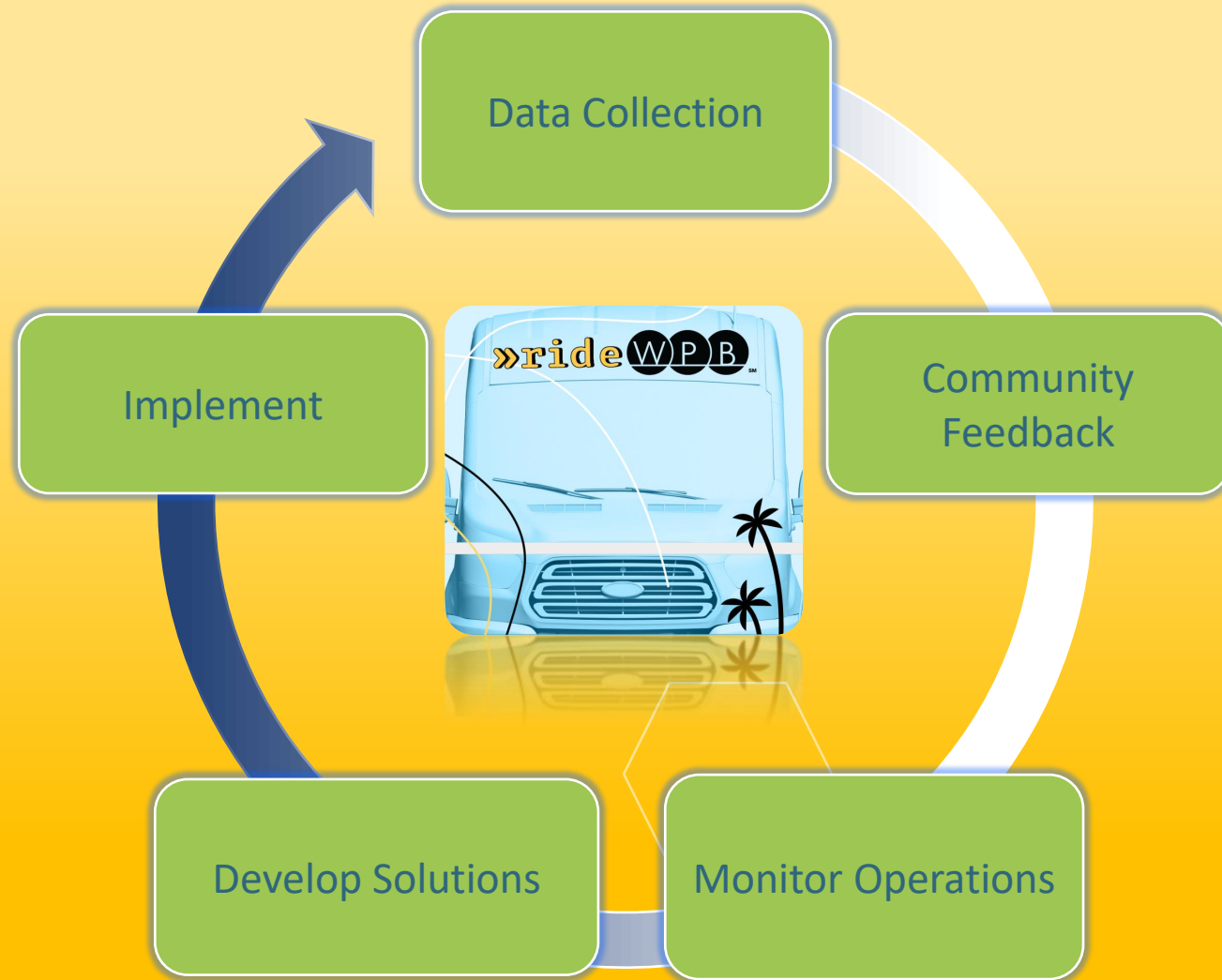
Jan 2024

Dec 2023



ride»
WEST PALM BEACH

PROJECT BACKGROUND



MOBILITY PLAN

The mobility plan outlines a way forward with attainable goals to improve overall mobility for downtown residents, employees, and visitors. When updated and implemented, the mobility plan will create these key outcomes:



Support growth in residents, employees, and visitors



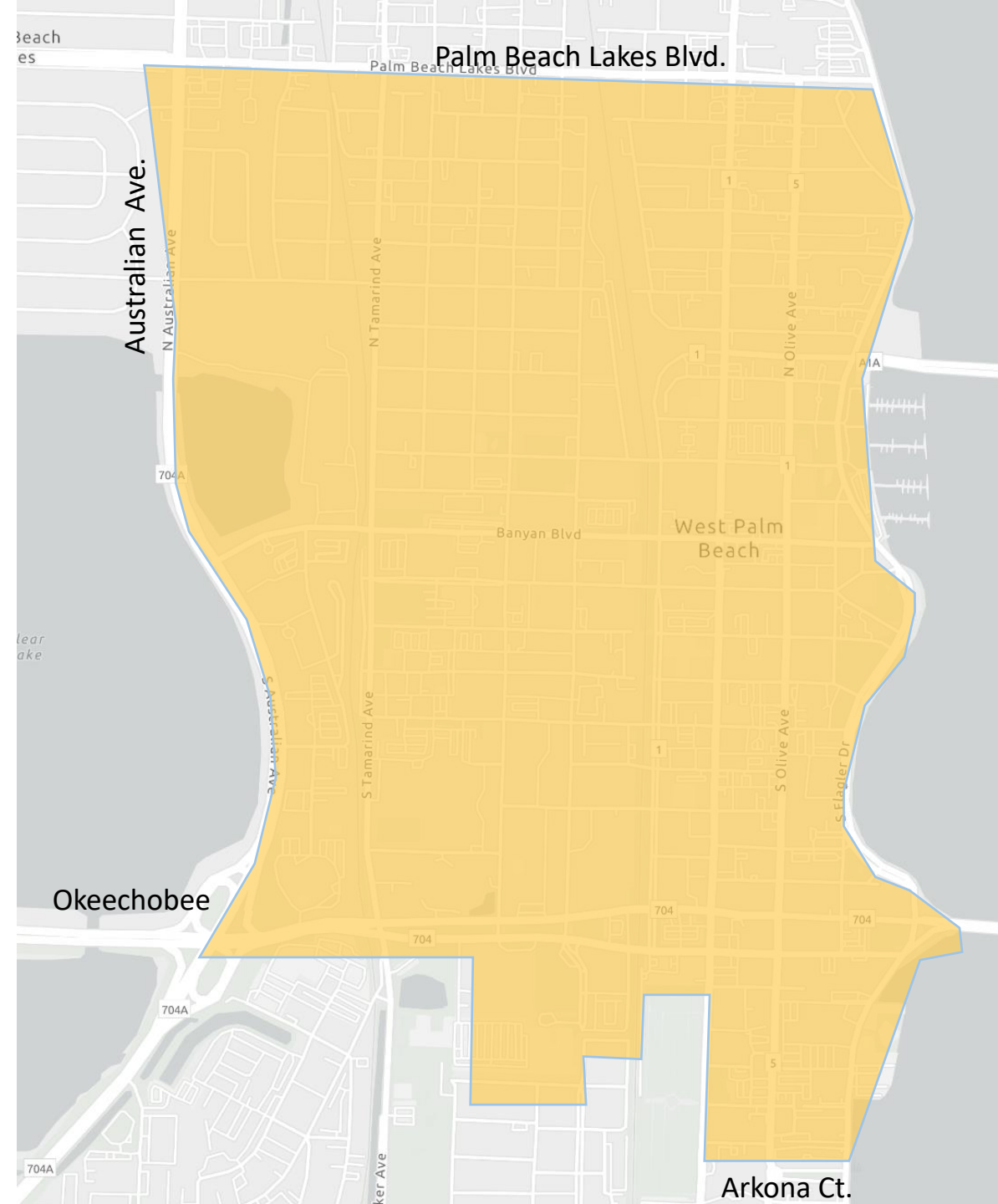
Provide predictable and reliable travel for all modes



Create safe streets for all ages, abilities, and modes of travel



Expand travel options for people traveling to, through, and around Downtown



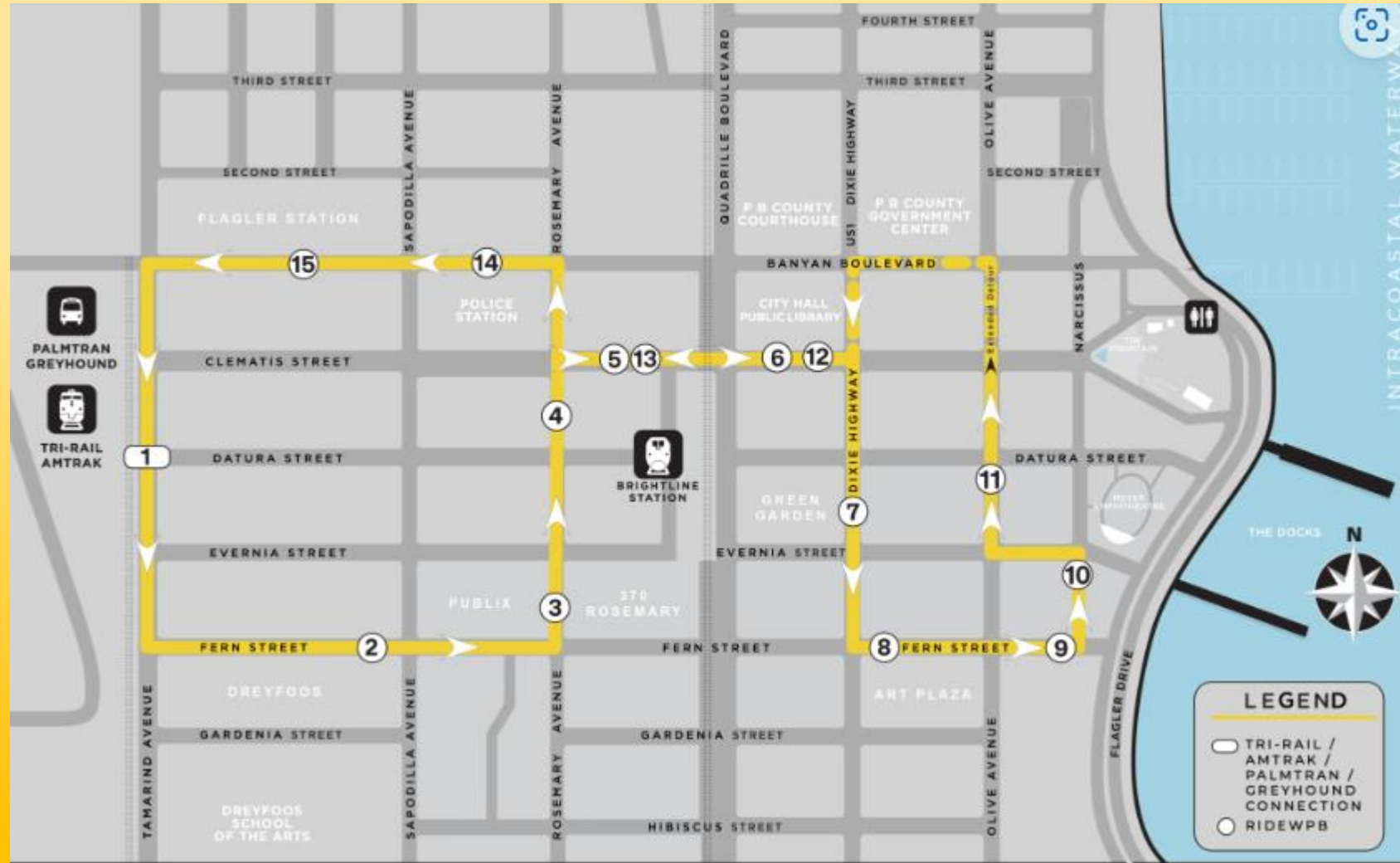
STOP GAP

- FIXED ROUTE



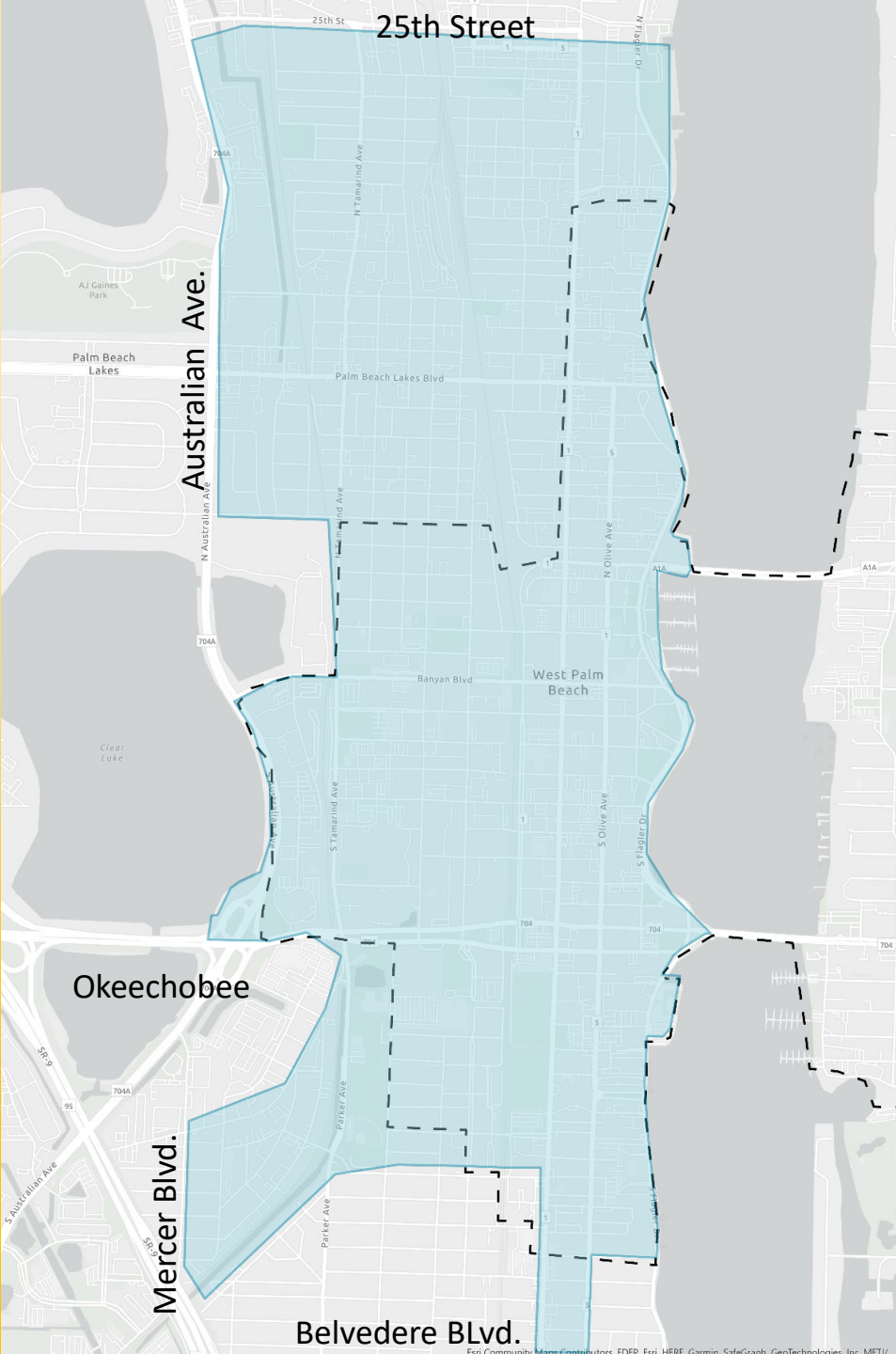
STOP GAP

- FIXED ROUTE
 - Mon - Fri: 7am-7pm
 - Sat-Sun: 9am-7pm



STOP GAP

- ON DEMAND



Esri Community Maps Contributors, FDEP, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc., MET

PROJECT APPROACH

Improve service quality and redefine routes along corridors with coverage beyond downtown to deliver a premier local transit service

Assumptions

Given changes in walkability and the addition of on-demand rideshare and bikeshare services downtown, the fixed-route system needs to change its strategic role and service goals

On-demand service would cover short-distance trips in downtown, while the revamped system would serve major corridors beyond downtown

City would procure new vehicles and potentially transition to a zero-emission fleet

Implement a fee

Pros

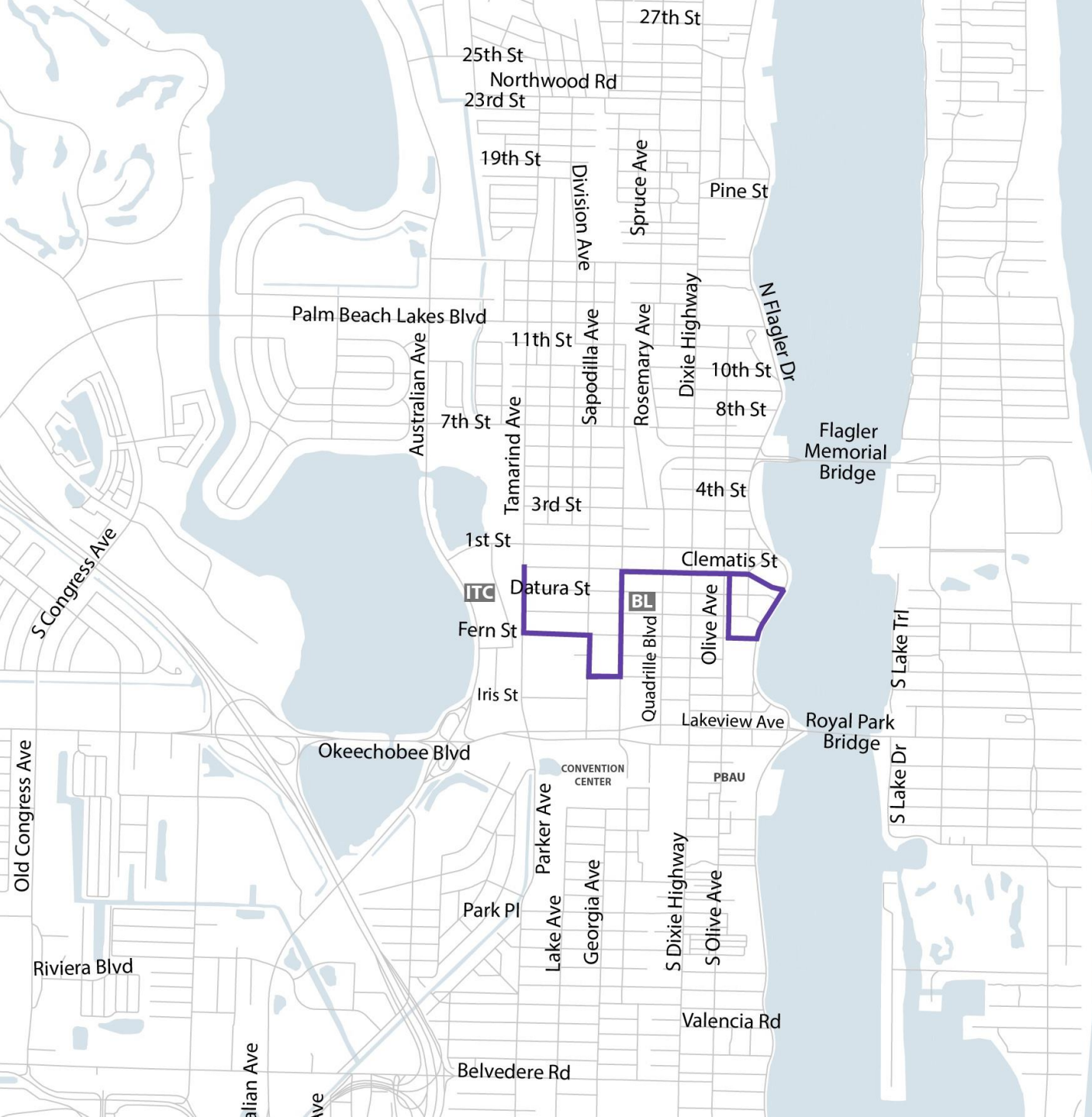
Reduces overlaps between the fixed-route system and Circuit, with defined, distinct markets for each

Serves more people and destinations, beyond Downtown

Cons

Fixed-route system would serve less walkable streets that may be less suitable for transit

May shrink on-demand coverage area



FUTURE OPTIONS

- DOWNTOWN CIRCULATOR
 - TriRail / ITC
 - Rosemary Square
 - Brightline station
 - Clematis Street and City Hall
 - Waterfront



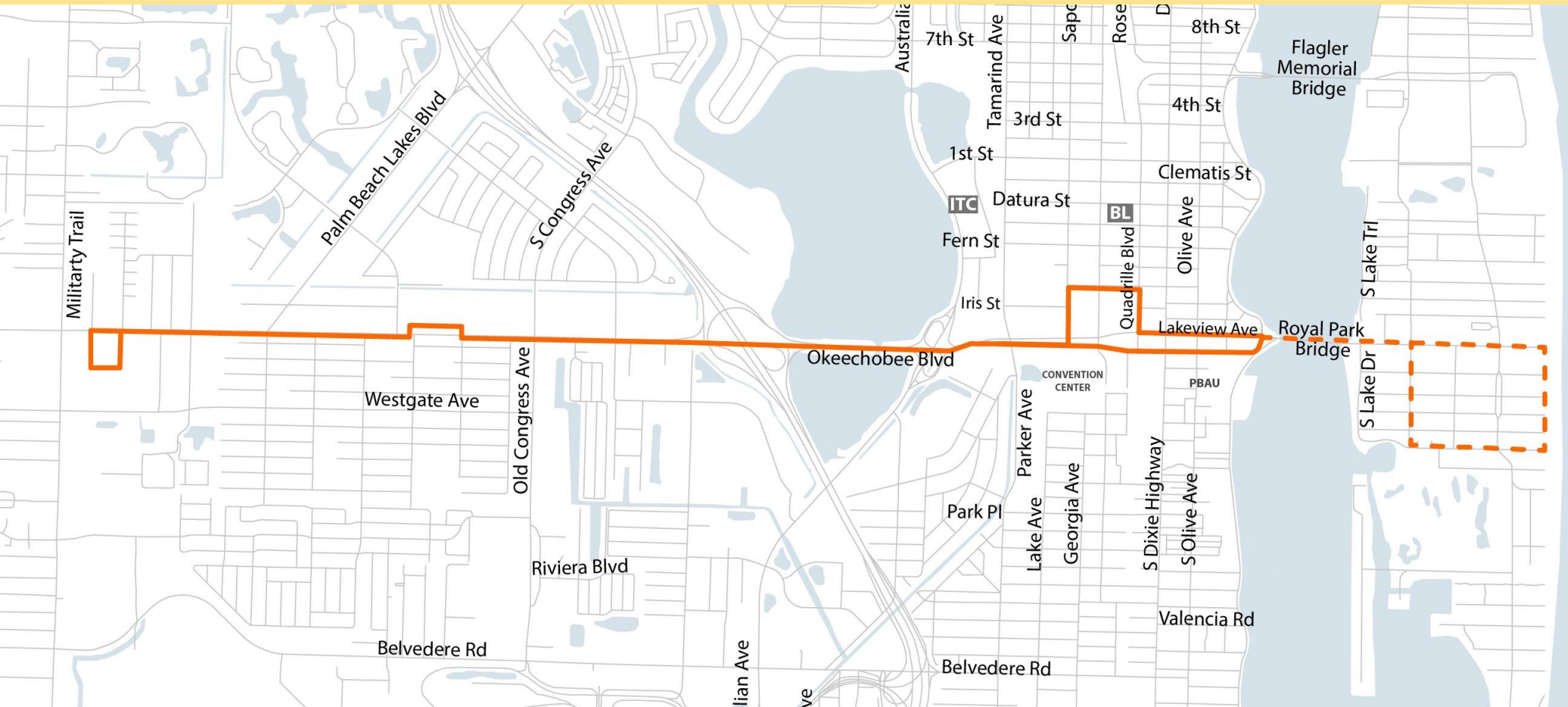
FUTURE OPTIONS

- DOWNTOWN ON-DEMAND
 - Palm Beach Lakes Drive
 - Park Place
 - Australian Avenue
 - Waterfront

FUTURE OPTIONS

- FIXED-ROUTE E/W

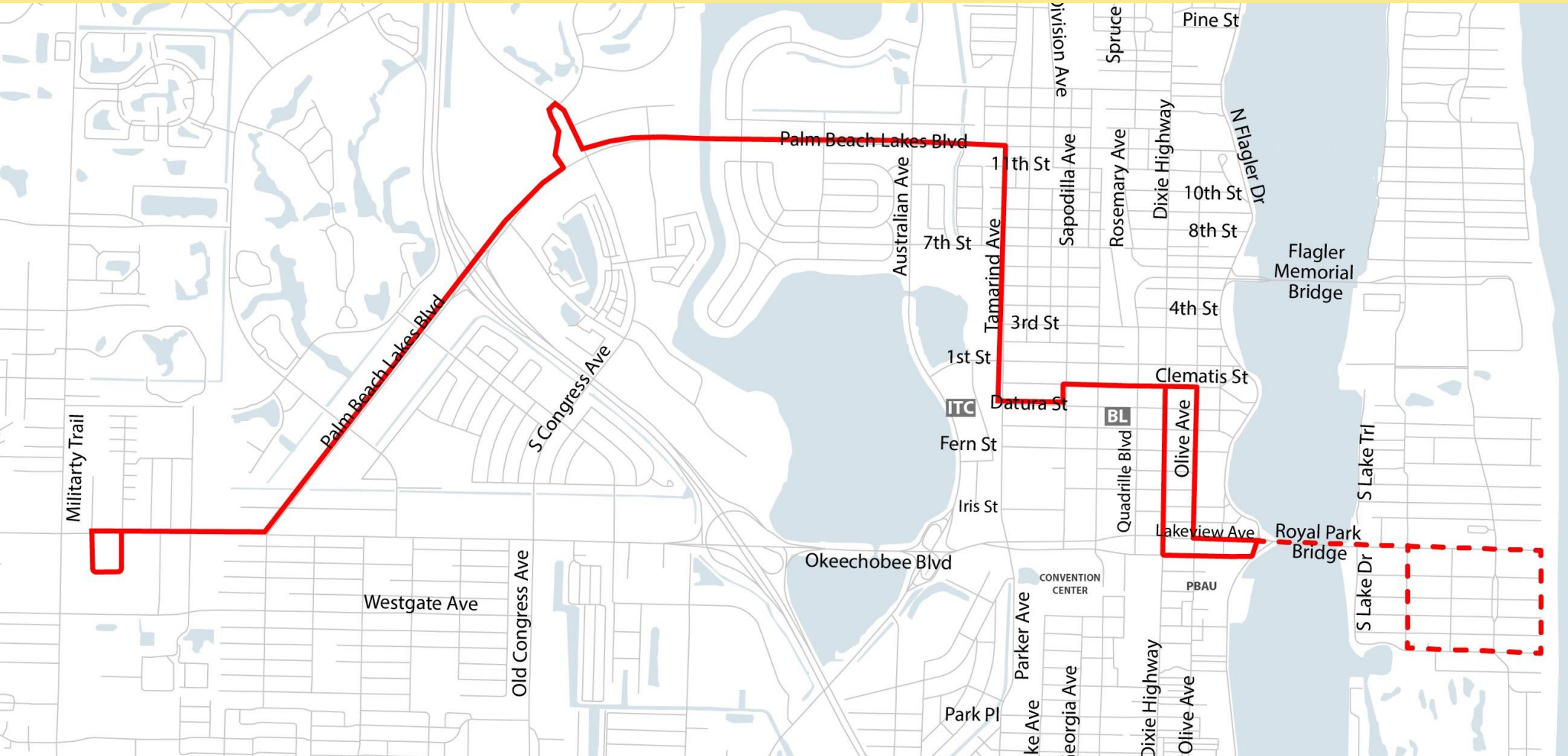
- PBAU
- Rosemary Square
- Convention Center
- Okeechobee Blvd
- Westward Mall (ALDI)
- Cross County Plaza
- Beach



FUTURE OPTIONS

- FIXED-ROUTE E/W

- Brightline
- Clematis Street
- TriRail / ITC
- PBAU
- Progressive Northwest
- Tanger Outlets
- Cross County Plaza
- Beach





FUTURE OPTIONS

- FIXED ROUTE N/S
 - Northwood Village
 - County Government Center
 - Clematis Street and City Hall
 - PBAU
 - Museum of Art
 - El Cid neighborhood
 - Belvedere Road Publix
- Provide service between Northwood Village, downtown, and Belvedere Road
- Could extend to 36th Street
- Provide scheduled, reliable service at 10-minute headways
- Real-time locations



FUTURE OPTIONS

- FARE IMPLEMENTATION
 - Low fare \$.50 - \$1.00
 - SFRTA offered Regional Fare Interoperability
 - Allows Broward County Transit, Miami-Dade Transit, Palm Tran and SFRTA to establish a fare interoperability program via mobile apps.
 - Users can pay with smartphone
 - Requires a point of sale for a card to meet federal requirements

WHY?

DEVELOPMENT

- APPROVED ●
- IN REVIEW ●

In 2022, there were 31,291 employees working in Downtown West Palm Beach. Between 2015 and 2022, the employment population in Downtown West Palm Beach increased by 39%

The demand for residential and commercial properties has never been greater
We are developing 2 million square feet of office space



Over the Past 10 years...



Population INCREASED by more than 17,000

Estimated population in West Palm Beach is increasing at a rate of.....

16+%

While the rate of growth for the U.S. is growing at.....

7%



01



E-Bus

- **E-Bus:** \$250,000.00
- **Range:** 130 Miles
- **Vehicles needed/10 min headways:** 11
- **Passengers:** 15
- **Windows:** Closed
- **AC:** Yes
- **Buy America Compliant:** No

02



E-Shuttle

- **E-Shuttle:** \$100,455.00
- **Range:** 75 Miles
- **Vehicles needed/10 min headways:** 20
- **Passengers:** 20
- **Windows:** Open Air with Rain Guard
- **AC:** Optional
- **Buy America Compliant:** Yes

THANK YOU

- JESSICA A. KELLER
MOBILITY & TRANSPORTATION MANAGER



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