



WALKER
CONSULTANTS

Parking Committee Meeting

Parking Program Design
City of Fort Pierce, FL

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

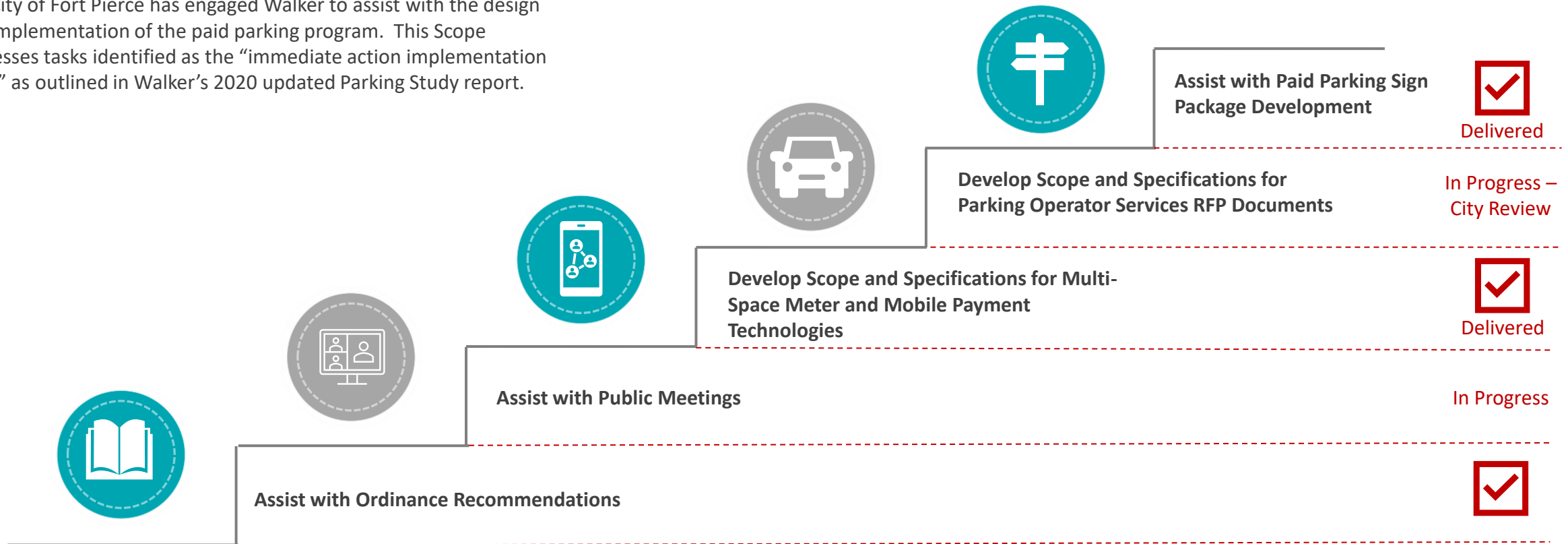
IMMEDIATE ACTION ITEMS (3 TO 6 MONTHS)



SCOPE OF WORK

Design of Paid Parking Program

The City of Fort Pierce has engaged Walker to assist with the design and implementation of the paid parking program. This Scope addresses tasks identified as the “immediate action implementation steps” as outlined in Walker’s 2020 updated Parking Study report.



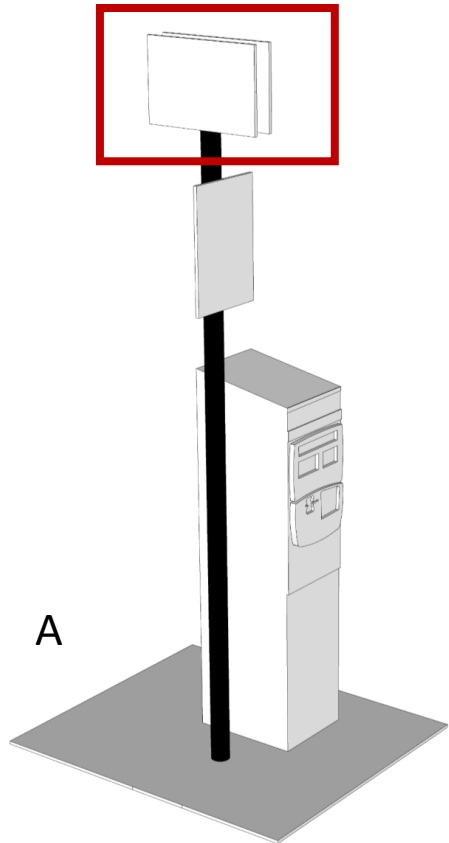


Multi-Space Meter Sign Design

SIGN TYPES FOR MULTI-SPACE METERS

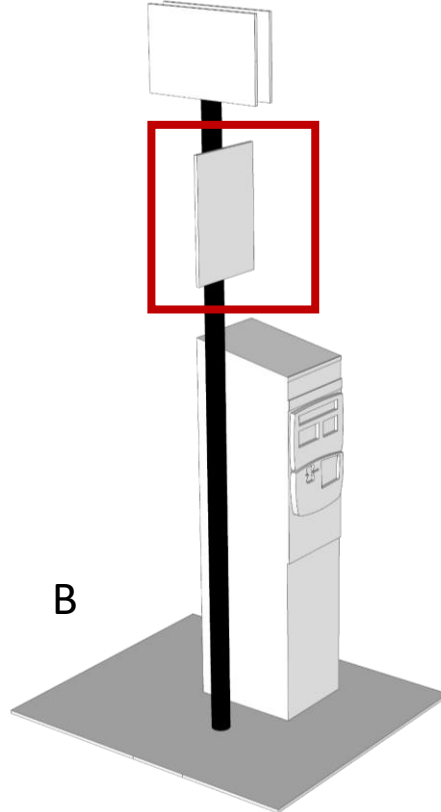
Identification Sign (A)

This sign indicates where the multi-space meter is on the street to help guide parkers to the meter machine after they park.



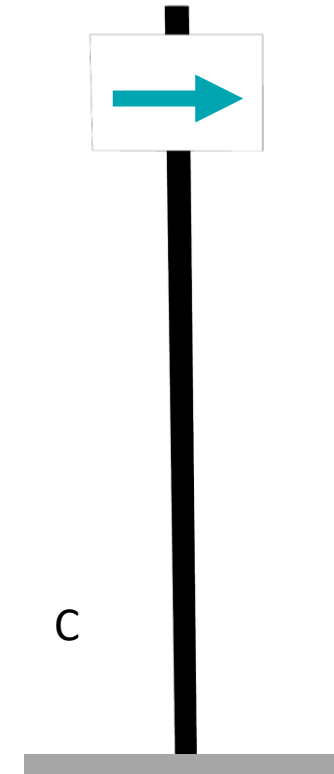
Instructional Sign (B)

This sign provides instructions for people paying to park using the multi-space meter.

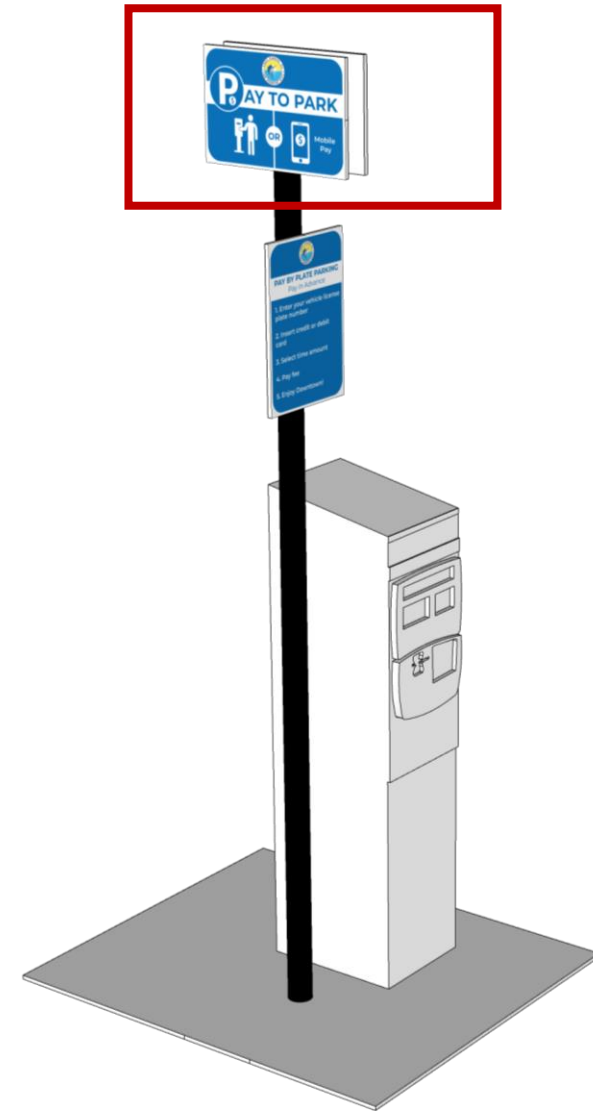


Directional Sign (C)

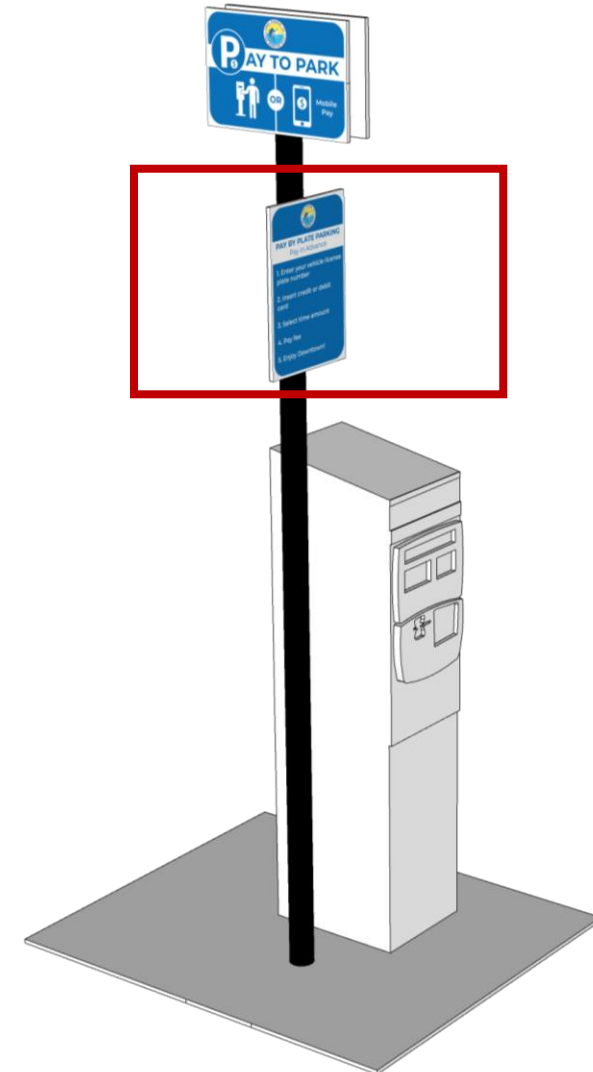
This sign provides directions to the multi-space meter and additional information for mobile pay.



MULTI-SPACE METER IDENTIFICATION SIGN



MULTI-SPACE METER INSTRUCTIONAL SIGN



BEFORE AND AFTER

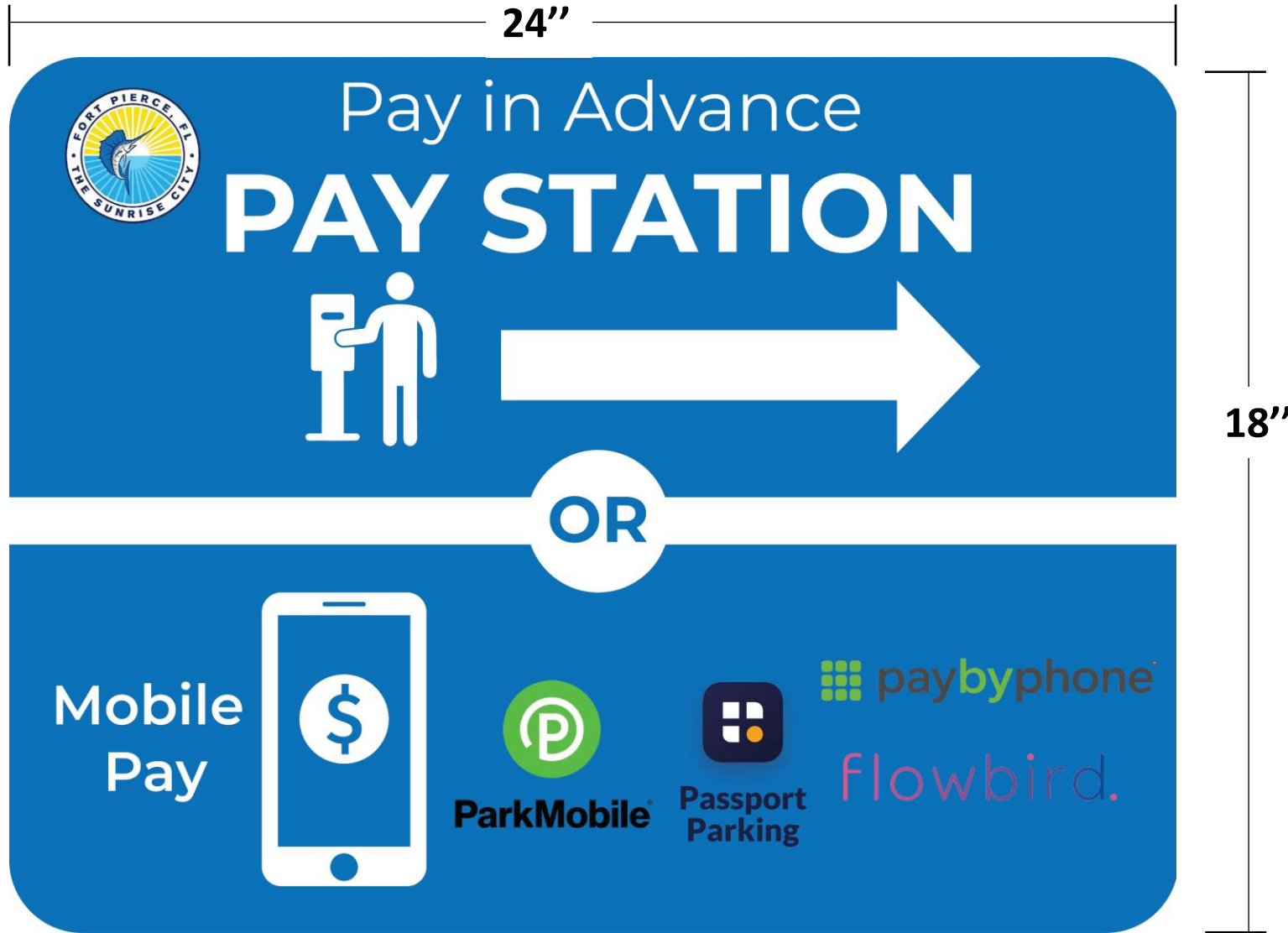
Before



After



MULTI-SPACE METER DIRECTIONAL SIGN

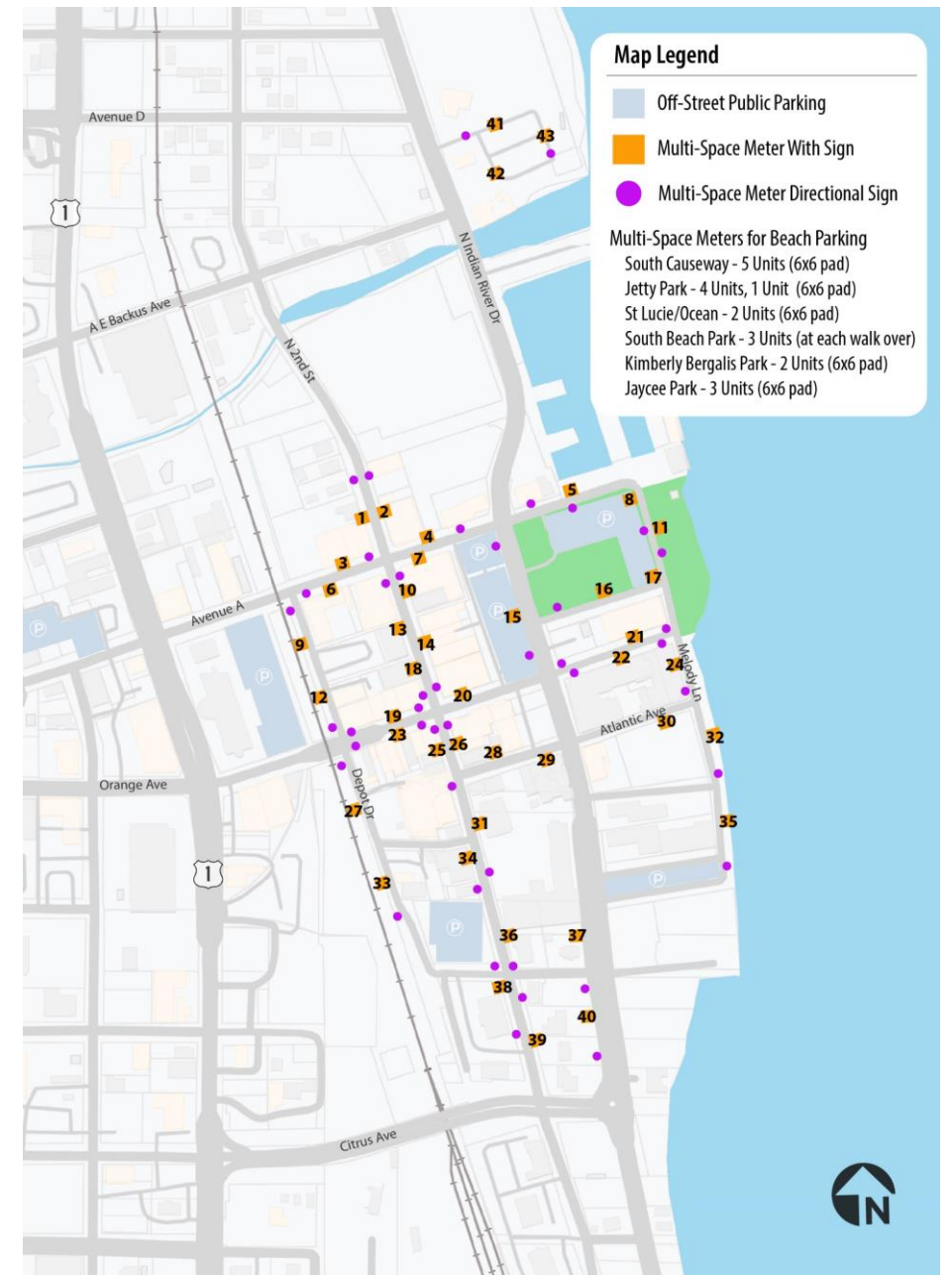


BEFORE AND AFTER



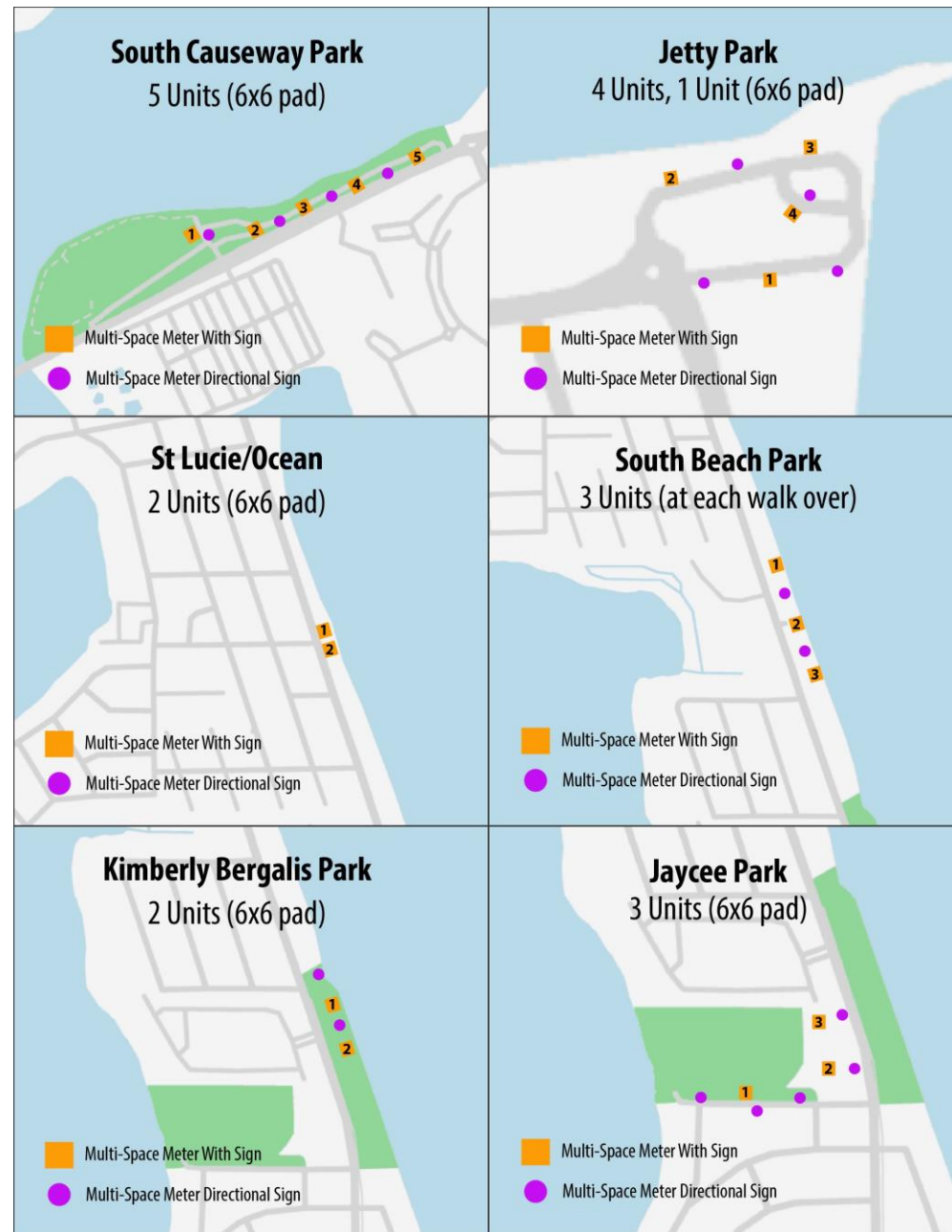
DOWNTOWN SIGN LOCATIONS

- Total of **43** Multi-Space Meters (shown in orange)
- Total of **42** Directional Signs downtown (shown in purple)



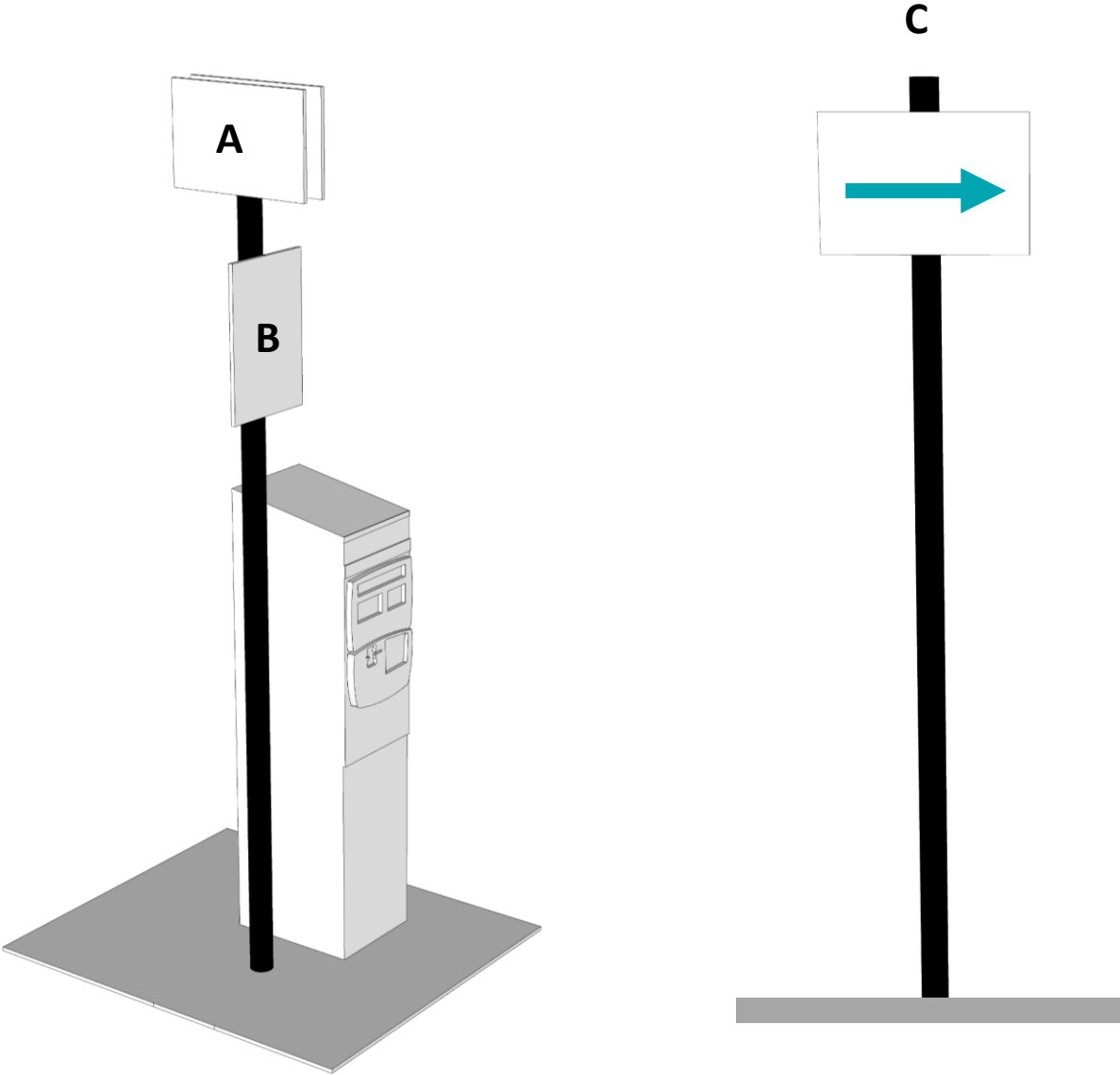
BEACH SIGN LOCATIONS

- Total of **19** Multi-Space Meters for beach parking
- Total of **17** Directional Signs for beach parking



SIGN TOTALS

Sign Type	Total (including Beach Parking)
Identification Signs (A)	62
Instructional Signs (B)	62
Directional Signs (C)	59
TOTAL	183





Technology

TECHNOLOGY - METHOD

License Plate as a Credential

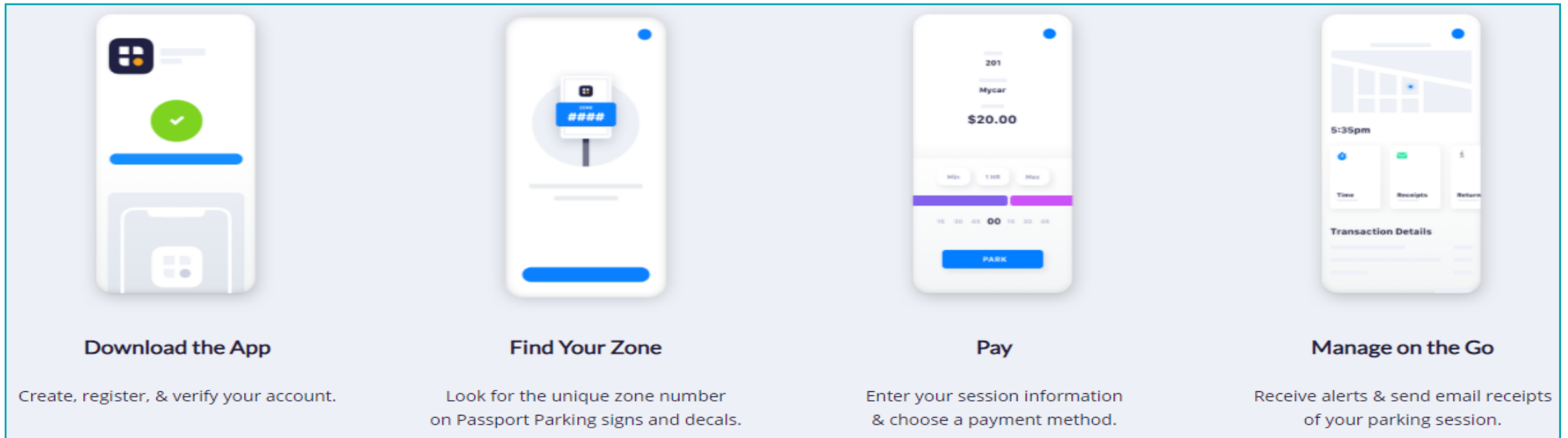
This requires the customer to identify their license plate during the transaction process to identify the vehicle status in the system. Enforcement officers will check license plates on each vehicle against a real-time database to determine the status validity in the system. Vehicles that are not valid may be issued a citation



TECHNOLOGY – REVENUE COLLECTION

Mobile Payment

The City will contract with a mobile app payment solution. Customers create an account, that identifies their vehicle license plate in advance along with payment information.



TECHNOLOGY – REVENUE COLLECTION

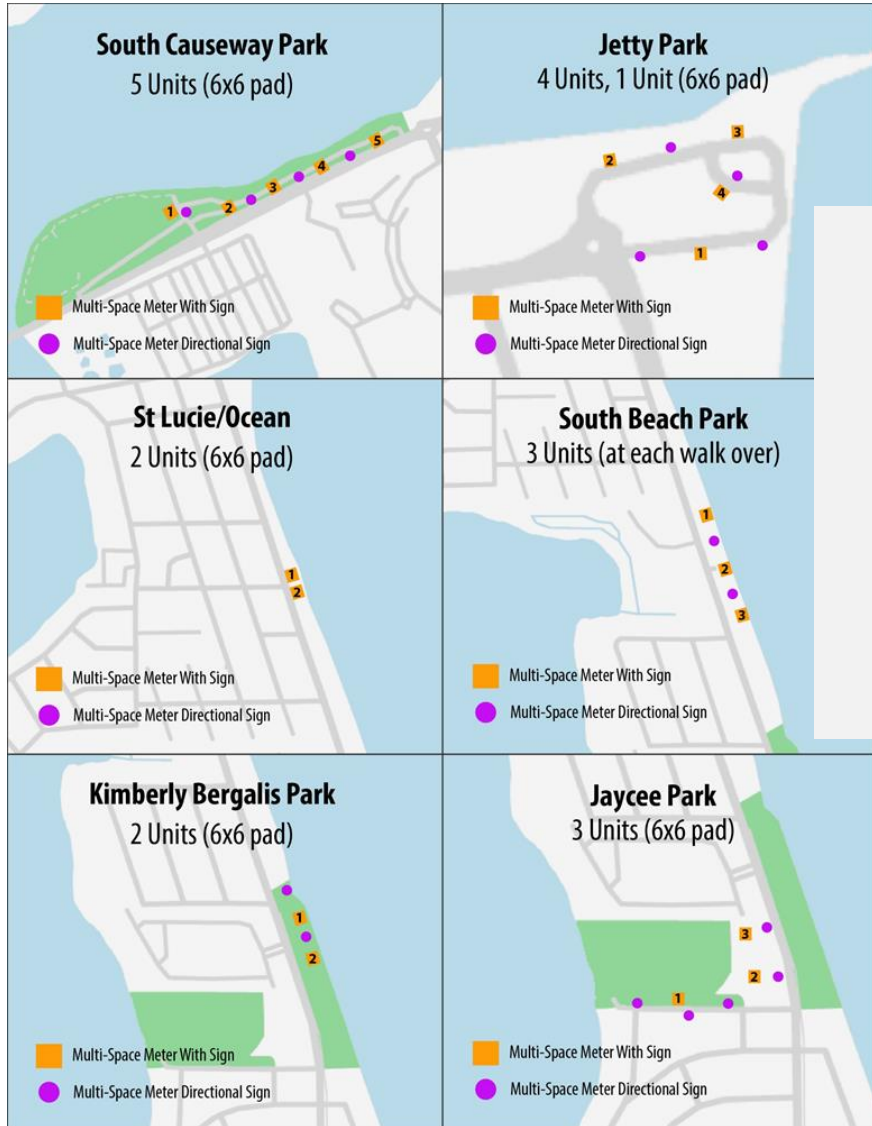
Multi-space Meters

Distribution of Multi-space Meter throughout the city allows the customer to pay for parking without advance set up. Steps to use include

- 1) Customer approaches the meter and selects the zone in which their vehicle is parked.
- 2) Customer enters their license plate to serve as the permit credential
- 3) Customer selects the length of time for which they intend to park.
- 4) Customer pays the intended fare with a credit card. Receipt is optional

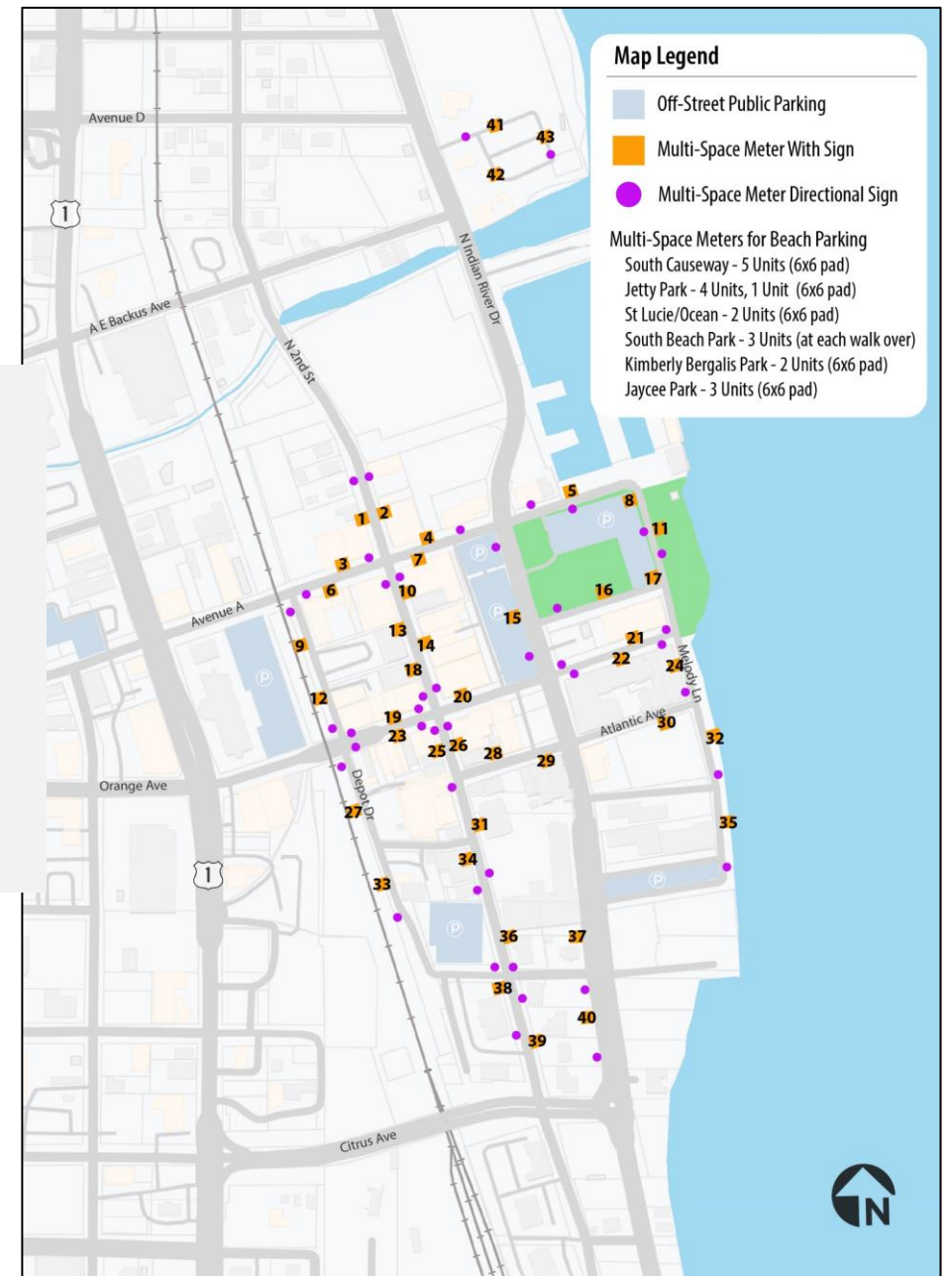


TECHNOLOGY – REVENUE COLLECTION



Multi-Space Meters

Downtown	43
Beach	19
Total	62



TECHNOLOGY – ENFORCEMENT

*Not part of Walker Scope

Permit and Citation Management Solution

The city will contract with a permit and enforcement solution to issue citations and manage permits. This solution will interface with multi-space pay stations and mobile payment solutions and will use handheld devices that allow the enforcement officer to input the license plate of each parked vehicle.

License Plate Recognition (LPR) Vehicle

Used as an enforcement tool, in the future the City may elect to procure an LPR vehicle to aid in the enforcement process. Cameras equipped on the vehicle will read license plates on parked vehicles as it drives by and will alert the enforcement officer if a vehicle is in a not valid status.



The image shows the exterior wall of a building, likely Fort Pierce City Hall. The wall is light-colored with a textured surface. A circular seal is mounted on the wall. Below the seal, the words "FORT PIERCE" and "CITY HALL" are written in large, dark, block letters. The building has a brown trim along the top edge. There are some green plants in the foreground.

FORT PIERCE
CITY HALL

Code of Ordinances

COMPONENTS OF PARKING ORDINANCE STRUCTURE



ADMINISTRATIVE AUTHORITY

FEE AUTHORITY AND TYPES

PAID PARKING REGULATION

PERMIT REGULATIONS

PENALTIES AND ENFORCEMENT

<p>Title</p> <p>Applicability</p> <p>Definitions</p> <p>Authority to Issue Parking Citations</p> <p>Paid Parking Zones</p>	<p>Fee Resolution</p> <p>Permits</p> <p>Late Penalties</p> <p>Immobilization</p>	<p>City lots, garages, public streets and other property</p> <p>Hours of Operation</p> <p>Loading and Unloading</p> <p>Electric vehicle charging</p> <p>Ride-hail/vehicles for hire</p>	<p>On-Street</p> <p>Business</p> <p>Contractor</p> <p>Marina</p> <p>Resident Beach</p>	<p>Citation Issuance</p> <p>Penalties</p> <p>Contest a citation</p> <p>Payment</p> <p>Adjudication</p>
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Next Steps

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.

