



FY 2020 **Enterprise** Budgets

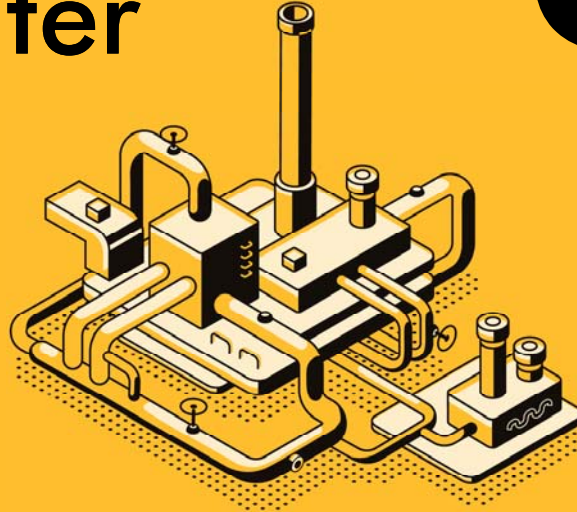
Miami Beach

Enterprise Funds

- ☐ Storm Water
- ☐ Water & Sewer
- ☐ Parking
- ☐ Convention Center
- ☐ Sanitation



Storm Water Fund



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Operating Budget



Storm Water

- **Ongoing impacts as pump stations are added**
 - Currently maintain 47 pump stations
 - In the past year added 10 pump stations and 2 more coming online this Fall
 - Anticipate an additional 30 pump stations over the next 15 years
- **Additional staff needed to maintain increased infrastructure**

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Storm Water

Renewal & Replacement Needs

	Useful Life/ Maint. Cycles	Estimated Inflation Rate	Year 2020
Pump Station Components (Replace Assets)	varies by asset	10%	421,326
Back Flow Inline Valves (FLEX/WASTOP) Replace & Maintenance	15	5%	1,008,502
Seawall Outfall Maintenance (including 10% contingency)	NA	5%	1,357,603
Injection Wells Maintenance	8	4%	383,344
Total			\$ 3,170,775

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Storm Water

FY 2020 Expenditure Reductions

Reductions	\$
Rent Building & Equipment	270,000
Contract Maintenance	26,000
Contracted Services- Repairs	15,000
Other Operating Expenditures	5,000
Elimination of 1% COLA in April 2020 for Positions \$100,000 and over (Unclassified Only)	2,000
Total	\$ 318,000

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FY 2020 Expenditure Enhancements



One-Time Enhancement	\$
Neighborhood Improvement Design Criteria Package (\$3M Split-funded)	1,500,000
Total	\$ 1,500,000
Recurring Enhancements	\$
Two Electrician positions to maintain pump stations	256,000
Assistant Pumping Mechanic position to maintain pump stations	108,000
Living Wage increase	3,000
Total	\$ 367,000

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Capital Budget



Total program estimated at \$658 million per the 2017 AECOM Engineers Report

- 1st \$100 million funded from Storm Water Bonds issued July, 2015
 - Rate increase of \$7.61 or 84% for a total of \$16.67 per ERU
- 2nd \$100 million funded from Storm Water Bonds issued December, 2017
 - Rate increase of \$6.00 or 36% for a total of \$22.67 per ERU
- 3rd \$100 million to be cash funded from Miami-Dade County Interlocal Agreement
 - Of the \$100 million, \$53.9 million has been received to date and the remaining \$46.1 million is anticipated to be received over the next 3 years

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Capital Budget (Cont'd)

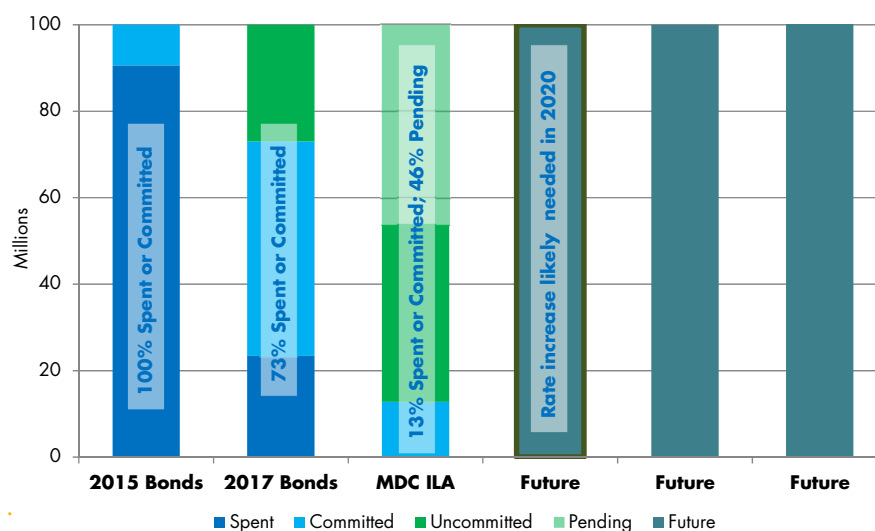


Jacobs Engineering has been tasked with creating a concept plan for integrated water management that will include project size and sequencing

- 4th \$100 million originally anticipated to be issued in 2022 with rate increase in FY 2019
 - Rate increase of \$4.59 or 19.7%
- Based on latest timing of implementation, a rate increase would be needed in Spring 2020 or projects may be delayed

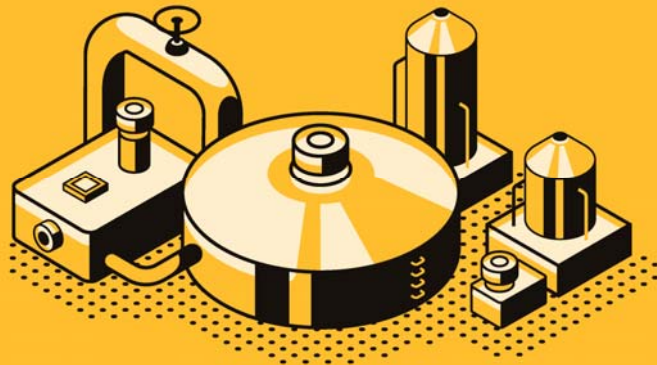
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Funding Recap & Outlook



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Water & Sewer Funds



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FY 2020 Operating Budget



Water & Sewer

Reductions	\$
Elimination of Backflow Coordinator Position (Vacant)	66,000
Elimination of 1% COLA in April 2020 for Positions \$100,000 and over (Unclassified Only)	4,000
Total	\$ 70,000
One-Time Enhancement	\$
Neighborhood Improvement Design Criteria Package (\$3M Split-funded)	1,500,000
Total	\$ 1,500,000
Recurring Enhancement	\$
Living Wage Increase	6,000
Total	\$ 6,000

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Capital Update



- Capital improvements are often contingent on projects in the Storm Water program
- An updated capital plan is expected from Hazen and Sawyer for the September Sustainability & Resiliency Committee Meeting
 - Water & Sewer hydraulic models
 - Water & Sewer project needs will be quantified at the completion of the study
 - Future rate increases to fund projects are likely

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Rates Update



- For FY 2020, no water and sewer rate increases are recommended
- Future rate increases are anticipated following prioritization of the capital needs from the Hazen and Sawyer report

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Anticipated Capital Needs

Source: Hazen and Sawyer City of Miami Beach Water and Sewer Renewal and Replacement Report (May 2018)

Aerial Crossing No.	Aerial Crossing Name	Project Description	Probable Project Cost
No. 1 – Water	MacArthur Causeway between Terminal Island & Alton Rd. over Biscayne Bay	Replacement of the pipe segments in the poorest condition on the south side of the bridge. Installation of new pipe supports on both water mains. Cleaning and recoating of both water mains. Installation of an air-release valve on both water mains.	\$1,300,000
No. 2 – Water	Venetian Way between San Marco Island & Purdy Ave. over Biscayne Bay	Replacement of both aerial crossings with 16-inch subaqueous horizontal directional drilling.	\$10,600,000
No. 8 – Water – Distribution	W. 41 st St. between Meridian Ave & Chase Ave over Biscayne Waterway	Replacement of the aerial crossing with 8-inch subaqueous horizontal directional drilling.	\$400,000
No. 9 – Water	W. 41 st St. between Pine Tree Dr. & Indian Creek Dr. over Indian Creek Canal	Replacement of the aerial crossing with 16-inch subaqueous horizontal directional drilling.	\$600,000
No. 14 - Water	71 st St. between Bay Dr. & Bonita Dr. over Tatum Waterway	Replacement of the aerial crossing with 30-inch subaqueous horizontal directional drilling.	\$1,000,000
TOTAL			\$13,900,000

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Anticipated Capital Needs

Source: Hazen and Sawyer City of Miami Beach Water and Sewer Renewal and Replacement Report (May 2018)

Table 6-4: Opinion of Probable Project Costs – Wastewater Collection System Pump Stations

Pump Station No.	Project Description	Probable Project Cost
No. 1	Complete replacement of mechanical and HVAC systems. Major structural rehabilitant including cleaning, concrete repair, and recoating. No electrical or instrumentation upgrades are included based on good overall condition at the time of the assessment.	\$2,200,000
No. 28	Complete replacement of mechanical and HVAC systems. Major structural rehabilitant including cleaning, concrete repair, and recoating. No electrical or instrumentation upgrades are included based on good overall condition at the time of the assessment.	\$3,100,000
No. 30	Complete replacement of mechanical equipment. Complete replacement of electrical and instrumentation equipment. Major structural rehabilitant including cleaning, concrete repair, and recoating.	\$1,100,000
No. 31	Complete replacement of mechanical equipment. Complete replacement of electrical and instrumentation equipment. Major structural rehabilitant including cleaning, concrete repair, and recoating.	\$2,500,000
TOTAL		\$8,900,000

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Parking Fund



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Parking Utilization Rates



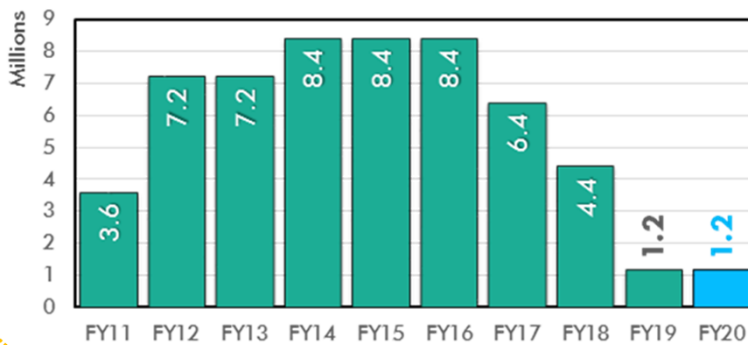
	FY 2015	FY 2016	FY16-FY15 Var. (%)	FY 2017	FY17-FY16 Var. (%)	FY 2018	FY18-FY17 Var. (%)
Total Garage Hours	12,630,463	13,158,578	4.2%	12,113,827	-7.9%	12,403,103	2.4%
Total Lot/Off-Street Hours	5,693,412	5,272,133	-7.4%	5,099,289	-3.3%	5,136,873	0.7%
Total On-Street Hours	8,766,321	6,022,838	-31.3%	5,528,940	-8.2%	5,537,403	0.2%
Total	27,090,196	24,453,549	-9.7%	22,742,056	-7.0%	23,077,379	1.5%

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Parking Fund Transfer to General Fund

Recommendation:

- Eliminate transfer to the General Fund completely
- Reduce use of RDA Amendment proceeds over time in the General Fund

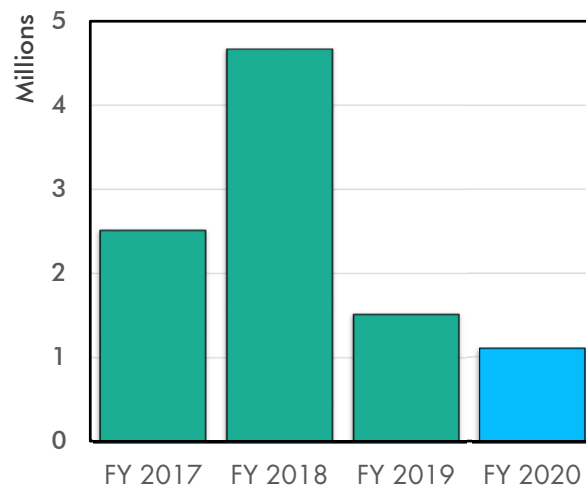


FISCAL YEAR	\$
FY 2011	3,600,000
FY 2012	7,200,000
FY 2013	7,200,000
FY 2014	8,400,000
FY 2015	8,400,000
FY 2016	8,400,000
FY 2017	6,400,000
FY 2018	4,400,000
FY 2019	1,166,000
FY 2020	1,166,000

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Parking Fund Transfer to Transportation Fund

FISCAL YEAR	\$
FY 2017	2,517,000
FY 2018	4,668,000
FY 2019	1,521,000
FY 2020	1,117,000



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FY 2020 Budget



Reductions	\$
Reduction of Contracted Security in Parking Garages	218,000
Elimination of 2 Full-Time Parking Freight Loading Zone Positions	124,000
Increase Space Between Pay Stations	63,000
Convert Full-Time Sign Maker Position to Part-Time	49,000
Elimination of 1% COLA in April 2020 for Positions \$100,000 and over	6,000
Total	\$ 460,000
Enhancement	\$
Living Wage Increase	155,000
Total	\$ 155,000

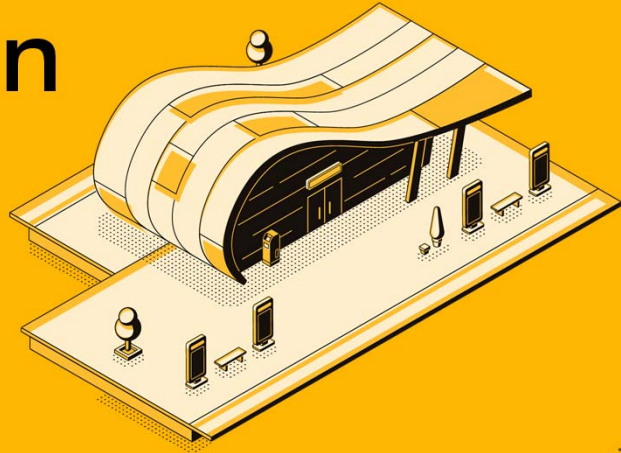
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Proposed Parking Revenue Enhancements

	50% Rate Increase	100% Rate Increase	100% Rate Increase + Garages Alternative Rate Flat Rate \$30
Spring Break (5 - 4 day weekends)			
On-Street	\$115,000	\$169,000	\$169,000
Off-Street	7,000	10,000	10,000
Garages (based on current hourly rates)	87,000	128,000	99,000
Total	\$209,000	\$307,000	\$278,000
Memorial Day (5 days)			
On-Street	\$8,000	\$11,000	\$11,000
Off-Street	1,000	2,000	2,000
Garages (based on current hourly rates)	17,000	25,000	36,000
Total	\$26,000	\$38,000	\$49,000
Each Additional 4 Day Weekend as needed			
On-Street	\$20,000	\$29,000	\$29,000
Off-Street	1,000	2,000	2,000
Garages (based on current hourly rates)	14,000	21,000	29,000
Total	\$35,000	\$52,000	\$60,000

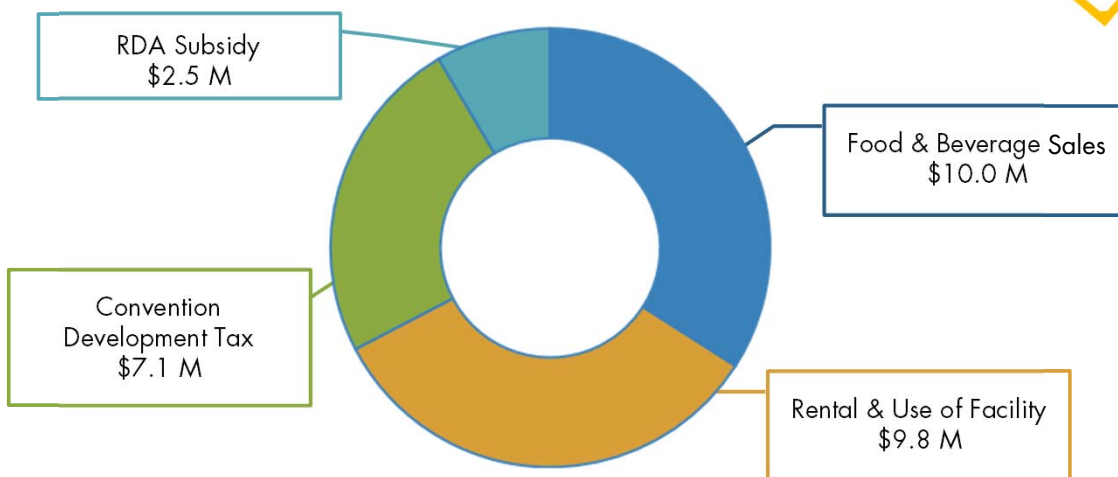
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Convention Center Fund



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Major Sources of Funds



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Spectra	FY 2020 " <u>Recurring</u> " Expenditure Enhancements		
	Enhancements	Year 1	Year 2
	Code/Permitting Professional Services	150,000	155,000
	Guest Services Associates/Curbside Managers	117,000	121,000
	Full-Time Transportation Manager	77,000	80,000
	Full-Time Security Officer	42,000	64,000
	Full-Time Plumber	41,000	63,000
	Sub-Total	\$ 427,000	\$483,000

Spectra

FY 2020 "Recurring" Expenditure Enhancements



Enhancements	Year 1	Year 2
Previous Sub-Total	427,000	483,000
Full-Time Event Operations Manager	41,000	63,000
Full-Time Security Supervisor	24,000	36,000
Social Tables Software	16,000	12,000
Living Wage Increase	26,000	26,000
Sub-Total	\$ 534,000	\$620,000

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Centerplate

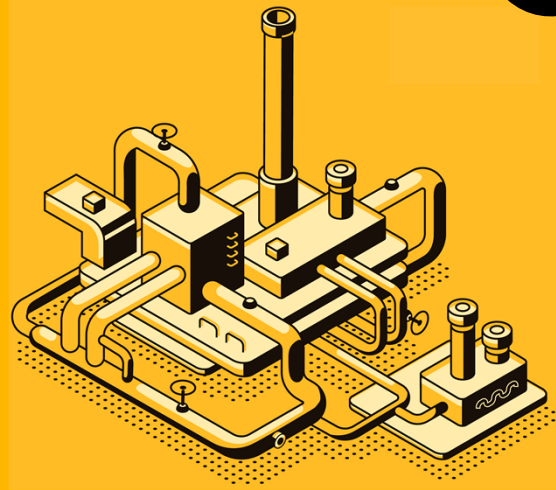
FY 2020 "Recurring" Expenditure Enhancements



Enhancements	Year 1	Year 2
Full-Time Hospitality Director of Banquets/ Catering Position	94,000	98,000
Full-Time Catering Sales Manager Position	88,000	92,000
Full-Time Accounting Manager/Controller Position	75,000	78,000
Total	\$ 257,000	\$268,000

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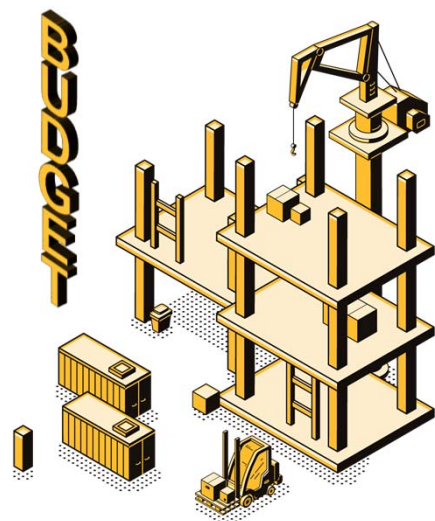
Sanitation Fund



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Sanitation

To be covered
as part of the
**Zero Based
Budget**
discussion



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Thanks!