

180360A

# Mobility Workshop

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Director of Mobility  
24 April 2019



# Workshop Overview

## Key Updates:

- Autonomous Vehicle Shuttle
- Express Bus
- RTS hiring

## Main Topics:

- Dockless Mobility Ordinance/UF Memo Of Understanding
- First Mile/Last Mile Update
- Free Fare transit for under 18 and over 65 populations Data
- Parking Intro
- Transit Development Plan Status



# Department of Mobility

# Regional Transit System (RTS)



# Transportation Planning and Parking



RIDE & STRIDE

CUSTOMER DRIVEN, COMMUNITY FOCUSED

We provide parking options that are **safe, convenient, and affordable.**

Our goal is to enhance mobility and access by creating a park-once environment that supports a vibrant community.



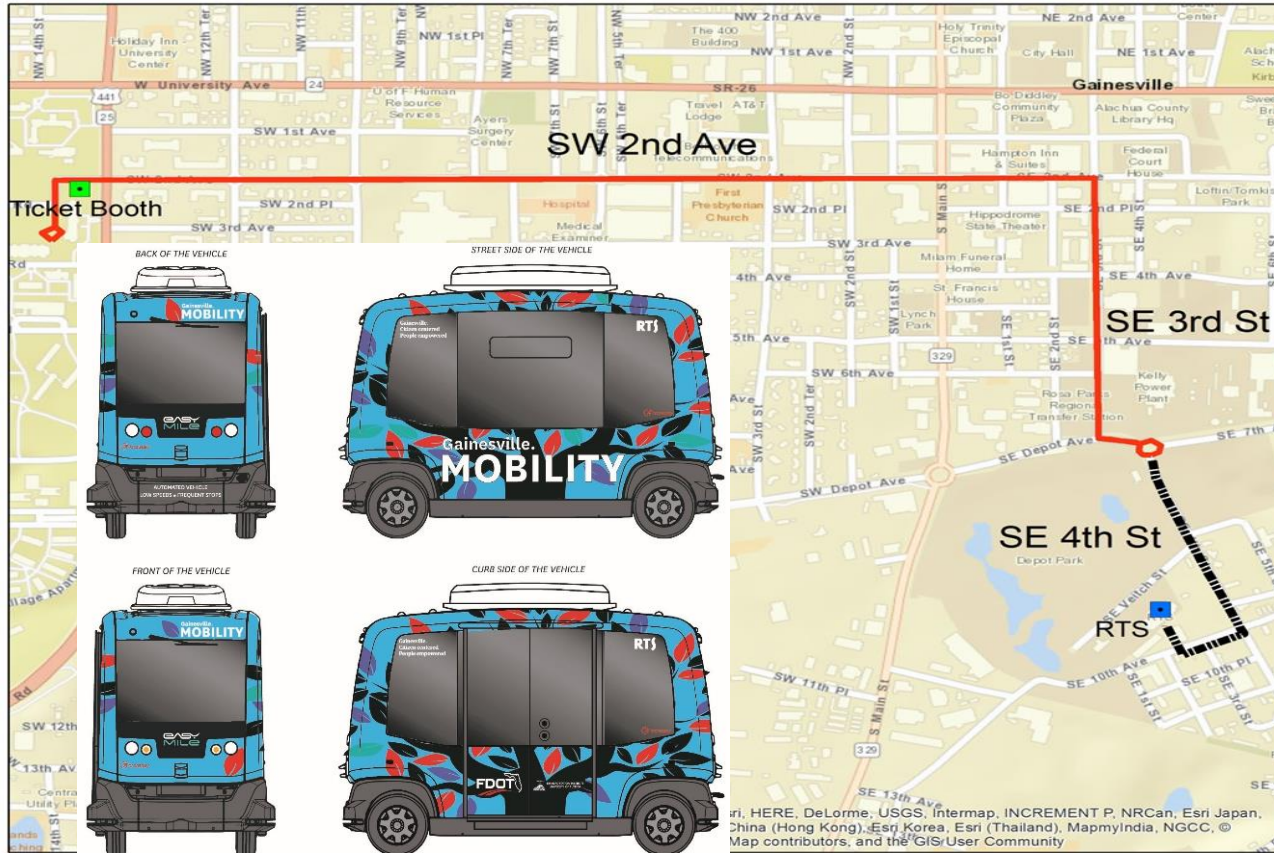


# Traffic Management and Operations



# Key Updates

# AV Shuttle Status



## Legend

### Features

### Feature

- RTS
- Ticket Booth

### AV Route Segment

- DeadHead
- Inbound
- Outbound



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0 0.125 0.25 0.5 Miles



# Express Bus

100% FDOT Funded

Route 901  
Lake City - Alachua -  
Butler Plaza

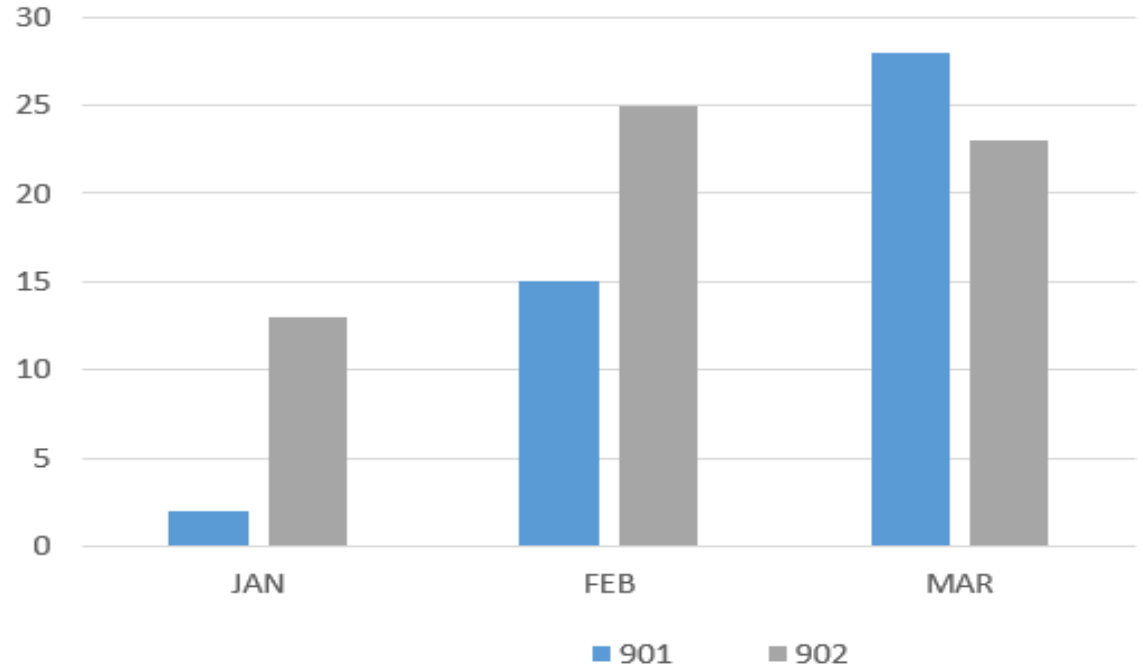
Route 902  
Trenton - Newberry -  
Butler Plaza

## EXPRESS ROUTE RIDERSHIP BY MONTH

Service start date of January 7, 2019.

Route 901: Lake City / Alachua

Route 902: Trenton / Newberry





**RTS Recruitment**

# Main Topics



# Dockless Mobility

# Dockless Mobility

Services are based on user subscription.

Devices enhance accessibility by allowing flexibility on trip begin/end points.

Close gaps in transportation service.

Program status:

- GPC 9/27/2018
- Working with UF on finalizing MOU to bring Ordinance to Council



# First Mile/ Last Mile Microtransit



# First Mile/Last Mile Microtransit

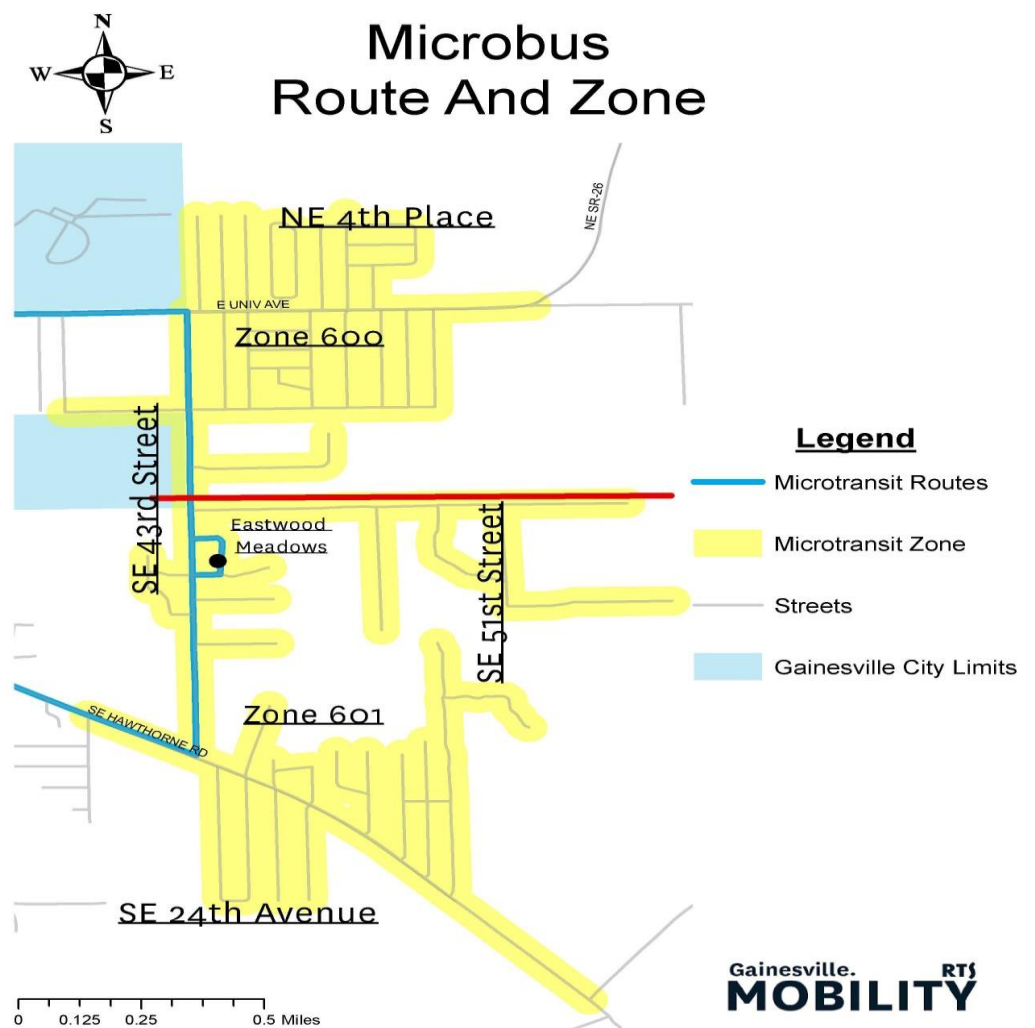
Enhance mobility services in East  
Gainesville region

Currently “no-tech”; next step will offer  
app based technology to enhance transit  
services – expected launch Summer 2019

Start Date: January 7, 2019

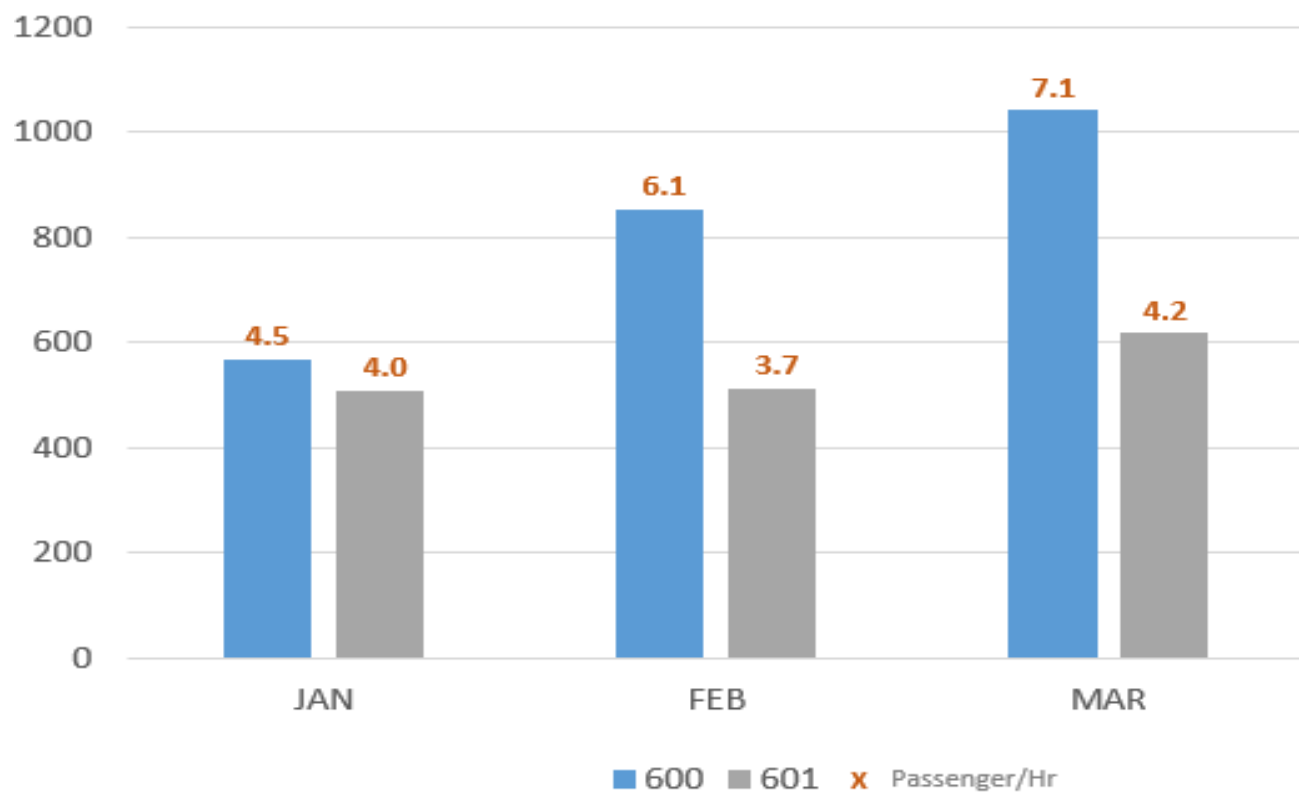
Residential Pickup (First Mile)  
5:30-9:30 AM to Rosa Parks

Rosa Parks Pickup (Last Mile)  
3:30 – 7:30 PM to residence



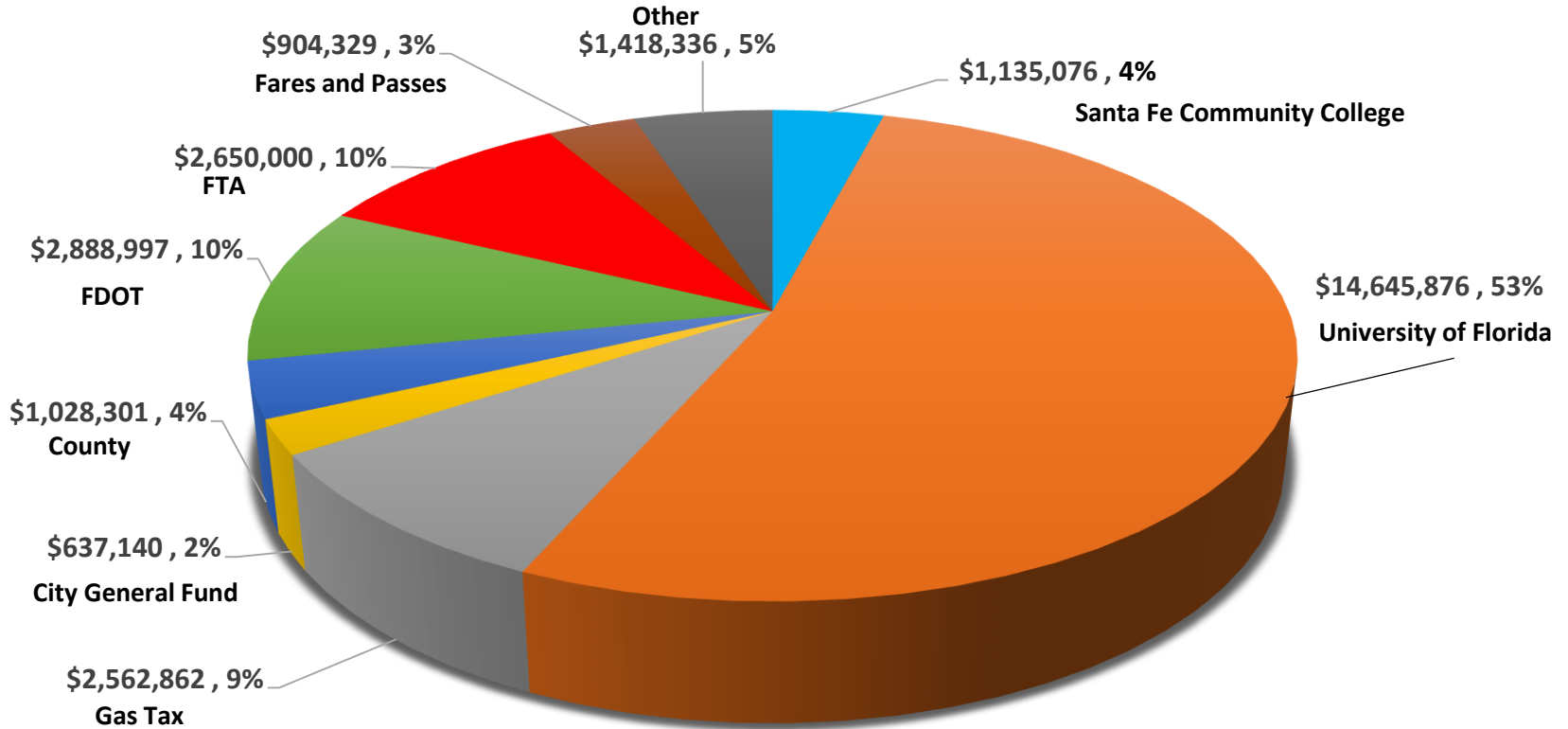
## MICROTRANSIT RIDERSHIP BY MONTH

Service start date of January 7, 2019.



**Fare Free**

# FY 2019 Transit Budget



**Total: \$27,870,917**



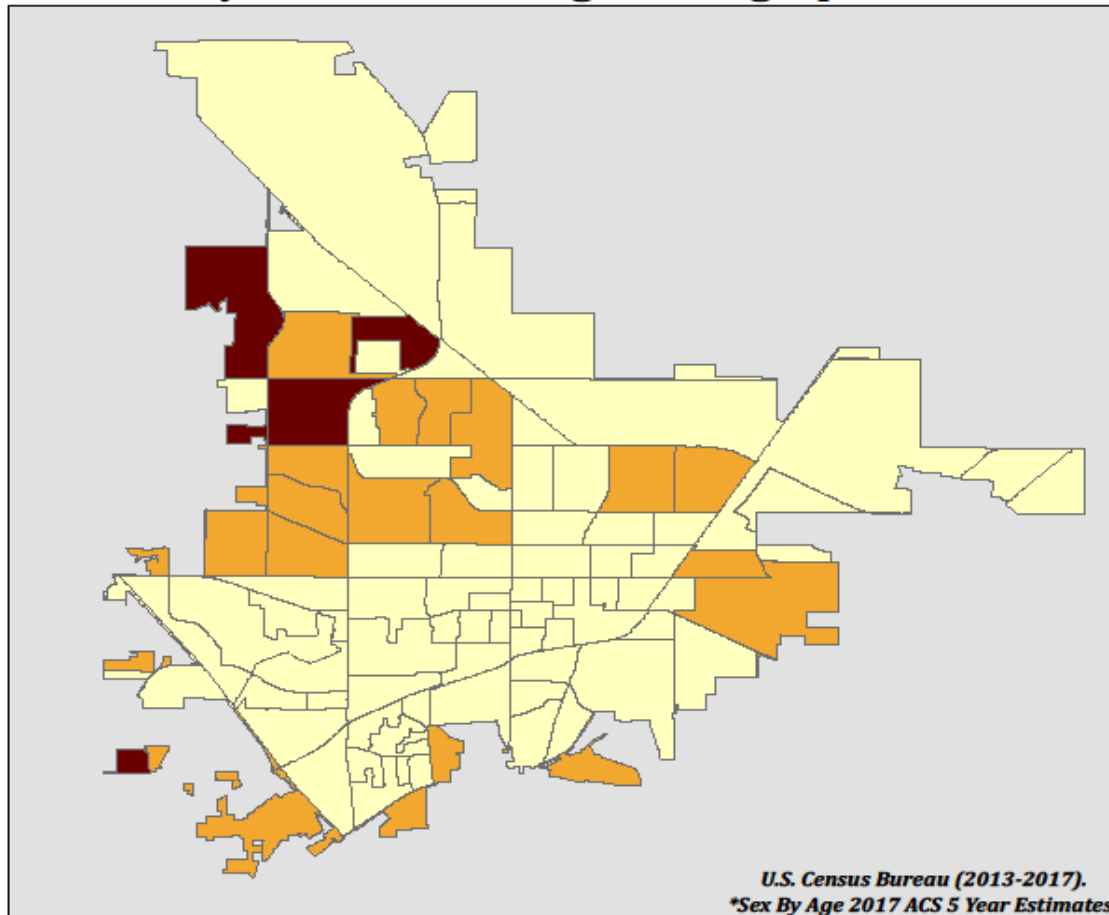
## **FY 2018 Revenue**

Fares	\$	469,398
Passes	\$	307,070
		<hr/>
	\$	<b>776,468</b>

## **Revenue Estimates by Group**

0-17 years	\$	129,324
65+ years	\$	97,569
		<hr/>
	\$	<b>226,893</b>

# City of Gainesville Age Demographics



# Parking Intro

## Technology Changes

- Current contracts expiring

- Vendor chosen to provide app for mobile pay option

- New equipment for garage

## Impacts

- On-street

- Garage

- Permits

# Parking Technology Timeline

Gateless/Mobile Pay - Operating system launched mid-July 2018

New technology enhancements available early summer 2019 include an interactive voice recognition system for users that prefer to call instead of completing transactions online or via the app

Pay-on-foot Station - Pay-on-foot station installation in progress

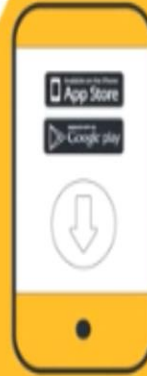
Expected implementation early summer 2019

Enhances accessibility by providing a payment alternative to accept coins or credit cards

# Mobile App

PassportParking® is free to  
download and easy as 1 - 2 - 3

**DOWNLOAD**  
PassportParking



or visit  
**M.PPPRK.COM**

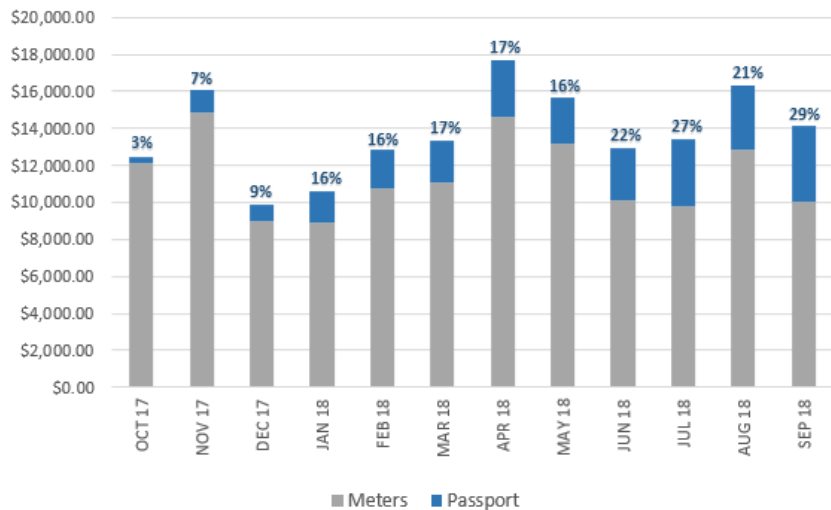


# Parking Performance On-Street and Surface Lots

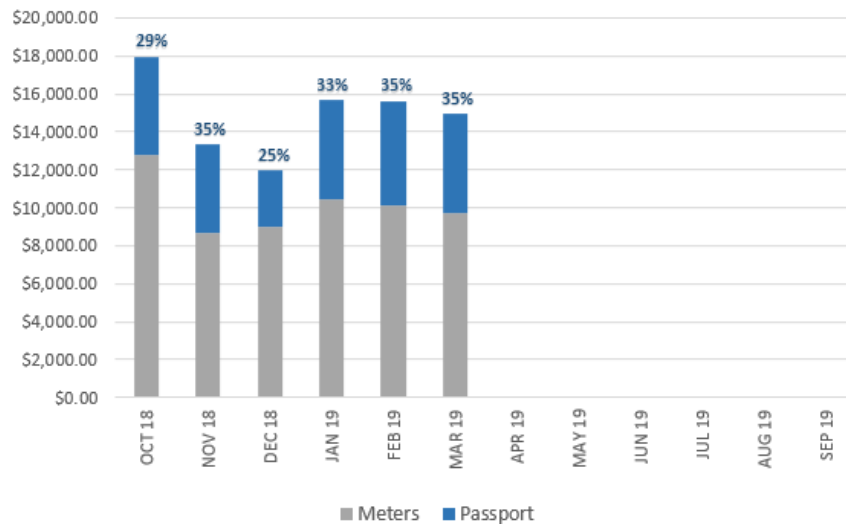
Occupancy data indicates mobile pay has increased utilization and turnover of available parking spaces

35% adoption rate of mobile phone app year over year

OVERALL PARKING REVENUE BY MONTH (FY18)



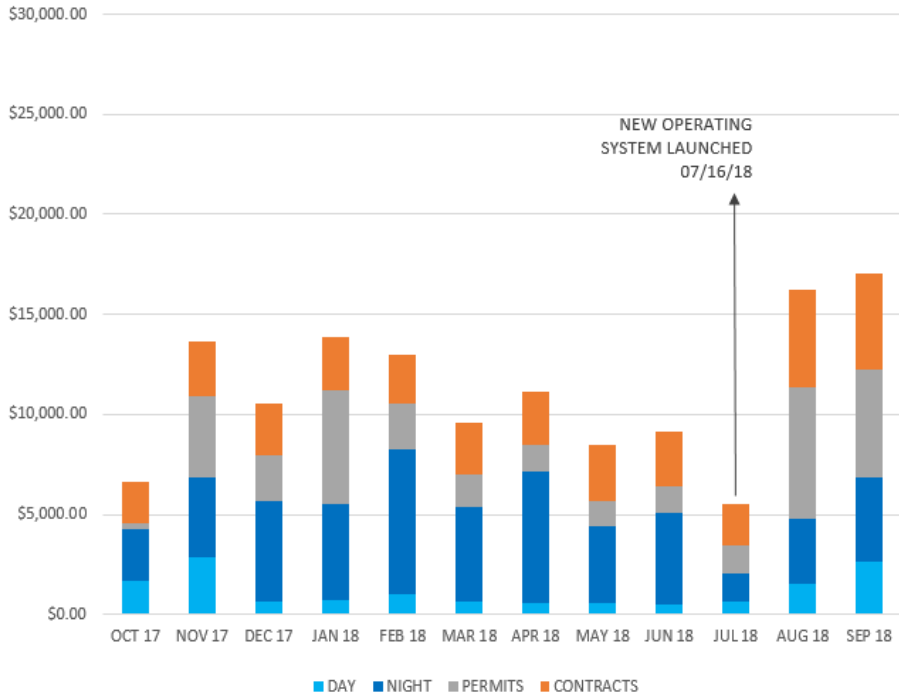
OVERALL PARKING REVENUE BY MONTH (FY19)



# Parking Garage

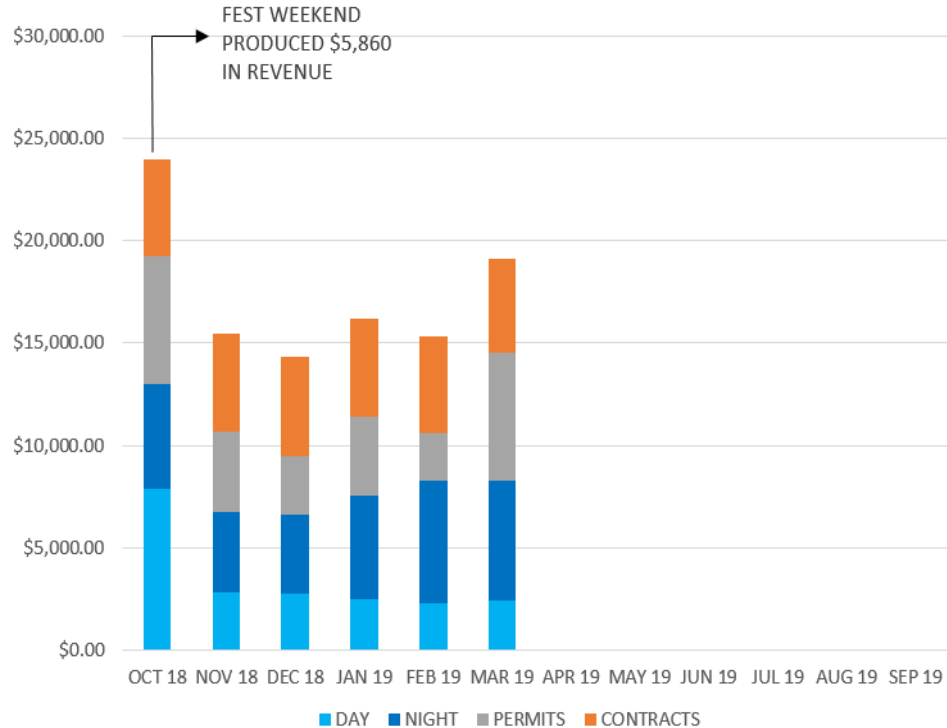
## PARKING GARAGE PERFORMANCE FY18

During FY18 garage operated with cash collection system from Oct-Jun. The system transitioned to a gateless operation with mobile pay in July 2018.

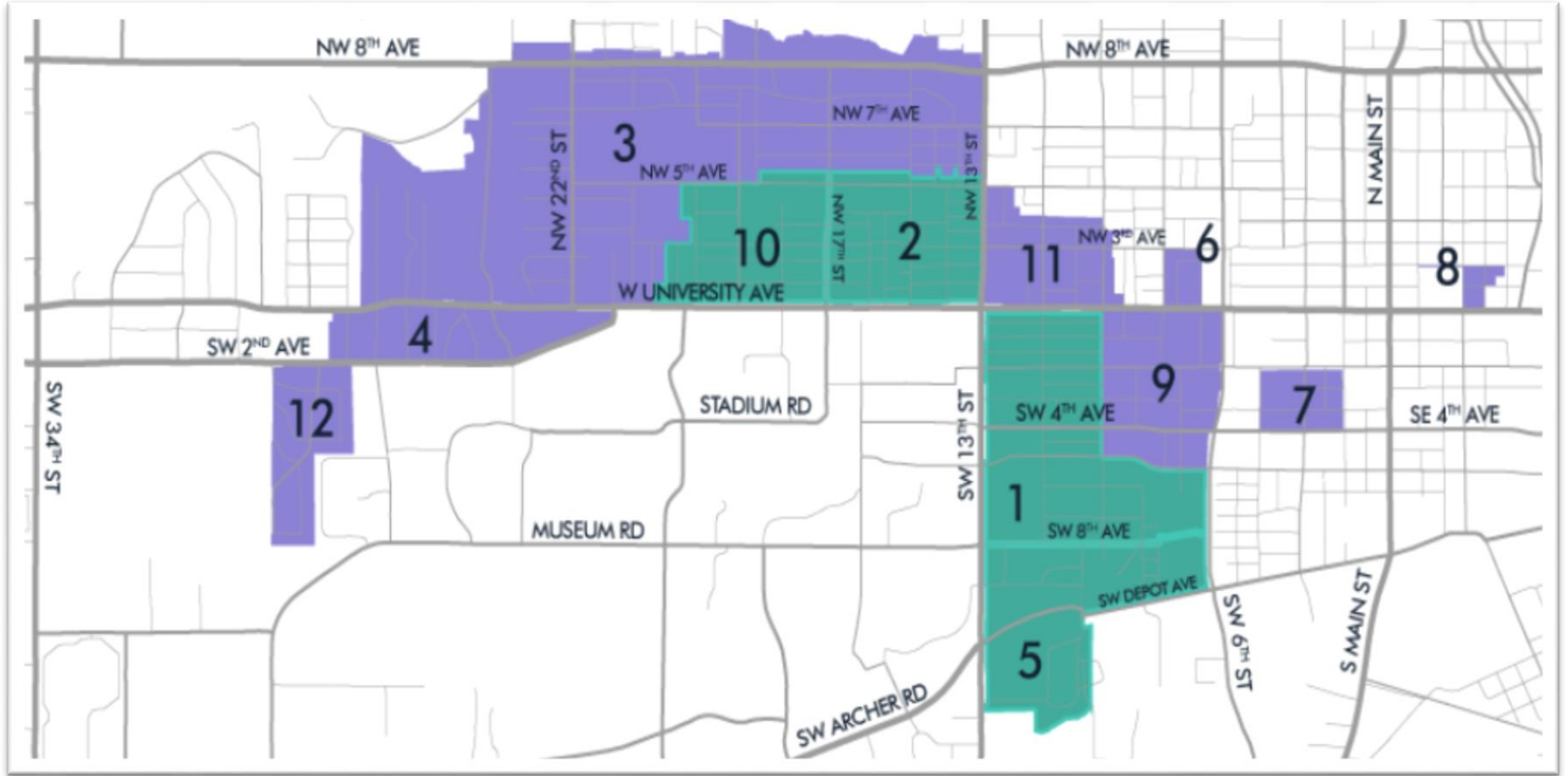


## PARKING GARAGE PERFORMANCE FY19

Compared to same period in FY18, FY19 revenues were on average **64% higher** during daytime; **5% higher** during nighttime; and **35% higher** overall.



# Parking Permit Zones



# Parking Permit Zone Review

- Existing business practice, neighborhood parking permit program
- Assess and analyze occupancy data & rates
- Stakeholder meetings held with renters, property and business owners
- Online survey to get broader input



# City of Gainesville, Florida

Neighborhood Parking Program

Vicky Gagliano, LEED AP, ParkSmart

April 24, 2019

# Background

Created the Neighborhood Parking Program (NPP) in 1981 to:  
*“enhance the quality of life in the neighborhoods by eliminating commuter parking associated with the University of Florida”*

Currently there are 12 NPP Parking Zones

Goal: Identify which zones should be modified and if any new zones are recommended.

# Meetings and Public Input

- Project Kick-off and Stakeholder meeting on Thursday, January 16, 2019
- Field Observations on Wednesday and Thursday, January 15 and 16, 2019.
- Public Input Meeting (Hosted by the Department of Mobility) on February 6, 2019.
- User survey (distributed by the Department of Mobility)

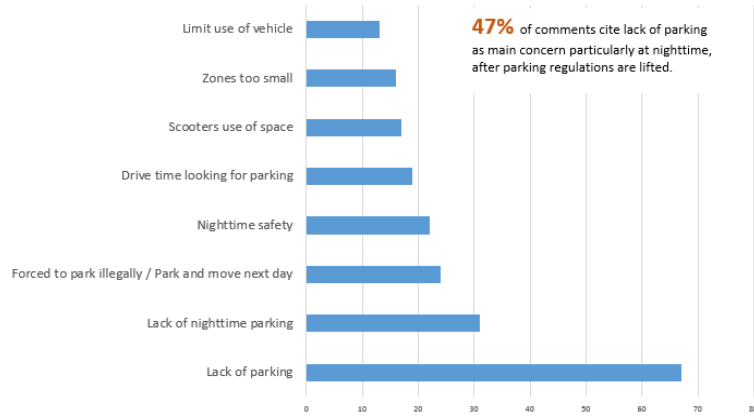


# Workshop Responses

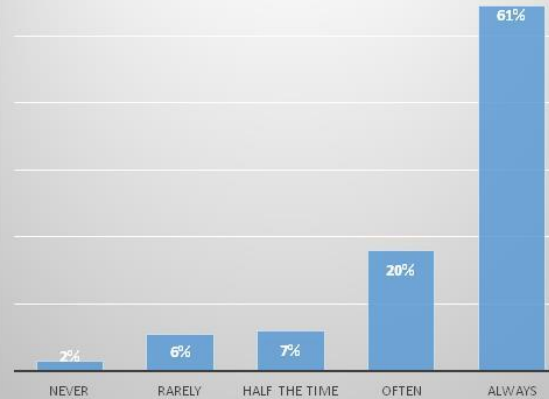
- “Parking is incredibly limited and very frustrating”
- “Parking at night is awful. I work til 9 PM and can’t find a spot.”
- “Scooters park on the street all the time with no decals, taking spots away from cars”
- “It seems as far too many decals are sold for the amount of spaces available in the area. I have to avoid staying out with my car later than 7pm or I will not find any parking.”
- “Most parking issues are not during the day. It’s at night once people have returned from work and running errands. Many times I can’t find parking at night when I get home from errands or exercise and I end up getting a ticket the next day because when I leave for class I am still unable to move my car.”

# Survey Responses

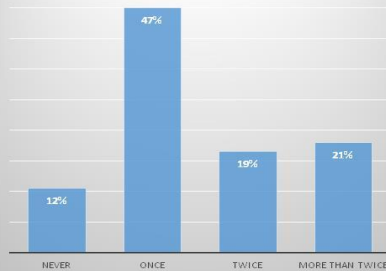
Neighborhood Parking Program Survey Trends



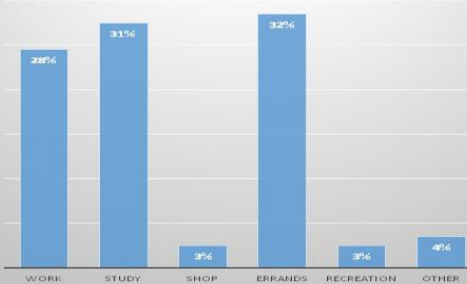
Difficulty Finding a Space (8 AM - 5 PM)



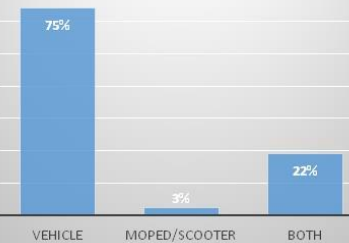
Vehicle Use (8 AM - 5 PM)



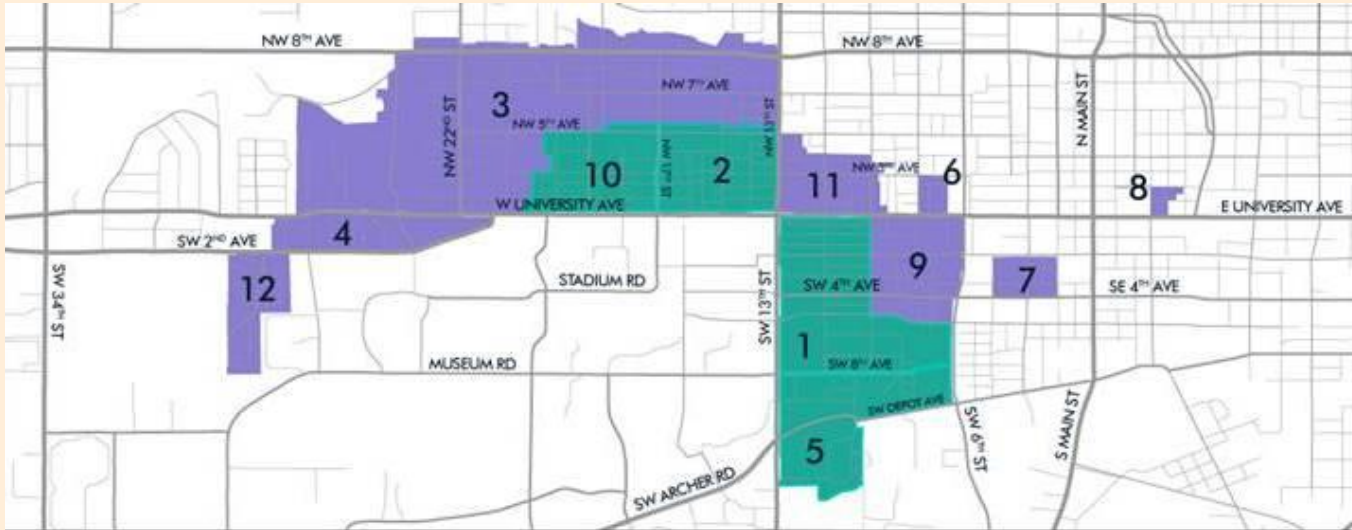
Trip Purpose (8 AM - 5 PM)



Vehicle Ownership



# Current NPP Program



## Annual Permit Rates:

Homestead	\$ 22.00
Commercial/Service	\$ 22.50
Renters (1,2,5,&10)	\$110.25
Renters (Other Zones)	\$ 55.25

## Hours of Enforcement:

Zones 6 & 7	24/7
Zone 8	M-F; 7a-5p
All others	M-F; 8a-4p

# Total Parking Inventory by Zone

ZONE	DECAL	METERED	TIME LIMITED	SCOOTER	TOTAL
1	454	24	12	16	506
2	119	49	0	0	168
3	675	0	27	0	702
4	40	0	0	0	40
5	134	0	0	0	134
6	37	0	0	0	37
7	99	0	0	0	99
8	55	0	0	0	55
9	148	52	4	0	204
10	276	35	0	100	411
11	110	0	0	0	110
12	33	0	0	0	33
<b>TOTAL</b>	<b>2,180</b>	<b>160</b>	<b>43</b>	<b>116</b>	<b>2,499</b>
<b>% TOTAL</b>	<b>87%</b>	<b>6%</b>	<b>2%</b>	<b>5%</b>	

ZONE	DECAL	SCOOTER	TOTAL
1	454	16	470
2	119	0	119
3	675	0	675
4	40	0	40
5	134	0	134
6	37	0	37
7	99	0	99
8	55	0	55
9	148	0	148
10	276	100	376
11	110	0	110
12	33	0	33
<b>TOTAL</b>	<b>2,180</b>	<b>116</b>	<b>2,296</b>
<b>% TOTAL</b>	<b>95%</b>	<b>5%</b>	

2,499 total parking spaces but only 2,296 are available to permit holders.

Of the 2,296, only 5% of them are designated for scooter use and scooter areas only exist in zones 1 and 10.

## 2019 Parking Permits Sold

ZONE	HOMESTEAD	RENTAL	VISITOR	COMMERCIAL	SCOOTER	TOTAL	% TOTAL
1	6	935	119	24	214	1,298	46%
2	4	137	53	71	0	265	9%
3	16	46	29	2	0	93	3%
4	0	1	0	2	0	3	0%
5	3	265	34	0	36	338	12%
6	0	15	14	0	0	29	1%
7	0	18	24	38	0	80	3%
8	8	13	48	29	0	98	4%
9	0	124	7	78	10	219	8%
10	6	93	23	175	0	297	11%
11	0	51	15	1	2	69	2%
12	3	2	3	0	0	8	0%
<b>TOTAL</b>	<b>46</b>	<b>1,700</b>	<b>369</b>	<b>420</b>	<b>262</b>	<b>2,797</b>	
<b>% TOTAL</b>	<b>2%</b>	<b>61%</b>	<b>13%</b>	<b>15%</b>	<b>9%</b>		

- Only 2% of the permits were purchased by Homestead Residents but 61% by Rental residents. The primary users and beneficiaries of the program are residents living in rental housing.
- Zone 1 accommodates almost half of the 2,797 permits issued.

# Permits Sold vs. Permit Spaces

ZONE	PERMIT SPACES	PERMITS SOLD		PERMIT/SPACE RATIO	
		2018	2019	2018	2019
1	470	1,307	1,298	2.78	2.76
2	119	271	265	2.28	2.23
3	675	156	93	0.23	0.14
4	40	7	3	0.18	0.08
5	134	353	338	2.63	2.52
6	37	40	29	1.08	0.78
7	99	91	80	0.92	0.81
8	55	94	98	1.71	1.78
9	148	128	219	0.86	1.48
10	376	268	297	0.71	0.79
11	110	66	69	0.60	0.63
12	33	4	8	0.12	0.24
<b>TOTAL</b>	<b>2,296</b>	<b>2,785</b>	<b>2,797</b>	<b>1.21</b>	<b>1.22</b>

501 more permits issued versus spaces available.

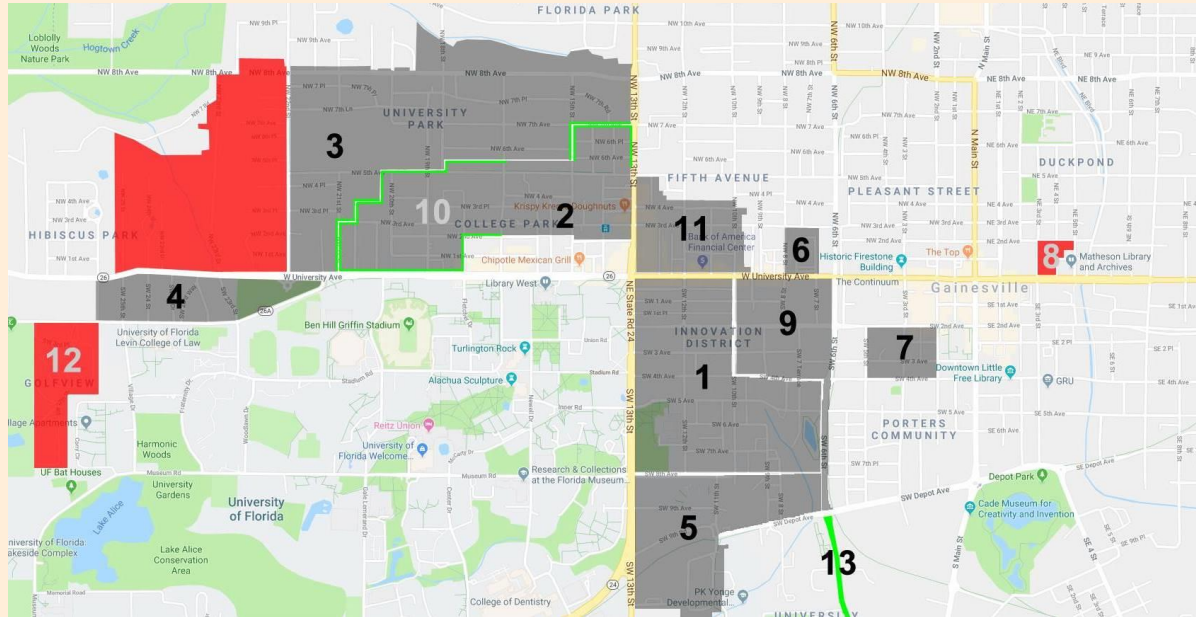
Zones 1, 2, and 5 all contained more than double the amount of permits per parking space.

# NPP Zone Recommendations

- No changes to Zones 1, 4, 5, 6, 7, 9, and 11
- Zone 2: Shift boundaries and combine with Zone 10
- Zone 3: Eliminate areas and adjust boundaries
- Zone 8: Eliminate and maintain metered spaces
- Zone 10: Shift boundaries and combine into Zone 2
- Zone 12: Eliminate with neighborhood approval
- Zone 13: Add new zone to provide relief to Zones 1 and 5



# NPP Zone Recommendations



# Other Recommendations

- Adjust permit rates to market rate & eliminate free visitor permits
- Restrict/Limit permit sales to no more than 1.1x capacity
- Increase hours of regulation and enforcement
- Increase the number of scooter zones/spaces
- Evaluate the use of Digital Permits and LPR Enforcement
- Explore the use of other City facilities for long-term parking
- Monitor the NPP program during changes and adapt/modify as needed
- Further comprehensive parking management review needed based on best practices

# Update Transit Development Plan (TDP)

The TDP is our planning, development, and operational guidance document, and is required to be adopted by our governing body

We are required to have a TDP by Section 341.052, F.S. (Florida Statute)

The Mobility Team met with the TDP consultant in January to start the planning process

To assist outreach of the plan, DOM has included the City's Citizen Engagement Manager as part of the Mobility Stakeholder Advisory Team

The TDP will be incorporated into the broader Mobility Plan later this year

# Transit Development Current Status

- Developed a public involvement plan that includes:

on-board surveys – completed

online mobility survey – open until end of April



Over **4,000**  
responses  
received to date

Establishment of input groups: steering committee, stakeholder and discussion groups

- Evaluation of baseline conditions completed
- Peer review and trend analysis underway
- Expected completion by September 2019