# City of Sugar Land FY20 Budget Workshops

**ENTERPRISE FUNDS** 

JENNIFER BROWN, DIRECTOR OF FINANCE

#### **Workshop Format**

- Review budget information
- Staff is keeping track of questions
  - Answer questions as we go
  - Identify areas for more information and follow up
  - Will provide a summary of answers to all
- Goal: provide information to allow for informed City Council decisions

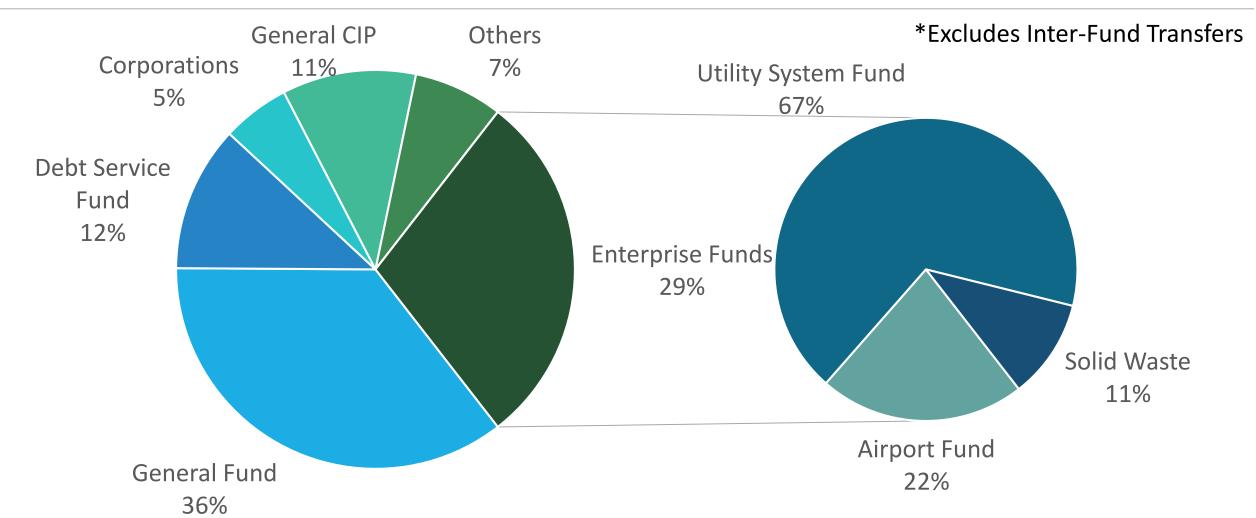
## **Enterprise Funds**

- Services are funded through user fees
- Financed and operated in a manner similar to a private business
- Sugar Land has three Enterprise Funds:
  - Utility Fund
  - Solid Waste Fund
  - Airport Fund
- Not supported by General Government finances (taxes)





## FY20 Budget Total Expenditures \$272.1M\*



#### FY20 Base Budget Assumptions – Enterprise Funds

- Base adjustments required to deliver the same level of service
  - CPI Adjustments
  - Utility costs
  - Fleet maintenance
- Implementation of City's Compensation Philosophy
  - Performance based merit pool budgeted at 3%
  - Compensation plan structure moves, no across the board adjustments
  - Benefits cost budgeted at 7% increase to City

## **Utility Fund**

## **Utility Fund Overview**

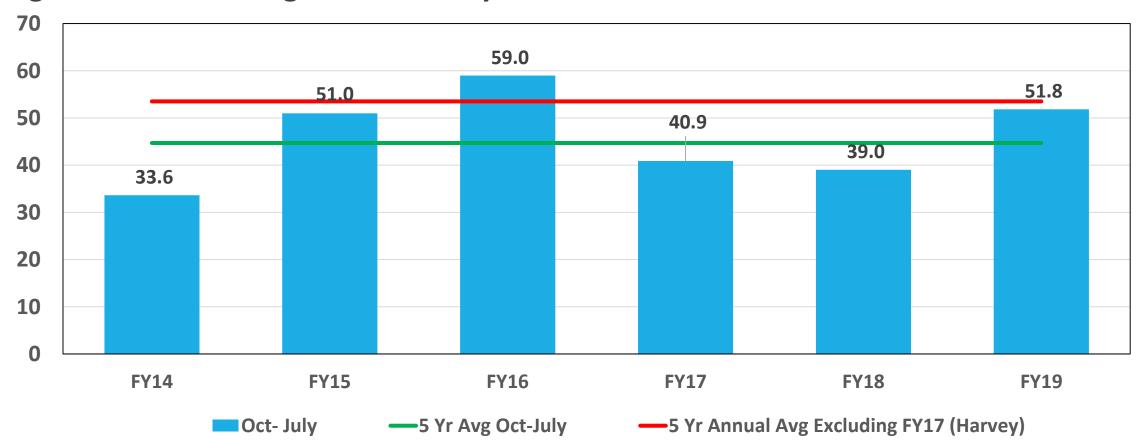
- Responsible for the long range planning, administration and operation of the City's water, surface water and wastewater systems including regulatory compliance for all mandated EPA and TCEQ programs
- Surface Water operations account for all activities relating to the conversion of surface water and groundwater reduction plan
- Implementation of the Integrated Water Resource Plan
- Activities relating to mandated reduction of groundwater use by Fort Bend Subsidence District
  - 30% by 2015
  - o 60% by 2025

#### **FY19 Overview**

- Above average rainfall has led to lower than anticipated consumption
  - Revenues are lower than budgeted; budget for an average year
  - Revenues estimated based on incomplete data
  - Residents have changed behaviors, reduced consumption
  - Citywide winter average is down from 5,780 to 5,280 gallons
- Expenditure savings as a result of lower water production
  - Enough to nearly offset the additional water rights purchased in FY19
- Sufficient fund balances available to draw down without negative impact to long range forecast

## **Sugar Land Rainfall**

#### Regional Rainfall Averages 41" Oct - July



## **FY19 Water Rights Acquisition**

	FY19 Projections
FY19 Additional Water Rights	\$ 812,641
Covered with FY19 Operating Savings:	
Electricity for Treatment Plants	- 504,422
Water Treatment Chemicals	- 200,000
Departmental Operating Savings	- 107,619
Total Operating Savings	\$ -812,041

#### **Inter-Fund Loan Paid**

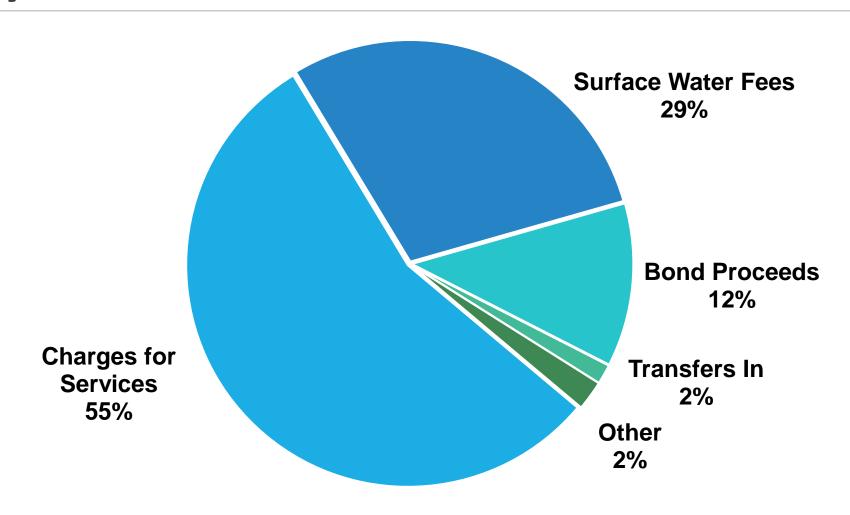
 In 2016 City Council approved a \$3M inter-fund loan to support the Westside Land Acquisition project from Surface Water Fund

Airport\$2M

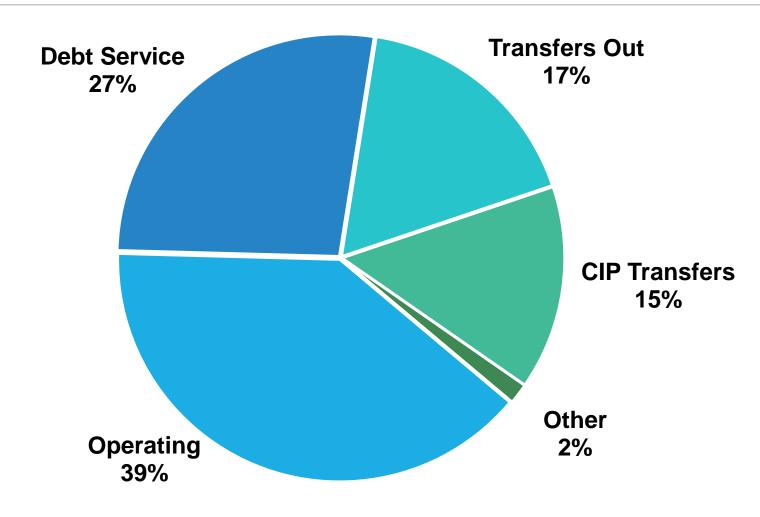
General CIP/ SLDC \$1M

Inter-Fund Loan will be fully repaid with interest at the end of FY19 as planned

## **FY20 Utility Fund Revenues \$63.31M**



## FY20 Utility Fund Expenditures \$64.30M



#### **FY20** Base Budget Assumptions

- Contractual increases to maintain current service levels
- Subsidence district regulations will drive future rate increases
- Begin implementation of the Integrated Water Resource Plan (IWRP)
  - Operating Budget Additions
  - Capital Improvement Program planning
- Revenues based on
  - Average year's rainfall/consumption
  - Winter average for residential wastewater 5,280 gallons

## Base Adjustments in FY20 Budget

Description	Recurring
Repairs & Maintenance	\$ 184,088
Chemicals	77,839
Increased Cost of Existing Water Rights	48,635
Vehicle Maintenance Increase	54,893
R & M Supplies/Training	12,825
Cost Allocation Plan (recurring from FY19 update)	610,271
Transfer to Debt Service Fund (MUD Debt Payments)	-176,836
Comp Plan Adjustment	10,500
Total Base Budget Adjustments	\$ 822,215

#### **Integrated Water Resources Plan**

- IWRP adopted by City Council on March 19, 2019 after 4 years of work
- Recommendations on how to best meet the long term water needs of the City
  - Capital investment and operating impacts
  - Five Year CIP and forecast reflects recommendations and costs
  - Revenue requirements derived from costs determines rate adjustments
  - Future policy direction can influence out-year implementation and costs
    - Medium and long-term projects are outside of five-year window

## **Summary of IWRP Implementation in FY20**

Description	Recurring	One-Time
Additional Water Rights- BRA	\$ 842,878	\$ -
Additional Water Rights- GCWA	239,930	
Utility Rate Study		60,000
Operating Funding from IWRP Recommendations	\$ 1,082,808	\$ 60,000

FY20 Capital Projects for IWRP	
Surface Water Treatment Plant Expansion	\$ 605,250
SW Transmission Line to New Territory WP	160,000
Total FY20 CIP for IWRP	\$ 765,250

#### **IWRP Recommendations in FY20-24 Forecast**

Description (\$M)	FY20	FY21	FY22	FY23	FY24	TOTAL
Utility Rate Study	\$ 0.060	\$ -	\$ -	\$ -	\$-	\$0.060
Water Loss Audits		0.132	0.132	0.132	0.132	0.528
Pilot Programs/ Studies	-	0.100	0.050	0.080	0.080	0.310
Additional Water Rights	1.082	1.750	1.750	1.750	1.750	8.082
Automated Meter Integration		1.711	9.656	0.075	0.075	11.517
Rebates & Initiatives		0.426	0.426	0.426	0.426	1.704
SWTP Expansion	0.605		1.816	19.123	19.123	40.667
SWTP Transmission Lines	0.160		0.418	4.398	4.398	9.374
New Territory WP Conversion		0.165	0.495	10.428		11.088
TOTAL	\$ 1.907	\$ 4.284	\$ 14.743	\$ 36.412	\$ 25.984	\$ 83.330

**Operating Budget** 

## **Rehabilitation Increases**

Description	Recurring	One-Time
Valve Rehab & Repairs	\$ 104,062	\$ -
Meter Repairs		37,000
Sewer Televising & PACP Scoring System	2,100	24,900
Manhole Rehab & Repairs	130,000	
Total Rehabilitation Increases	\$ 236,162	\$ 61,900

## **Other Operating Additions**

Description	FTE	Recurring	One-Time
Customer Service - GM Worker	1.0	\$ 51,360	\$ 34,400
Testing Reagents- ChemTools		19,388	
Water Quality Technician	1.0	56,047	34,400
Water MP Update- South of Brazos River			150,000
AWIA Risk Study			250,000
Automatic Line Flushers			28,500
LIMS/WIMS Data Management Tools		8,000	150,000
Total Other Additions	2.0	\$ 134,795	\$ 647,300

## **Utility Fund Summary**

\$ Millions	FY19 Projection	FY20 Budget
Revenues	\$62.12	\$63.32
Operating Expenditures	- 24.99	- 25.28
CIP Transfers	- 13.77	-9.55
Other Non-Operating Expenditures	- 29.15	-29.48
Net Change	- 5.79	-0.99

## **Utility Fund Balances**

\$ Millions	FY19 Projection	FY20 Budget
Beginning Balance	\$ 27.60	\$ 21.81
Net Change	- 5.79	-0.99
Debt Service Reserve	- 8.94	- 7.30
Ending Balance	\$ 12.87	\$ 13.52
Cash Reserve Ratio	51%	53%
All-In Bond Coverage	1.19	1.70

## **FY20 Utility Rates**

Residential Rates	<b>Current Rate</b>	New Rate
Base Water Charge ¾" Meter	\$ 7.98	\$ 8.38
Volume 0-3,000 Gallons	0.90	0.95
Volume 3,001-10,000 Gallons	1.05	1.10
Volume 10,001-20,000 Gallons	1.43	1.50
Volume 20,001+ Gallons	1.64	1.72
Base WW Charge ¾" Meter	12.40	13.02
WW Volume per 1,000 Gallons	2.90	3.05
Surface Water per 1,000 Gallons	1.88	2.09

## **FY20 Utility Rates**

Commercial & Irrigation Rates	<b>Current Rate</b>	New Rate
Base Water Charge 2" Meter	\$ 51.54	\$ 54.12
Commercial per 1,000	1.17	1.23
Irrigation-Winter	1.16	1.22
Irrigation- Summer	1.46	1.53
Base WW Charge 2" Meter	86.97	91.32
WW Volume per 1,000 Gallons	2.90	3.05
Surface Water per 1,000 Gallons	1.88	2.09
GRP Pumpage Fee per 1,000 Gallons	1.75	1.93

## **Residential Utility Bill Impact**

Monthly bill based on:	<b>Current Rates</b>	New Rates
Water 12,000 Gal.	\$ 20.89	\$ 21.93
Surface Water 12,000 Gal.	22.56	25.10
Wastewater (5,280 Gal)	27.71	29.10
Total Water Bill	\$ 71.16	\$ 76.13
\$ Increase per month		\$4.97
% Increase per month		7%

#### **5 Year Utility Forecast Assumptions**

- Forecast includes annual increases to support
  - Construction and implementation of IWRP projects
    - Funded \$83.33 M within 5-year forecast
  - Infrastructure rehabilitation
  - System operating budget impacts
- Forecast assumptions
  - 3% growth in personnel costs
  - 2% in operations & maintenance costs

#### **5 Year Utility Forecast Assumptions**

FY20 Rate Increase:

Water/Wastewater5%

Pumpage/ Surface Water Fees 10%

Last Rate Increase:

Water/Wastewater Jan 2011

Pumpage/ Surface Water Jan 2014

- Estimated impact is 30% (average 6% annual) over the 5 year forecast
  - Increases spread out over time to build coverage to support debt issued for CIP from IWRP implementation
  - Future rates and structure to be defined through Utility Rate Study to be conducted in FY20

## **Utility System Fund – 5 Year Forecast**

\$ Millions	FY20	FY21	FY22	FY23	FY24
Total Revenues	\$ 63.32	\$ 70.83	\$ 87.57	\$ 109.04	\$ 108.23
Total Expenses	- 64.31	- 69.96	- 85.06	- 107.23	- 105.82
Net Income	- 0.99	0.87	2.51	1.81	2.41
Ending Balance	\$ 13.52	\$ 14.39	\$ 16.90	\$ 18.71	\$ 21.12

## FY20-FY24 Water CIP

\$ Millions	FY20	FY21	FY22	FY23	FY24	TOTAL
SH99 & US90A Line Relocation	\$ 0.35	\$ -	\$ -	\$ -	\$ -	\$ 0.35
Well Rehabilitation	1.27	1.27	1.27	1.27	1.27	6.35
Distrib. Sys. Water Main Rehab	0.30	2.80	0.30	2.80	0.30	6.50
<b>Ground Storage Tank Rehab</b>	1.20	1.20	1.20	1.20	1.20	6.00
<b>Ground Water Plant Rehab</b>	1.10	2.16	1.10	2.16	1.10	7.62
SCADA Improvements	0.08	0.15	0.23	0.30	0.38	1.14
Utility Work/Drainage CIP	1.65	-	-	-	-	1.65
Total Water	\$ 5.95	\$ 7.58	\$ 4.10	\$ 7.73	\$ 4.25	\$ 29.61

#### FY20-FY24 Wastewater CIP

\$ Millions	FY20	FY21	FY22	FY23	FY24	TOTAL
Collection System (Project E)	\$ 0.57	\$ 0.44	\$ 4.40	\$ -	\$ -	\$ 5.41
Lift Station Rehab	1.62	1.62	1.62	1.62	1.62	8.10
<b>Treatment Plant Improvements</b>	0.35	1.10	3.50	1.50	1.50	7.95
Lift Station 48	-	-	-	1.80	-	1.80
Force main from N to W WWTP	-	-	-	0.80	-	0.80
West WWTP Expansion Ph. 1	-	-	-	1.20	-	1.20
Collection System Rehab	-	-	-	0.30	2.80	3.10
Total Wastewater	\$ 2.54	\$ 3.16	\$ 9.52	\$ 7.22	\$ 5.92	\$ 28.36

#### FY20-FY24 Surface Water CIP

\$ Millions	FY20	FY21	FY22	FY23	FY24	TOTAL
SWT Plant Expansion*	\$ 0.61	\$ -	\$ 1.82	\$ 38.25	\$ -	\$ 40.68
Transmission Line to NT*	0.16	-	0.42	8.79	-	9.37
Yard Pipe & Aerial Cr. Recoating	0.30	-	-	-	-	0.30
New Territory WP Conversion*	-	0.16	0.49	10.43	-	11.08
Automated Meter Integration*	-	1.71	9.66	-	-	11.37
Total Surface Water	\$ 1.07	\$ 1.87	\$ 12.39	\$ 57.47	\$ -	\$ 72.80

<sup>\*</sup> IWRP Recommendation

## **FY20-24 Utility CIP Summary**

	FY20	FY21	FY22	FY23	FY24	TOTAL
Water	\$ 5.95	\$ 7.58	\$ 4.10	\$ 7.73	\$ 4.25	\$ 29.61
Wastewater	2.54	3.16	9.52	7.22	5.92	28.36
Surface Water	1.07	1.87	12.39	57.47	-	72.80
Total Utility CIP	\$9.56	\$ 12.61	\$26.01	\$ 72.42	\$ 10.17	\$ 130.77

## Solid Waste Fund

#### **Solid Waste Fund Overview**

- Solid Waste Fund accounts for all activities relating to residential solid waste collection
  - Facilitates a recycling program through solid waste contracts
  - Provides emergency response for debris removal
  - Engages the community with education and outreach

#### **FY20 Solid Waste Assumptions**

- Contractual Increase of 2.5% based on CPI increase
- Republic Services
  - Serves all of City except Greatwood
  - Rate increases based on contract- runs through March 2023
- Best Trash
  - Serves Greatwood
  - Based on existing contract- ends Dec 2020
  - Develop a transition plan during FY20
    - Work through Finance/Audit Committee

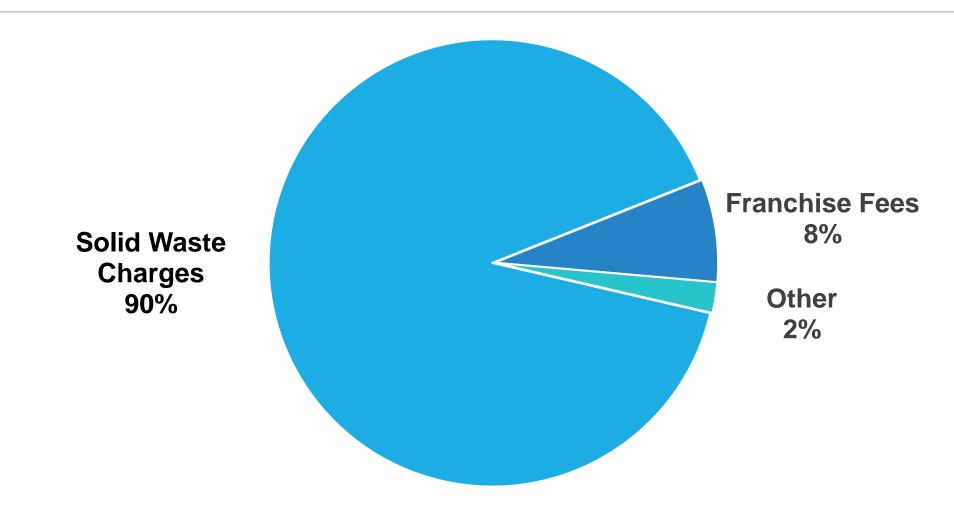
#### **FY20 Solid Waste Assumptions**

- Approximately 35,000 Residential customers
- Solid Waste Rates Contractual
  - Rate through December 31: \$18.91 per month
  - Increase Effective January 1 new rate \$19.38 per month
- Franchise Fees
  - 5% of gross receipts (Residential & Commercial)

#### **Recycling Discussion**

- Recycling market is changing
- Increase educational efforts to help public understand market issues
  - Public education & input through fall of 2019
  - Future of Recycling web page with FAQ
- Continue to coordinate through Finance/Audit Committee
- Future discussion on programs with City Council

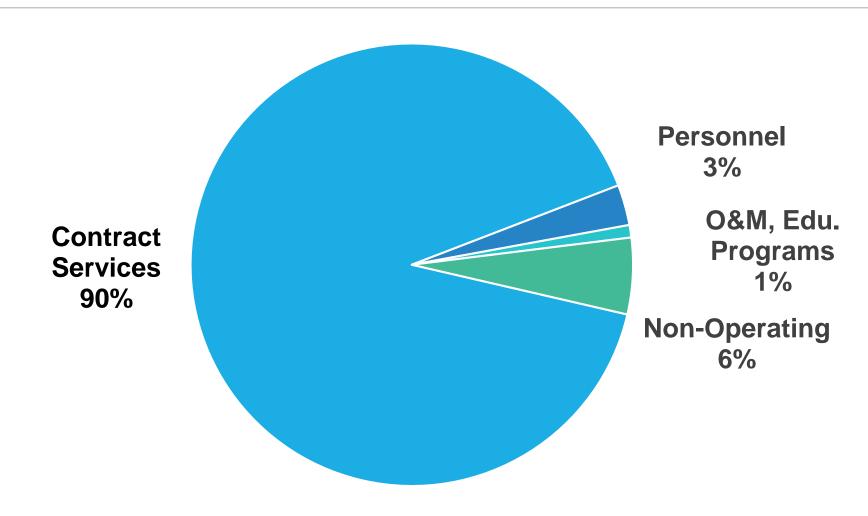
# FY20 Solid Waste Revenues \$8.83M



# **FY20 Solid Waste Base Budget**

Budget	Amount
Beginning Base Budget	\$8,780,982
Base Adjustments	5,176
FY20 Base Budget	\$8,786,158
Base Budget % Increase	0.06%

# FY20 Solid Waste Expenditures \$8.78M



# **Solid Waste Fund Summary**

\$ Millions	FY19 Proj.	FY20 Budget
Beginning Fund Balance	\$ 0.47	\$ 0.52
Revenue	8.63	8.84
Expenditures	-8.58	-8.79
Net Change	0.05	0.05
Ending Fund Balance	\$ 0.52	\$ 0.57

# Airport Fund

#### **Airport Fund Overview**

- Sugar Land Regional Airport
  - "Our mission is to be the safest, best planned, and most recognized 'premier' reliever airport within the Houston Metropolitan area."
  - As a "reliever airport" for George Bush and Hobby Airports in Houston
    - Reduces corporate and general aviation traffic at Houston, allowing Hobby to further concentrate on commercial air travel
  - The airport plays a critical role in the region's economic development
    - Brings corporate executives to the City



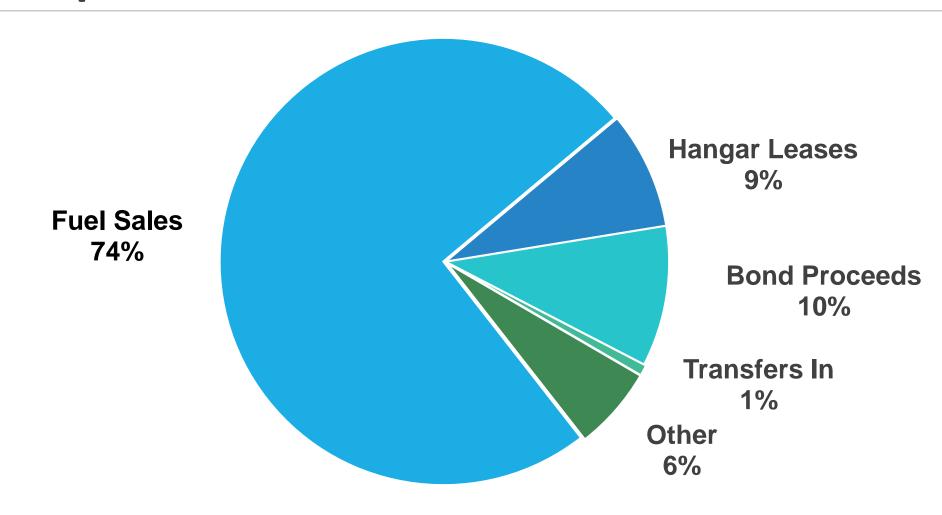
#### **Airport Fund Overview**

- The airport provides a variety of aviation related services such as:
  - Marshalling, Towing, Servicing, and Fueling Aircraft
- Airport revenues are driven by multiple revenue sources:
  - Airport operational services listed above, plus
  - Other revenues
    - Hangar leases
    - Rental car concessions
    - Misc. fees.

#### **FY19 Airport Overview**

- TxDOT reimbursement for 95 acres will not be received in FY19
  - Tying funds to completion of Taxiway Relocation, shown in FY23-24
  - Airport sees benefit to advancing Taxiway Relocation project
- Monitoring closely and engage in robust intergovernmental relations efforts
- Airport performing as well as or better than expected in operating budget
- Sufficient balances available to absorb the delay in reimbursement
- Able to make the final inter-fund loan payment as scheduled

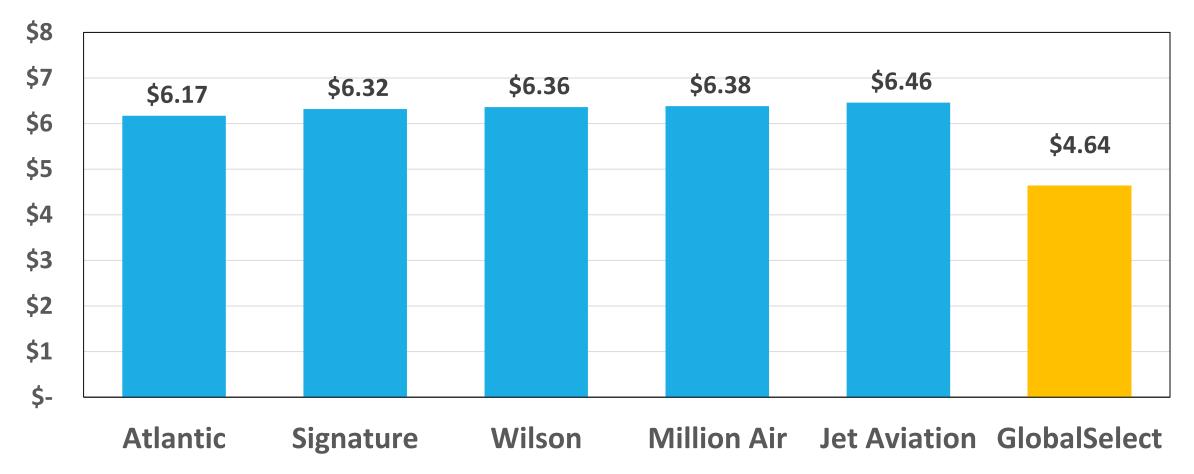
# **FY20 Airport Revenues \$17.98M**



#### **FY20 Airport Fund Revenue Assumptions**

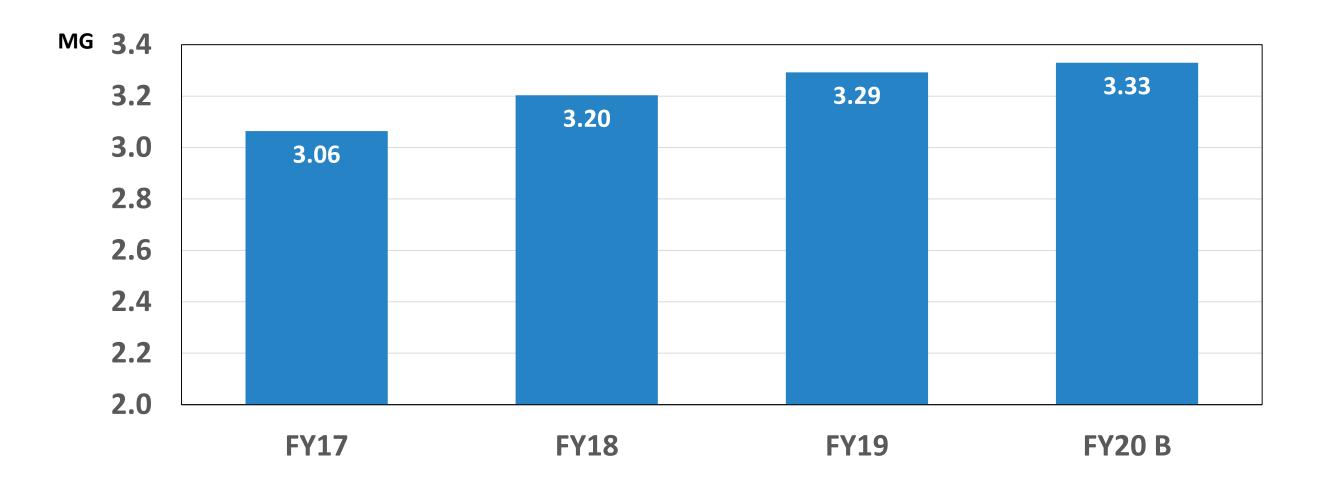
- Planned increase in fuel markup of \$0.08 per gallon in FY20
  - Comparison reveals that current pricing is in the Low-Mid Range
- Rental Cars
- Hangar and Land Lease revenues
- Misc. fees and revenues based on current trends
  - Customs Fees, Café Select
- Bond Proceeds of \$1.8M for FY20 CIP

#### Regional Fuel Prices by FBO - Retail\*

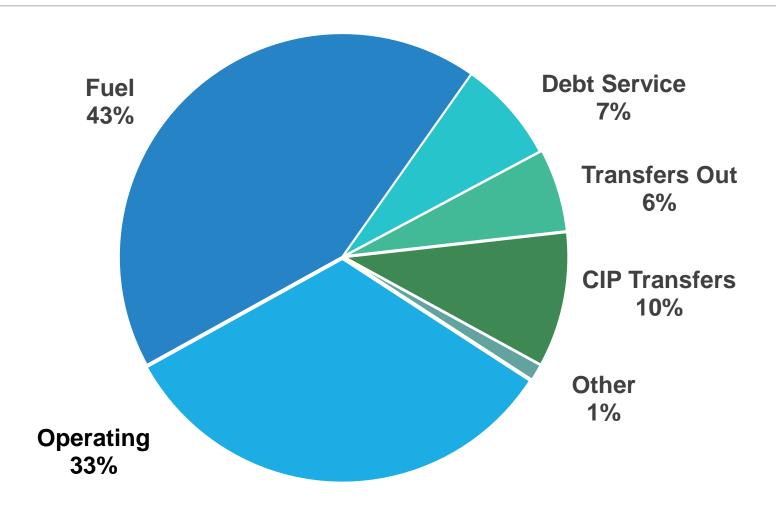


<sup>\*</sup> Posted retail prices; do not reflect discount programs that may be offered by each FBO

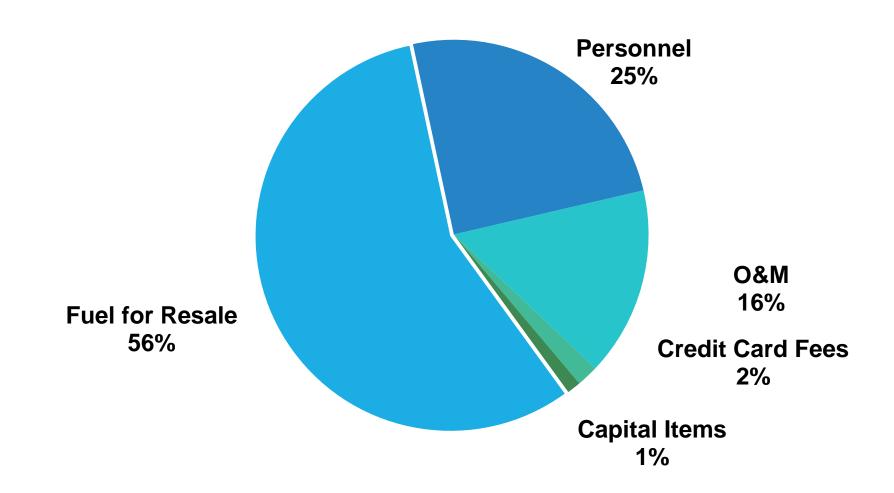
#### **Aviation Fuel Gallons Sales**



# **FY20 Airport Expenditures \$18.45M**



#### **FY20 Airport Fund Operating Expenditures**



# **FY20 Airport Fund Base Budget**

Budget in \$ Millions	Amount
Beginning Base Budget	\$ 15.69
Base Adjustments	-0.04
FY20 Base Budget	\$ 15.65
Base Budget % Increase	-0.25%

#### Rehabilitation

Description	Recurring	One-Time
Runway Condition Evaluation	\$ -	\$ 150,000
Repair & Maintenance Costs	15,000	
Crew Suite Renovations		15,000
<b>Customs Building Renovations</b>		154,195
<b>Emergency Generator Replacement</b>		37,000
Building 108 Asbestos Mitigation & Demo.		50,600
Airfield & Roadway Concrete Repair		43,700
Taxiway & Ramp Asphalt Overlay		155,000
Total Rehabilitation	\$15,000	\$ 605,495

# **Other Additions**

Description	FTE	Recurring	One-Time	
Additional Ground Power Unit		\$ -	\$ 42,000	
4x4 Utility Vehicle		-	30,000	
Enhanced FBO Services - Line Crew I	2.0	108,432	-	
Enhanced FBO Services – P/T ASRs	1.0	31,429	-	
Transfer to Increase Benefits Reserve			10,601	
Total Other Additions	3.0	\$ 139,861	\$ 82,601	

# **Airport Fund Summary**

\$ Millions	FY19 Projections*	FY20 Budget*
Beginning Balance	\$ 5.99	\$ 2.29
Revenues*	15.95	17.98
Expenses	- 18.79	- 18.45
Net Income	- 2.84	- 0.46
Debt Service Reserve	- 0.86	- 0.99
Ending Available Balance*	\$ 2.29	\$ 1.70
Cash Eq. Reserve Ratio*	45%	32%
Bond Coverage	1.99	1.91

<sup>\*</sup> Revised from filed budget book

#### **Airport Long-Range Forecast Assumptions**

#### Revenues

- 1% annual growth in fuel gallons FY20-24, no additional mark up increases
- Certificates of Obligation for CIP in FY20 & FY22
- TxDOT Reimbursement for Westside Land Acquisition delayed, shown in FY23-24
- Expenditures
  - 3% growth in personnel costs
  - 1% growth in O&M
  - Fuel based on assumed gallons above plus Credit Card Fees
- Debt Service for new CO's issued for CIP projects

#### **FY20-FY24 Aviation Fuel Sales**



# FY20-FY24 Airport CIP

\$ Millions	FY20	FY21		FY22	2	FY23		FY2	4	TOTAL
Hangar Replacement	\$ 1.80	\$	-	\$	-	\$	-	\$	-	\$ 1.80
Terminal Ramp Expansion				0.6	<b>50</b>					0.60
Taxiway Relocation Phase 3				0.9	95					0.95
Approach Lighting System								0.	11	0.11
Security Fencing								0.	30	0.30
Total Airport CIP	\$ 1.80	\$	-	\$ 1.5	55	\$	-	<b>\$ 0.</b>	41	\$ 3.76

#### Airport Fund FY20-FY24 Forecast

Millions (\$)	FY20	FY21	FY22	FY23	FY24
Total Revenues*	\$ 17.99	\$ 16.31	\$ 18.07	\$ 19.00	\$ 17.37
Total Expenses*	18.45	16.11	17.99	16.61	17.22
Net Income/Loss	-0.46	0.20	0.08	2.39	0.15
Ending Balance*	\$ 1.70	\$ 1.90	\$ 1.98	\$ 4.38	\$ 4.53
Reserve Ratio *	32%	35%	36%	79%	81%
Bond Coverage	1.91	1.80	1.80	1.80	1.96

<sup>\*</sup> Revised from filed budget document

# **Key Dates**

Date	Action
Aug 20	Public Hearing on Proposed Budget Amend FY19 Budget to Projections
Aug 22	Budget Workshop- CIP: GO Bond Election
Aug 27	Public Hearing on Proposed Tax Rate Public Hearing on PID Assessment
Sept 3	Public Hearing on Proposed Tax Rate First Reading of Fee Ordinance & PID Assessment
Sept 17	Approve FY20 Budget, Five Year CIP and Comp Plans Adopt 2019 Tax Rate Second Reading of Fee Ordinance & PID Assessment

# **Clarifying Questions for Staff**

# City Council Discussion