

City of Fort Lauderdale

*City Hall
100 North Andrews Avenue
Fort Lauderdale, FL 33301
www.fortlauderdale.gov*



Meeting Minutes

Tuesday, November 5, 2019

1:30 PM

City Commission Conference Room

City Commission Conference Meeting

FORT LAUDERDALE CITY COMMISSION

***DEAN J. TRANTALIS Mayor
ROBERT L. McKINZIE Vice Mayor - Commissioner - District III
HEATHER MORAITIS Commissioner - District I
STEVEN GLASSMAN Commissioner - District II
BEN SORENSEN Commissioner - District IV***

***CHRIS LAGERBLOOM, City Manager
JOHN HERBST, City Auditor
JEFFREY A. MODARELLI, City Clerk
ALAIN E. BOILEAU, City Attorney***

CALL TO ORDER

Mayor Trantalis called the meeting to order at 1:40 p.m.

QUORUM ESTABLISHED

Commission Members Present: Commissioner Heather Moraitis, Commissioner Steven Glassman, Vice Mayor McKinzie, Commissioner Sorensen, and Mayor Dean J. Trantalis

Also Present: City Manager Chris Lagerbloom, City Clerk Jeffrey A. Modarelli, City Attorney Alain E. Boileau, City Auditor John Herbst, and Sergeant at Arms Heather Lee

City Auditor John Herbst arrived at 1:40 p.m.

Vice Mayor McKinzie arrived at approximately 1:50 p.m.

Commissioner Sorensen arrived at approximately 3:00 p.m.

CITY COMMISSION REPORTS

Members of the City Commission announced recent and upcoming events and matters of interest.

In response to Commissioner Moraitis' question regarding upcoming holiday plans with the Broward County Partnership for the Homeless, Mayor Trantalis confirmed upcoming meetings and commented on related meetings with Staff and details.

Commissioner Moraitis commented on an Airbnb article regarding large vacation party homes. City Manager Lagerbloom confirmed his review of the article. Further comment and discussion ensued on the Code restricting Airbnb usage based upon the size of the rental. Mayor Trantalis commented on previous similar situations, confirming the need to report violations to the Office of the City Manager.

Commissioner Moraitis discussed an article in *Florida Trend* magazine entitled *Emerald Trail* that she handed out to members of the Commission. The article outlines the City of Jacksonville's partnership with a non-profit organization for an urban trail system surrounding its city. She commented on similar opportunities and the recent Downtown

Development Authority Report on the *Rails to Trails Program*.

A copy of this article is attached to these minutes.

In response to Mayor Trantalis' question about when the report from the Working Group on trails would be received, November 19, 2019 was confirmed. City Manager Lagerbloom noted that there would be a *LauderTrail* and *Mockingbird Trail* overlap. Further comment and discussion ensued. Mayor Trantalis commented on the need to expedite this item. Commissioner Moraitis requested an update regarding discussions with Florida East Coast (FEC) Railway about acquiring FEC land for *Rails to Trails*.

Commissioner Glassman discussed the progress made with the Las Olas Mobility Working Group, stating there would be a meeting later today to discuss the hiring of a project consultant. He commented on his tour of Oceanside Park, confirming the amount of positive public input.

Mayor Trantalis expounded on the success of *The Boat Show* and related details. Commissioner Glassman concurred, noting the positive input from attendees from around the world.

Discussion ensued on Commission calendaring of upcoming events. Mayor Trantalis confirmed his office would disseminate calendar events on a Commission Group Calendar. Commission Staff would add events to the Group Calendar as necessary.

[19-1079](#)

Communications to the City Commission - (Commission Districts 1, 2, 3 and 4)

***Parks, Recreation, & Beaches (PR&B) Board Meeting Minutes
Wednesday, September 25, 2019***

A copy of this communication is attached to these minutes.

Commissioner Glassman confirmed that the conditions listed in this communication were requested in the agreement for the renovation of the War Memorial Auditorium at the October 15, 2019 Commission Regular Meeting. It was noted this communication was prepared prior to those discussions.

In response to Mayor Trantalis' questions regarding a Request for Proposal (RFP) Panel, City Manager Lagerbloom confirmed there would be a selection group to review RFP responses. The RFP responses have been ranked and are scheduled for interviews. City Manager

Lagerbloom expounded on related details and confirmed he would further research the context of this request. The RFP responses have been ranked and are scheduled for interviews. Commissioner Moraitis recommended having a PR&B Board member participate in the RFP Selection Panel. Mayor Trantalis said he had no objection. City Manager Lagerbloom confirmed.

***Sustainability Advisory Board (SAB) 1 of 2
October 28, 2019***

A copy of this communication is attached to these minutes.

SAB Chair Jason Liechty explained the recommendation to Commission in this communication to consider and approve a ban on the sale and distribution of sunscreens containing oxybenzone and octinoxate (chemical sunscreens) in the City, expounding on details and research regarding the negative impact of these sunscreens on coral reefs.

In response to Mayor Trantalis' question regarding the legal implications of banning these chemical sunscreen products, City Attorney Alain Boileau confirmed that legal research is ongoing, explaining related details. Further comment and discussion ensued on ongoing research and the availability of alternative types of sunscreen products.

In response to Commissioner Moraitis' question regarding spray-on sunscreen products, Chair Liechty explained how spray-on chemical sunscreen products negatively impact coral reefs. Mayor Trantalis acknowledged the nearby off-shore coral reef, commenting on possible preemption concerns at the State level. He requested City Attorney Boileau to further research this subject and return to the Commission with an update. City Attorney Boileau confirmed. Chair Liechty confirmed the aim of the SAB is to address chemical sunscreens, not the form of application.

City Attorney Boileau noted the restrictions instituted by the City of Key West that addresses the sale of these types of chemical sunscreens. Chair Liechty discussed the goal of taking this position.

Commissioner Glassman commended the SAB for specificity, level of detail and completeness of its communications to the Commission.

In response to Vice Mayor McKinzie's question regarding other stressors on the coral reef, Chair Liechty explained additional impacts. Increased

water temperatures serve to encourage coral bleaching, especially when combined with chemical sunscreens. Further comment and discussion ensued on the need to sustain the coral reef and related details.

***Sustainability Advisory Board (SAB) 2 of 2
October 28, 2019***

A copy of this communication is attached to these minutes.

Chair Liechty confirmed this communication's request to host a public forum Workshop in Commission Chambers. He requested Staff support. In response to Commissioner Moraitis' question regarding topics for the Workshop, Chair Liechty confirmed experts in sustainability would present during the first half in a panel discussion format. Commissioner Moraitis' commented on constituent inquiries regarding sea-level rise. Chair Liechty said that the second half of the Workshop would include public input expressing priorities around the issue of sustainability. This input would be utilized to pursue the SAB Workplan for 2020. City Manager Lagerbloom confirmed Staff would assist with the Workshop. Commissioner Moraitis requested the Workshop be recorded to allow residents unable to attend to view. Chair Liechty requested input from the Commission regarding suggested speakers at the Workshop.

OLD/NEW BUSINESS

BUS-2 [19-0956](#)

Discussion on Crisis and Emergency Communication - (Commission Districts 1, 2, 3 and 4)

Vice Mayor McKinzie discussed his perspective regarding communications from elected officials during an emergency. Comment and discussion ensued.

Mayor Trantalis recognized Chaz Adams, Strategic Communications Manager. Mr. Adams narrated a slide presentation entitled *Keys to Communicating Effectively During an Emergency*.

A copy of the presentation is attached to these minutes.

In response to Vice Mayor McKinzie's question regarding posting on social media during an emergency, City Attorney Boileau said it is dependent upon the message. The message of elected officials should mirror the message of the Office of the City Manager. Comment discussion ensued regarding various scenarios. City Attorney Boileau reconfirmed the need for consistent messaging content from elected

officials and the Office of the City Manager.

Mayor Trantalis commented on positive input from the community during a recent public works water-related incident.

Commissioner Moraitis commented on the helpfulness of live social media communications by the Strategic Communications Division. Mr. Adams discussed related details.

BUS-4 [19-1123](#)

C-51 Reservoir Allocation Purchase - (Commission Districts 1, 2, 3 and 4)

Mayor Trantalis recognized Aneisha Daniel, Deputy Director of the Public Works Department. Ms. Daniel announced that Todd Hiteshew, Environmental Compliance Manager, and Patrick Davis, Vice President, Hazen and Sawyer, P.C. (Hazen and Sawyer), would be leading the presentation on this item. Hazen and Sawyer were contracted to analyze and evaluate the options for long-term water supply needs.

Mr. Hiteshew gave a historical overview of the City's participation in the C-51 Reservoir Project (C-51 Project) as a regional water supply alternative. The time has arrived for water utilities to enter into Capacity Allocation Agreements (Agreements) with the C-51 Reservoir owner, Palm Beach Aggregates, LLC (PBA) to ensure future water needs. The recommendation is to purchase 6,000,000 gallons of water per day (MPD) from the C-51 Project. Several local municipalities have Agreements in place, and PBA has requested all Agreements be finalized by the end of 2019.

Mr. Hiteshew explained future water supply decisions for access to an alternative water supply when the current Biscayne Aquifer water Permit allocation cap has been reached. Mr. Hiteshew expounded on water access challenges from the permitted Floridan Aquifer water allocation. One of the most significant benefits of the C-51 Project is that it provides an additional allocation from the Biscayne Aquifer.

Mr. Hiteshew gave an overview of Hazen's analysis over the 20-year timeline through 2045. There will be a need to access another source of water from late 2020 through early 2030. The anticipated construction timeline for the C-51 Project is two years. Agreements between local utilities and PBA need to be in place to move forward. Once all C-51 Project allocations have been contracted, remaining water utilities not contracted will need to find another water source.

Mayor Trantalis noted that these projections are based upon anticipated

population increases. Mr. Hiteshew confirmed, expounding on details related to water treatment from other available sources.

Mayor Trantalis commented on his understanding of the C-51 Project water source. Mr. Hiteshew discussed his understanding that the water supply would come from the C-51 Canal, explaining related details.

Mayor Trantalis recapped the details regarding a decision on this item. Mr. Hiteshew confirmed, noting the future need to access water from the Floridan Aquifer will require deeper wells and additional water treatment.

In response to City Attorney Boileau's question regarding costs, Mr. Hiteshew confirmed C-51 Project costs include a one-time capital cost and recurring operations and maintenance costs.

Mayor Trantalis requested information on the most cost-effective interim water-sourcing. Mr. Davis discussed available alternatives listed in the Commission Agenda Memo (CAM). Ongoing studies and future decisions regarding the Charles F. Fiveash Regional Water Treatment Plant (Fiveash) would play a role, and future technologies would determine future efficiency.

In response to Mayor Trantalis' questions, Mr. Davis confirmed that nanofiltration removes the color from drinking water and is currently used at the Peele Dixie Water Treatment Plant (Peele Dixie). Mr. Davis expounded on details regarding the Hazen and Sawyer Study. Fifteen percent of water is lost with nanofiltration. Due to unknown future technologies, the Hazen and Sawyer Study used extremes in its analysis. Mr. Davis noted that depending upon decisions regarding Fiveash, the net present value (NPV) range for additional water produced is between \$64,000,000 and \$120,000,000 over the 25-year analysis period. The cost of going to the Floridan Aquifer is less cost-effective. He cautioned that this analysis was done without using design reports and is based upon historical capital costs for other utilities. Mr. Davis expounded on additional alternatives and related expenses. Should another option be selected, there is no guarantee that the C-51 Project's allocation would be available at a later date.

In response to Mayor Trantalis' question regarding the cost-effectiveness of implementing the Floridan Aquifer now, Mr. Davis said it would not be more cost-effective on an NPV basis. However, it would provide the ability to delay capital investment until 2026, but the total value of the investment would be increased. Mr. Davis commented on historical details regarding the C-51 Canal Project. Further comment and

discussion ensued on the need for action to ensure access to the C-51 Project's water allocation supply, the next steps in the process and funding.

City Manager Lagerbloom confirmed water by rate-payers and Staff would return to the Commission with a funding strategy. There would be a one-time upfront capital cost in addition to annual operations and maintenance costs. He recommended moving forward with the C-51 Project. Further comment and discussion ensued.

Vice Mayor McKinzie confirmed his need for further information, expounding on details regarding funding. In response to Vice Mayor McKinzie's question, Mr. Davis reiterated that future costs are dependent on how Fiveash is addressed. Should nanofiltration technology be implemented at Fiveash, additional water would be needed by 2026. If nothing is done at Fiveash, the projected date for additional water would be approximately 2033 if C-51 water is purchased. Fiveash can only treat water from the Biscayne Aquifer. An additional water treatment plant would be needed to treat water from the Floridan Aquifer.

Mayor Trantalis noted the Floridan Aquifer availability into the future and delaying a decision could result in the C-51 Project water source no longer being available. Commissioner Glassman confirmed his position to move forward with a C-51 Project Agreement. Vice Mayor McKinzie reiterated his cost concerns and the need for additional information.

City Attorney Boileau noted the need to address legal aspects of the C-51 Agreement. Mayor Trantalis recommended directing City Manager Lagerbloom to move forward, including being more definitive regarding the financial commitment and funding for future water sourcing. City Manager Lagerbloom explained his business perspective to move forward.

In response to Commissioner Sorensen's question, City Manager Lagerbloom explained the timeline for moving forward. It is anticipated that a C-51 Agreement would be available in the first part of December 2019. Assistant City Attorney Rhonda Hasan gave an update on the legal aspects of the Agreement that are being addressed. Further comment and discussion ensued.

City Manager Lagerbloom confirmed his transmittal of a preliminary letter to PBA requesting a reservation of the 6 MPD water capacity that is contingent on Commission action. He said that other municipalities are also attempting to reserve this capacity. Commissioner Sorensen

confirmed his position to move forward with the C-51 Project. Further comment ensued. Mr. Hiteshew said the initial capital cost would be approximately \$27,000,000 in addition to annual operations and maintenance costs of about \$219,000.

In response to Vice Mayor McKinzie's question, Mr. Davis confirmed that after an Agreement is in place, the City would have rights to the 6 MPD through a South Florida Water Management District (SFWMD) Permit upon completion of the C-51 Project reservoir which is anticipated within two years. Mr. Davis expounded on the payment of capital funding, the timeline for accessing the water and other details. City Manager Lagerbloom confirmed Staff would pursue additional efforts to address a funding strategy, commenting on various funding options. Vice Mayor McKinzie commented on the financial impact to end-users. Further comment and discussion ensued.

Mr. Davis explained the background aspects regarding capping current water sources. Accessing the C-51 Project water source would not require additional transportation costs. The annual operations and maintenance costs would fund transporting the water through the current system. Mr. Davis explained the history of the C-51 Project reservoir and how capital costs were determined by the owner. Further comment and discussion ensued. Mr. Hiteshew commented on the ability of the existing SFWMD permit being modified for the C-51 Project allocation that would run through 2055.

City Auditor John Herbst questioned if the funding structure of the Agreement being subject to annual appropriations or if the funding structure is mandatory, commenting on related details. City Manager Lagerbloom confirmed the desire to negotiate future appropriation language in the Agreement.

In response to Commissioner Moraitis' question regarding the recent five-year rate structure analysis included the cost for Fiveash, City Manager Lagerbloom said a certain amount of debt would be entered into an analysis every five years. He said Fiveash and C-51 Project costs were not included in the recent five-year rate structure analysis, explaining related details.

In response to Vice Mayor McKinzie's question regarding Fiveash, City Manager Lagerbloom said a meeting to address the Fiveash Report is scheduled later this week, and additional funding needs for Fiveash are anticipated. Further comment and discussion ensued on the condition of Fiveash. Mayor Trantalis commented on the benefits of building a

replacement water treatment plant. City Manager Lagerbloom discussed details regarding maintaining Fiveash until a suitable replacement becomes available. Further comment ensued. Commissioner Glassman noted the need to plan for the future. City Manager Lagerbloom expounded on Staff efforts to bring recommendations to the Commission for policy direction.

Vice Mayor McKinzie requested he receive the Fiveash Report well in advance of the associated Conference Meeting.

Mayor Trantalis noted the need to harden these types of infrastructure facilities to meet the requirements associated with severe weather conditions.

City Attorney Boileau confirmed that Staff from the Office of the City Manager and the Office of the City Attorney are on parallel tracks to move forward with the C-51 Project Agreement.

BUS-1 [19-1082](#)

Landscape and Tree Preservation - Proposed Ordinance Amendment Concepts Presentation - (Commission Districts 1, 2, 3 and 4)

Mayor Trantalis recognized Kimberly Pearson, Sustainability Coordinator, Department of Public Works. Ms. Pearson narrated a slide presentation entitled *Tree Preservation - Proposed Ordinance Amendment Concepts*.

A copy of the presentation is attached to these minutes.

In response to Mayor Trantalis' question regarding addressing the removal of diseased trees on the vacant property to prevent the impact on healthy surrounding trees, Ms. Pearson confirmed Staff would address this moving forward.

In response to Commissioner Glassman's question regarding compliance enforcement, Ms. Pearson confirmed ongoing work with the Office of the City Attorney. City Attorney Boileau noted it would be addressed under the parameters outlined in Chapter 20 of the Code of Ordinances. Ms. Pearson confirmed compliance includes all trees, including those on private property. City Attorney Boileau commented on common law concerns that need to be considered.

Commissioner Sorensen commented on increasing fine amounts for unauthorized tree removal. City Attorney Boileau discussed having a range and two schedules dependent upon the desired goal, expounding on related details and citing examples. Further comment ensued. City

Attorney Boileau said that fines are up to the discretion of the independent Special Magistrate. Commissioner Sorensen discussed the ability to tie a narrow range to numerous components, citing examples. Discussion ensued on various scenarios.

Commissioner Glassman commented on the Working Group addressing this subject and benefiting from community input. He recommended the inclusion of community members and moving this item forward in a shorter timeframe. Ms. Pearson confirmed receipt and inclusion of community input, expounding on details moving forward. She confirmed that drafts of updated ordinance amendments sent to impacted departments would be shared with community members.

Commissioner Moraitis noted tree replacement concerns on the community side of Lockhart Stadium and along Galt Ocean Mile. Ms. Pearson said that as long as projects are appropriately permitted, they would not be subject to tree removal penalties, explaining details of site plan survey requirements.

Commissioner Sorensen recommended having a comprehensive City-wide tree survey. Discussions ensued on costs. Vice Mayor McKinzie noted that anyone applying for a permit is required to do a tree survey. Ms. Pearson confirmed. Comments ensued on the ability to remove trees before permit application. Ms. Pearson confirmed the ability to view a property tree canopy using Google and GIS technology that would allow an evaluation of tree requirements. Further comment and discussion ensued. Ms. Pearson noted that the City's tree canopy has increased to 20.2 percent (20.2%).

Commissioner Sorensen discussed consideration of a mandate regarding the protection of certain tree species of trees that would not allow their removal.

Mayor Trantalis recognized Matt Tilghman on behalf of the Riverside Park Residents Association. Mr. Tilghman discussed his support of a tree ordinance to ensure the unique aspects of the neighborhood, expounding on details.

Mayor Trantalis recognized Way Hoyt, 966 NE 42nd Court, a consultant arborist. Mr. Hoyt discussed numerous efforts over the years to ensure tree canopy coverage. He commented on the impact of Florida Statute 163.045 that relates to tree pruning, trimming, or removal on residential property, explaining the impact on the tree canopy and expounding on related details.

Mayor Trantalis recognized Mary Fertig, 511 Poinciana Drive. Ms. Fertig spoke on behalf of Ann Wiley, discussing Ms. Wiley's input regarding enhancing the tree canopy and the importance of expediency. She recommends including members of the community in Working Group discussions. Ms. Fertig requested a review of the Conservation Section of the proposed Comprehensive Plan that is going before the Planning and Zoning Board on November 20, 2019. She confirmed a request for members of the community to take pictures of their favorite tree canopy or special trees in their neighborhoods that would serve to aid community tree inventory efforts.

Mayor Trantalis recognized Brucie Cummings, 830 SW 9th Street. Ms. Cummings commented on concerns regarding Staff not reviewing sites that have requested permitting, citing an area of development in Riverside Park. She discussed concerns regarding the conservation of the rain tree, confirming a previous decision for its protection and the potential for development on the site.

Mayor Trantalis recognized Mark Cantor, Riverland Preservation Society. Mr. Cantor thanked the Working Group for their efforts, recommending a tree survey. He recommended increasing fines, citing details and emphasizing the need for community input and involvement regarding potential development. Mr. Cantor recommended petitioning the State for an exemption on the Florida Statute discussed earlier.

In response to Commissioner Sorensen's question, Ms. Pearson reviewed Staff included in the Working Group. City Manager Lagerbloom suggested the Working Group bring a work product to the community for input, acknowledging the need for urgency.

BUS-3 [19-0976](#)

Analysis of Potential Annexation of Central Area and Broadview Park - (Commission Districts 1, 2, 3 and 4)

Mayor Trantalis left the meeting at 3:55 p.m.

Mayor Trantalis recognized Laura Reece, Budget Director. Ms. Reece introduced Phil Gonot of PMG Associates, Inc. Mr. Gonot has worked with Staff to analyze the operating impacts for the potential annexation of Central Area and Broadview Park.

In response to Vice Mayor McKinzie's question, Mr. Gonot confirmed there are five neighborhoods included in the Central Area and Broadview Park. Vice Mayor McKinzie noted the high level of importance of this item as represented in the Commission Goal Setting Session. He

requested this item be deferred to a later date.

Mayor Trantalis returned to the meeting at 4:00 p.m.

City Manager Lagerbloom noted that this item could be deferred. Comment and discussion ensued. Mayor Trantalis confirmed the deferment of this item to a subsequent Commission Conference Meeting.

CITY MANAGER REPORTS

None.

Mayor Trantalis discussed a request from City Attorney Boileau regarding Commission direction to file an amicus brief in support of legal action by Florida municipalities regarding State preemption of municipal equal rights ordinances that differ from the State Statute. City Attorney Boileau expounded on details of related cases in Orange County and Leon County. Further comment and discussion ensued on legal aspects of filing an amicus brief. Mayor Trantalis confirmed the position of the Commission to proceed with the filing of an amicus brief.

ADJOURNMENT

Mayor Trantalis adjourned the meeting at 4:20 p.m.



Fort Lauderdale, FL

Stormwater Rate Study

Fee Work Session

November 19, 2019



Core Elements of the Study



Revenue Requirements

- Operations & Maintenance
- Renewal and Replacement
- Master Plan CIP

Cost Allocation

- Units of Service
- Effective Imp. Area
- Trip Generation

Fee Structure

- Identify Structures
- Customer Impacts

Method of Billing

- Utility Bill
- Tax Assessment

Project Timeline

2016

- Stormwater fee study analysis completed, and initial results presented.
- Trip generation and fee zones introduced as potential fee structures.

2017

- Refined version of fees presented to City Commission, which considered a hybrid approach between trip generation and the current structure.
- **City of Fort Lauderdale Infrastructure Task Force Committee**- Recommended the City Commission consider adopting a new stormwater rate methodology based upon the trip generation cost apportionment and to consider using the bond validation process immediately thereafter to validate the methodology.

2018

- **Budget Advisory Board**-Recommended that the City Commission change the methodology used for stormwater charges from using impervious surface to a trip generation model.
- City Commission provided direction to investigate hybrid structure further.
- Significant challenges arose regarding the ability to charge an updated fee using current billing data.

2019

Revenue Requirements

Near Term Needs of the Stormwater Utility

The Utility delivers service through three key areas:

- Operations and Maintenance (O&M) **\$11.5M** — **Funded**
- Renewal and Replacement Capital Projects **\$4M** — **Funded**
- Phase 1 Master Plan Capital Projects **\$200M** — **Unfunded**
 - *Edgewood*
 - *River Oak*
 - *Dorsey Riverbend*
 - *Durrs Area*
 - *Progresso*
 - *Victoria Park*
 - *Southeast Isles*

Goal: Ensure the Stormwater Utility has the resources needed to invest in and maintain the stormwater system that protects the City.

Diagnostic Scenario

FAMS-XL

FT. LAUDERDALE STORMWATER



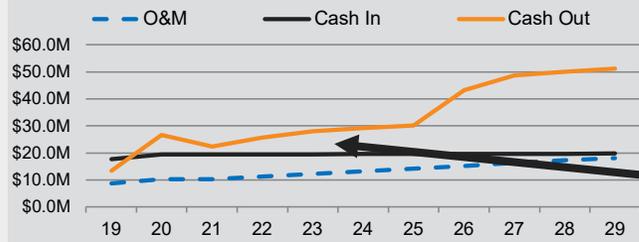
CALC SAVE CTRL LAST OVR

	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2023	FY 2028
Stormwater Revenue Plan	0.00%	16.67%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	16.67%	16.67%
Senior-Lien DSC	0.00	2.86	0.82	0.60	0.52	0.44	0.37	0.17	0.11	0.07	0.05	Scenario Manager	

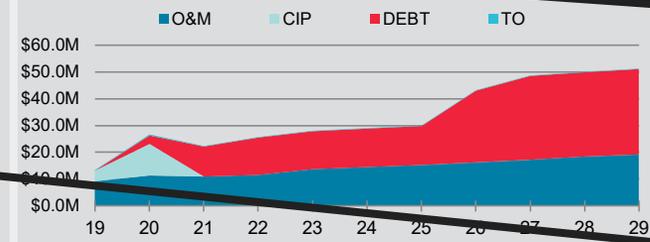
Operating Fund



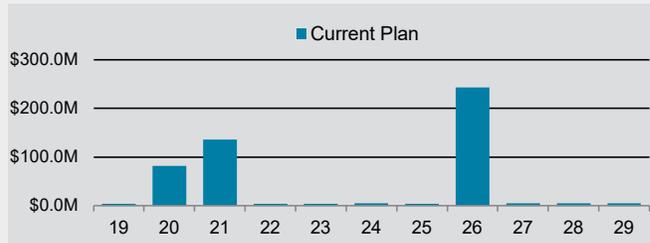
Revenues vs. Expenses



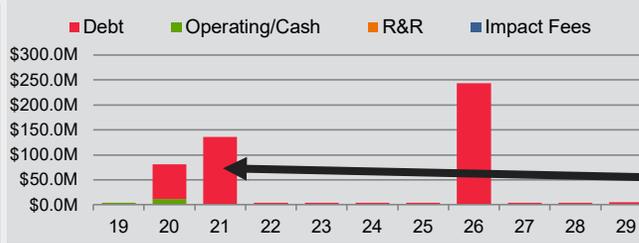
Expenses by Type



CIP Spending



CIP Funding



Borrowing



Current Revenue Level

Impaired Coverage

Deficit Spending

Debt Financing

Required Revenue Adjustments

FAMS-XL

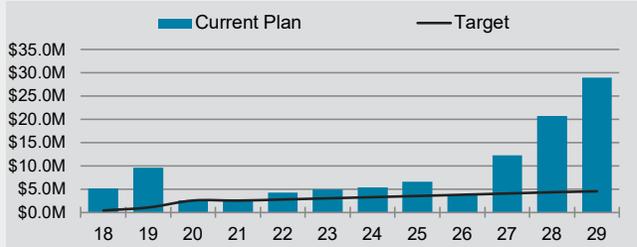
FT. LAUDERDALE STORMWATER



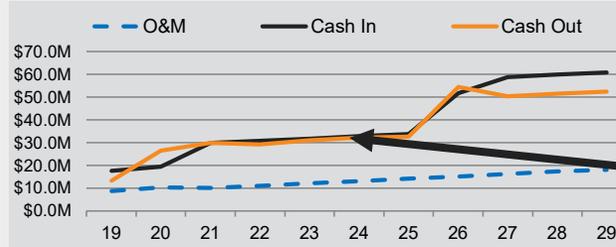
CALC SAVE CTRL LAST OVR

	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2023	FY 2028
Stormwater Revenue Plan	0.00%	16.67%	54.00%	3.02%	2.91%	2.87%	2.79%	53.01%	37.68%	3.02%	1.83%	90.49%	345.12%
Senior-Lien DSC	0.00	2.86	1.82	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	Scenario Manager	

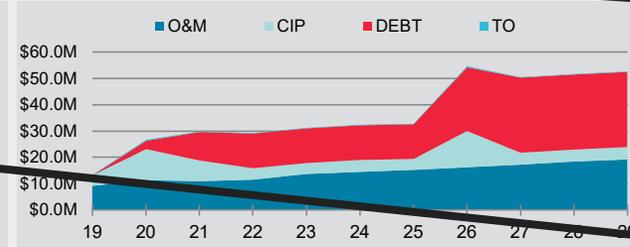
Operating Fund



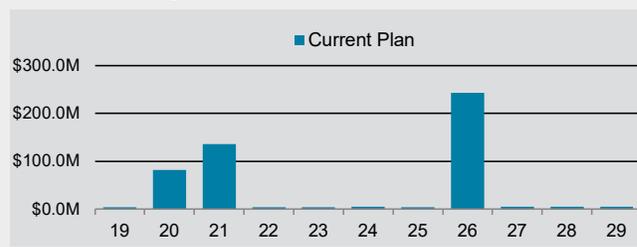
Revenues vs. Expenses



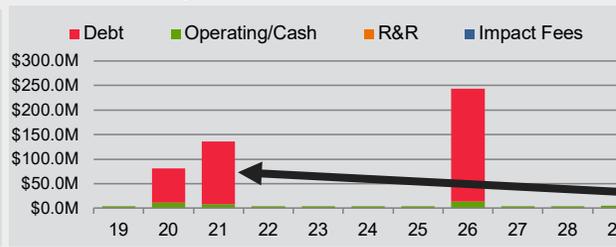
Expenses by Type



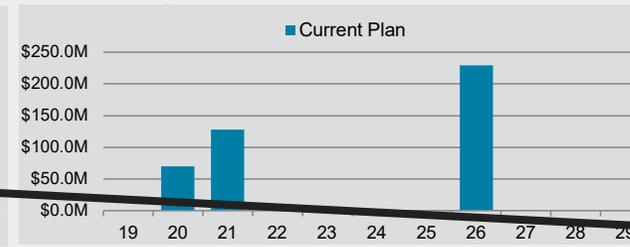
CIP Spending



CIP Funding



Borrowing



54% More Revenue Required

Proper Coverage

Balanced Cash Flow

Debt Financing

Cost Allocation



Options for Stormwater Cost Allocations

Recovery Basis

Method for Measured Units on Parcel

Taxable Value

Dwelling Units

Gross Area

Pervious Area

Impervious Area

Trip Generation



ITE Trip Generation Rates & Specific Parcel Benefit

Single Family
(1 ERU)



9.52
trips
per
day

**Gas Station/
Convenience Store**
(89 ERUs per 1,000SF)

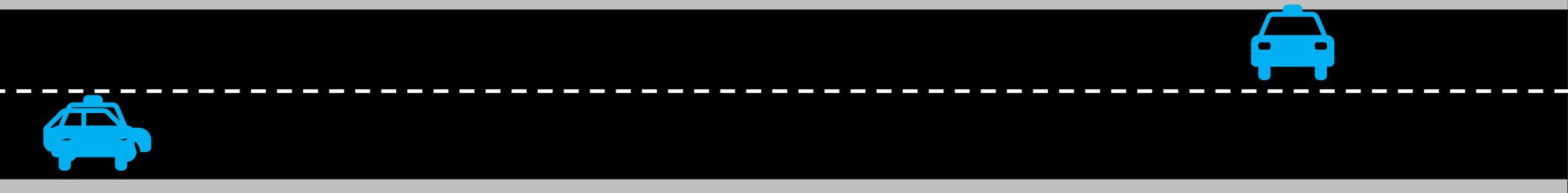


845.60
trips per
1,000SF
per day

Supermarket
(11 ERUs per 1,000SF)



102.24
trips per
1,000SF
per day

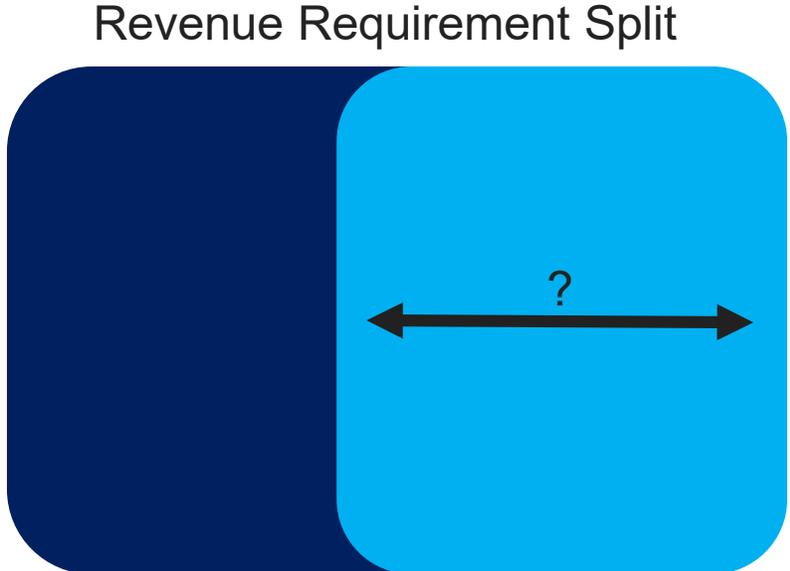




The Hybrid Model

Current Fee Structure (Effective Impervious)

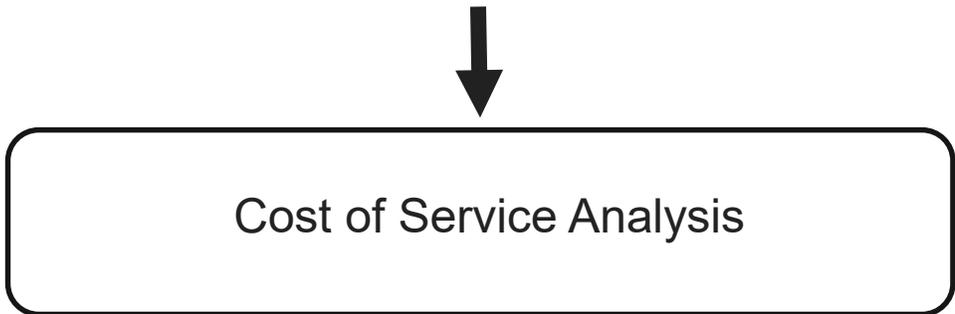
Trip Generation



Objective and Metric Based Split

Key Requirements:

- Updated Billing Units
- Creation of New Billing File
- Defensible Spilt of Cost
 - Quality vs. Quantity



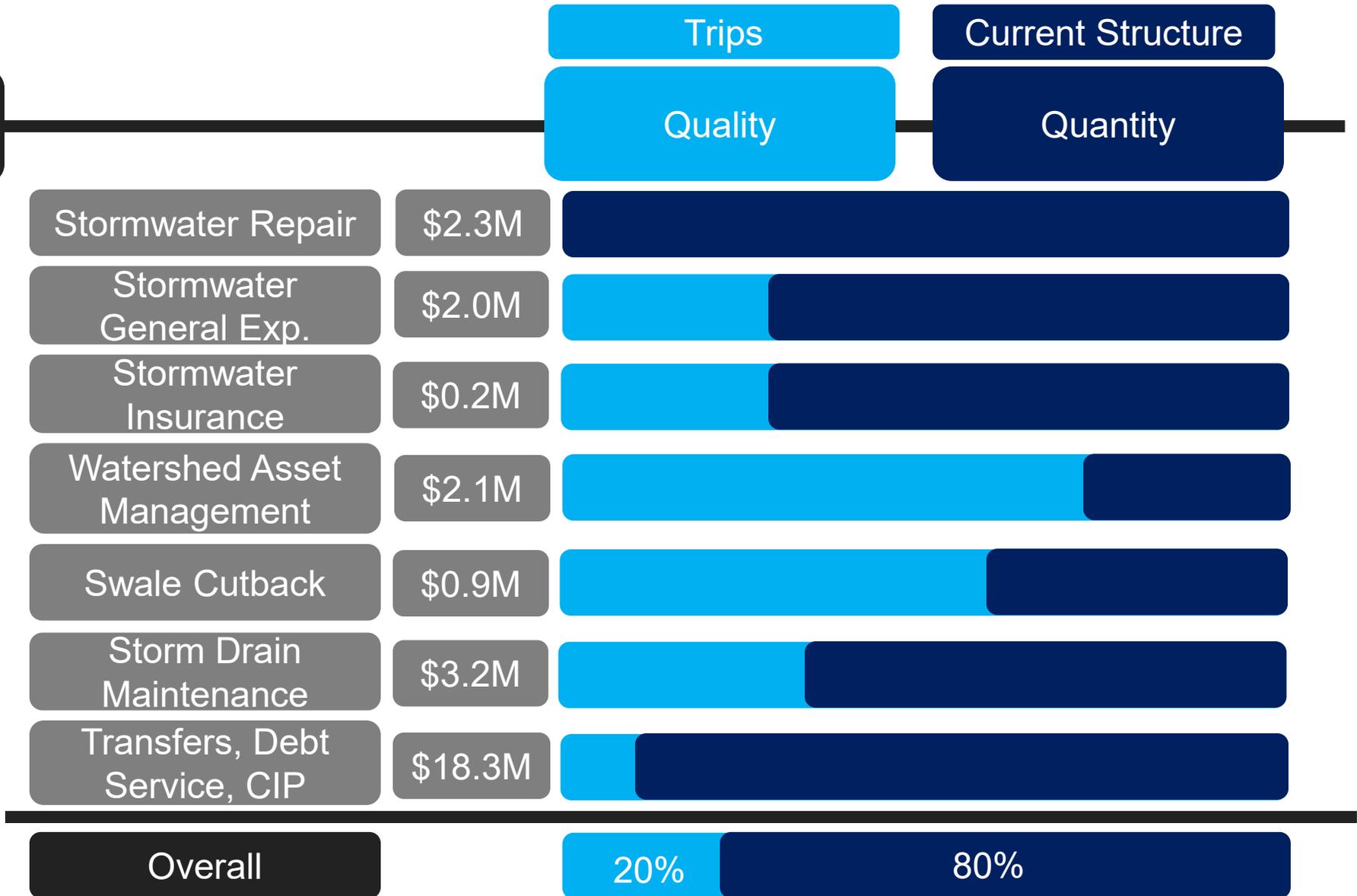
Quality

Quantity

Cost Allocation

Recovery Basis

FY 2021 Expenses \$29M



Fee Structure

Revenue Requirement FY 21 \$32.2M

Current Structure \$25.8M

Single Family	Dwelling Units	\$225.21
Improved	Acre	\$2,340.53
Vacant	Acre	\$583.84

Trip Structure \$6.4M

\$4.28 Per Trip



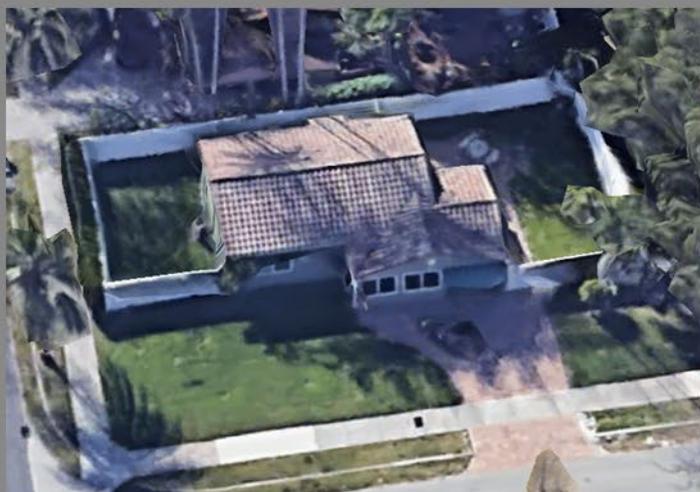
Trip Generation Per Parcel
63 Trip Generation Types

Unique Bill By Parcel

Trips Current



Single Family Home (1 Dwelling Unit)



Current:

Annual

\$168.00

Monthly

\$14.00

Calculated:

\$225.21

\$18.77

Change:

\$57.21

\$4.77

Trip Generation

Current Structure

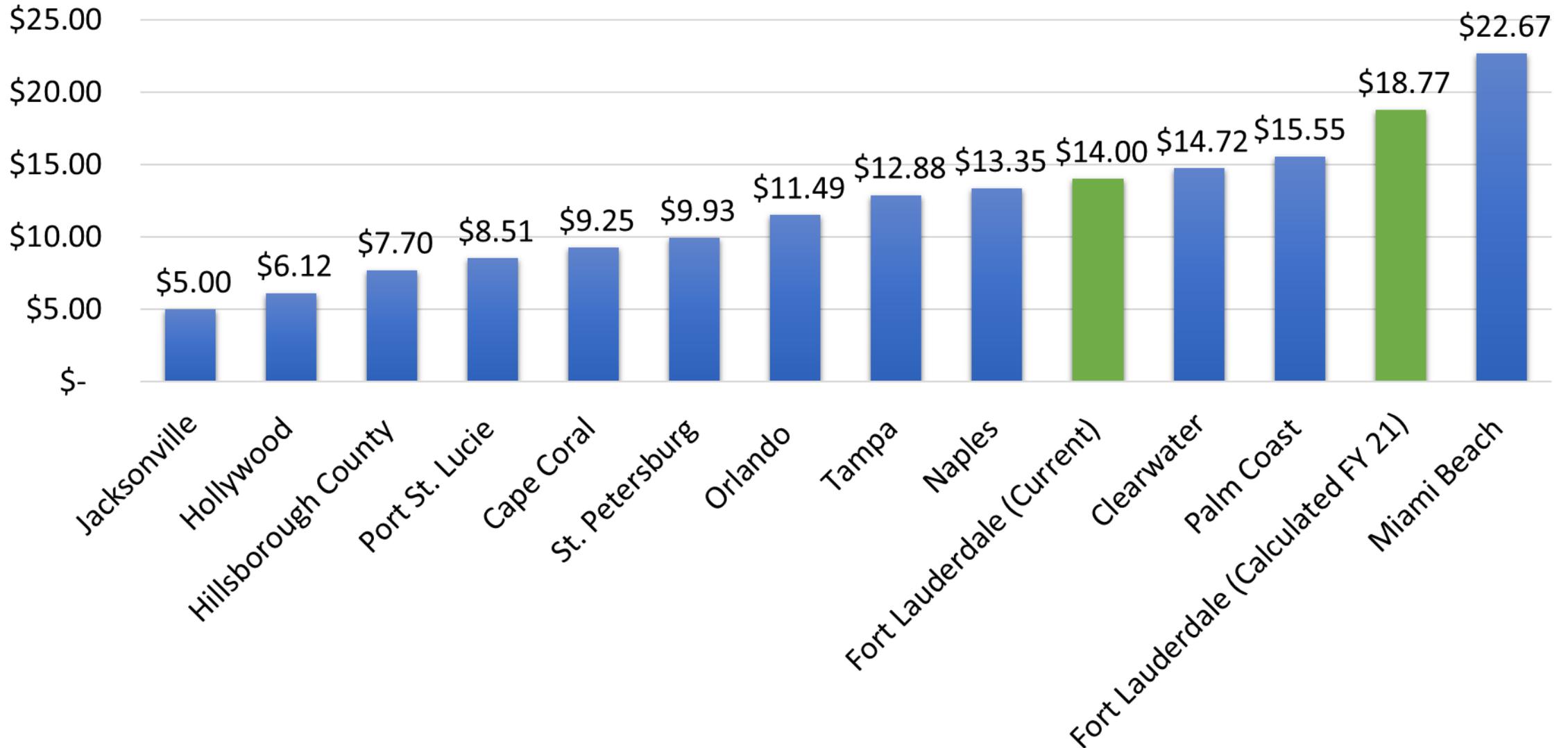
Bill Proportion:

15%

85%

Single Family Fee Survey

Updated Fees



Condo Example (Dwelling Unit)



110 Units

Current:

Annual

\$42.55

Monthly

\$3.55

Calculated:

\$77.86

\$6.49

Change:

\$35.31

\$2.94

Trip Generation

Current Structure

Bill Proportion:

14%

86%

Church Example (SQFT)		Annual	Monthly
	Current:	\$1,428.71	\$119.06
	Calculated:	\$2,596.36	\$216.36
	Change:	\$1,167.65	\$97.30

Building 20,901 SQFT
Parcel 36,750 SQFT

Trip Generation Current Structure

Bill Proportion:



Commercial Example (SQFT)



Building 120,158 SQFT
Parcel 82,526 SQFT

	Annual	Monthly
Current:	\$3,208.30	\$267.36
Calculated:	\$23,105.14	\$1,925.43
Change:	\$19,896.84	\$1,658.07

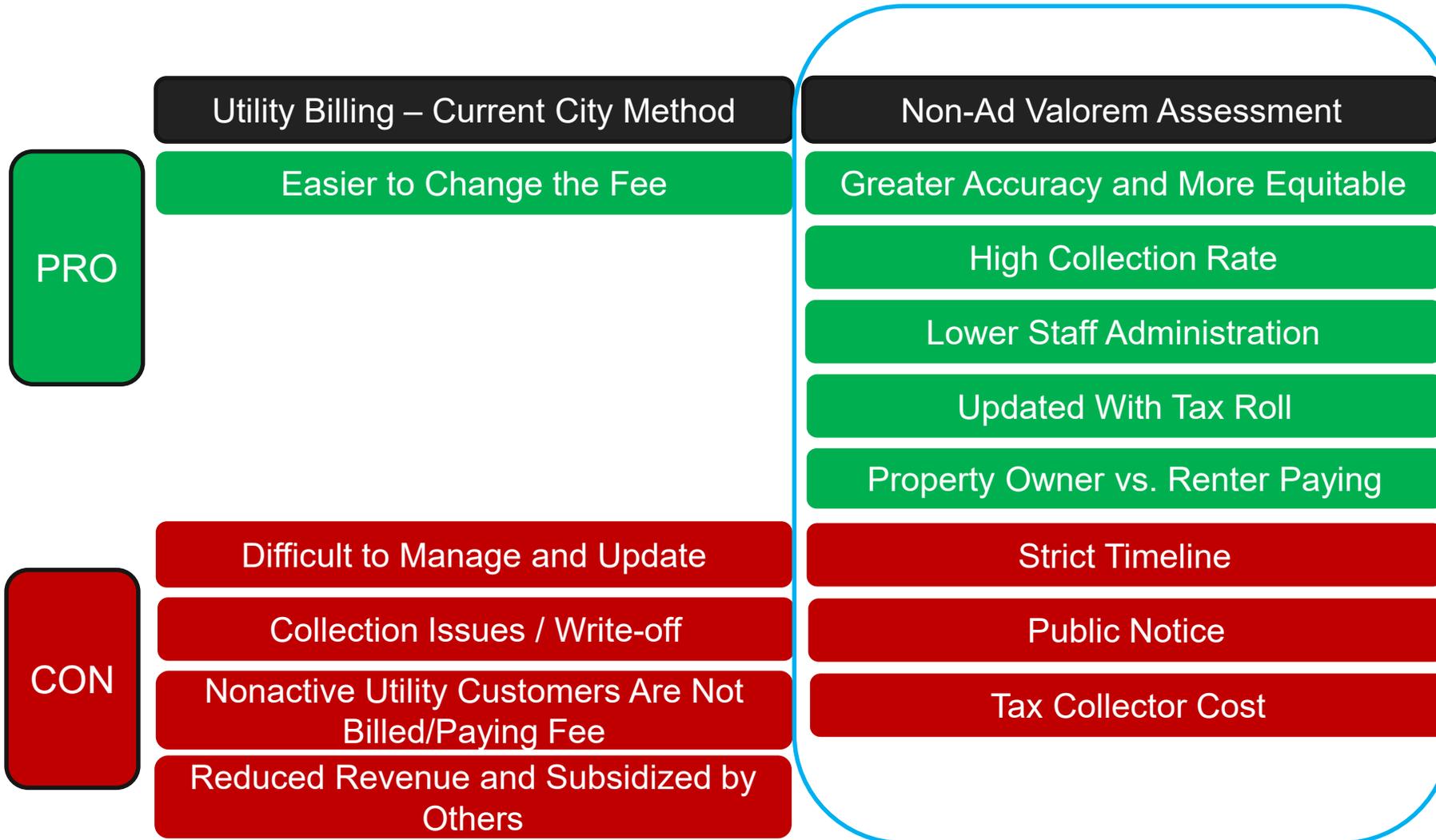


Method of Billing

Stormwater Revenue Collection Method

Method of Collection

Recommended

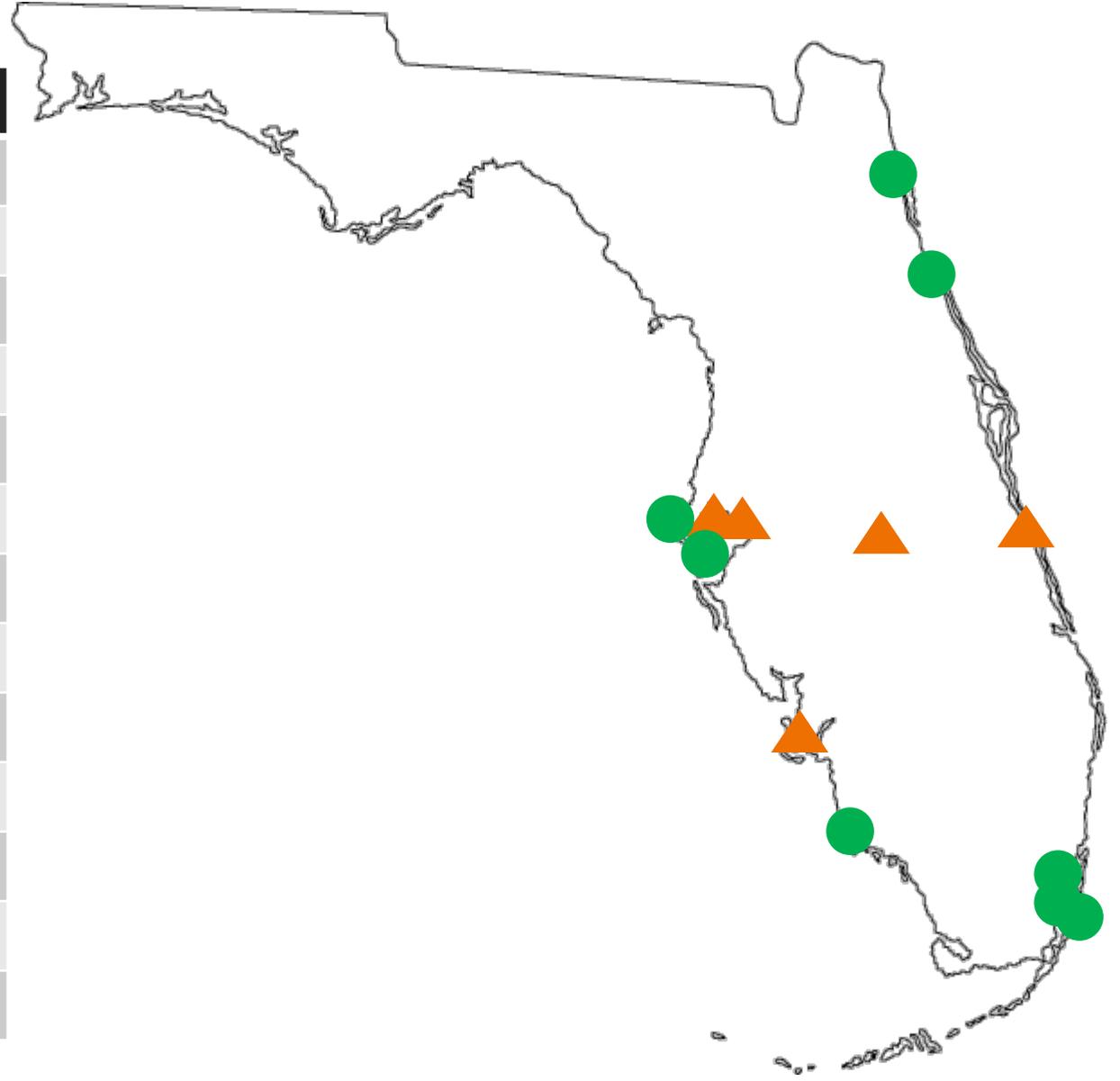




Comparable Municipal Survey

Method of Collection

Utility	Assessment ▲	Utility Bill ●
Fort Lauderdale		X
Tampa	X	
St. Petersburg		X
Miami Beach		X
Palm Coast		X
City of Jacksonville		X
Hollywood		X
Cape Coral	X	
Hillsborough County	X	
Port St. Lucie	X	
Orlando	X	
Clearwater		X
Naples		X





Additional Questions/Discussion



Andrew Burnham

Vice President
(904) 631-5109

Andrew.Burnham@Stantec.com

Kyle Stevens

Managing Consultant
(904) 610-2910

Kyle.Stevens@Stantec.com

LauderTrail Update

NOVEMBER 19, 2019 | 1:30 PM

100 N Andrews Ave, Fort Lauderdale, FL 33301

8th Floor Conference Room





Outline

- Resolution 18-118
- Working Group
- Planning Process
- Vision & Mission
- Proposed Routing
- Collaborations
- Commission Feedback

2018 Commission Annual Action Priority

- Resolution 18-118, adopted June 19, 2018
Appointed Working Group
- First meeting on November 2, 2018



LauderTrail Working Group:



Purpose

To identify a preferred route for a pedestrian/bicycle trail termed LauderTrail connecting destinations throughout the city.

LauderTrail Working Group:



Mission

The LauderTrail Working Group will develop a continuous and comprehensive network of connected urban trail facilities for practical and recreational use, promoting healthy lifestyle and environmental stewardship through collaboration with City staff and stakeholders.

Vision

The LauderTrail working group will help create an urban shared-used trail that will connect neighborhoods and destinations using a route that is safe and enjoyable for locals and visitors.

Progress

The Working Group together with City Staff have worked collaboratively to:

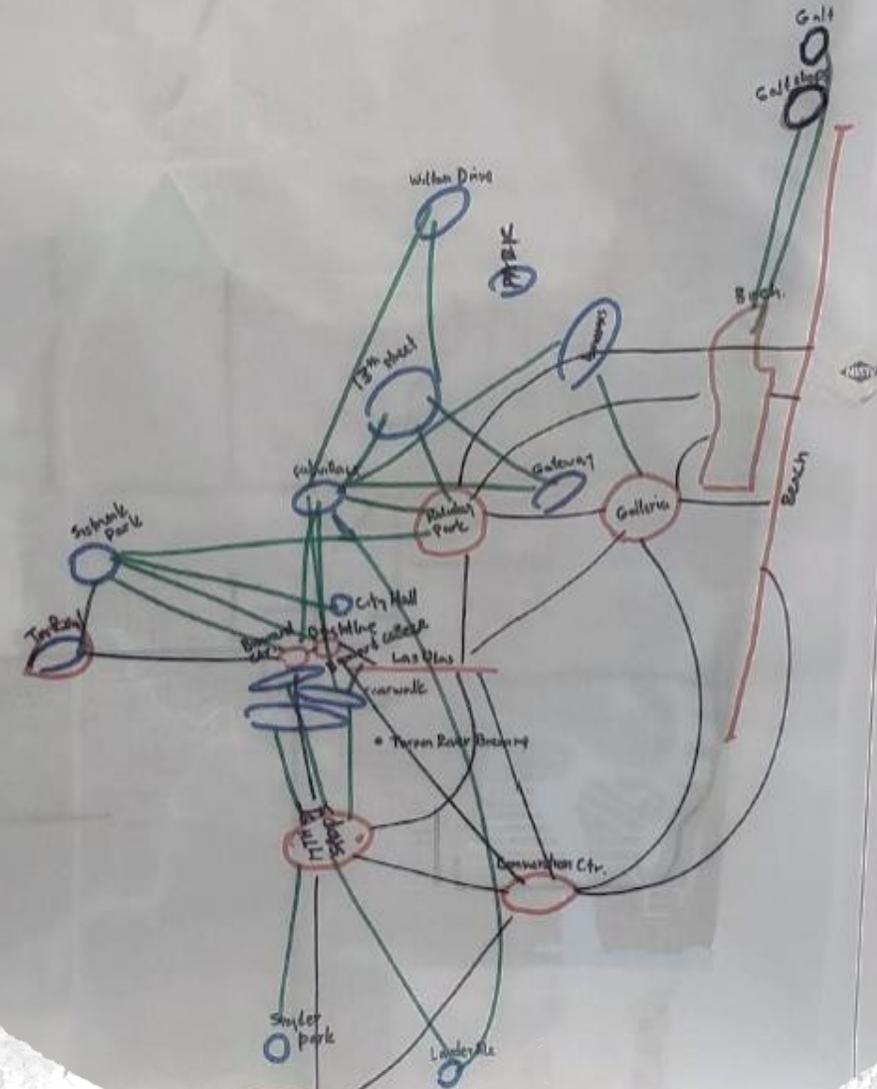
- Identify a Mission and Vision
- Identify routes and facility types
- Identify next steps for implementation
- Identify potential sources of Funding



Route Identification Process

The Working Group identified:

1. Regional destinations (RED)
2. Local destinations (BLUE)
3. As-the-crow-flies connections (BLACK)
4. Potential routes connecting destinations (GREEN)





Major Destinations

- Business Districts
- Parks
- Cultural Attractions
- ...And connecting them all



Existing Facilities*

- Trail/Shared Use Path – 3.5 miles
- Buffered Bicycle Lane – 1.6 miles
- Bicycle Lanes – 35 miles



* As of August 2019

Feasible Proposed Route

- Connect destinations
- Connect existing facilities

-  Existing Bike Lanes and Buffered Bike Lanes
-  Trails
-  Proposed Route



Core Route

NEW TRAIL

- 4.7 miles (overall)

NEW PROTECTED BIKE LANES

- 1.4 miles (overall)

NEW BIKE LANES

- 0.4 miles (overall)

TOTAL NEW FACILITIES: 6.5 mi

LEGEND

Proposed
LauderTrail
Route

Proposed
LauderTrail
Connections

Activity
Areas

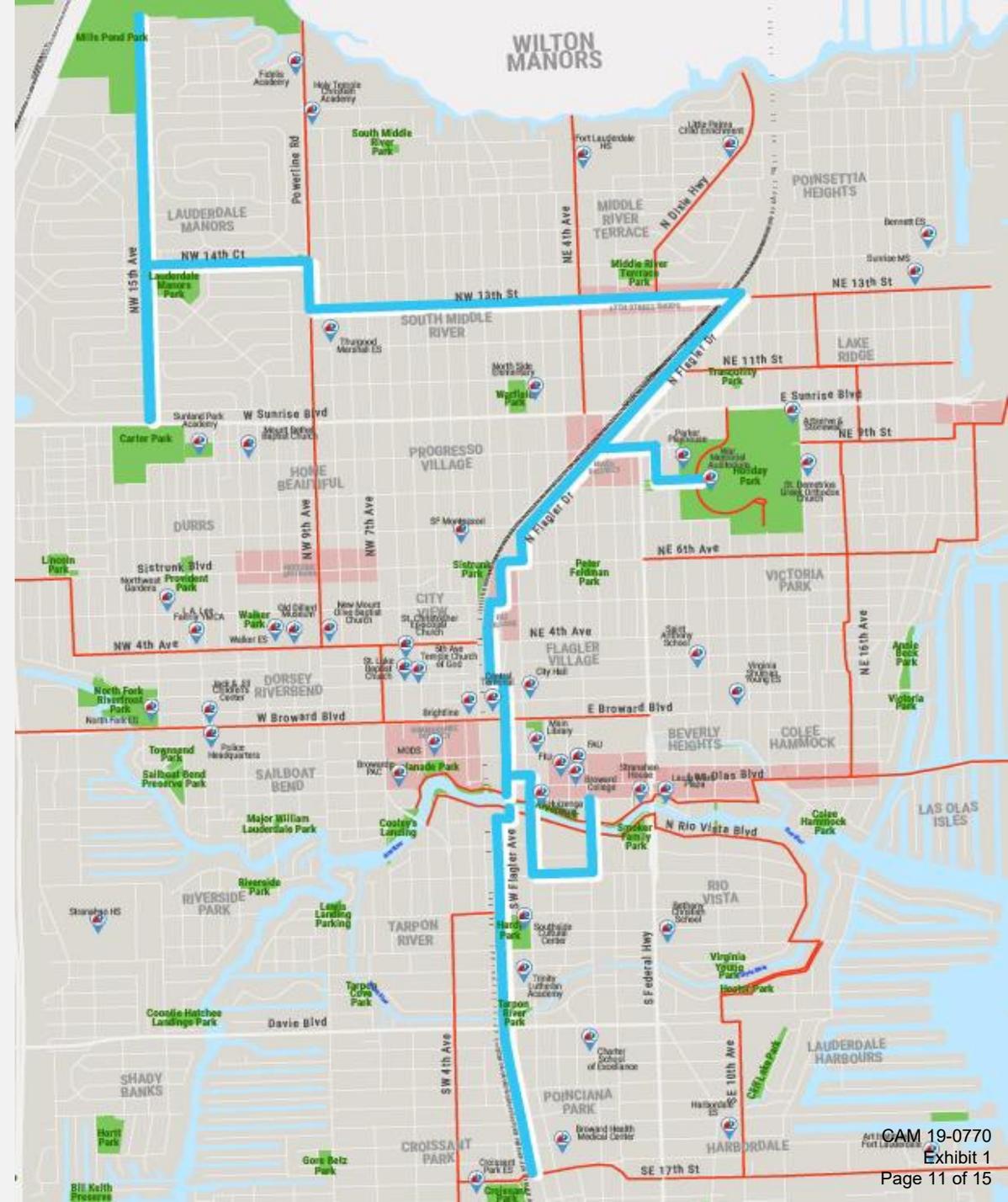
FEC ROW

Parks

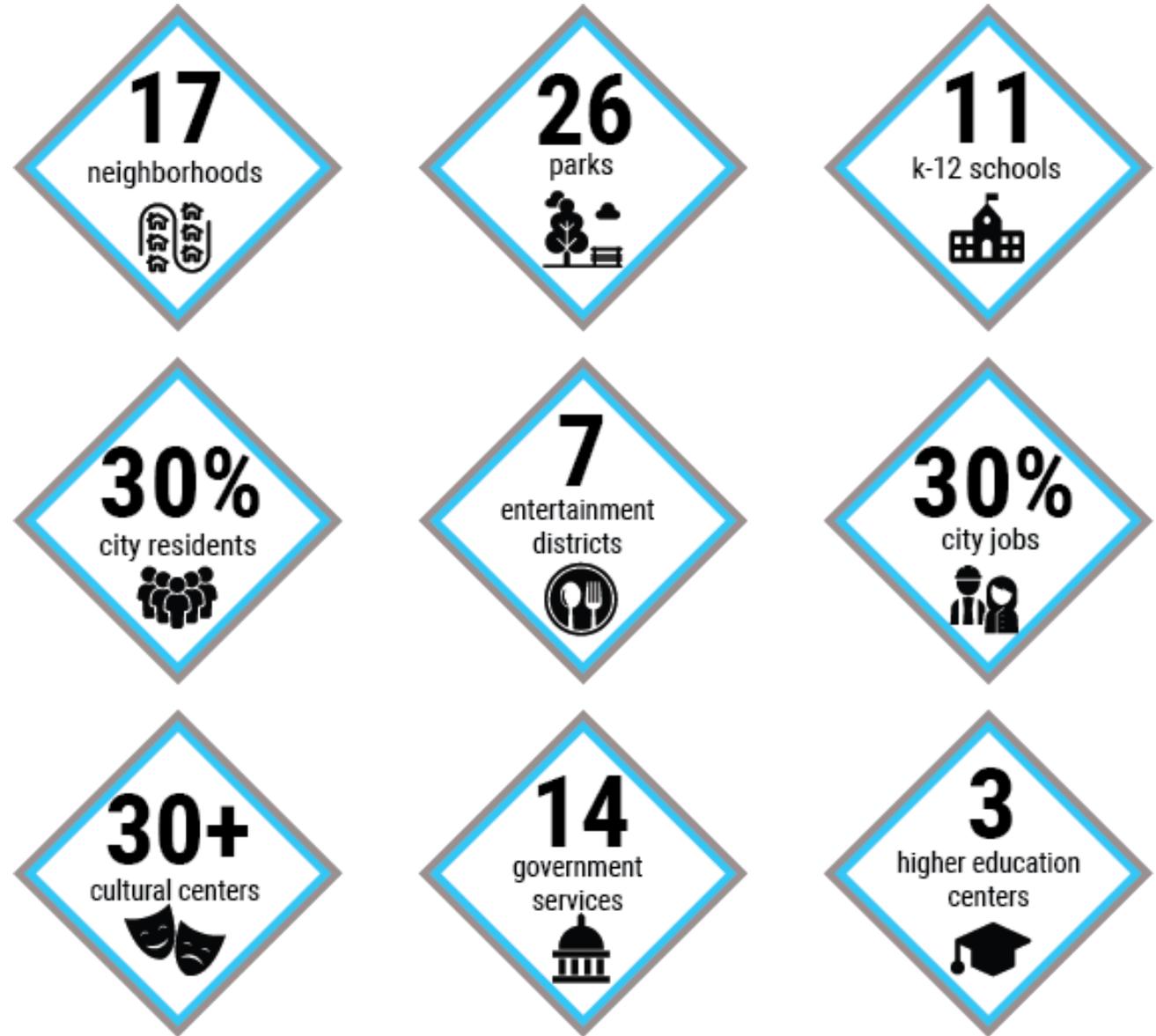
Waterways



Destinations



Trail Connections



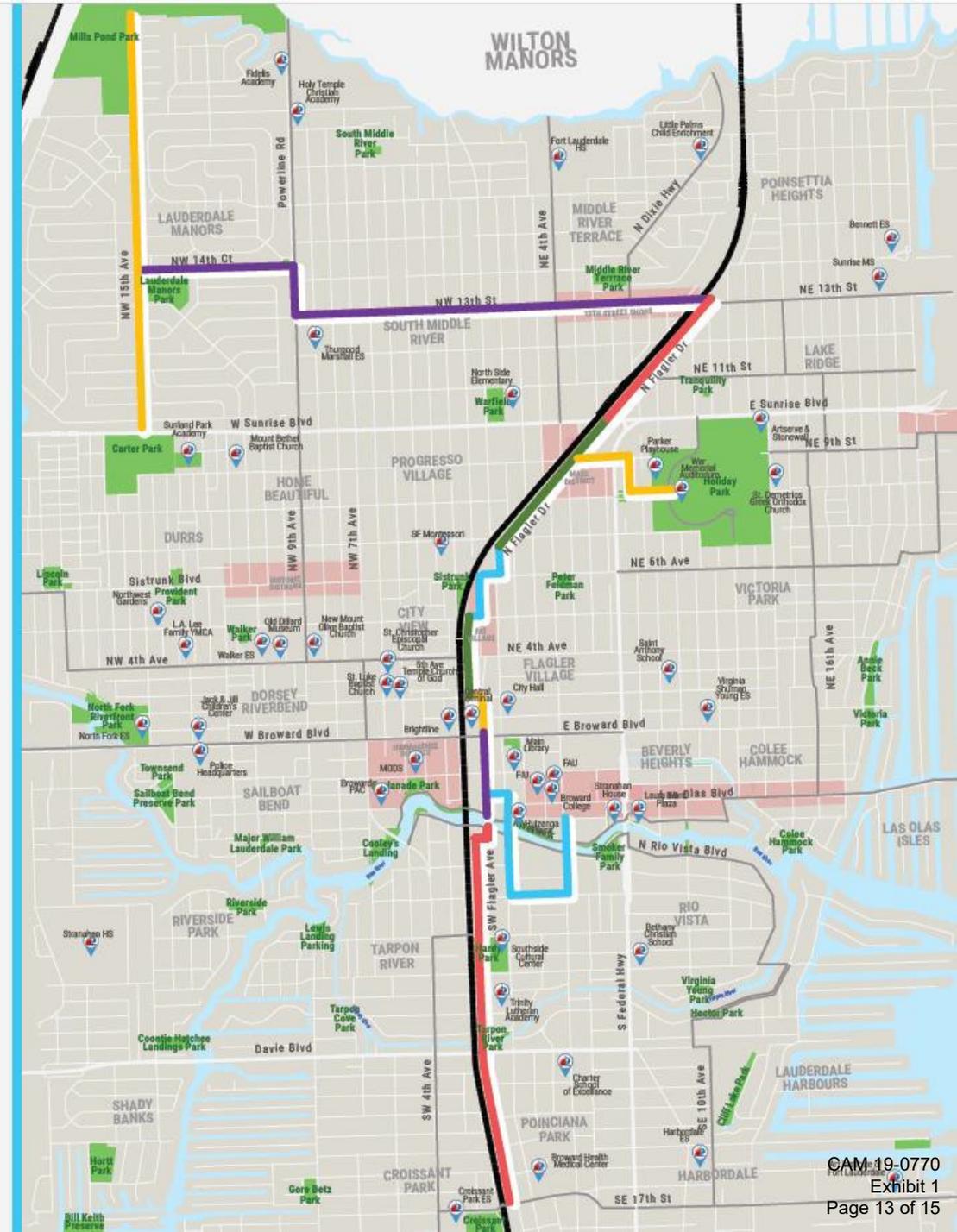
Figures based proximity analysis to proposed trail route (1/4 mile buffer). Source: City of Fort Lauderdale GIS; US Census: ACS 2016 Population Estimates; US Census Longitudinal Employer-Household Dynamics 2015.

Prioritization

- Phase IA – existing programmed projects
 - NW 15th Ave
 - Mobility Hub
 - Flagler Greenway connection
- Phase IB – expansion of Flagler Greenway
 - Sunrise to NE 13th St
 - New River to SE 17th St

LEGEND

- Phase 1A
- Phase 1B
- Phase 2A
- Phase 2B
- Existing Trail
- Proposed Connections
- Activity Areas
- FEC ROW
- Parks
- Waterways
- Destinations



Next Steps

- Commission acceptance of route recommendation
- Combine efforts with Mockingbird Trail
- Parks Bond Funding
- Continued implementation support
- Commission Feedback and Direction



Questions

<http://bit.ly/Laudertrail>

Karen Warfel

KWarfel@fortlauderdale.gov

Ingrid Kindbom

IKindbom@fortlauderdale.gov

Parking Fund Overview

A Review of the Parking Fund with Citation and Hourly Parking Rate Recommendations

November 19, 2019



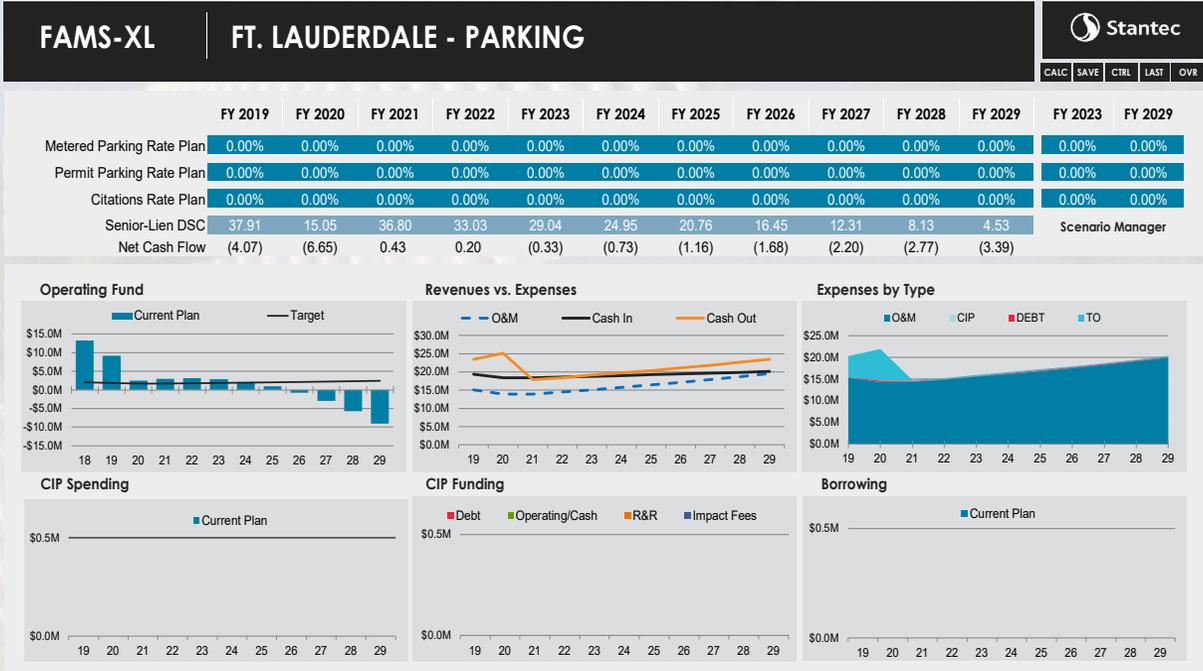
Parking Fund Background

- Self-Sustaining Enterprise Fund

- Revenue comes from:
 - Meter Revenue
 - Parking Citation Revenue
 - Parking Permit Revenue

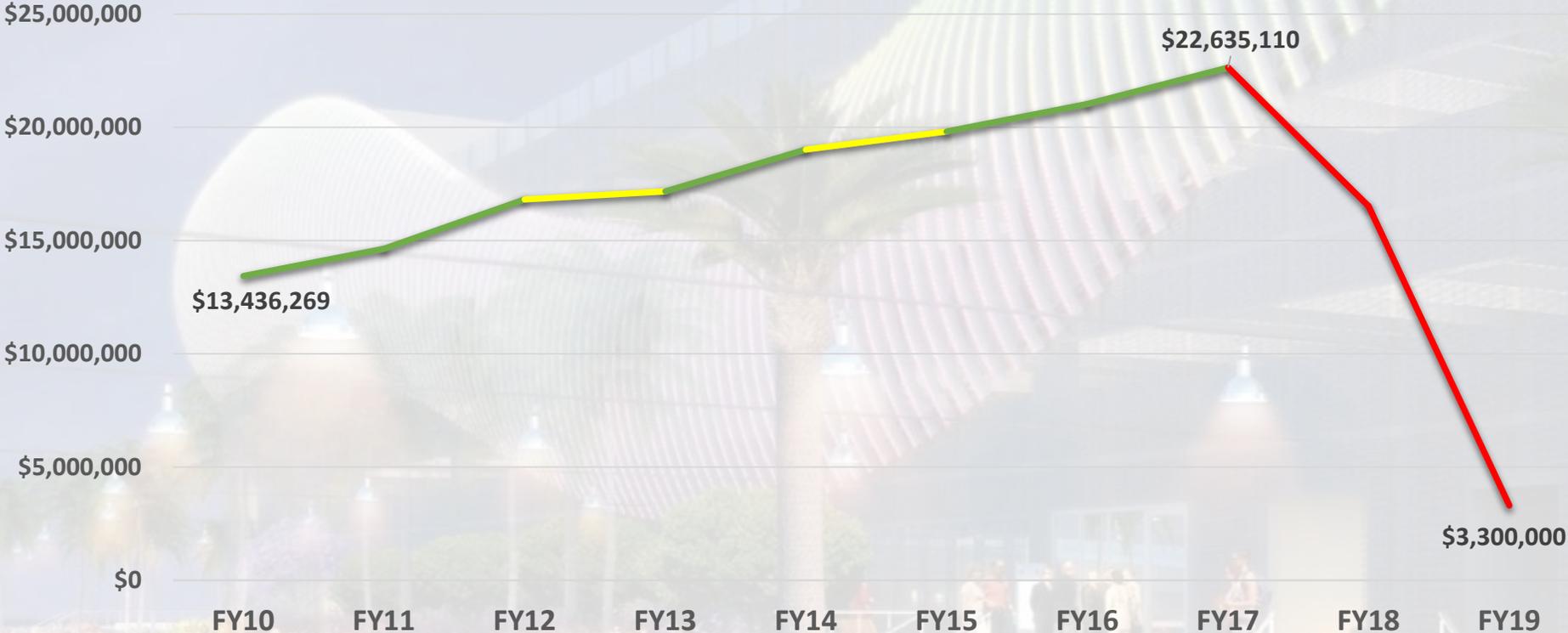
- Fund Revenue can only be used for parking operations and parking capital improvements that will enhance or sustain revenue

- Stantec Model illustrates future financial concerns



Parking Fund Balance Overview

- Parking Reserves continue to decline
 - Estimated 2019 balance: \$3,300,000



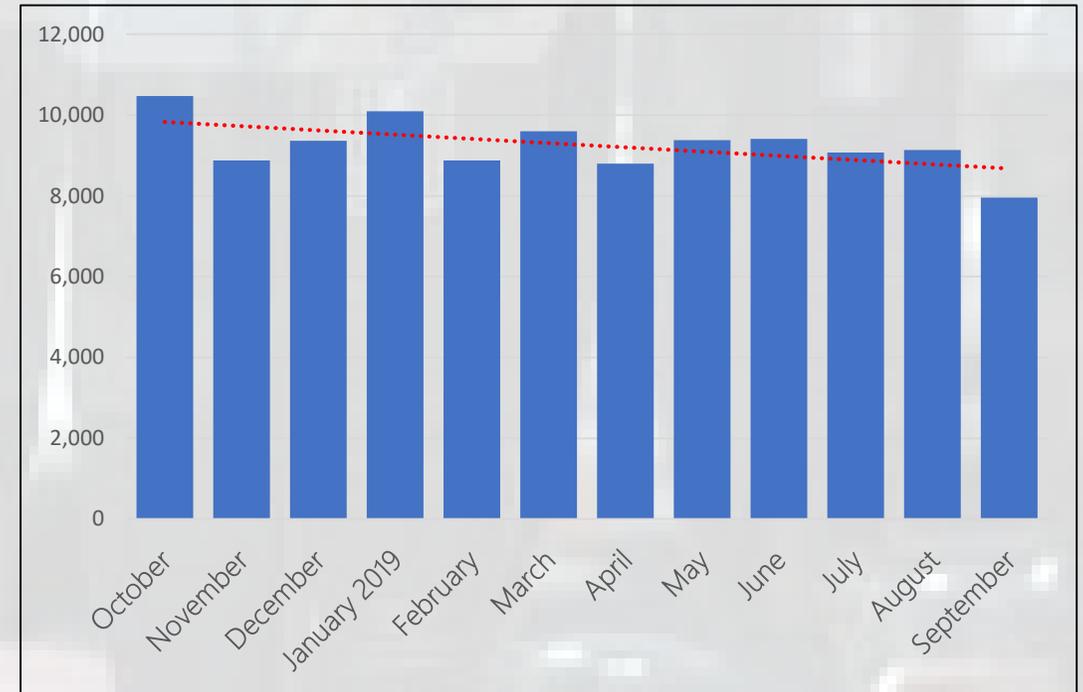
Parking Fund Future Considerations

Service Impact	Potential Annual Need
Riverwalk Garage Structural	\$2,250,000
Loss of Parking Inventory	\$1,750,000
Replenish Parking Reserve Fund	\$1,000,000
Parking Capital Asset Improvements	\$1,000,000
Technology Improvements	\$250,000
Las Olas Garage Tram Service	\$175,000
PROJECTED TOTAL	\$6,425,000

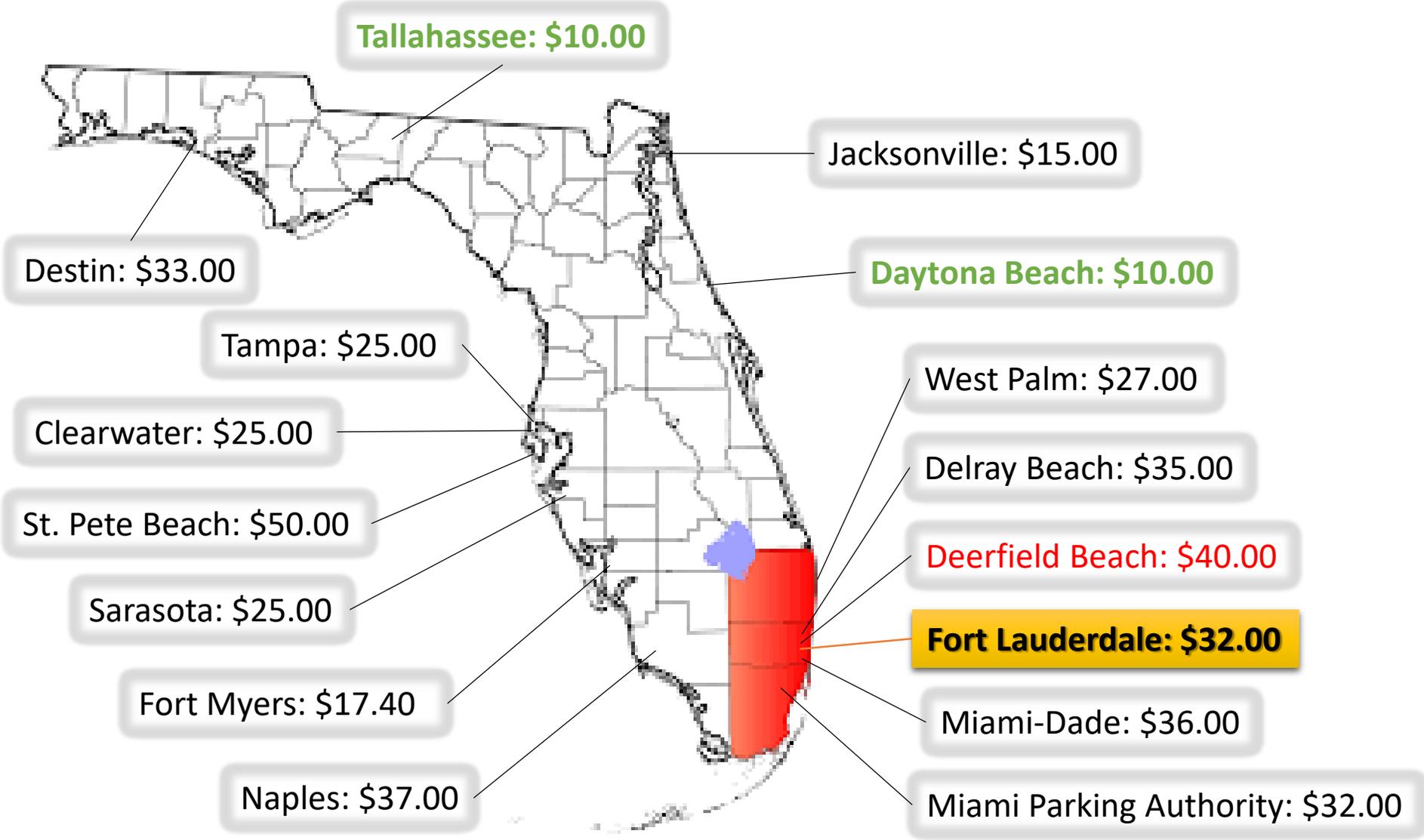
Parking Citations Background

- 24/7 Operations with:
 - 5 Operating zones
 - 24 Employees
 - 15 Vehicles
 - License plate reader technology
- 132,000 citations issued (3-year Average)
- 84% of citations is for overtime parking
- A portion of the fine goes to the Crossing Guard Program (\$868k annually)

Citations issued in the past 12 months



Parking Citations Market Comparison*



*For illustrative purposes only – rate structures are not easily comparable

Parking Citation Recommendation

- Increase the citation base rates to \$40.00
 - Current rates higher than \$40.00 will not be increased
- **Projected impact of over \$800,000 per year**

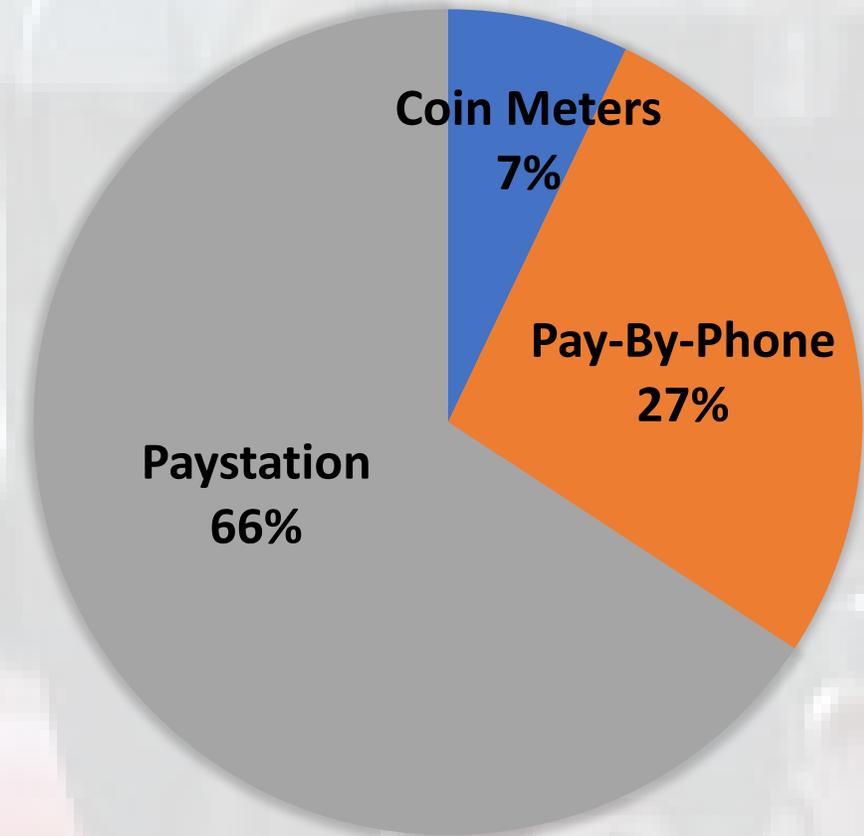
Current Fee	Issued*	Current Value	Proposed Value	Variance
\$32.00	99,184	\$3,173,888	\$3,967,360	\$793,472
\$37.00	13,471	\$498,397	\$538,840	\$40,443
TOTAL	112,655	\$3,672,285	\$4,506,200	\$833,915

*Citations less than \$40.00 that were issued between 10/01/18 – 09/30/2019

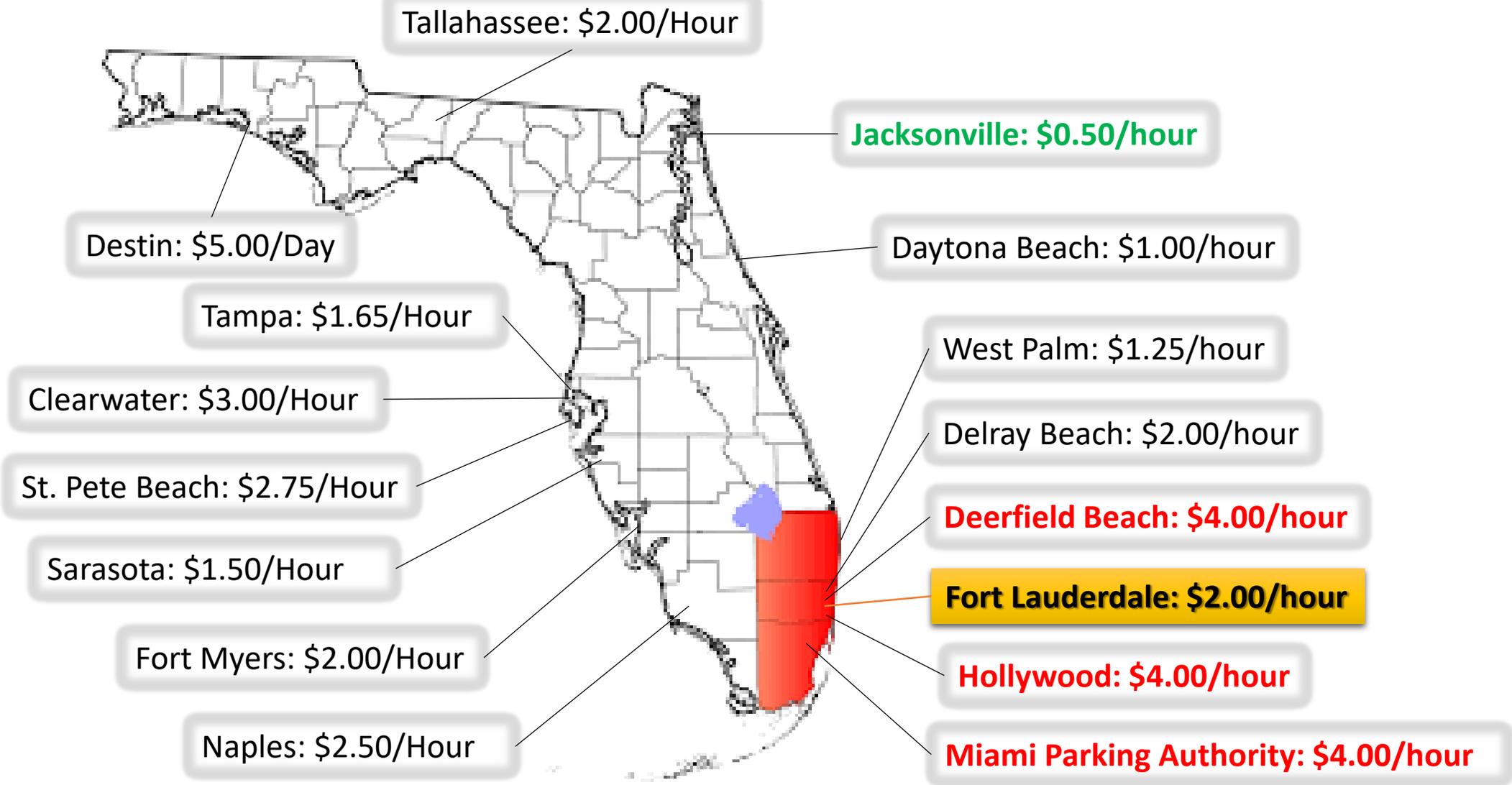


Hourly Parking Background

- Revenue Sources
 - Multi-Space Pay Stations: \$7.4M
 - Pay-By-Phone: \$3.0M
 - Single Space Meters: \$950k
- Rates vary by area and facility type
 - Galt Mile Meters: \$0.50/hour
 - Riverwalk Center Garage: \$1.25/hour
 - Las Olas Meters: \$1.75/hour
 - Las Olas Garage: \$2.00/hour



Hourly Parking Market Comparison*



*For illustrative purposes only – rate structures are not easily comparable

Hourly Parking Recommendations

- Standardize parking rates by geographical area
- Implement a resident discount rate (via mobile device)
- Standardize minimum purchase of 30 minute segments

	Current City Range	Resident Rate*	Non-Resident Rate
Barrier Island	\$0.50 - \$2.00	\$1.50	\$4.00
Downtown	\$1.00 - \$1.75	\$1.50	\$3.00
All Other Areas	\$0.50 - \$1.25	\$1.00	\$2.00

Hourly Parking Recommendations

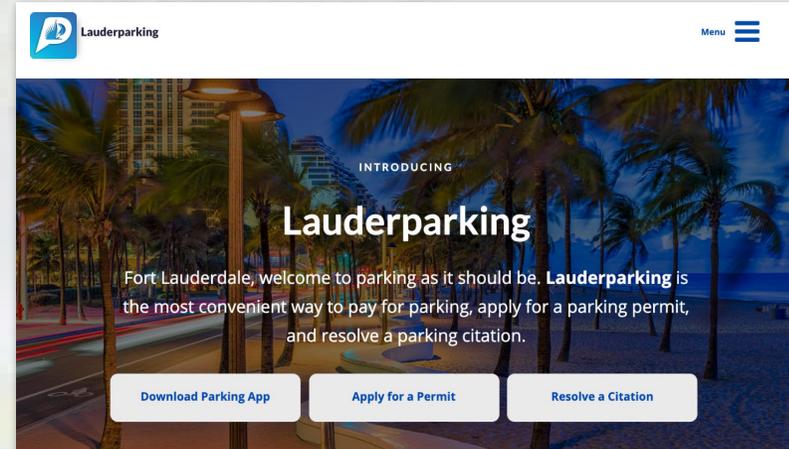
- Over 5.6 million transactions annually
- Difficult to forecast as the data doesn't currently distinguish between resident & non-resident transactions
- Based on other operations, we assume 40% of transactions will be resident rates.

• **Projected impact of over \$6,300,000 per year**

	Annual Transactions	Transaction Percentage
Barrier Island	2,297,740	41%
Downtown	3,115,934	56%
All Others	193,563	3%

Other Updates

- Parking System Modernization
- Revised Parking Ordinance (Chapter 26)
- Payment Options



Fort Lauderdale Ordinance Review

Adjustments to Existing Ordinances

The table below includes the sections of the Fort Lauderdale Municipal Code that have recommended adjustments based on industry best practices. The red text in the 'suggested ordinance language' column are the portions that have been adjusted.

Current Language	Comments	Suggested Ordinance Language
Curb loading zone means a space adjacent to a curb reserved for the exclusive use of vehicles during the loading or unloading of passengers or materials. [...]		Curb loading zone means a space adjacent to a curb reserved for the exclusive use of vehicles while actively loading or unloading passengers or materials. [...]
Freight curb loading zone means a space adjacent to a curb for the exclusive use of vehicles during the loading or unloading of freight. [...]	Amend definition of various loading zones to only allow use while actively loading or unloading.	Freight curb loading zone means a space adjacent to a curb for the exclusive use of vehicles while actively loading or unloading freight. [...]
Passenger curb loading zone means an area adjacent to a curb reserved for the exclusive use of vehicles during the loading or unloading of passengers.		Passenger curb loading zone means an area adjacent to a curb reserved for the exclusive use of vehicles while actively loading or unloading passengers.
Parking meter zone means a restricted street, boulevard or avenue, upon which parking meters are installed and in operation.	Parking areas requiring payment may not always have meters directly in front of parking stalls.	Parking management zone means an established area, a restricted street, boulevard or avenue, parking lot or garage upon which parking of vehicles is regulated by time limits, permit restrictions, or paid parking.
Payment means payment by use of credit/debit card, Pay By Phone , and/or United States of America coins and/or bills.	Expand definition for any mobile payment and future payment technological options.	Payment means payment by use of credit/debit card, United States of America coins and/or bills, mobile device, and/or any other approved payment method accepted by the City.
NEW Definition	Add a definition for "permits" to allow	Permit means to include virtual, license plates, stickers,



Questions?

**AUDIT ADVISORY BOARD REGULAR MEETING
CITY OF FORT LAUDERDALE
7th Floor Conference Room
Thursday, August 22, 2019, 5:00 PM**

<u>Board Member</u>	<u>Attendance</u>	Cumulative Attendance	
		<u>Present</u>	<u>Absent</u>
		10/1/18 – 9/30/19	
D. Keith Cobb, Chairman	A	4	2
Paul Czerwonka	P	6	0
Thomas Bradley	P	6	0
Lane Hacker	P	1	0

Staff Present

Linda Short, Chief Financial Officer
 Laura Garcia, Acting Deputy Director, Finance
 Devin Carter, Acting Controller, Finance
 John Herbst, City Auditor
 Laura Reece, Director, Budget
 Jerome Post, Deputy Director, Human Resources
 Tarlesha Smith, Director, Human Resources
 Ashley Feely, Management Analyst, Finance
 Yvette Matthews, Senior Budget & Management Analyst
 Kerry Arthurs, Administrative Supervisor, Human Resources
 Debra Conyers, Board Liaison

Other Attendees

John Weber, Crowe, LLP

Roll Call

At the time of roll call, three appointed members to the Board were present, allowing for a quorum.

Floor Open for Public Input

Tom Bradley opened the floor for public input. No members of the public came forward.

Communication to the City Commission

Motion made by Paul Czerwonka, seconded by Lane Hacker: The Audit Advisory Board is uncomfortable with the delays in the production of City financial statements due to the extremely late delivery of reports from the pension boards' actuaries. This has been a recurring problem for the past several years and the Audit Advisory Board requests the City Commission take some action to accelerate delivery of those actuarial reports. In a voice vote, the motion passed unanimously.

Adjournment

The meeting adjourned at 6:23 PM



CITY OF FORT LAUDERDALE

DRAFT COMMUNICATION TO CITY COMMISSION
BEACH REDEVELOPMENT BOARD (BRB)
100 NORTH ANDREWS AVENUE
8th FLOOR CITY COMMISSION CONFERENCE ROOM
FORT LAUDERDALE, FL 33301
Monday, September 23, 2019, 2:30 P.M.

MEMBERS	FEB 2019/JAN 2020				
	REGULAR MTGS		SPECIAL MTGS		
	Present	Absent	Present	Absent	
Thomas B. McManus, Chair	P	7	0	1	0
Art Bengochea, Vice Chair	P	7	0	1	0
Vincent Ang	P	6	1	1	0
Jason Crush	P	4	1	1	0
Jason Hughes	P	7	0	1	0
Monty Lalwani	P	6	1	0	1
Christian Luz	P	4	3	1	0
Shirley Smith	P	7	0	1	0
Aiton Yaari	P	5	2	1	0
Frank Smith	P	1	0	0	0

Staff

Don Morris, Beach CRA Manager
Cija Omengabar, CRA Planner
Thomas Green, Project Manager, Beach CRA
Chijioke Ezekwe, CRA Senior Project Manager
Jamie Opperee, Prototype, Inc.

Guests

John Burn, Central Beach Alliance

Communication to the City Commission

Motion made by Mr. Yaari, seconded by Mr. Crush, to recommend the City and CRA hold a grand opening media day event to showcase the Las Olas Boulevard and other upcoming City projects. The event should be separate from the holiday lighting event and there should be appropriate funding to provide a showcase for the event. The purpose is to reintroduce the beach to tourists, residents, and businesses. In a voice vote, the motion passed unanimously.



CITY OF FORT LAUDERDALE

**COMPLETE COUNT ADVISORY COMMITTEE
MEETING MINUTES**
Friday, November 8, 2019 | 5:30 – 7:00 P.M.
Fort Lauderdale City Hall, 100 N. Andrews Avenue
City Commission Conference Room

COMMITTEE MEMBERS PRESENT

David Brown (via telephonic participation)
Ann Mihaiu
Corey Thiel
Luke Harrigan
Stephanie Rosendorf
Jeffrey Thompson

COMMITTEE MEMBERS ABSENT

Michael Grady
Christopher Smith
Dana Somerstein

Attendance: 6

Appointed Members to the Committee:

9 Needed to constitute a quorum: 5

STAFF

Junia Robinson, staff liaison
Jamie Opperlee, prototype, Inc.

Communication to City Commission

The Complete Count Advisory Committee is requesting a budget of \$43,750, with the agreement that the Committee will return \$1 for every \$2 raised in promotional efforts.

The Complete Count Advisory Committee is requesting City of Fort Lauderdale Staff insert the Fort Lauderdale designed census logo in all email signature blocks (see logo attached).

In addition, the Complete Count Advisory Committee is requesting City Staff to include the census logo and information about the census in all City general, printed and online communication to the public including residents, businesses and visitors from now until the U.S census is complete.

Motion made by Jeffrey Thompson, seconded by David Brown. In a voice vote, the motion unanimously passed.



**City of Fort Lauderdale
Infrastructure Task Force Committee
November 4, 2019
8th Floor City Commission Room – City Hall
Fort Lauderdale, FL 33301**

MEMBERS		PRESENT	ABSENT
Marilyn Mammano	P	29	1
Ralph Zeltman	P	29	1
Peter Partington	P	9	1
Roosevelt Walters	P	26	4
Fred Stresau	P	25	5
Norm Ostrau	P	27	1
Jacquelyn Scott	P	12	3
Gerald Angeli	P	6	0

Staff Present

Aneisha Daniel, Deputy Director- Public Works
 Talal Abi-Karam, P.E. Assistant Public Works Director - Utilities
 Dr. Nancy Gassman, Assistant Public Works Director-Sustainability
 Omar Castellon, Chief Engineer
 Jill Prizlee, Chief Engineer
 Fred Harris, Sr. Technology Strategist
 Meredith Shuster, Senior Administrative Assistant
 Pauline Ricketts, Administrative Assistant
 Prototype-Inc. Recording Secretary, Tatiana

Roll was called at 2:02 p.m. and a quorum was established.

Communication to the City Commission

With a quorum present, the Infrastructure Task Force by consensus communicates to the City Commission:

1. It is in favor of broadly considering the Public, Private Partnership (P3) approach [for the replacement of the Fiveash Water Treatment Plant] providing that no form of P3 allows that the City give up ownership of the water, water quality or rate structure.
2. Prior to supporting a P3 the City should hire a consultant to evaluate the different type of P3's that would be appropriate and beneficial to the City on this project and further urges the City Commission to begin the process of finding said consultant sooner rather than later should the P3 approach be determined to be the direction the City Commission chooses.
3. The Infrastructure Task Force supports the purchase of an allocation from the C-51 Reservoir and executing a Capacity Allocation Agreement.