

City of Fort Lauderdale

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



Meeting Minutes

Tuesday, May 21, 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 1:38 p.m.

ROLL CALL

Commission Members Present: Commissioner Heather Moraitis, Commissioner Steven Glassman, Vice Mayor Robert L. McKinzie (arrived at 2:22 p.m.), Commissioner Ben Sorensen, and Mayor Dean J. Trantalis

QUORUM ESTABLISHED

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

CITY COMMISSION REPORTS

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

Commissioner Moraitis discussed plans for the Lockhart Stadium Site (Project). Several schools requested she speak on the Project. Commissioner Moraitis said she spoke to the Student Government at Pine Crest School.

The EDSA architectural plans for the Project's Community Center are scheduled to be presented as noted below:

June 3, 2019 - District I Pre-Agenda Meeting (receive community input);

June 11, 2019 - Fort Lauderdale Executive Airport (FXE) (receive FXE tenant input);

June 18, 2019 - Commission Conference Meeting (community input and FXE tenant input also presented); and

June 26, 2019 - Parks, Recreation and Beaches Advisory Board (PRBAB) (community input and FXE tenant input also presented)

Commissioner Moraitis commented on additional details moving forward, including coordination with Phil Thornburg, Director of Parks and Recreation, and meetings with the PRBAB.

In response to Mayor Trantalis' question, City Manager Chris Lagerbloom confirmed efforts to coordinate a Commission Joint Workshop with the PRBAB in advance of the July 9, 2019 Commission Regular Meeting, noting that dates are circulating.

In response to Mayor Trantalis' question, Commissioner Glassman confirmed plans for the Breakers Avenue Project and a presentation to the Commission by the Transportation and Mobility Department.

Commissioner Glassman noted the many services provided by the Boys and Girls Club, expounding on details. He noted several upcoming community meetings, including two on Wednesday, May 22, 2019: the Las Olas Mobility Working Group Meeting; and the A1A Streetscape Corridor Improvements Project Presentation to Residents at the Sonesta Hotel.

Commissioner Glassman acknowledged that May is National Historic Preservation Month and that this week is National Public Works Week and National Emergency Medical Services (EMS) Week.

Commissioner Sorenson gave a brief update on the May 8, 2019 SE 17th Street Mobility Working Group Meeting. Alan Cohen, Assistant Broward County Administrator, gave a presentation on the new plans for the Convention Center.

Commissioner Sorensen discussed details regarding municipalities challenging aspects of State gun statutes, commenting on related information. In response to Mayor Trantalis' question regarding related litigation, City Attorney Alain Boileau confirmed both sides have filed Cross-Motions for Summary Judgment and the hearing is scheduled on June 7, 2019.

Commissioner Sorensen discussed the May 28, 2019 meeting to review Las Olas Boulevard business area needs prior to the unveiling of broader plans, expounding on details. Mayor Trantalis commented on the efforts of Group 954 working with Las Olas Boulevard merchant owners to place art displays in empty windows. Further comment ensued.

Mayor Trantalis noted the recent International Swimming Hall of Fame (ISHOF) Luncheon and commented on the positive input from the swimming and diving community regarding Aquatic Complex improvements. The ISHOF is moving forward with upgrades and

enhancements to its east and west buildings. Fundraising efforts are forthcoming. Mayor Trantalis discussed reconsidering Aquatic Complex seating to include VIP seating. City Manager Lagerbloom will be presenting options to the Commission. Further comment and discussion ensued regarding skyboxes and other options for the best use of surface space.

Mayor Trantalis commented on his attendance at the League of Cities Gala, confirming the opportunity this event provided to meet and discuss relevant topics with members of the Broward County Commission and Commissioners from other municipalities.

Mayor Trantalis noted that train horns are now absent, acknowledging and thanking the Broward Metropolitan Planning Organization (MPO) for the efforts in addressing this neighbor concern.

Mayor Trantalis recommended a joint Commission meeting with the Broward County Commission for an update on the proposed Joint Government Center. It would provide an opportunity for input, approvals, and suggestions regarding the unsolicited proposals received. City Manager Lagerbloom discussed efforts to arrange a Joint Unified Direct Procurement Authority (UDPA) Meeting with the Broward County Commission on June 18, 2019. He will look beyond that meeting for an additional opportunity to meet. Mayor Trantalis noted the need to update the Commission soon. City Manager Lagerbloom said that should the proposed meeting with the Broward County Commission not be coordinated due to scheduling conflicts, this topic would be an item on the next Conference Meeting Agenda.

In response to Commissioner Sorensen's questions regarding the history of periodic meetings with the Broward County Commission, Mayor Trantalis said that previous joint meetings with the Broward County Commission were issue driven.

Mayor Trantalis commented on his attendance at the Mayors Meeting hosted by Broward County Mayor Mark J. Bogen, expounding on details. He discussed his attendance at periodic meetings hosted by Broward County Commissioner Lamar P. Fisher that included discussion on informative transportation issues.

[19-0507](#)

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

Infrastructure Task Force Committee (ITFC)
May 6, 2019

A copy of this communication is attached to these minutes.

Mayor Trantalis recognized Marilyn Mammano, ITFC Chair. Ms. Mammano confirmed the ITFC's review and support of the Stantec FY 2018 Water & Wastewater Comprehensive Rate Study Report (Report). The ITFC supports all users paying a connection fee, commenting on related details. The ITFC confirms the equitable methodology of the Report. In response to Commissioner Moraitis' question regarding the ITFC taking a position on Plan A or Plan B, Ms. Mammano reconfirmed the ITFC support of all users paying a connection fee in addition to paying for the amount of water used, i.e., when a customer uses more, they pay more.

**Marine Advisory Board (MAB)
May 2, 2019**

A copy of this communication is attached to these minutes.

Mayor Trantalis recognized Andrew Cuba, Marine Facilities Manager. Mr. Cuba confirmed proposed modifications to the Code regarding private use of the public property were presented to the MAB for discussion. The MAB supports a large portion of the modifications and made two recommendations noted in this communication. Mr. Cuba explained related details.

**Historic Preservation Board (HPB)
May 6, 2019**

A copy of this communication is attached to these minutes.

Mayor Trantalis noted his support of the HPB recommendation to initiate the historic designation process for the Federal Courthouse Building (Courthouse). Commissioner Sorensen asked about the ability to encumber a federal property. City Attorney Alain Boileau confirmed there is nothing to prohibit the designation of the Courthouse as historical, expounding on details and stating the federal government does not have to abide by a local municipality determination.

In response to Mayor Trantalis' question, City Attorney Boileau confirmed

the option of historic designation at the federal level and explained related details. Commissioner Glassman said that the National Register of Historic Places has no control over a property and provides no level of protection for a structure, commenting on details related to designation by the City.

In response to Commissioner Glassman's question regarding what would occur if the Courthouse property sells, City Attorney Boileau discussed possible future scenarios. Mayor Trantalis recommended moving forward with the City's Historic Designation (Designation). He commented on the Designation running with the land, expounding on details. Further comment ensued. City Attorney Boileau noted possible future challenges. Commissioner Glassman suggested conversations with the Secretary of Interior, commenting on adherence to the Department of Interior's guidelines when making a historical determination. City Attorney Boileau confirmed he would do further research.

Commissioner Glassman commented on the HPB request to be informed on future plans for the Courthouse. City Attorney Boileau said he is not aware of any current federal plans for the Courthouse. Commissioner Glassman confirmed his position in support of avoiding demolition.

Mayor Trantalis commented on discussions with the Federal Courthouse Committee regarding the relocation of the Courthouse, stating it is now being studied by the General Services Administrations (GSA).

In response to Commissioner Glassman's question, Historic Preservation Officer Trish Logan said that she is not aware of a situation with similar circumstances. She discussed regulations in place which require adherence to the National Environmental Preservation Act - Section 106 for buildings 50 years and older. She explained details regarding the process and discussions with the State of Florida Historic Preservation Office (Preservation Office). Ms. Logan said the Preservation Office has an inventory of significant structures and local input is requested during the process. She expounded on the Courthouse architect, William Morgan, and its brutalism style of architecture. Ms. Logan confirmed that the Courthouse was included in a survey conducted by the University of Florida. It is part of Preservation Office inventory and is listed as a significant structure. There is a large amount of attention on the Courthouse structure and it was on a list of endangered structures last year.

In response to Commissioner Glassman's question, Ms. Logan said HPB discussions on this topic lasted approximately 10-15 minutes, confirming their desire for the City to initiate a designation application and to be kept updated on future plans. Discussion ensued on the last time the City filed an application for Historic Designation. Commissioner Glassman concurred with Mayor Trantalis and the recommendation of the HPB to initiate the historic designation process for the Courthouse, expounding on his position.

In response to Commissioner Moraitis' question about what must be preserved by a purchaser, Commissioner Glassman explained it is dependent upon areas that are designated historical, i.e., interior and/or exterior. Further comment and discussion ensued.

Commissioner Glassman explained options available through applications to the HPB, expounding on related details, possible alternatives and citing examples. City Attorney Boileau confirmed he would work with Ms. Logan to further research and update the Commission on available options.

OLD/NEW BUSINESS

BUS-1 [19-0451](#)

Broward County Surtax Plan - (Commission Districts 1, 2, 3 and 4)

Vice Mayor McKinzie arrived at 2:22 p.m.

Mayor Trantalis recognized Gretchen M. Cassini, J.D., Assistant County Administrator. Ms. Cassini introduced other Broward County attendees, confirming their availability to answer Commission questions: Greg Stuart Executive Director of the Broward County Metropolitan Planning Organization, (MPO); Chris Walton, Broward County Director of Transportation; Barney McCoy, Broward County Transit Director - Service and Capital Planning; Tony Hui, Broward County Deputy Director - Public Works Department; and Richard Tornese, Broward County Director of Highway Construction Engineering.

Ms. Cassini said the purpose of the presentation is to update the Commission on implementation of plans funded by revenue from the Broward County Surtax Plan (Surtax). The first distribution of the Surtax revenue proceeds was received at the end of March 2019. A presentation was made to the Oversight Committee on April 25, 2019 and included MPO funding requested for prioritization of municipal projects. The MPO will be hiring Staff to develop the process for prioritizing municipal projects.

A copy of the presentation is attached to these minutes.

Ms. Cassini reviewed details of the draft Amendment to the Interlocal Agreement (First Amendment) sent to City Manager Chris Lagerbloom. The First Amendment will assist in streamlining the Ordinance process, as illustrated in the presentation. It will include a five-year plan to address project requests for a level of certainty.

The first municipal funding will relate to Community Shuttles. Ms. Cassini explained details associated with Community Shuttle Programs which will begin on October 1, 2019. She confirmed changes will include separate, new interlocal agreements between Broward County (County) and each municipality. There will be quarterly up-front funding. This would be followed by separate interlocal agreements and each City for non-Community Shuttle funds. Funding is projected to be available and presented to the Oversight Board in April 2020. It will be presented as a budget request to the County' Fiscal Year 2020 Budget Request.

The Oversight Committee will have a Budget Workshop on June 27, 2019 at Treetops Park and will include municipal project projections and details. The MPO is developing a process for updating municipal projects. All projects fully funded or funded in part by the Surtax will come to the Oversight Board no later than July 2020.

Ms. Cassini confirmed a large amount of transportation infrastructure needs, including \$465,000,000 plus in general mobility projects, and \$87,000,000 in rehabilitation and maintenance projects. She reviewed project specifics which will be handled by the County and illustrated in the presentation.

In response to Mayor Trantalis' question regarding addressing significant traffic concerns east of Andrews Avenue, Ms. Cassini noted that projects illustrated on the presentation map are County projects on County-owned roads and in County rights-of-way. She said the presentation map does not include all projects east of Andrews Avenue.

Tony Hui, Broward County Deputy Director - Public Works Department, commented on the opportunity to work in coordination with the City Department of Public Works on many transportation issues. The Florida Department of Transportation (FDOT) is continuing to identify and evaluate projects on State roads on the east side of the City. Mr. Hui noted that there would be a significant amount of improvement with the combination of these three resources,

In response to Commissioner Sorensen, Mr. Hui confirmed City projects will be funded by the Surtax. Ms. Cassini confirmed efforts for an overlay of County, FDOT, and MPO project layers in the five-year plan, expounding on details. Commissioner Moraitis commented on improvements being done by the City of Pompano Beach along McNab Road, recommending the inclusion of other municipal projects. Ms. Cassini confirmed. Mr. Hui expounded on the project representations shown on the presentation maps, explaining details related to eliminating intersection improvement project constraints. Comment ensued on the project locations shown in the presentation.

Mayor Trantalis recognized Richard Tornese, Broward County Director of Highway Construction Engineering. In response to Mayor Trantalis, Mr. Tornese identified a specific project location shown in the presentation. Mayor Trantalis explained plans for 15th Avenue, confirming the existing median would be extended to Sunrise Boulevard, expounding on related details. He said it is a County project.

In response to Commissioner Glassman's question regarding how the County, FDOT and MPO intersect in terms of project priorities, Mayor Trantalis explained the projects would be happening at different times.

Mayor Trantalis recognized Chris Walton, Broward County Director of Transportation. Mr. Walton gave a brief review of City transit improvements shown in the presentation. In response to Mayor Trantalis' question regarding addressing transportation needs along Broward Boulevard and Sunrise Boulevard, Mr. Walton gave an update and discussed the Broward Breeze Rapid Bus Service along Broward Boulevard. Further comment ensued. Mr. Walton commented on ways to provide additional opportunities, including more frequent, larger buses and railway in high-capacity areas, expounding on details.

In response to Commissioner Sorensen's question, Mr. Walton confirmed discussions with FDOT regarding the consideration of reversible lanes along Broward Boulevard and Sunrise Boulevard. Commissioner Glassman commented on a recent article in the *Sun Sentinel* regarding fiber optics and bus routes, requesting an update on City projects.

Vice Mayor McKinzie commented on the presentation map and fiber optics. Mr. Hui said many area roads have fiber optics, expounding on details regarding the capacity of fiber optic traffic signalization capabilities. He said fiber optics could also be used for driverless vehicle technology.

Mr. Walton discussed overall efforts to improve bus service, confirming he would get back to Commissioner Glassman on improved City bus routing. In response to Commissioner Moraitis, Mr. Walton confirmed he would provide routing information within the City.

In response to Commissioner Glassman's question, Mr. Walton confirmed the *Sun Trolley* is separate from County bus service. Mr. Walton reviewed transportation improvements listed in the slide presentation, confirming he would provide specific details to include timing.

Ms. Cassini noted ongoing negotiations with Magic Leap, a company located in Plantation, that addresses augmented reality for fiber optic related opportunities, expounding on details. The County will be working with the Massachusetts Institute of Technology (MIT) regarding technologies coming to market and ways to address an innovation district in the City.

Ms. Cassini explained technology sensors which serve to inform the County on travel location data for a better understanding of origin and destination modes. This is used for predictive modeling to improve traffic synchronization and designing transportation solutions. She emphasized efforts to ensure projects are done in a coordinated manner, expounding on related benefits and details.

Mayor Trantalis recognized Greg Stuart, Executive Director of the Broward Metropolitan Planning Organization (MPO). Mr. Stuart discussed the ongoing MPO process to develop a 25-year transportation plan, explaining their responsibility for the management of State and the federal government funding. Mr. Stuart discussed project prioritization, coordination of related projects in the Interlocal Agreement for Surtax revenue and possible federal supplemental funding.

Mr. Stuart said Surtax funded City projects will be spread over 30 years, commenting on additional information regarding potential future bond issues to advance City projects. He confirmed ongoing efforts to address Broward Boulevard traffic congestion, including reversible lanes and other opportunities coordinated by the MPO. Mr. Stuart emphasized the need for organization and coordination.

In response to Vice Mayor McKinzie's question regarding the City's responsibilities to ensure coordination and organization, Mr. Stuart confirmed ongoing work with City Manager Lagerbloom and Staff. In

response to Vice Mayor McKinzie's question regarding identifying shovel ready projects, Mr. Stuart explained efforts to identify those projects, present them to the Oversight Committee and implement a mechanism to prioritize.

In response to Commissioner Moraitis' question regarding micro-transportation, Mr. Walton confirmed details are being finalized for a pilot program this summer and are being recognized as part of the transportation network. Further comment and discussion ensued on County funding.

In response to Commissioner Moraitis' question regarding connecting numerous transportation options, i.e., rails to trails and LauderTrail, Ms. Cassini said that this funding would complete the system. Mr. Stuart confirmed ongoing MPO efforts to address connectivity for LauderTrail and Mockingbird Trail in coordination with the Office of the City Manager. There is a plan for greenway interconnectivity, bike lanes and trails. In response to Commissioner Moraitis' question, Mr. Stuart confirmed that the FEC rights-of-way are a challenge to trails, explaining details. Mr. Stuart confirmed the need to design and coordinate a solution.

In response to Commissioner Sorensen's question regarding a light rail system from Fort Lauderdale/Hollywood International Airport (FLL) to Port Everglades (Port), Ms. Cassini confirmed FLL and the Port are in the final stages of Master Plan preparation. They have been requested to include a connecting light-rail system, expounding on details. As a group, a determination needs to be made for the most economically viable system. The use of federal funding was discussed.

In response to Mayor Trantalis' question, Ms. Cassini explained details regarding the use of Surtax to fund a light rail feasibility study. Mr. Stuart discussed the need for the County and municipalities to maximize Surtax funding separately from federal funding. Comment and discussion ensued.

In response to Vice Mayor McKinzie's question about the reality of Surtax funding for light rail along State Road 441, Mr. Walton explained the need for federal participation due to high costs. Vice Mayor McKinzie commented on the need to address this type of solution for congested east/west traffic corridors in and out of the City.

Commissioner Glassman requested input from City Manager Chris Lagerbloom regarding coordinating what has been presented, i.e., schedules, identification of projects and deadlines. City Manager

Lagerbloom confirmed he is working closely with Mr. Stuart, expounding on details and readiness for stated deadlines.

BUS-2 [19-0519](#)

Broward County Aviation Department North Runway Rehabilitation at Fort Lauderdale-Hollywood International Airport - (Commission District 4)

Removed from Agenda.

BUS-3 [19-0457](#)

Water and Sewer Rate Study Update - (Commission Districts 1, 2, 3 and 4)

Mayor Trantalis recognized Kyle Stevens, Stantec Project Manager. Mr. Stevens introduced Michael Burton, President of Stantec. Mr. Stevens confirmed this presentation is a follow-up to the Water and Sewer Study Report (Report) presented to the Commission on April 16, 2019. Today's presentation is based on dialogue from that meeting.

A copy of the follow-up presentation is attached to these minutes.

Mr. Stevens reviewed the background and critical elements of the Report presented at the April 16, 2019 Commission Conference Meeting. He reviewed each of the financial models requested by the Commission and illustrated in this follow-up presentation including:

Fiscal Year (FY) 2019 Financial Forecast Revenue Sufficiency Model with *no annual rate increases and continued phase-out of the Return on Investment (ROI)*, explaining the related negative financial impact.

FY 2019 Financial Forecast Revenue Sufficiency Model and Stantec's recommendation for *annual five percent (5%) rate increases (with the exception of FY 2020) and the continued phasing out of ROI funds transferred to the General Fund (the phased-out portions of the ROI remaining in the Water and Sewer Fund)*. This model maintains minimum reserves, three months of operating expenses at all times. It allows funding of cash funded Capital Improvement Projects (CIP) and issuance of new debt in FY 2023 and FY 2028.

FY 2019 Financial Forecast Revenue Sufficiency Model for the *annual five percent (5%) rate increases (except for FY 2020) without the phasing out of ROI transfers to the General Fund*. This model would result in a nineteen percent increase in 2019.

Mayor Trantalis discussed his understanding and history of ROI, expounding on details. Mr. Stevens explained that key cost drivers were

not previously contemplated, citing examples. Mr. Burton said items in the Consent Agreement were not considered when the previous ROI policy was implemented. The City is facing regulatory requirements and system repairs and replacements previously not anticipated in addition to increased costs and pressures on the water and sewer system. Further comment and discussion ensued.

Mayor Trantalis recognized Paul Berg, Director of Public Works. In response to Mayor Trantalis' question, Mr. Berg expounded on details of unanticipated costs and repairs, citing the 30-inch line break causing approximately \$30,000,000 in unexpected expenses to address all aspects of its impact. Mr. Berg also cited weather events that caused issues at the George T. Lohmeyer Wastewater Treatment Plant, resulting in unanticipated costs of \$11,000,000. Further comment and discussion ensued.

Mr. Burton commented on his recollection of previous discussions which contemplated lowering water rates or funding capital. The City has had to support a significant amount of additional capital. He explained another unanticipated factor resulting from the cost allocation study, expounding on details. Rates to wholesale water customers have been lowered, causing more pressure on other customers. Further comment and discussion ensued.

Mr. Berg explained the allocation of the new \$200,000,000 water and sewer bond. City Auditor John Herbst said two items not contemplated were annual pay-as-you-go investments of \$20,000,000 in the water and sewer fund (ROI) and a \$4,900,000 increase to the yearly contribution to the Central Regional R&R Fund. So there is \$25,000,000 for maintenance and system improvements not contemplated in last year's fiscal sustainability analysis.

In response to Mayor Trantalis' question, City Auditor Herbst explained pay-as-you-go investment. It is an amount allotted on an annual basis versus 30-year bond financing. The ROI would be front-loaded to allow the use of cash on hand from ROI instead of 30-year bonds.

Mr. Herbst discussed the prior City Manager's proposal, a \$200,000,000 bond issue to address Consent Order items and subsequent bond issues three and five years later, each in the amount of \$200,000,000. He explained additional details regarding Staff limitations to address Consent Order work and challenges to the acceleration of additional work which would cause a surplus in the water and sewer fund and also trigger reimbursements. Further comment and discussion ensued.

Commissioner Sorensen noted that keeping ROI in the water and sewer fund would result in cost savings, avoiding debt service for bond issues.

Mr. Stevens reviewed the background of the two components of the rate structure, a base charge and a volumetric component for the use of water and sewer services. He discussed base rate parameter details and the update of fixed-water charges for water and sewer service.

In response to Commissioner Moraitis' question, Mr. Stevens confirmed both options, Plan A and Plan B, presented for multi-family user water and sewer rates are supported within the industry. He explained related details and reviewed the billing impact table for both plans, as illustrated in the presentation.

In response to Mayor Trantalis' question regarding the adequacy to fund water and sewer needs with the recommendation, Mr. Stevens said the revenue for water and sewer billing is fundamentally similar. Further comment and discussion ensued regarding impact details of recommended multi-family customer user rates illustrated in the presentation.

In response to Mayor Trantalis' question, Mr. Stevens confirmed findings regarding the recovery of water costs from surrounding municipality wholesale customers, explaining details related to charging for the direct cost of customer services. Mr. Burton expounded on related information. Water rates to wholesale customers would be reduced and charged a twenty-five percent (25%) surcharge. In response to Commissioner Moraitis, Mr. Stevens confirmed a surcharge has not been charged in the past to wholesale water customers. Further comment and discussion ensued on projected revenue. There would be an approximate ten percent (10%) reduction in revenue for wholesale customers. Mr. Stevens confirmed Florida Statute allows the City to charge a twenty-five percent (25%) surcharge to wholesale customers.

City Manager Chris Lagerbloom requested feedback from the Commission regarding Plan A or Plan B.

Mayor Trantalis recognized Fred Nesbitt, 3900 Galt Ocean Mile, and on behalf of the Galt Ocean Mile Community Association. Mr. Nesbitt said that Option B is the best option, confirming his support.

Mayor Trantalis recognized Ray Cox, 101 SW 18th Avenue. Mr. Cox discussed his perspective on this item.

City Manager Lagerbloom commented on his perspective regarding finding an equitable solution, Commission feedback and initiating the proper administrative steps for implementation.

Mayor Trantalis reviewed and commented on Plan A and Plan B proposed in the Report. He recommended Plan B. The Commission concurred. In response to Commissioner Moraitis' question regarding water rates, Mr. Stevens confirmed only water rates are being reduced, expounding on related details as illustrated on the Cost of Service recommendations in the presentation. Further comment and discussion ensued.

In response to Commissioner Moraitis' question, City Manager Lagerbloom confirmed that changes would become effective at the beginning of FY 2019, October 1, 2019.

BUS-4 [19-0518](#)

Discussion to Increase the Minimum Legal Age for the Sale of Tobacco Products - (Commission Districts 1, 2, 3 and 4)

Mayor Trantalis noted federal legislation recently introduced on this topic.

Mayor Trantalis recognized John Pierbon, 2809 N. Atlantic Boulevard, and on behalf of Tobacco Free Partnership of Broward County (Tobacco Free Partnership). Mr. Pierbon commented on the efforts of the Tobacco Free Partnership, confirming the need to increase the legal age for tobacco purchases to 21, expounding on related details. Mr. Pierbon submitted a document for the record.

A copy of the document is attached.

Mayor Trantalis recognized Ray Cox, 101 SW 18th Avenue. Mr. Cox discussed his perspective on this item.

Commissioner Glassman explained his position in support of increasing the age to 21 for the purchase of tobacco products. City Attorney Alain Boileau confirmed his ongoing research into regulatory aspects of this item, explaining there is no current preemption at the State or federal level. Comment and discussion ensued. Commissioner Glassman urged moving forward on this item. Commissioner Sorensen commented on current statistics on this topic.

Vice Mayor McKinzie commented on the need to have this age restriction implemented throughout Broward County. Commissioner Glassman noted that implementation of this type of ordinance is a start.

Comment ensued on County municipalities following actions of the City.

CITY MANAGER REPORTS

City Manager Chris Lagerbloom raised the topic of the trade trip to Israel (Trip).

Mayor Trantalis recognized Anthony Fajardo, Director of Sustainable Development (DSD). Mr. Fajardo confirmed the Trip was planned and coordinated by the Economic Community Investment (ECI) Division of DSD. He reviewed the Trip itinerary, commenting on details and goals, including investment and technology, cultural aspects and management of large-scale events.

Commissioner Glassman commented on Florida Governor Rick DeSantis' trip to Israel, asking if this Trip was dovetailing on any related issues. City Manager Lagerbloom commented on what the media has presented concerning Governor DeSantis' trip, stating Enterprise Florida planned the Governor's trip. Commissioner Glassman recommended ascertaining what transpired.

Mayor Trantalis commented on his perspective regarding Israeli investment in the City, i.e., the need to meet with new investment partnerships, encourage continued investment from many different sources and establishing face-to-face relationships versus long-distance relationships. Mr. Fajardo expounded on details related to these topics.

In response to Commissioner Moraitis' question regarding budgeting for the Trip, Mr. Fajardo explained details regarding funding. Commissioner Moraitis commented on upcoming budget cuts from the General Fund in FY 2019.

Vice Mayor McKinzie inquired about the ECI budget and the return on investment. Mr. Fajardo confirmed he would research this and report back. Vice Mayor McKinzie commented on his perspective regarding current investments in the City and concerns regarding the Trip.

Mr. Fajardo confirmed his attendance as DSD Department Director. Further comment and discussion ensued on determining attendees and the process.

Mayor Trantalis commented on the process for these types of trips in the future. In response to Vice Mayor McKinzie, Mayor Trantalis explained details regarding invitees from organizations which would serve to enhance future City economic development goals.

City Manager Lagerbloom explained his understanding that the genesis of the Trip originated with the prior City Manager. Mr. Fajardo discussed related details. Further comment and discussion ensued on this topic and attendees.

Commissioner Glassman commented on his perspective regarding the need to establish a policy for these types of trips, noting that the policy of the Broward County Commission requires a vote. The Commission should be involved earlier in the process. Further comment and discussion ensued.

Commissioner Moraitis reiterated her budget concerns. Mayor Trantalis concurred on the need for a more defined process. Vice Mayor McKinzie expounded on his concerns. Commissioner Glassman discussed ways to adhere to Sunshine laws during these types of trips. Further comment and discussion ensued.

Commissioner Sorensen acknowledged the points made, concurring with the recommendation that new policy should be made going forward. He also noted his concern with the number of Staff attending, explaining his rationale. Commissioner Moraitis confirmed her agreement that City Manager Lagerbloom participate.

City Manager Lagerbloom provided an update on the early vacating and relocation of the City Marathon Health Center (Health Center) to another building located at 4200 N. Federal Highway. He commented on anticipated future plans to relocate the Health Center to 1777 South Andrews Avenue.

In response to Vice Mayor McKinzie's question regarding looking at insurance alternatives concerning pricing, City Manager Lagerbloom confirmed he would request information from the Risk Management Group.

ADJOURNMENT

Mayor Trantalis adjourned the meeting at 3:39 p.m.

**City of Fort Lauderdale
Infrastructure Task Force Committee**

**May 6, 2019
2:00 p.m. to 5:00 p.m.
8th Floor City Commission Room – City Hall
Fort Lauderdale, FL 33301**

MEMBERS		PRESENT	ABSENT
Marilyn Mammano	P	24	1
Ralph Zeltman	P	24	1
Peter Partington	P	5	0
Roosevelt Walters	P	23	2
Fred Stresau	A	20	5
Norm Ostrau	P	22	1
David Orshefsky	A	21	1
Jacquelyn Scott	P	9	1
Gerald Angeli	P	1	0

Staff Present

Paul Berg, Director-Public Works
Joe Kenney, Assistant Public Works Director-Engineering
Talal Abi-Karam, Assistant Public Works Director-Utilities
Brandy Leighton, Sr. Project Manager
Jill Prizlee, Chief Engineer
Meredith Shuster, Senior Administrative Assistant

Consultant

Patricia A. Carney, PE, Hazen & Sawyer

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

Communication to the City Commission:

1. Member Jacquelyn Scott made the motion, seconded by member Mr. Walters recommending the City Commission:

Support the recommendation of the Water and Sewer Rate Study of April 16, 2019.

In a voice vote, the motion carried unanimously.



CITY OF FORT LAUDERDALE

**DRAFT
MARINE ADVISORY BOARD
100 NORTH ANDREWS AVENUE
COMMISSION CONFERENCE ROOM – EIGHTH FLOOR
FORT LAUDERDALE, FLORIDA
THURSDAY, MAY 2, 2019 – 6:00 P.M.**

		Cumulative Attendance	
		May 2019 – April 2020	
Grant Henderson, Chair	P	1	0
Ed Strobel, Vice Chair	P	1	0
Cliff Berry II	A	0	1
Robyn Chiarelli	P	1	0
Richard Graves	A	0	1
Rose Ann Lovell	P	1	0
Kitty McGowan	A	0	1
Norbert McLaughlin	P	1	0
Ted Morley	P	1	0
Curtis Parker	A	0	1
Rossana Petreccia	P	1	0
Roy Sea	P	1	0
Randy Sweers	A	0	1
Bill Walker	P	1	0

As of this date, there are 14 appointed members to the Board, which means 8 would constitute a quorum.

Staff

- Andrew Cuba, Manager of Marine Facilities
- Jonathan Luscomb, Supervisor of Marine Facilities
- Sergeant Todd Mills, Fort Lauderdale Police Department
- Dr. Nancy Gassman, Public Works Department
- Tatiana Guerrier, Recording Secretary, Prototype, Inc.

Communications to City Commission

Motion made by Vice Chair Strobel, seconded by Mr. Sea, to recommend the City Commission approve of the proposed amendment to the City of Fort Lauderdale Municipal Code 8-144, with the two exceptions:

1. To fix the parking issue to make it fair for all people
2. To eliminate the prohibition for riparian right holders to have a dock permit on seawall as long as they pay upgrading for seawall and Code requirements for the life of the permit

In a roll call vote, the **motion** passed 8-0.

**HISTORIC PRESERVATION BOARD
CITY OF FORT LAUDERDALE
MONDAY, MAY 6, 2019 - 5:00 P.M.
FIRST FLOOR COMMISSION CHAMBER
100 NORTH ANDREWS AVENUE
FORT LAUDERDALE, FLORIDA**

		Cumulative Attendance 6/2018 through 5/2019	
<u>Board Members</u>	<u>Attendance</u>	<u>Present</u>	<u>Absent</u>
David Kyner, Chair	P	11	0
George Figler, Vice Chair	P	11	0
Jason Blank	P	9	2
Brenda Flowers	P	10	1
Marilyn Mammano	P	10	1
Donna Mergenhagen	P	10	1
Arthur Marcus	P	10	1
David Parker	P	11	0
Richard Rosa	P	10	1
Tim Schiavone	P	1	0
Jason Wetherington	A	7	3

City Staff

Shari Wallen, Assistant City Attorney
Trisha Logan, Urban Planner III
Suellen Robertson, Administrative Assistant
Jamie Opperlee Recording Secretary, Prototype Inc.

Communication to the City Commission

Motion made by Ms. Mergenhagen, seconded by Mr. Figler, to communicate to the City Commission that the Fort Lauderdale Federal Courthouse is architecturally significant, to recommend the City initiate the historic designation process for this building, and to ask for information on any plans that are in place.

In a voice vote, motion passed unanimously.

Mobility Advancement Program Implementation Plan (formerly known as Transportation Surtax)



Elements of Initial Implementation

Overview

FY 2019-FY2020



Formalizing partnership timelines

- Funding for MPO's prioritization of municipal projects was completed April 16, 2019; costs associated with MPO creating a prioritization process was approved by Oversight Board, April 25th
- Update existing multi-party interlocal agreement (ILA) to address requested changes (e.g., *rehab and maintenance project carve-out from MPO process, project definitions clarified, date for first MPO surtax staff recommendation moved to March 2020 from February 2020*)
- Complete Community Shuttle ILAs by August 2019; 100% funding (capital and operating) for participating cities begins October 1st
- General ILAs with municipalities for NON-Community Shuttle funds should be in place by March 2020; April 2020 approval of municipal project recommendations; access 2020 funds after that



Funding Expected in 2020

- \$120+M available for municipal projects (see *Surtax Financial Plan**)
- 100% Community Shuttle funding begins October 1st, 2019
- Surtax-funded MPO staff present recommendations in early 2020 (but can send city projects as they are ready)
- **New** municipal projects will be submitted to MPO, evaluated and prioritized (late 2019) using a process they will develop
- Per ILA between County and MPO, a 5-Year Plan (due July 1, 2020) will be developed and contain all projects funded in part, or wholly, using surtax proceeds; once approved by Oversight Board the 5-year plan offers level of certainty

* For more details, visit: www.pennyfortransportation.com



City of Fort Lauderdale Projects in the Plan

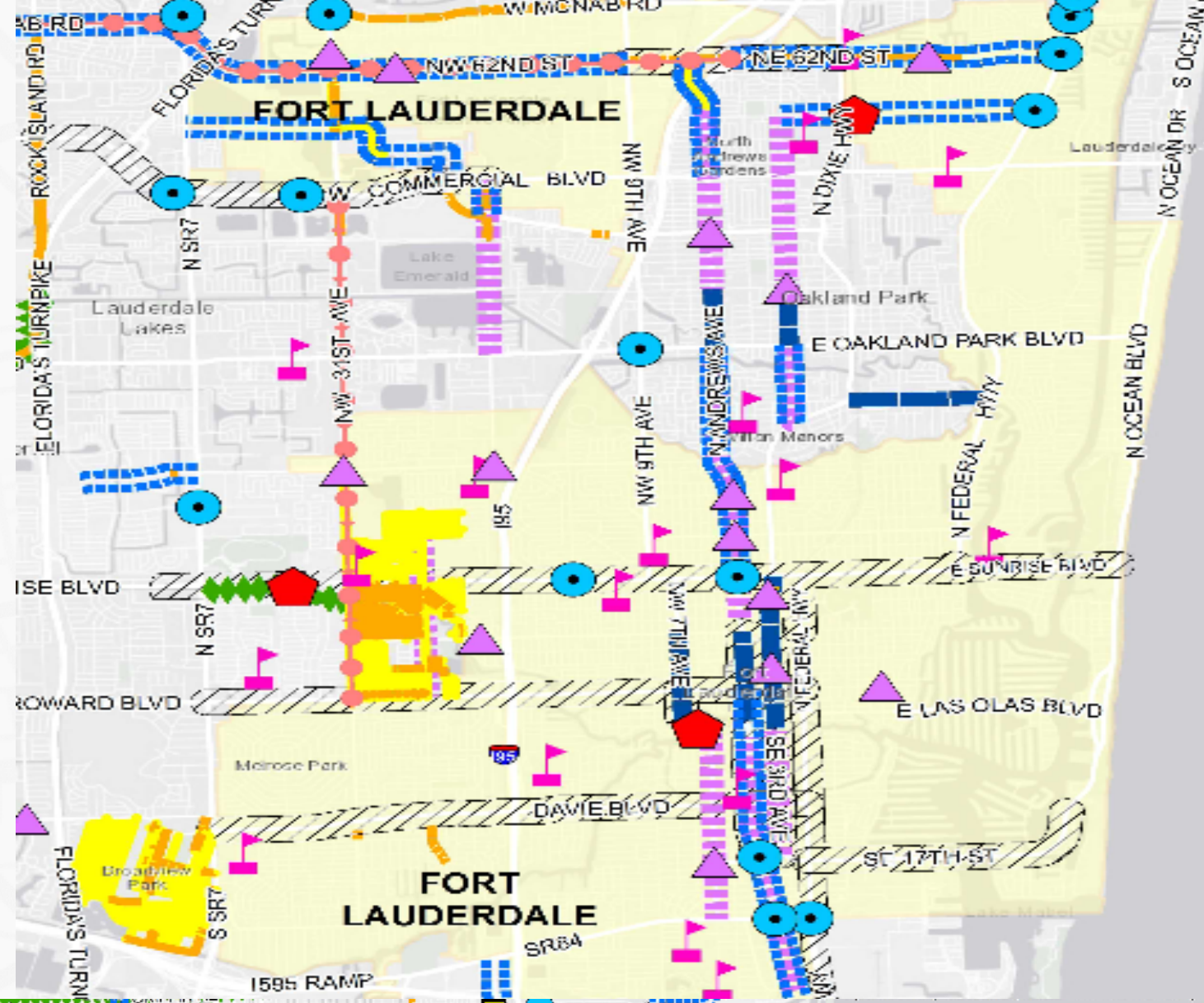
Overview: Fort Lauderdale submitted **\$465+M** in general mobility (non maintenance) projects + **\$87M** of rehab/maintenance, for a total of **\$552M** over 30 years

In addition, the County will be doing hundreds of millions in roadways projects within the municipal boundaries:

- 10 intersection improvements; 13 School Safety Zone Improvements; Climate Resiliency Improvements; Drainage Replacement; Technology Adaptation/Predictive Maintenance Eqpmt; Street Lighting; Bike Lanes; Bridge/Overpass Improvements; Fiber Optics; 13 Mast Arm upgrades; greenways; sidewalks; adaptive traffic control



Map of County Planned Roadway, Safety, Mobility & Transportation-related Resiliency Projects in City of Fort Lauderdale, currently included in the Plan approved by voters and audited by State of Florida

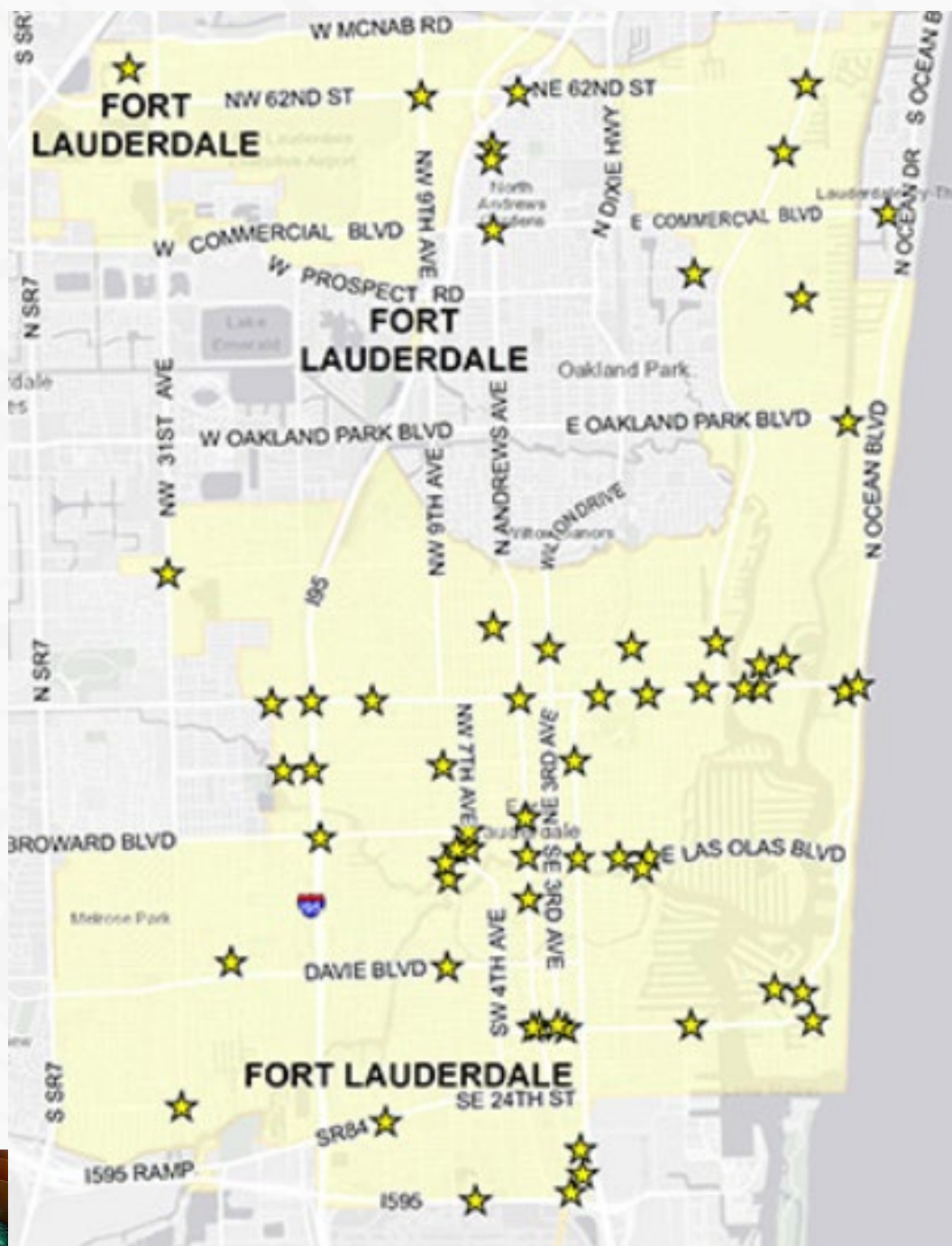


Proposed Improvements

Bridge and Overpasses	School Zone Safety Improvement	New Sidewalks	Climate Resiliency Improvement
Intersection Improvement	Fiber Optic Network	Street Lighting	Drainage Replacement
Mast Arm Intersection Upgrades	Bike Lanes	Greenway	Adaptive Traffic Control Areas
		Road Capacity Expansion	



\$552M in City Projects over 30 years



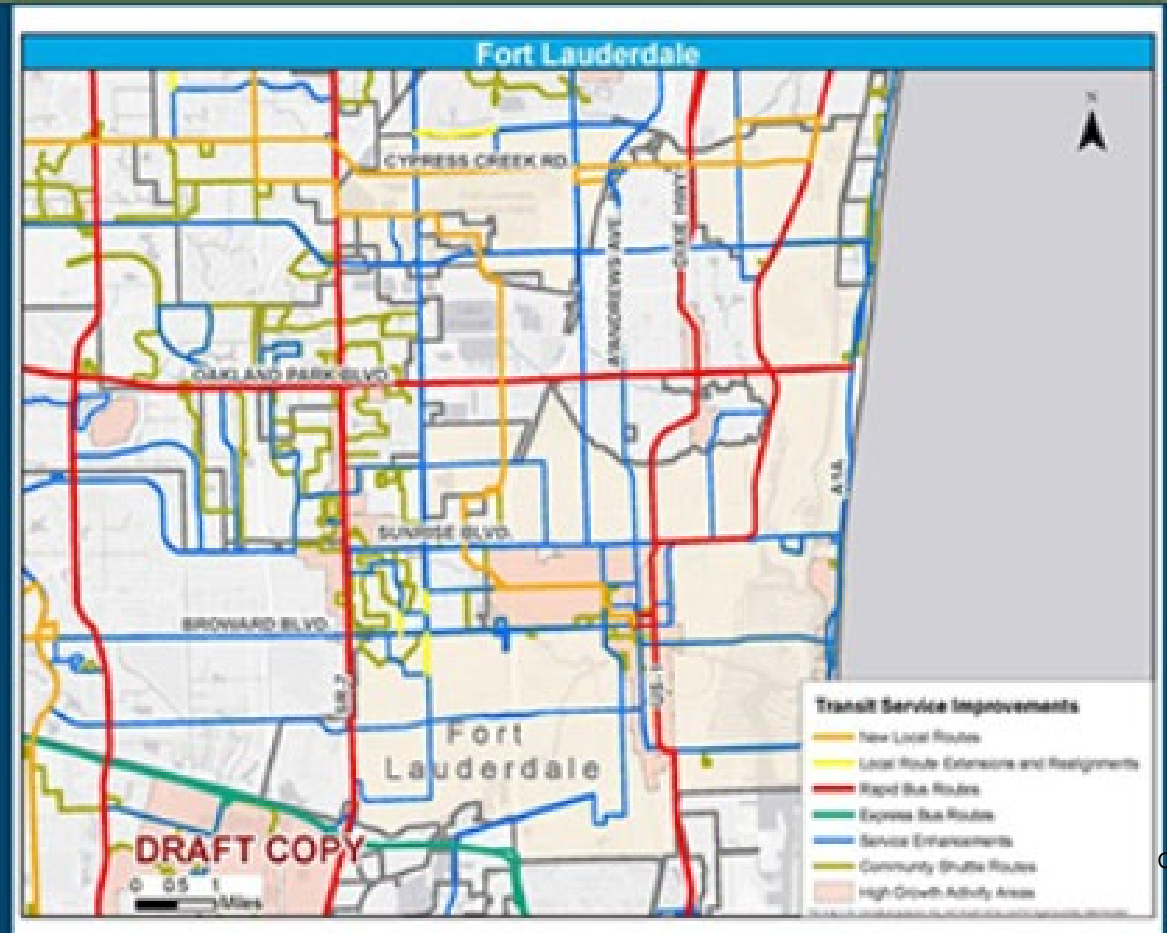
Proposed Improvements
★ City Projects

- Intersection improvements
- Bridge improvements
- Roadway improvements
- Safety improvements
- School zone safety improvement
- Bike lanes
- Sidewalks
- Street lighting

Transit Service Improvements

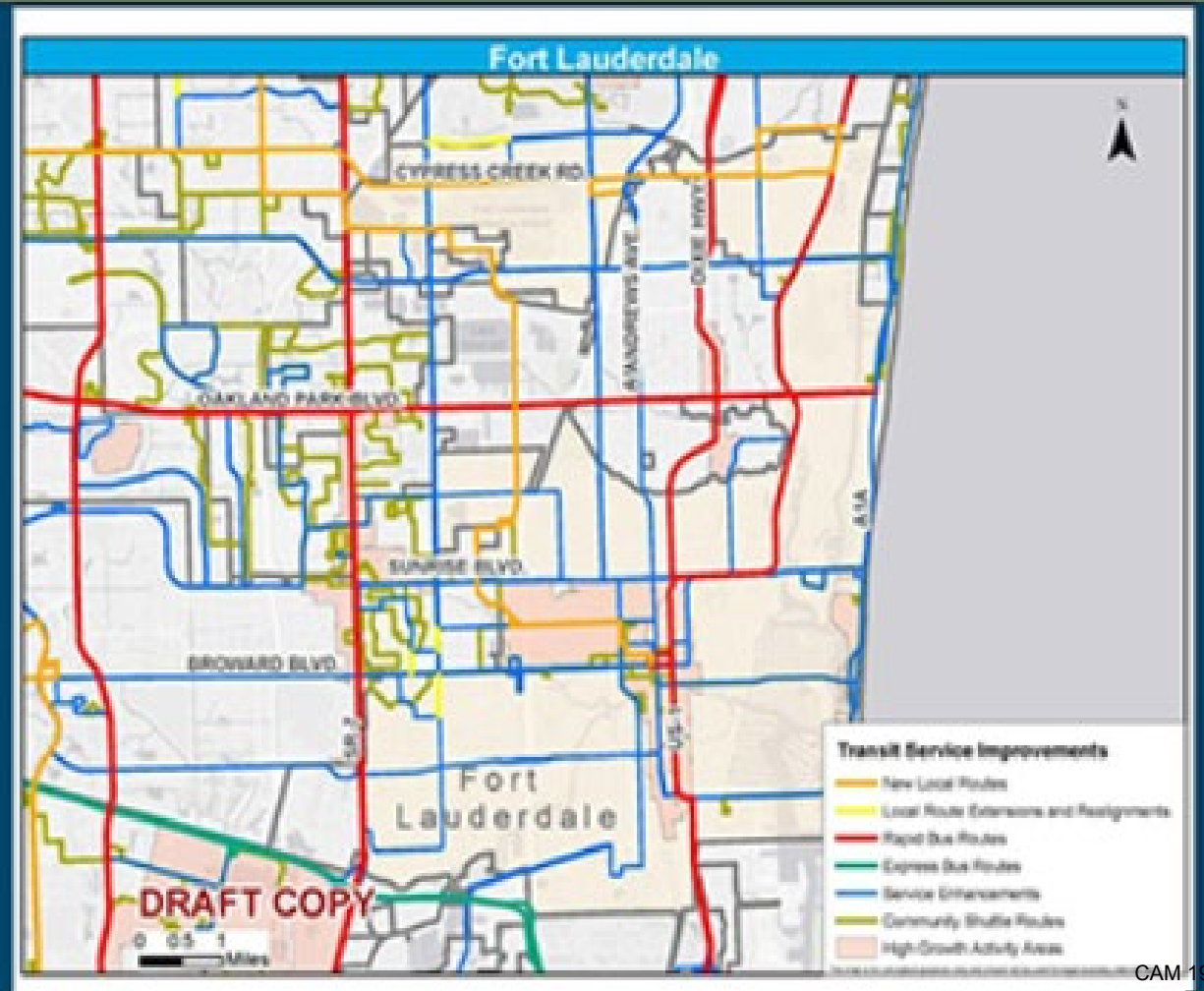
Fort Lauderdale

- 100% funding for capital and operating of Fort Lauderdale Community Shuttle service (annually)
- Installation of new or replacement bus shelters throughout the City (2019-2048)
- Enhancement of BCT's Downtown Intermodal Terminal (by 2023)
- New Local Bus Route along McNab Rd./Cypress Creek Rd. (2022) and Griffin Rd. (2026)
- New Local Route Extension of Rt. 11 north-south along Rock Island Rd. to Wiles Rd. (2020)
- Rapid Bus service along SR 7/US 441 (2021)
- Rapid Bus service along US 1 (south of downtown to Aventura, north of downtown to Sample Rd.) (2027)
- Rapid Bus service along Oakland Park Blvd. (2024)
- Rapid Bus service along Dixie Highway (2039)



Fort Lauderdale (cont.)

- Headway/Schedule improvements to existing local bus routes (2019-2029):
 - 1 (US 1)
 - 6 (County Line Rd./Dixie Highway/Downtown)
 - 9 (Young Circle to Brow. Ctrl. Terminal)
 - 10 (US 1)
 - 11 (Las Olas Blvd./A1A)
 - 14 (Powerline Rd.)
 - 18 (SR 7/US 441)
 - 20 (Broward Health North/Downtown)
 - 22 (Broward Blvd./Sawgrass Mall)
 - 30 (Peters Rd./Davie Blvd.)
 - 31 (Lyons Rd.)
 - 36 (Sunrise Blvd.)
 - 40 (NW 6th/MLK Blvd.)
 - 50 (Dixie Highway)
 - 55 (Commercial Blvd.)
 - 60 (Andrews Ave./Hammondville Dr.)
 - 72 (Oakland Park Blvd.)
 - 81 (Laud. Mall to Downtown Ft. Laud.)



Elements of Implementation

Long-Range - Overview



Creating a S.M.A.R.T. County

Collecting, integrating and analyzing data



Collecting, Integrating and Analyzing Data

- Create “County Brain” (General Fund initiative)
- Integrate with Surtax/MAP technology (inward and publicly-facing)
- Invest in resources to effectively mine and analyze data
 - Partner with WAZE in their Connected Citizens Program
 - Partner with Magic Leap
 - Partner with M.I.T.
- Place sensors on traffic lights, stop signs, speed limit signs, crosswalks, vehicles (including transit, shuttles, cars, etc.)



Data Collection

Data allows us to:

- understand origins and destinations across various modes
- measure travel times, count pedestrians, measure length of time to cross street, measure frequency of crosswalk use
- analyze patterns of use and detect unusual slowdowns
- implement predictive modeling to detect vehicle crashes and breakdowns to speed response and ensure maintenance of traffic flow and communicate with vehicles to provide speed limit and length of red light
- define the appropriate type of transportation solution (context)

We will need municipalities to partner with us to collect data!



Developing 5-year MAP plan

Benefits:

- Can include newly identified or amended projects, not currently included in the Plan
- Offer level of certainty for County, State and Municipalities around projects and revenues, allowing for long-term, efficient, collaborative planning
- Corresponds with timing and frequency of major updates of the MPO's long-range transportation plan (MTP)
- Reduces annual levels of effort for new project application submittals by municipalities
- Improves public engagement opportunities around large projects



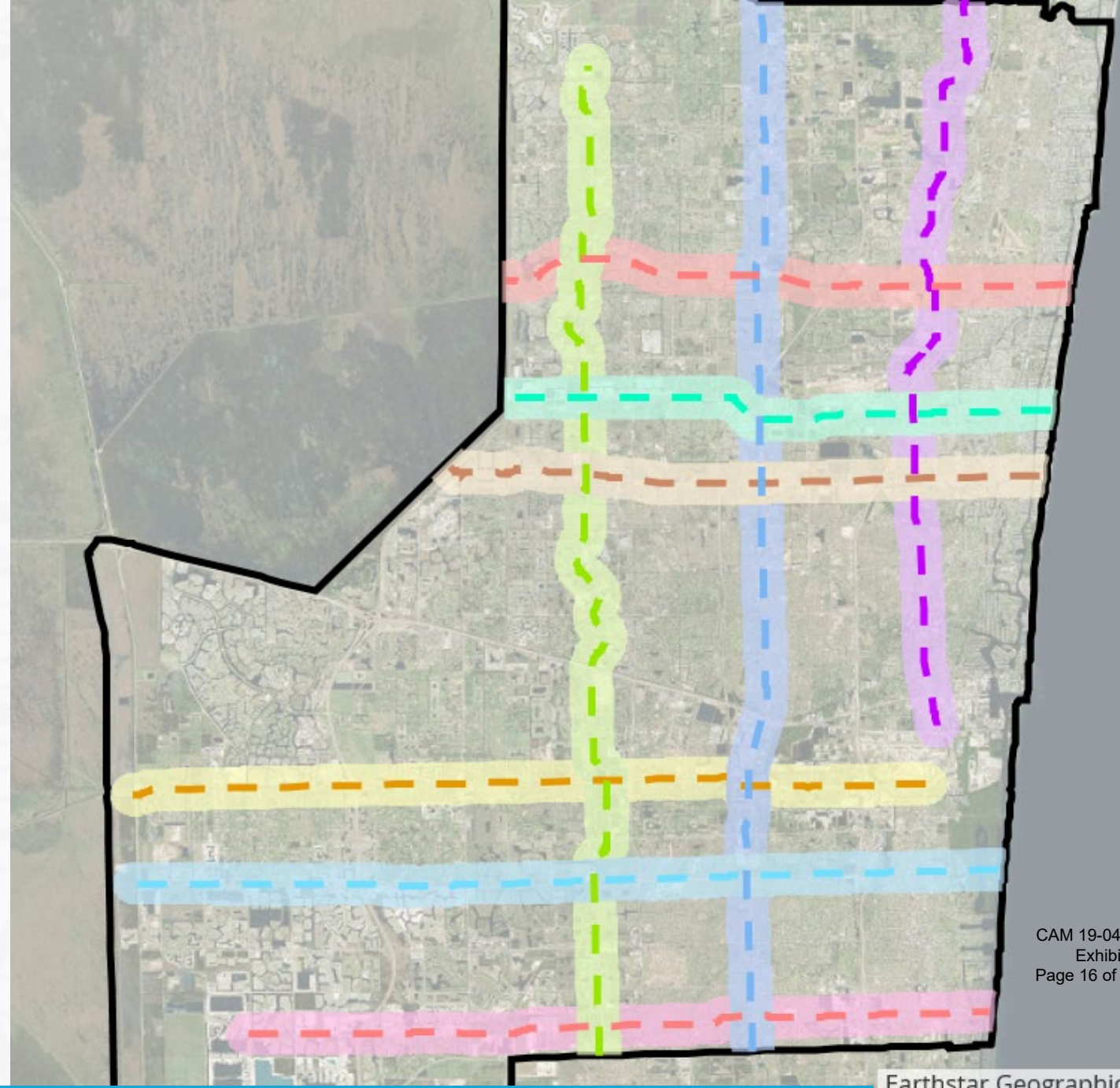
Breaking Down Long-Standing Silos – Corridor Delivery

- Formalizing evidence-based corridor delivery method (looking at 9 corridors presently, based on concentration of projects, congestion rating, planned premium transit, mobility hubs, etc.)
- Active municipal project coordination and technical support
- Comprehensive, responsive Interlocal Agreements
- Viewing corridors through a variety of lenses, including economic and transit-oriented development opportunities
- Co-location of multiple functions



Nine Corridors (with 1/2 mile buffer)

- Atlantic Blvd
- Commercial Blvd
- Oakland Park Blvd
- Griffin Rd
- Sheridan St
- Hallandale Beach Blvd / Miramar Parkway
- Pine Island Road
- SR-7 / US-441
- Andrews Ave



Q&A

We have technical staff and representatives here to answer questions

Thank you for the opportunity to present and partner with you to transform our community





Fort Lauderdale, FL

Water and Sewer
Rate Study

Follow up Discussion

May 21, 2019

*Mike Burton
Kyle Stevens*

Background

- Water and sewer systems are combined within a single enterprise fund and supported by user rates
- The City applies an annual 5.00% indexing adjustment to its water and sewer rates
- Stantec has reviewed the financial sustainability of the combined system annually since 2013 and supported the 2018 bond issuance
- Current rate structure and impact fees have not been updated in over ten years

Rate Study Overview

Key Elements

- 1 Revenue Sufficiency
- 2 Cost of Service
- 3 User Rates
- 4 Impact Fees

Basic Parameters

- 10 year financial forecasting model
 - Updated annually as part of the budget process
- Reflects the most current data and assumptions:
 - FY 2019 budget (Revenues & Expenses)
 - 5-Year capital spending per public works
 - Billing data and account growth forecast
 - Forecasted debt issuance every 5 years (FY 2023)
 - ROI Phase out over a 4 year period (FY 2021)
- Analysis will be updated as part of FY 2020 budget

Key Cost Drivers/Changes

- Large increase in Central Region R/R (capital)
- Increase in debt of \$200M in FY 23 and FY 28
- Significant unplanned force main failure
- Establish annual cash funded capital of \$20M+

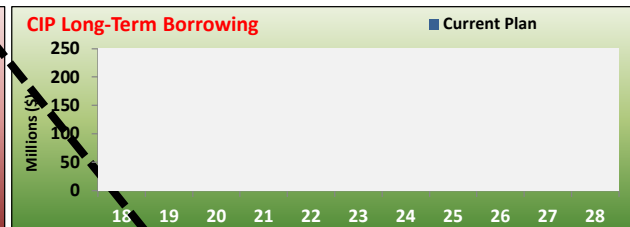
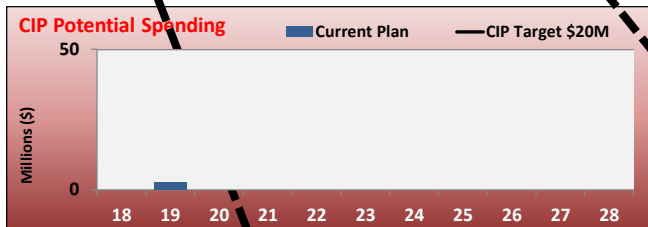
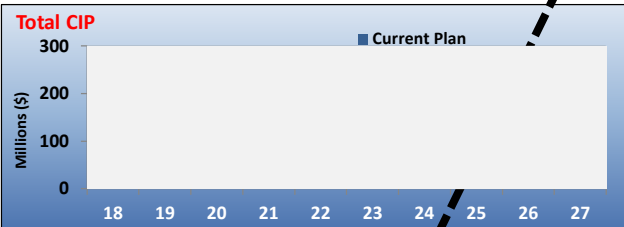
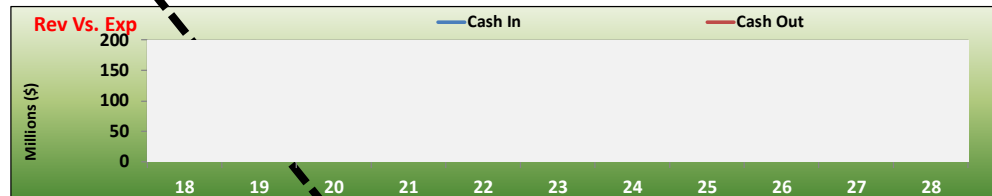
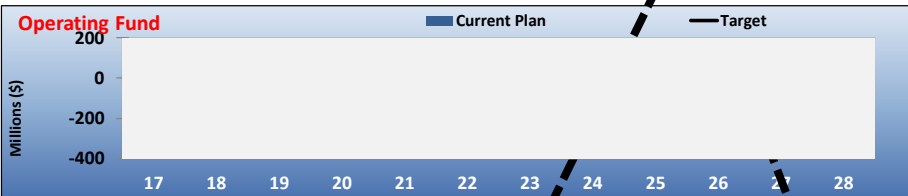


FY 2019 Financial Forecast (No Rate Adjustment, Includes ROI Phase Out)

Revenue
Sufficiency

FINANCIAL ANALYSIS AND MANAGEMENT SYSTEM (FAMS) SUMMARY

SAVE	CALC	ROLL	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Cumulative Change	
		Override ▶	5.00%	5.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	FY 2023	FY 2028
		Water Rate Increases	5.00%	5.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	5.00%	4.96%
		Override ▶	5.00%	5.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	PS FY20 ▶	98.0%
		Sewer Rate Increases	5.00%	5.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	100.0%	
		Rate Covenant	2.14	1.97	1.86	1.80	1.72	1.26	1.09	1.02	0.95	0.89	0.65		



0.00% Rate increase

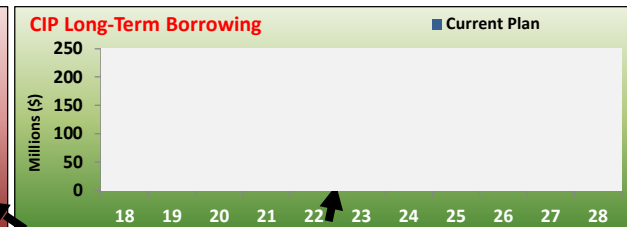
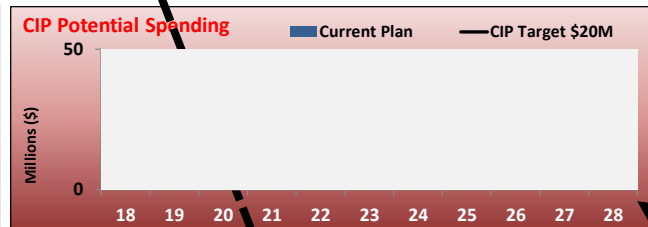
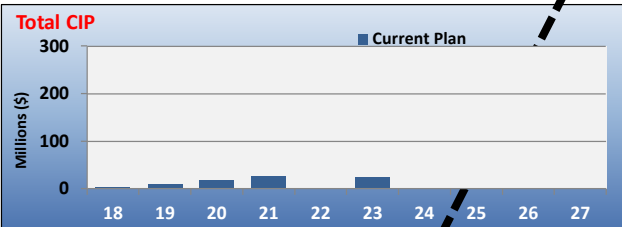
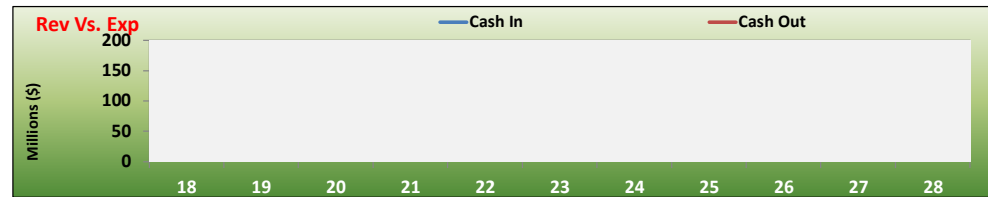
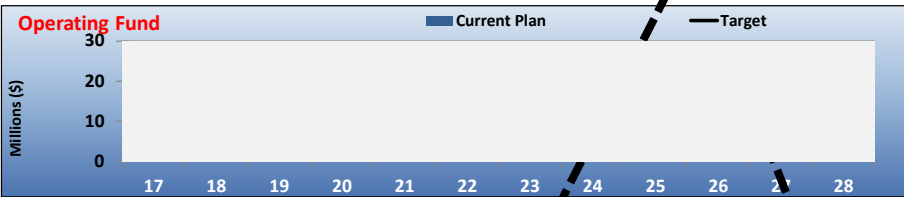
Minimum Reserves
Depleted

Coverage Impaired

FY 2019 Financial Forecast (Recommended Plan Includes ROI Phase Out)

FINANCIAL ANALYSIS AND MANAGEMENT SYSTEM (FAMS) SUMMARY

SAVE	CALC	ROLL	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Cumulative Change	
		Override ▶	5.00%	5.00%	0.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	FY 2023	FY 2028
		Water Rate Increases	5.00%	5.00%	0.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	21.66%	55.19%
		Override ▶	5.00%	5.00%	0.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	PS FY20 ▶	98.0%
		Sewer Rate Increases	5.00%	5.00%	0.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	100.0%	100.0%
		Rate Covenant	2.14	1.97	1.86	2.02	2.19	1.80	1.77	1.90	2.04	2.24	1.95		



5.00% Rate increase
needed FY 21
Forward

Minimum Reserves
Maintained

Full Funding Cash
CIP and New Debt

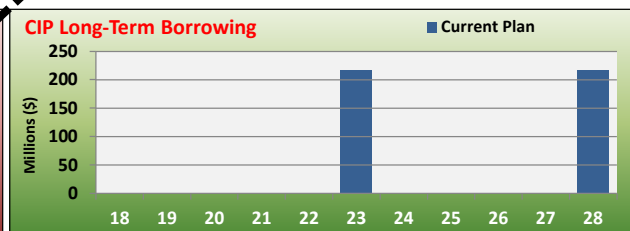
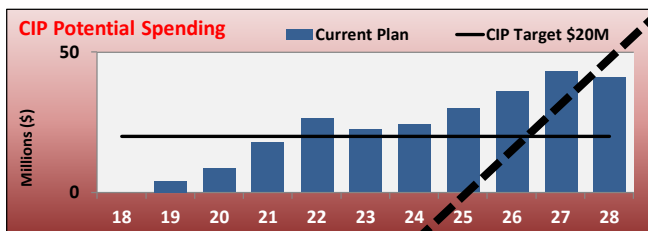
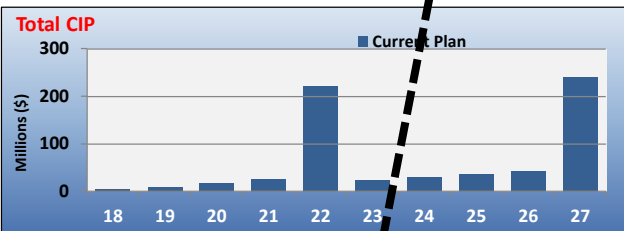
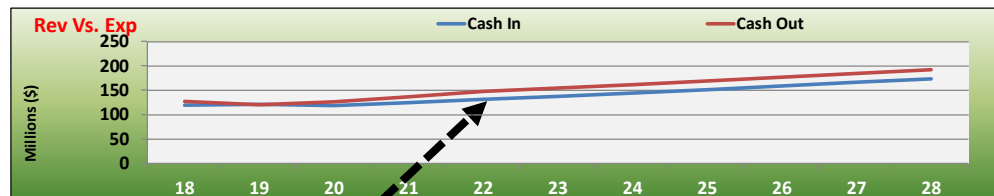
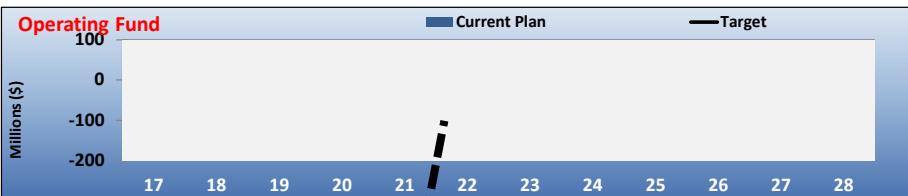


Revenue
Sufficiency

FY 2019 Financial Forecast (No ROI Phase Out)

FINANCIAL ANALYSIS AND MANAGEMENT SYSTEM (FAMS) SUMMARY

SAVE	CALC	ROLL	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Cumulative Change	
Override ▶				5.00%	0.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	FY 2023	FY 2028
Water Rate Increases			0.00%	5.00%	0.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%		
Override ▶				5.00%	0.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	PS FY20 ▶	98.0%
Sewer Rate Increases			0.00%	5.00%	0.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%		100.0%
Rate Covenant			2.14	1.97	1.86	2.01	2.17	1.78	1.74	1.87	1.99	2.18	1.90	CIP Cash %	20%



Impaired Fund
Balance

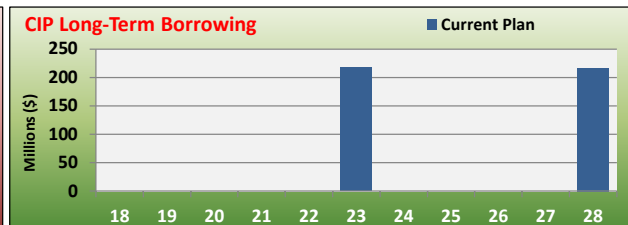
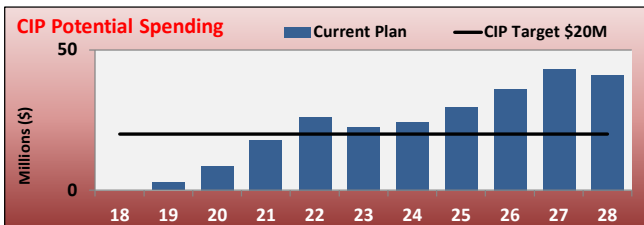
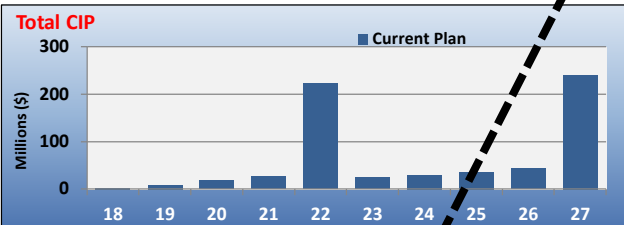
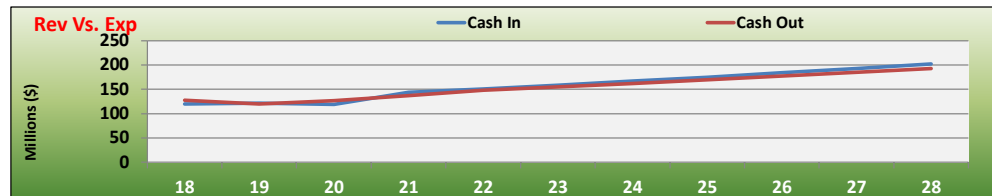
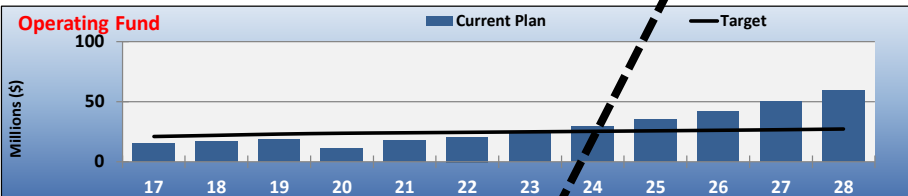
Unbalanced Cash
Flow



FY 2019 Financial Forecast (No ROI Phase Out)

FINANCIAL ANALYSIS AND MANAGEMENT SYSTEM (FAMS) SUMMARY

SAVE	CALC	ROLL	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	Cumulative Change	
		Override	5.00%	5.00%	0.00%	19.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	FY 2023	FY 2028
			5.00%	5.00%	0.00%	19.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	37.73%	75.92%
		Override	5.00%	5.00%	0.00%	19.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	PS FY20	98.0%
			5.00%	5.00%	0.00%	19.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	5.00%	OMF FY20	100.0%
		Rate Covenant	2.14	1.97	1.86	2.63	2.83	2.31	2.26	2.41	2.58	2.82	2.45		



19.00%
Rate Increase
FY 2021

ROI phase out has resulted in no increase in FY 2020 and a 14% lower rate increase in FY 2021

Rate Study Overview

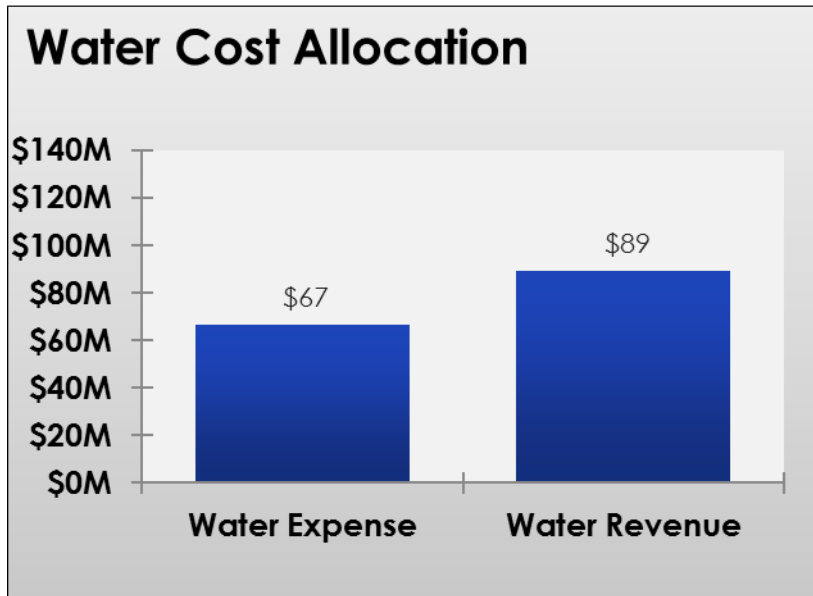
Key Elements

- 1 Revenue Sufficiency
- 2 Cost of Service
- 3 User Rates
- 4 Impact Fees

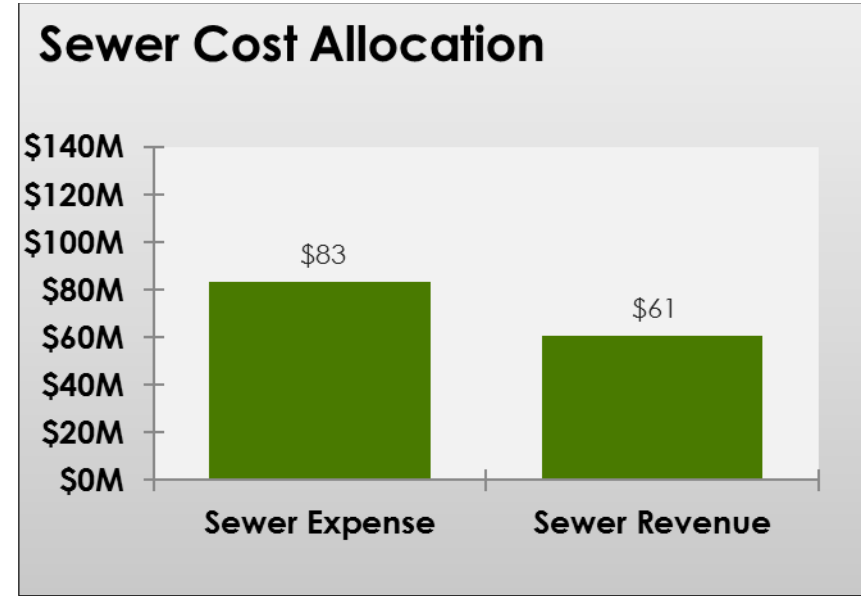
Base Parameters

- Based on the FY 2019 budget for water and sewer fund, intended to be “Revenue Neutral”
- Primary analysis sought to identify the unique cost of providing water and sewer services separately
- Analysis used relevant data, staff knowledge and expense type to allocate every line item in the utility budget (1,300 unique items)
- The City’s last similar analysis was 10+ years ago

FY 2019 Cost of Service Results



Revenues \$22M Over Cost 



Revenues \$22M Under Cost 

Key Driver: Recent sewer system investment and organizational attention

Key Note: Analysis is a snapshot in time and allocations could change

Recommendations

- Industry practice and future cost requirements would suggest a phased approach is most appropriate
- Modify annual rate indexing based on cost of service results

	FY 2020	FY 2021	FY 2022	FY 2023	FY 2024
Effective Date	10/1/19	10/1/20	10/1/21	10/1/22	10/1/23
Water Rate Adjustment	0.0%	3.6%	3.6%	3.6%	3.6%
Wastewater Rate Adjustment	0.0%	7.0%	7.0%	7.0%	7.0%
Overall Revenue Adjustment	0.0%	5.0%	5.0%	5.0%	5.0%

- Update cost of service analysis periodically (every 3-5 years) and adjust indexing plan as appropriate

Rate Study Overview

Key Elements

- 1 Revenue Sufficiency
- 2 Cost of Service
- 3 User Rates
- 4 Impact Fees

Base Parameters

General description of the City's rate structure:

Fixed Monthly Charge- Is dependent on meter size. Provides revenue stability to the utility by capturing a portion of customer related and “readiness to serve” costs.

Volumetric Charges- Charges are dependent on the level of metered water use by customer class. Recover remaining costs.

Objectives to consider in evaluating potential modifications for FY 2020:

- Recommendations will enhance rate payer equity
- Comport with cost of service findings
- Align with industry best practices

Water Fixed Charge Update

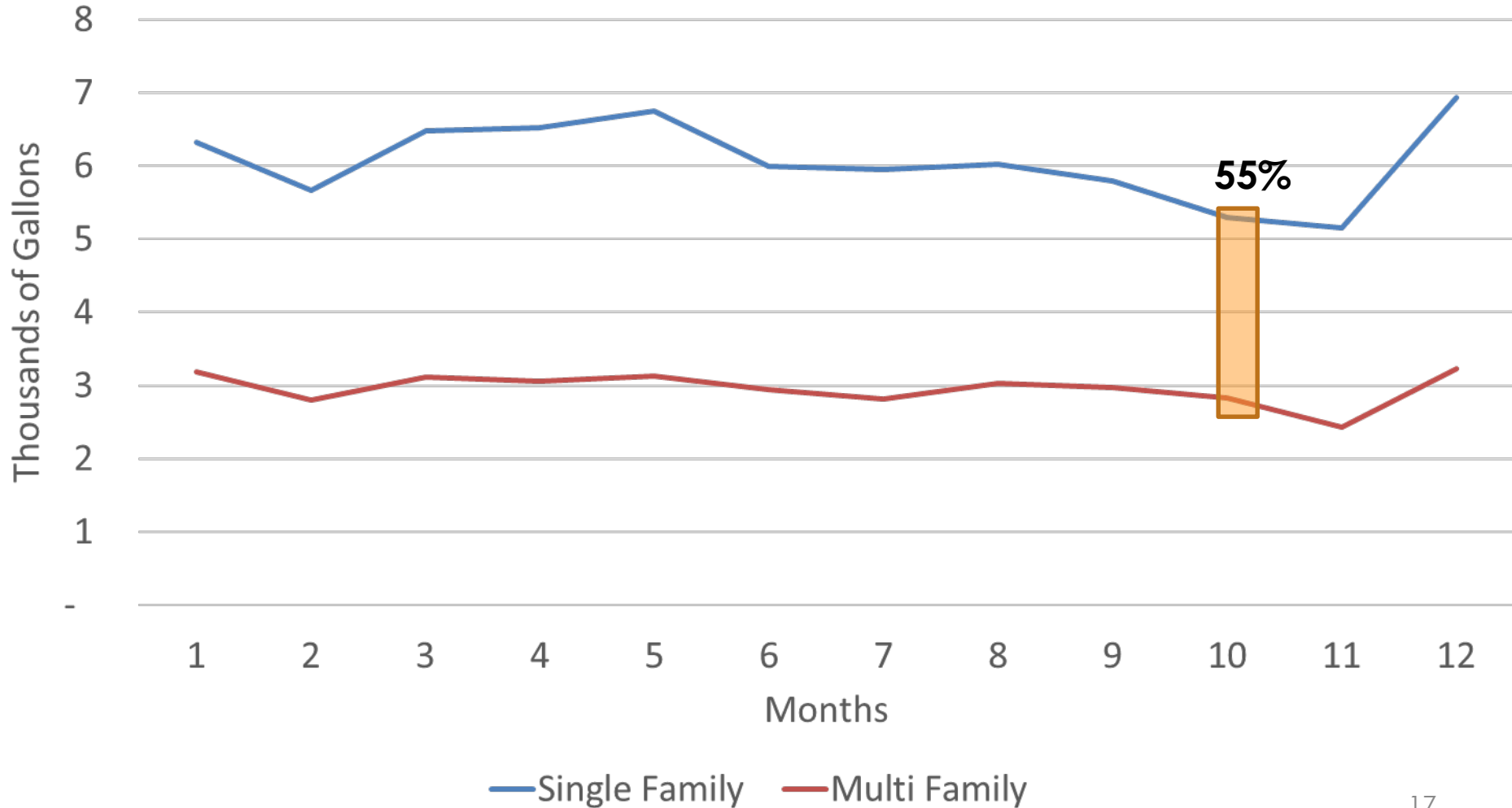
	Single-Family & Commercial	Multi-Family	Wholesale
Per Bill	\$2.29	\$2.29	\$2.29
Per Unit		\$2.46	
Meter Size			
5/8"	\$4.48		\$36.52
3/4"	\$6.71		\$54.78
1"	\$11.19		\$91.30
1.5"	\$22.38		\$182.60
2"	\$35.80		\$292.17
3"	\$78.32		\$639.12
4"	\$134.27		\$1,095.63
6"	\$302.19		\$2,465.16
8"	\$358.05		\$2,921.67
10"	\$939.88		\$7,669.38
12"	\$1,186.03		\$9,678.03
16"	\$1,365.06		\$11,138.99

A- Multifamily Based on Units



B- Multifamily Based on Meter Size

Multifamily Usage Trends

Monthly Usage



Water Fixed Charges

	Residential		Commercial	Multifamily
	Current	Proposed	Proposed	Proposed
Per Unit		A		\$ 2.46
Per Bill		\$ 2.29	\$ 2.29	\$ 2.29
5/8	7.56	\$ 4.48	\$ 4.48	 B
3/4	10.48	\$ 6.71	\$ 6.71	
1	16.36	\$ 11.19	\$ 11.19	
1 1/2	31.08	\$ 22.38	\$ 22.38	
2	48.72	\$ 35.80	\$ 35.80	
3	89.89	\$ 78.32	\$ 78.32	
4	148.73	\$ 134.27	\$ 134.27	
6	295.79	\$ 302.10	\$ 302.10	
8	472.25	\$ 358.05	\$ 358.05	
10	678.11	\$ 939.88	\$ 939.88	
12	1,266.13	\$ 1,186.03	\$ 1,186.03	
16	2,060.42	\$ 1,365.06	\$ 1,365.06	

	Wholesale	
	Current	Proposed
Per Bill		\$ 2.29
5/8	\$ 26.41	\$ 36.52
3/4	\$ 35.21	\$ 54.78
1	\$ 56.39	\$ 91.30
1 1/2	\$ 109.92	\$ 182.60
2	\$ 174.02	\$ 292.17
3	\$ 322.83	\$ 639.12
4	\$ 536.37	\$ 1,095.63
6	\$1,069.87	\$ 2,465.16
8	\$1,709.25	\$ 2,921.67
10	\$3,070.38	\$ 7,669.38
12	\$4,936.80	\$ 9,678.03
16	\$8,343.14	\$11,138.87

A- Multifamily Based on Units
 B- Multifamily Based on Meter Size

Sewer Fixed Charge Update

Single-Family & Commercial

Multi-Family

Per Bill

\$2.37

\$2.37

Per Unit

A



\$4.93

B



Meter Size

5/8"

\$8.96

3/4"

\$13.44

1"

\$22.41

1.5"

\$44.81

2"

\$71.70

3"

\$156.85

4"

\$268.88

6"

\$604.98

8"

\$717.01

10"

\$1,882.15

12"

\$2,375.10



16"

\$2,735.99

A- Multifamily Based on Units

B- Multifamily Based on Meter Size

Sewer Fixed Charges

	Residential Commercial Multifamily			
	Current	Proposed	Proposed	Proposed
Per Unit			A 	\$ 4.93
Per Bill		\$ 2.37	\$ 2.37	\$ 2.37
5/8	\$ 11.09	\$ 8.96	\$ 8.96	 B
3/4	\$ 15.81	\$ 13.44	\$ 13.44	
1	\$ 25.26	\$ 22.41	\$ 22.41	
1 1/2	\$ 48.81	\$ 44.81	\$ 44.81	
2	\$ 77.13	\$ 71.70	\$ 71.70	
3	\$ 143.15	\$ 156.85	\$ 156.85	
4	\$ 237.50	\$ 268.88	\$ 268.88	
6	\$ 473.29	\$ 604.98	\$ 604.98	
8	\$ 756.28	\$ 717.01	\$ 717.01	
10	\$1,086.41	\$ 1,882.15	\$ 1,882.15	
12	\$2,029.68	\$ 2,375.10	\$ 2,375.10	
16	\$3,303.08	\$ 2,735.99	\$ 2,735.99	

A- Multifamily Based on Units

B- Multifamily Based on Meter Size

Current Volumetric Charges

Water:

WATER COMMODITY - MONTHLY USAGE CHARGES

		CONSUMPTION	RATE
SINGLE FAMILY (1,000 gallons per month)	BLOCK 1	0 - 3,000	\$2.32
	BLOCK 2	4,000 - 8,000	\$5.12
	BLOCK 3	9,000 - 12,000	\$6.41
	BLOCK 4	13,000 - 20,000	\$8.64
	BLOCK 5	> 20,000	\$12.54
MULTIFAMILY RESIDENTIAL (1,000 gallons per month X number of dwelling units)	BLOCK 1	0 - 1,000	\$2.32
	BLOCK 2	2,000 - 3,000	\$5.12
	BLOCK 3	4,000 - 5,000	\$6.41
	BLOCK 4	6,000 - 8,000	\$8.64
	BLOCK 5	> 8,000	\$12.54
COMMERCIAL		> 1,000	\$5.29
MASTER METER (for each 1,000 gallons or fraction thereof)		> 1,000	\$4.82

Sewer:

SEWER (WASTEWATER) COMMODITY - MONTHLY USAGE CHARGES

		CONSUMPTION	RATE
SINGLE & MULTIFAMILY RESIDENTIAL (UNITS THAT HAVE SEPARATE METERS)	BLOCK 1	0 - 3,000	\$4.10
	BLOCK 2	4,000 - 20,000	\$9.06
	BLOCK 3	> 20,000	N/A

Single family residences will not be charged a commodity charge for usage in excess of twenty-thousand (20,000) gallons per month per unit.

MULTIFAMILY RESIDENTIAL (multifamily units that are not separately metered - 1,000 gallons per month X number of units)	BLOCK 1	0 - 1,000	\$4.10
	BLOCK 2	2,000 - 8,000	\$9.06
	BLOCK 3	> 8,000	N/A

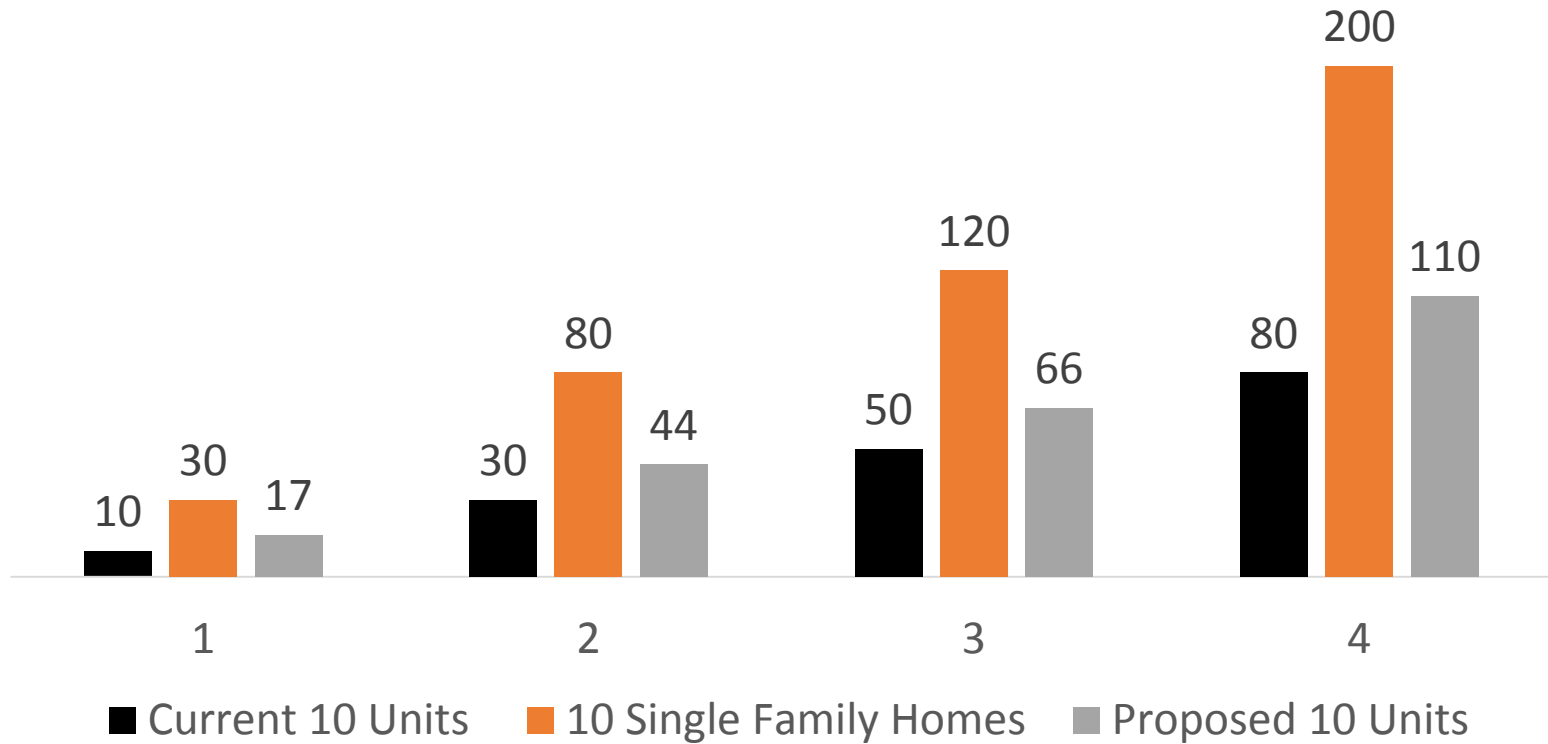
Multifamily residences will not be charged a commodity charge for usage in excess of eight-thousand (8,000) gallons per month per unit.

COMMERCIAL		> 1,000	\$7.28
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Volume Rate Modifications

- Removal of the sewer billing cap, currently 20,000 gallons monthly for single family homes and 8,000 gallons per unit for multifamily units
- Update of the wholesale rate using cost allocation principles to ensure the appropriate level of cost recovery
- Application of a 25% outside city surcharge to wholesale customers
- Resizing of Multi-family Tiers to ensure the equity of tier ranges

Multi-family Tier Sizing



Updated Volume Rates

Water Volume Pricing

	Residential	Commercial	Multifamily	Wholesale
All		\$ 5.59		\$ 2.78
Tier 1	\$ 2.45		\$ 2.45	
Tier 2	\$ 5.41		\$ 5.41	
Tier 3	\$ 6.77		\$ 6.77	
Tier 4	\$ 9.13		\$ 9.13	
Tier 5	\$ 13.25		\$ 13.25	

Tier Break Points *

	Residential	Commercial	Multifamily	Wholesale
Tier 1	3,000	All Use	3,000	All Use
Tier 2	8,000		8,000	
Tier 3	12,000		12,000	
Tier 4	20,000		20,000	
Tier 5	> 20,000		> 20,000	

*Multiplied Against effective ERUs

Wastewater Volume Pricing

	Residential	Commercial	Multifamily
All		\$ 7.39	
Tier 1	\$ 4.16		\$ 4.16
Tier 2	\$ 9.19		\$ 9.19

Tier Break Points*

	Residential	Commercial	Multifamily
Tier 1	3,000	All Use	3,000
Tier 2	>3,000		>3,000

*Multiplied Against effective ERUs

Residential Water & Sewer 5/8" Meter Customer Impacts

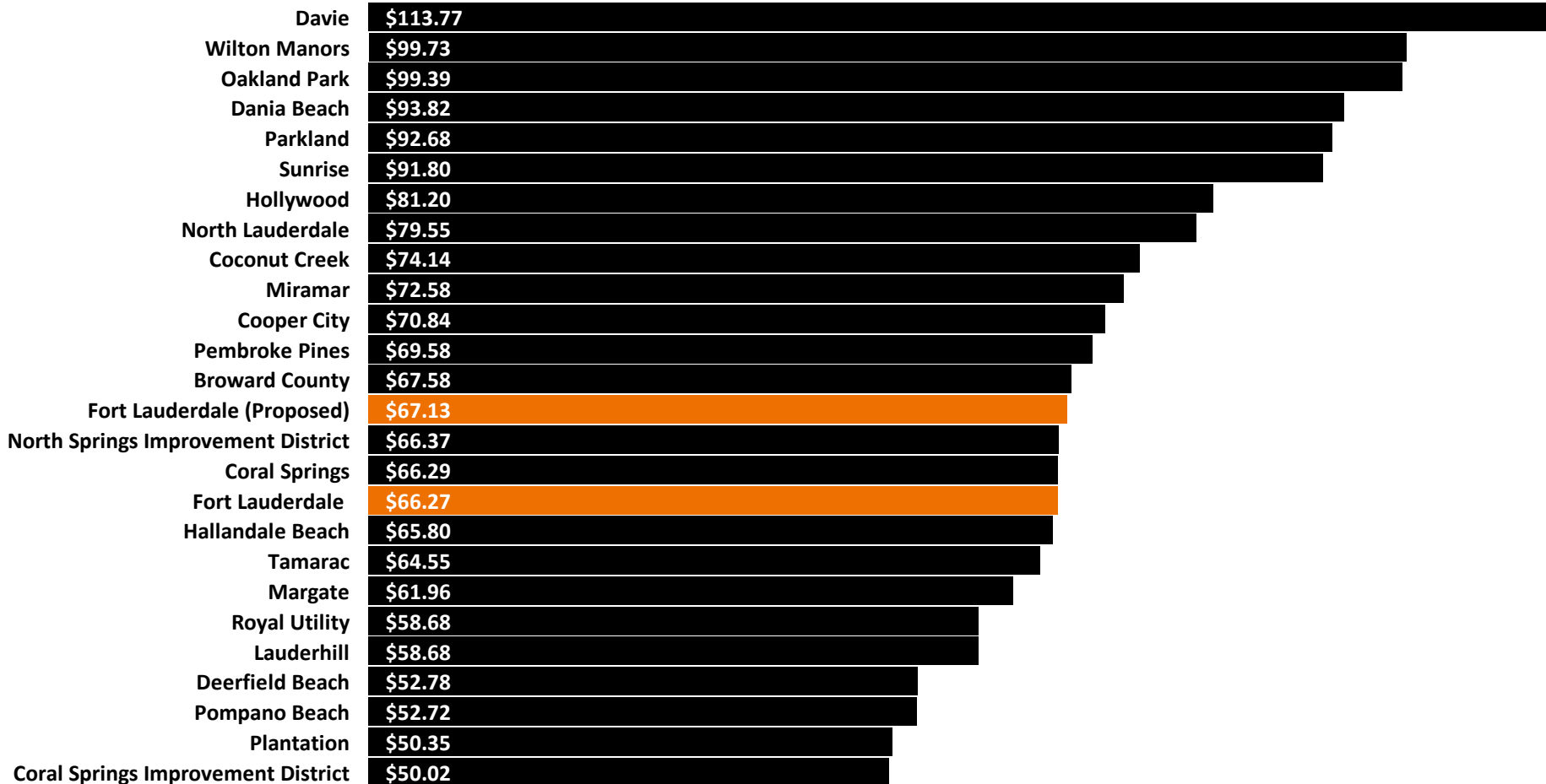
User Rates

K Gallons	Cumulative Bills	Current Total	Proposed Total	Change \$	Change %
0	7%	\$ 18.65	\$ 18.10	\$ (0.55)	-2.95%
1	15%	\$ 25.07	\$ 24.71	\$ (0.36)	-1.44%
2	27%	\$ 31.49	\$ 31.32	\$ (0.17)	-0.54%
3	41%	\$ 37.91	\$ 37.93	\$ 0.02	0.05%
4	54%	\$ 52.09	\$ 52.53	\$ 0.44	0.84%
5	64%	\$ 66.27	\$ 67.13	\$ 0.86	1.30%
6	72%	\$ 80.45	\$ 81.73	\$ 1.28	1.59%
7	77%	\$ 94.63	\$ 96.33	\$ 1.70	1.80%
8	82%	\$ 108.81	\$ 110.93	\$ 2.12	1.95%
9	85%	\$ 124.28	\$ 126.89	\$ 2.61	2.10%
10	87%	\$ 139.75	\$ 142.85	\$ 3.10	2.22%
15	94%	\$ 223.79	\$ 229.73	\$ 5.94	2.65%
20	96%	\$ 312.29	\$ 321.33	\$ 9.04	2.89%
25	98%	\$ 374.99	\$ 433.53	\$ 58.54	15.61%
30	99%	\$ 437.69	\$ 545.73	\$ 108.04	24.68%

Water and Sewer Rate Survey 5/8" User @ 5,000 Gallons

User Rates

Combined Water & Sewer Bill Survey at 5,000 Gallons per Month



21,476 Meters

Select Commercial Customer Impacts

5/8" Meter					
K Gallons	Current Total	Proposed Total	Change \$	Change %	
0	\$ 18.65	\$ 18.10	\$ (0.55)	-2.95%	
5	\$ 81.50	\$ 83.00	\$ 1.50	1.84%	
10	\$ 144.35	\$ 147.90	\$ 3.55	2.46%	
20	\$ 270.05	\$ 277.70	\$ 7.65	2.83%	
30	\$ 395.75	\$ 407.50	\$ 11.75	2.97%	

1,879 Meters

1" Meter					
K Gallons	Current Total	Proposed Total	Change \$	Change %	
0	\$ 41.62	\$ 38.26	\$ (3.36)	-8.07%	
5	\$ 104.47	\$ 103.16	\$ (1.31)	-1.25%	
10	\$ 167.32	\$ 168.06	\$ 0.74	0.44%	
20	\$ 293.02	\$ 297.86	\$ 4.84	1.65%	
30	\$ 418.72	\$ 427.66	\$ 8.94	2.14%	
50	\$ 670.12	\$ 687.26	\$ 17.14	2.56%	

1,444 Meters

Select Multi-Family Customer Impacts

User Rates

Meter Size	Units	Monthly Water (Gal)	Monthly Sewer (Gal)	Total Existing	Total Proposed	\$ Chg.	% Chg.
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Option A

Meter Size	Units	Monthly Water (Gal)	Monthly Sewer (Gal)	Total Existing	Total Proposed	\$ Chg.	% Chg.
1"	20	50,000	50,000	\$595.42	\$503.12	-\$92.30	-15.5%
2"	100	300,000	300,000	\$3,603.85	\$3,169.15	-\$434.70	-12.1%
2"	10	20,000	20,000	\$331.85	\$267.67	-\$64.19	-19.3%
4"	280	3,000,000	3,000,000	\$50,071.83	\$45,622.12	-\$4,449.71	-8.9%
4"	400	1,100,000	1,100,000	\$11,462.23	\$9,716.90	-\$1,745.33	-15.2%
6"	370	1,300,000	1,100,000	\$13,858.98	\$12,217.46	-\$1,641.53	-11.8%
6"	30	200,000	200,000	\$3,625.68	\$3,494.05	-\$131.64	-3.6%
8"	33	275,000	275,000	\$5,387.19	\$4,924.48	-\$462.71	-8.6%
8"	408	2,700,000	2,700,000	\$39,724.29	\$36,321.67	-\$3,402.62	-8.6%

Option B

Select Wholesale Customer Impacts

Account	Usage (Kgal)	Current Total	Proposed Total	\$ Change	% Change
Account 1	30,504	\$ 159,867.72	\$ 142,631.83	\$ (17,235.89)	-10.8%
Account 2	105,646	\$ 550,235.72	\$ 453,518.07	\$ (96,717.65)	-17.6%
Account 3	745	\$ 24,101.90	\$ 46,438.96	\$ 22,337.06	92.7%
Account 4	845	\$ 24,583.90	\$ 46,785.21	\$ 22,201.31	90.3%
Account 5	244,700	\$1,279,571.68	\$1,014,391.09	\$(265,180.59)	-20.7%
Account 6	73,927	\$ 369,166.58	\$ 292,983.97	\$ (76,182.61)	-20.6%

45 Meters

Presentation Overview

Today's Topics

- 1 Revenue Sufficiency
- 2 Cost of Service
- 3 User Rates
- 4 Impact Fees

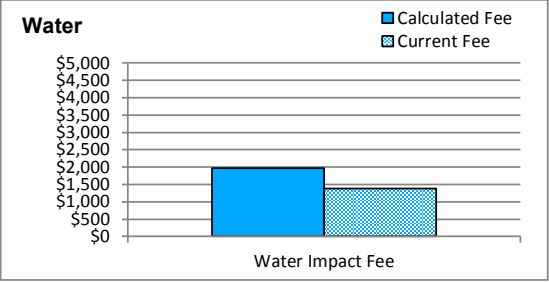
Impact Fee Update

- Impact fees last updated 10+ years ago
- Analysis calculated the cost of capacity of the current water and sewer systems.
- Reviewed and updated the level of service provided to each ERU.
- The resulting fee represents the current cost to buy into the system for an ERU.

Impact Fee Update

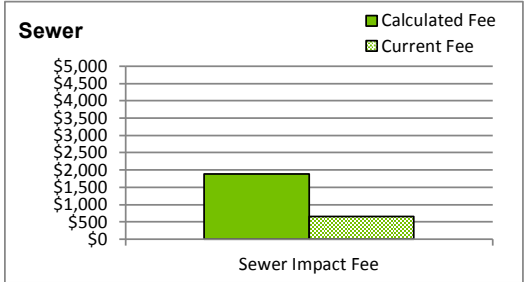
Water Impact Fee

Total Plant In Service	\$ 533,891,454
Expansion Capital Costs	\$ -
Total Costs Buy-In Method	\$ 533,891,454
Cost per ERU	\$ 3,048
Debt Service Credit	\$ (1,129)
Cost Recovery Percentage	100.0%
Total Calculated Fee:	\$ 1,977
Credit % (Incremental or Combined)	37.0%
Current Fee:	\$ 1,386
Dollar Change:	\$ 591
Percentage Change:	43%



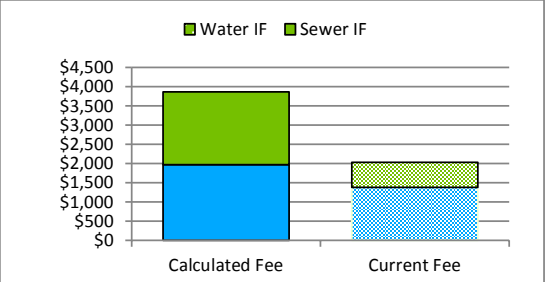
Sewer Impact Fee

Total Plant In Service	\$ 939,034,371
Expansion Capital Costs	\$ -
Total Costs Buy-In Method	\$ 939,034,371
Cost per ERU	\$ 2,904
Debt Service Credit	\$ (1,071)
Cost Recovery Percentage	100.0%
Total Calculated Fee:	\$ 1,888
Credit % (Incremental or Combined)	36.9%
Current Fee:	\$ 651
Dollar Change:	\$ 1,237
Percentage Change:	190%



Total Impact Fee

Current	
Water IF	\$ 1,386
Sewer IF	\$ 651
Total SDFs	\$ 2,037
Calculated	
Water IF	\$ 1,977
Sewer IF	\$ 1,888
Total Calculated SDFs	\$ 3,860
Dollar Change	\$ 1,823
Percent Change	89.5%



Impact Fee Recommendations

- The City should consider updating the impact fees charged to fully recover the current cost of capacity for new connections.
- The City should consider assessing impact fees to new connections on the wholesale systems.

Questions/Discussions



The Tobacco Free Partnership of Broward County

BUS-4
Conf 5/21/2019
Provided by
John Pierdon

YOU CAN HELP

Inform the Community

Educate Youth

Strengthen Policies

Protect The Environment



#LiveSmokeFree
JOIN US TODAY

The **Tobacco Free** Partnership of Broward County

Mission: To prevent or reduce the health risks associated with tobacco use through community education.

Meeting Date: 3rd Thursday of each month

Meeting Time: 8:00 AM - 9:30 AM

Location:

Florida Department of Health in Broward County

780 SW 24th Street

Fort Lauderdale, FL 33315

954-467-4807

www.tfp-broward.org



Contact Us For Volunteer Opportunities!