

# City of Fort Pierce Parking Study Update

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**WALKER**  
CONSULTANTS

February 1, 2021



# OUR TEAM



Building Envelope  
Forensics & Restoration  
**Operations & Technology**  
Parking Design  
**Planning & Mobility**



**Jim Corbett, CAPP**  
Director of Planning



**Tom Szubka, CAPP, CPP**  
Senior Consultant



**Bobby Mordenti, M.U.D**  
Analyst

# STUDY METRICS



## AMOUNT OF ON-STREET PARKING

497 Spaces



## AMOUNT OF OFF-STREET PARKING

1,537 Spaces



## TOTAL AMOUNT OF PARKING

2,034 Spaces



## POTENTIAL and COMMUNITY PARTNER PARKING INVENTORY

187

St. Lucie County Parking Facility

169

St. Andrews Episcopal Academy / Notre Dame Mission Catholic Church



## City Opportunities

317

Un-marked Lots 10, 11,12

82

Marina Square reconfiguration



## Stakeholder Meetings

City Engineer  
Deputy Police Chief  
Lincoln Park Mainstreet  
Downtown Business Association  
Fort Pierce South Beach Association  
Main Street of Fort Pierce  
Audubon Development (Kings Landing)

694

Proposed Paid Parking spaces  
available within 800-foot walk of  
Downtown Core  
< 3 minutes

465

Underutilized parking inventory proposed  
at no cost to customers when paid  
parking is implemented.

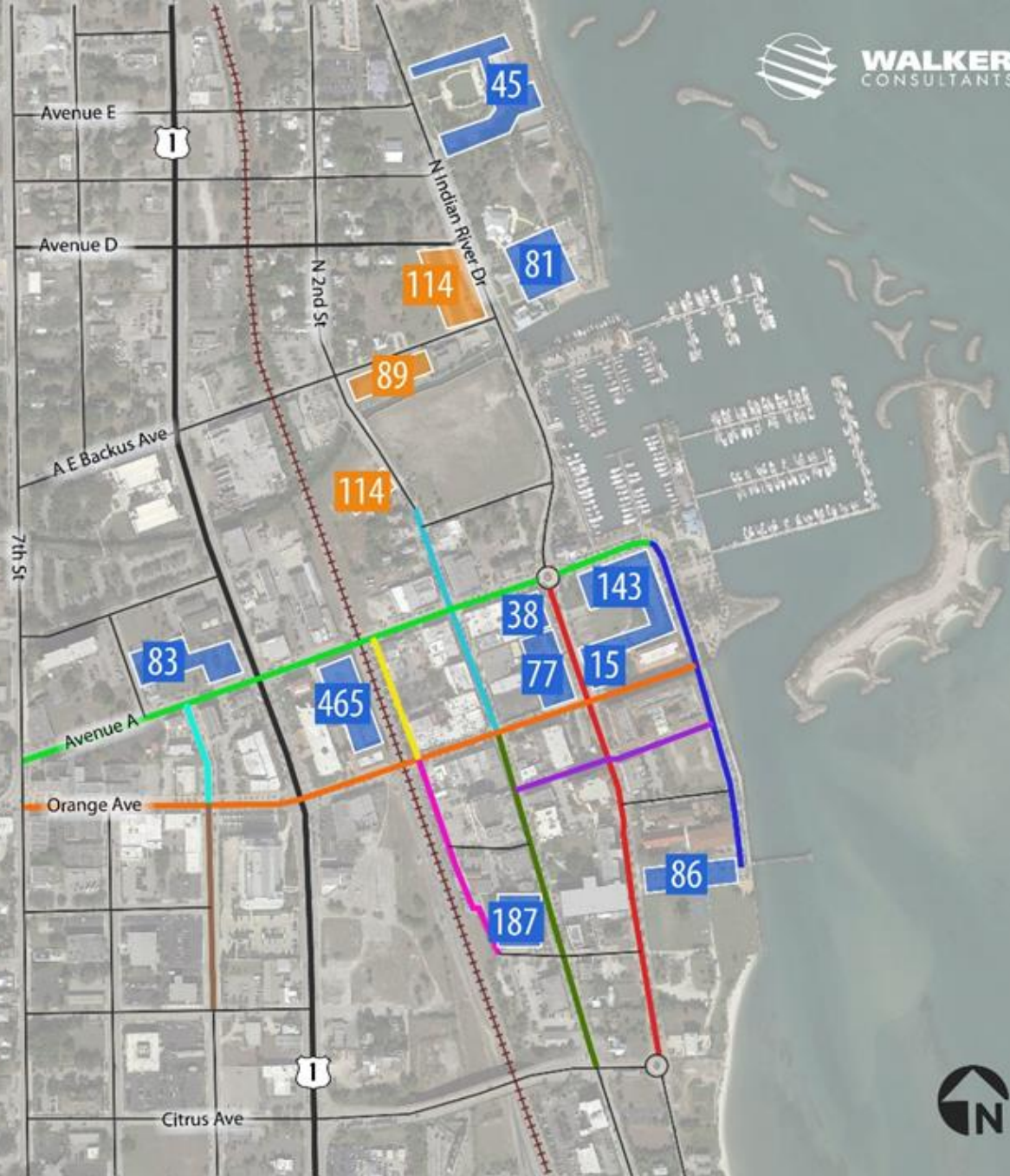
< 3-minute walk of downtown core

# Downtown Parking Inventory

## LEGEND

- XX Off-Street Public Parking Facility Total
- XX Estimated Off-Street Public Parking Facility Total

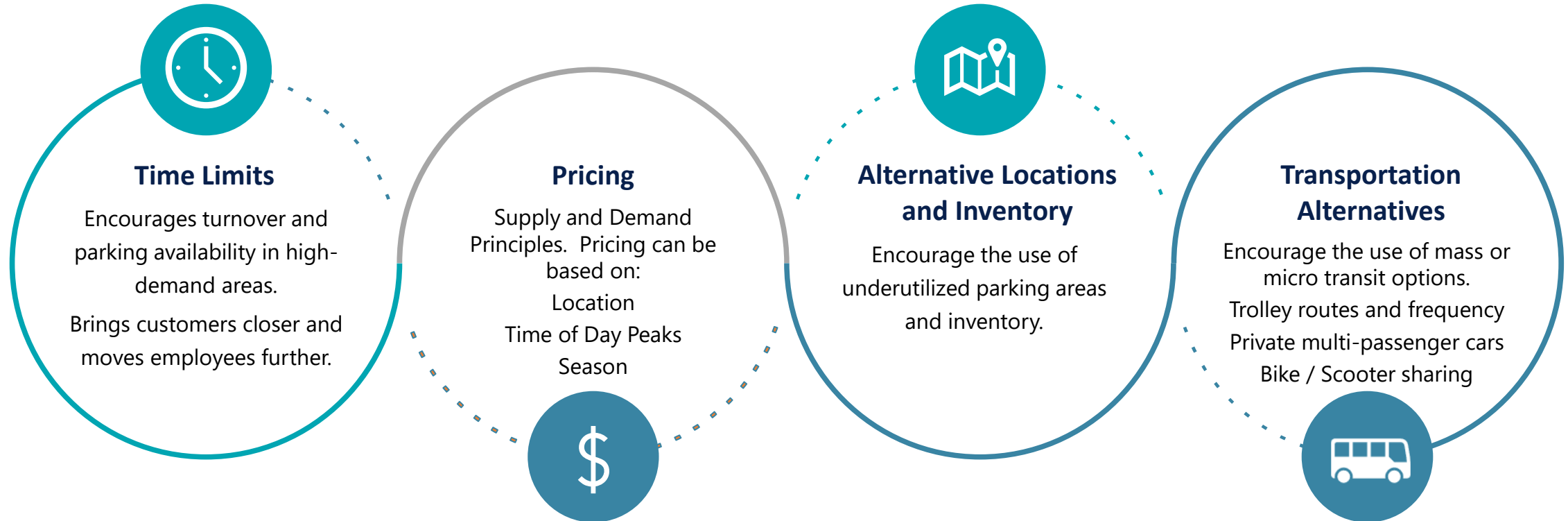
ON-STREET PARKING	INVENTORY
<span style="color: red;">—</span> Indian River Drive	39
<span style="color: green;">—</span> South 2nd Street	51
<span style="color: cyan;">—</span> North 2nd Street	48
<span style="color: blue;">—</span> Melody Lane	69
<span style="color: purple;">—</span> Atlantic Avenue	21
<span style="color: orange;">—</span> Orange Avenue	74
<span style="color: yellow;">—</span> North Depot Drive	35
<span style="color: magenta;">—</span> South Depot Drive	40
<span style="color: green;">—</span> Avenue A	73
<span style="color: cyan;">—</span> North 5th Street	17
<span style="color: brown;">—</span> South 5th Street	30
<b>TOTAL</b>	<b>497</b>



# INVENTORY

# TRANSPORTATION DEMAND MANAGEMENT

The application of strategies and policies to reduce travel demand or redistribute the demand with the existing space and time of day.



# RECOMMENDATIONS



## Paid Parking Program

Hourly Parking at LOS zones A & B  
Rates set for 15% availability.  
On-street premium vs off-street  
Hours of Operation 6-8  
Ordinance flexibility with increase fine rates.  
Communication Program.



## City Hall Garage

Employee Parking Program  
Jury Overflow Parking



## Parking Districts

Adjust in-lieu payment program (Lincoln Park)  
Strategic land acquisition for parking inventory  
(Lincoln Park)  
Partner with existing business owners to  
supplement inventory (Peacock Arts)



## Technology

License Plate as a credential  
Multi-space kiosks combined with mobile  
solutions  
Permit and enforcement solution



## Beach District Paid Parking Program

Parking fees for non-resident visitors  
Resident Beach Parking Program



## Third Party Management Contract

Dedicated resource for the parking system



## Inventory

Reconfigure Marina Square  
P3 Lot 12 (Kings Landing Development)



## Paid Parking Program

## Downtown Level of Service (LOS)

### LEGEND

 Off-Street Public Parking Facilities within LOS Area

### Level of Service (LOS)

-  **A** LOS A - 400' Walking Radius (≈ 1 min 30 sec)
-  **B** LOS B - 800' Walking Radius (≈ 3 min)
-  **C** LOS C - 1,200' Walking Radius (≈ 4 min 30 sec)

Average Walker Speed: 3.1 mph (4.6 ft/s)

### Level of Service Parking Inventory Totals

LOS	Off-Street	On-Street	Total
A	92	115	<b>207</b>
B	919	306	<b>1,225</b>
C	197	29	<b>226</b>
<b>Total</b>	<b>1,208</b>	<b>450</b>	<b>1,658</b>



# LEVEL OF SERVICE

# Downtown Paid Parking Zone

## LEGEND

- Off-Street Public Parking Facilities
- On-Street Parking

### Paid Parking Zone Inventory Totals

Off-Street	On-Street	Total
273	421	<b>694</b>

### Level of Service (LOS)

- **A** LOS A - **400'** Walking Radius (≈ 1 min 30 sec)
- **B** LOS B - **800'** Walking Radius (≈ 3 min)
- **C** LOS C - **1,200'** Walking Radius (≈ 4 min 30 sec)

Average Walker Speed: 3.1 mph (4.6 ft/s)



# PAID PARKING

# Employee Parking Zone

## LEGEND

- Off-Street Public Parking Facilities
- On-Street Parking

### Employee Parking Zone Inventory Totals

Off-Street Total	<b>782</b>
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### Level of Service (LOS)

- **A** LOS A - **400'** Walking Radius (≈ 1 min 30 sec)
- **B** LOS B - **800'** Walking Radius (≈ 3 min)
- **C** LOS C - **1,200'** Walking Radius (≈ 4 min 30 sec)


Average Walker Speed: 3.1 mph (4.6 ft/s)




# EMPLOYEE PARKING


# King's Landing Level of Service (LOS)


## LEGEND

 Off-Street Public Parking Facilities within LOS Area

## Level of Service (LOS)

 **A** LOS A - 400' Walking Radius (≈ 1 min 30 sec)

 **B** LOS B - 800' Walking Radius (≈ 3 min)

 **C** LOS C - 1,200' Walking Radius (≈ 4 min 30 sec)

Average Walker Speed: 3.1 mph (4.6 ft/s)

## King's Landing

### Level of Service Parking Inventory Totals

LOS	Off-Street	On-Street	Total
A	203	0	<b>89</b>
B	233	25	<b>258</b>
C	828	15	<b>843</b>
<b>Total</b>	<b>1,264</b>	<b>40</b>	<b>1,190</b>

## Downtown

### Level of Service Parking Inventory Totals

LOS	Off-Street	On-Street	Total
A	92	115	<b>207</b>
B	919	306	<b>1,225</b>
C	197	29	<b>226</b>
<b>Total</b>	<b>1,208</b>	<b>450</b>	<b>1,658</b>



# KINGS LANDING EFFECT



Next Steps

# IMMEDIATE ACTION ITEMS ( 3 TO 6 MONTHS )



# SHORT-TERM ACTION ITEMS ( 6 TO 12 MONTHS )

## Payment Platforms

**RFP for multi-space meters and mobile payment vendors and locate areas for implementation.**



## Parking Operator

**Review RFP for parking management contract.**

**Train ambassadors.**

**Implement paid parking for larger events.**

## Communications

**Informational Website  
Showcase technologies**

**Public and Media  
Outreach**

**Develop informational  
collateral**

**Finalize parking signage  
and begin installation**

## Permit and Enforcement Solutions

**Using the parking management contract, pursue an online permit and enforcement management system**



# MID-TERM ACTION ITEMS ( 12 TO 24 MONTHS )



## OCCUPANCY EVALUATION

Re-evaluate parking occupancy with paid parking in place. Occupancy should be more evenly spread out to promote 15% availability.



## PROGRAM EXPANSION

Consider expanding the paid parking program to on-street and off-street areas where new development has occurred.



## PARKING INVENTORY EVALUATION

Continue to monitor the parking demand with a focus on adding additional inventory as needed.

# LONG-TERM ACTION ITEMS

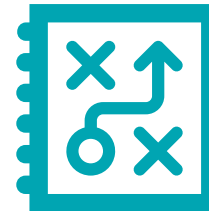
## Partnerships

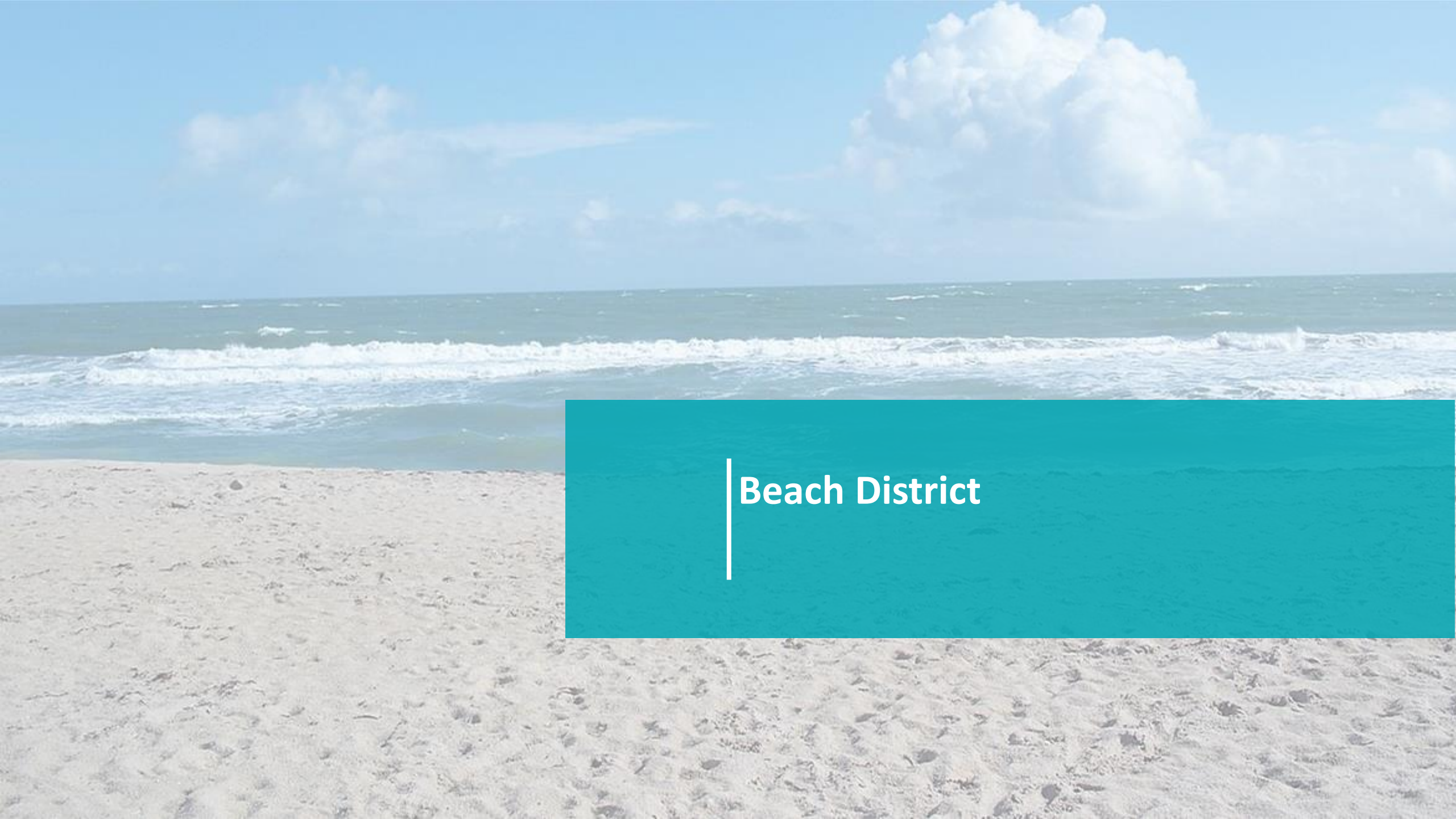
**Continue to seek private development that includes adding public parking within the core area if that has not yet occurred.**



## Parking Management Plan

**Review and revise the parking management plan to meet the community needs.**





**Beach District**

## Targeted Areas for Paid Parking

BEACH ACCESS  
PAID PARKING

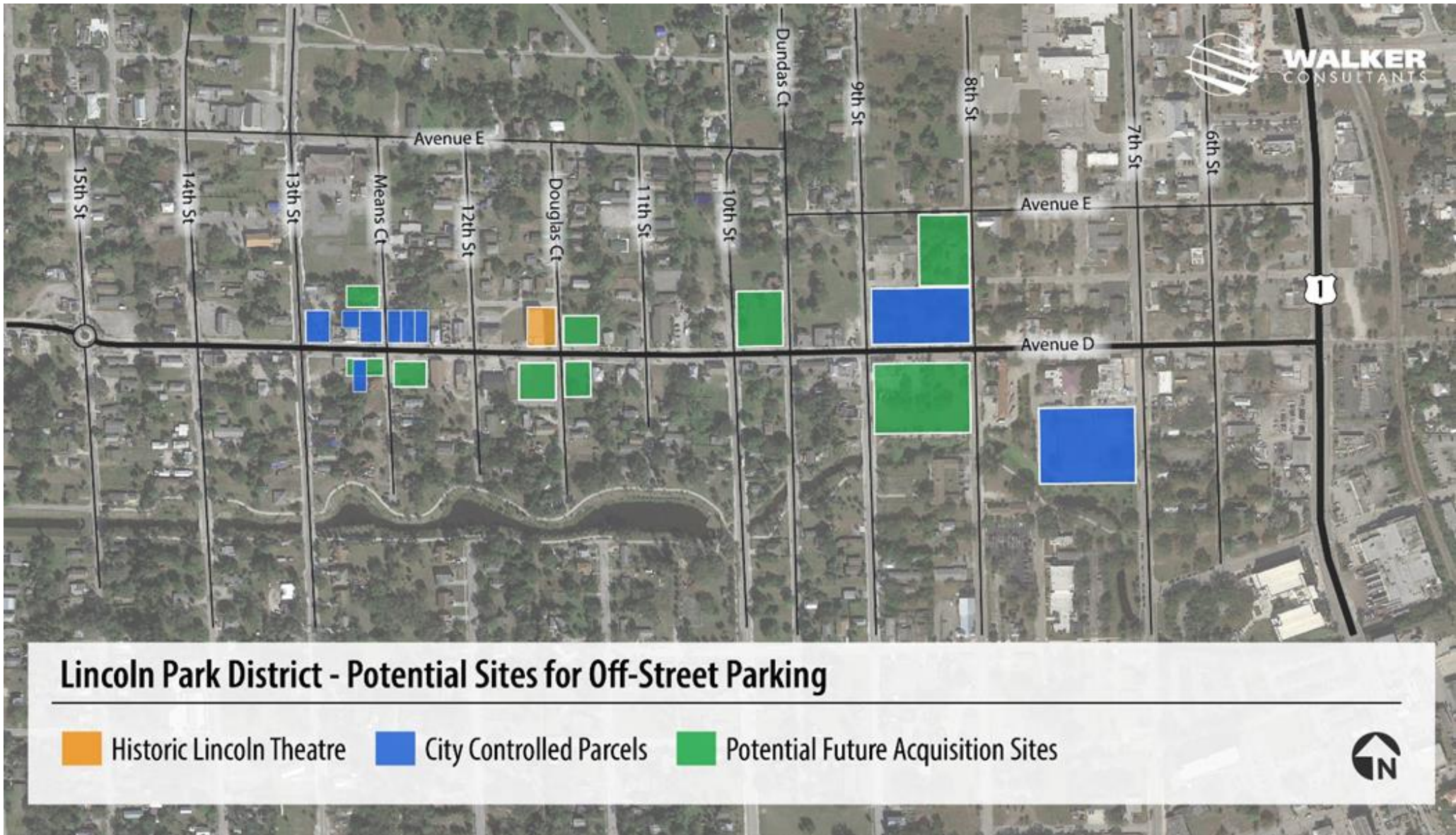
RESIDENT BEACH  
PARKING  
PROGRAM





Lincoln Park District

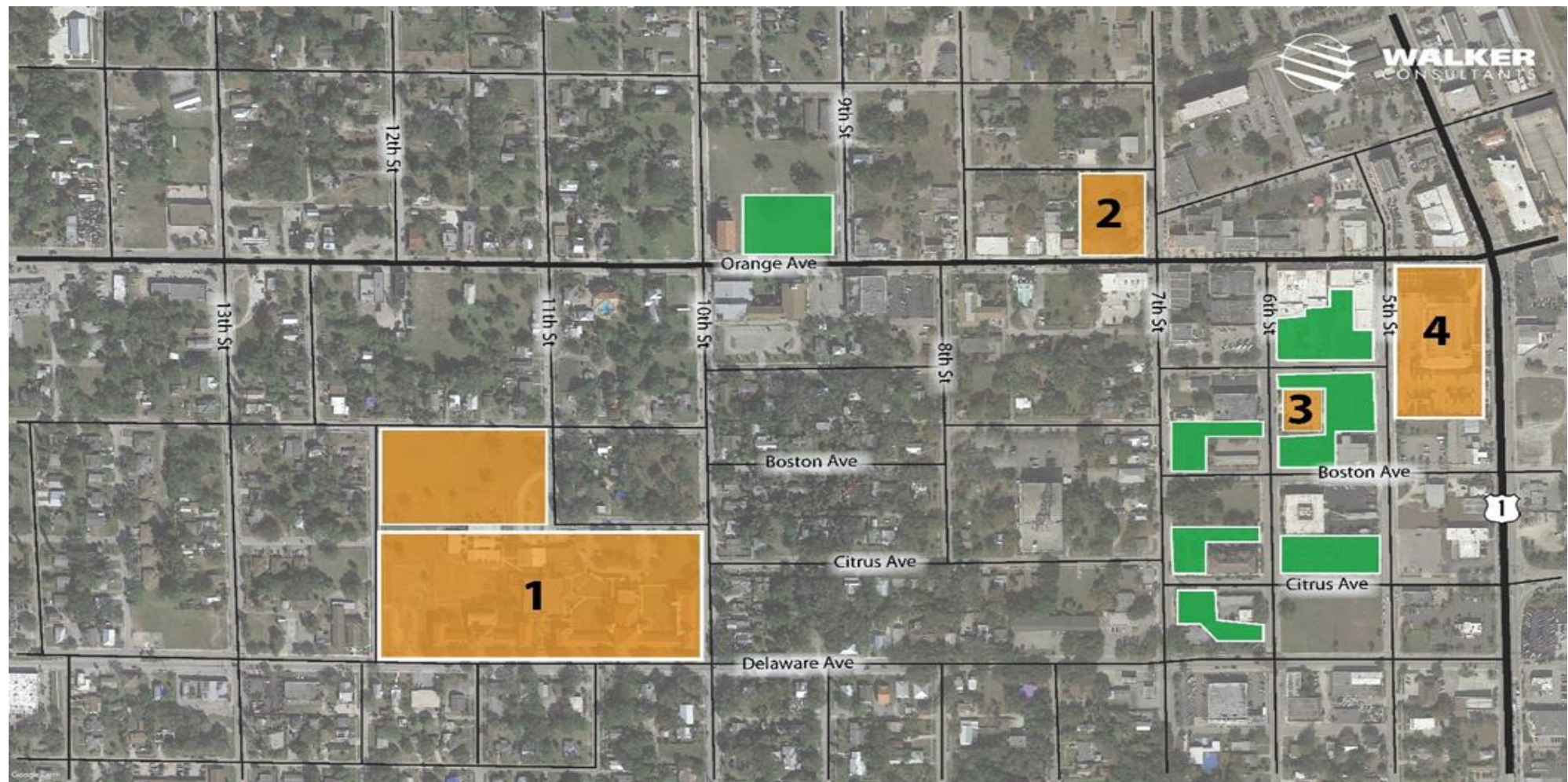
# POTENTIAL PARKING SITES





## Peacock Arts District

# PARTNERSHIP OPPORTUNITIES



## Peacock Arts District - Potential Shared Parking Sites

- Peacock Arts District Landmarks
- 1. CAST - Creative Arts Academy of St. Lucie
- 2. Botanical Sanctuary (home of the Peacocks)
- 3. Fort Pierce Utilities Authority
- 4. Federal Courthouse

Potential Shared Parking Sites



# Discussion

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