

# Budget Discussion #3 Capital Improvement Plan

Monday, August 28, 2023



# PEARLAND TEXAS \*ST. 189\*

#### Section I: Property Tax-Backed Issuances

- Background
- Ability to Pay
- Tax Rates
- Considerations When Reorganizing Projects
- Capital Projects Overview
- O&M Impacts of CIP
- Discussion

#### Section II: Enterprise (Water & Sewer) Revenue-Backed Issuance

- Background/Process Overview
- Capital Projects Overview
- O&M Impacts of CIP
- Discussion

### Future with Purpose



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Why (Community)	Strategic Priorities  Helps to focus the attention of Council and Staff on priorities important to cr	eating community	Community Survey Community feedback that influences planning
	Comprehensive Plan The policy document that assists in anticipating and guiding future development trends superior quality of life	and service needs to promote b	palanced growth and a
How	Sound Infrastructure	Connected Community	Strong Economy
(Strategic Planning)	Water Master Plan Keeps water coming to Pearland for years to comeWastewater Master Plan Coming out of houses and 	Master Plan hape Leverages community haple feedback to provide had direction for quality of life	Pearland Prosperity (Economic Development) Guides the community
	Capital Improvement Plan  Helps to set the infrastructure priorities over a rolling	n five-vear period	
What	Future Land Use Map  Provides a long-term view of how land is developed.		
(The Output of Planning)	Staffing and Utilization Plans		
	Police Department Plan		Fire Department Plan
	Annual Budget		

R	egional Pla

**HGAC Transportation Improvement Plan** 

Multimodal plan of transportation infrastructure and service improvements

Funding mechanism for many projects in Pearland

Brazoria County CIP
Harris County CIP
Ft. Bend County CIP

### CIP Planning & Budgeting Overview



Today's meeting is a culmination of:

- Pre-award Memos
- Project Update Memos
- Bi-Monthly Milestone Report
- Quarterly CIP Update Series

**Today** we will discuss what we are building, and what it takes to fund, operate and maintain these projects.

# 2024 CIP Planning & Budgeting



#### **Past CIP Update Series**

Overview

- Monday, July 25, 2022, 6:30 pm CIP Adoption by Resolution
- Monday, October 17, 2022, 4:00 pm Parks & Facilities CIP Update Series
- Monday, December 12, 2022, 4:00 pm Water & Wastewater CIP Update Series
- Monday, March 20, 2023, 4:00 pm CIP Workshop
- Monday, June 19, 2023, 6:30 pm Planning and Zoning CIP Recommendation
- Monday, June 26, 2023, 4:00 pm Drainage & Transportation CIP Update Series

#### **Upcoming CIP Items**

- Monday, September 11, 2023, 6:30 pm CIP Adoption by Resolution
- Monday, October 16, 2023, 4:00 pm Parks & Facilities CIP Update Series
- Monday, December 11, 2023, 4:00 pm Water & Wastewater CIP Update Series

### Capital Project Financing Overview



Policy & Planning

March 2023: CIP Workshop

September 2023: CIP Adoption



Council decisions here will affect *FY25* DS Tax Rate and Utility Rate

Execution

August 2023: FY24 Budget Presented

September 2023: FY24 Budget Adopted

October 2023: Intent to Reimburse Approved

Commits funding to allow work to begin on FY24 projects

**Operational** 

- May 2024: Annual Debt Issuance Approved
- June 2024: Notices Posted, Rating/Due Diligence Calls
- Q3 2024: Sale of Debt
- Fiscal Year 2024: Payments for FY23 Debt Issuance Begin



#### Section 1

Property Tax Backed Issuances

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### Background

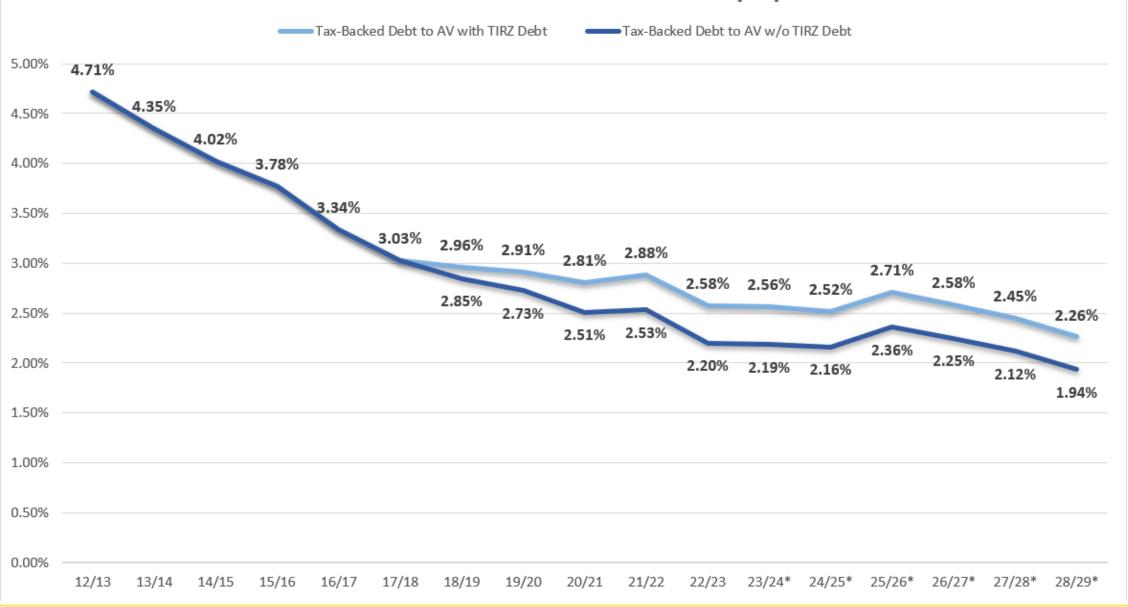


- The City is legally required to levy a debt service tax rate to generate enough revenue to pay debt service obligations
- Debt Service is separate and distinct from Operations & Maintenance portion of the rate.
- The debt service amount for upcoming FY 24 is already fixed (\$47,249,580)\*
  - Projects in the execution and operational phases
- The proposed debt service rate for FY24 is .3329 per \$100 in assessed valuation. This
  proposed property tax rate will bring in a total of \$41,089,476 in property taxes. Additional
  expenditures will be offset by a TIRZ reimbursement in order to pay the full debt service
  amount.
- Discussions hinge today for policy and planning phases, FY 25 and beyond

### Debt to AV Rate Over Time







\*Estimated

### Forecasted Debt Service Tax Rate

	Tax Ra	te Impact Analys	is
Fiscal		Assessed	
Year	Tax	Valuation	2024-2028
End	Year	Growth	CIP
2023	2022	13.90%	\$0.3388
2024	2023	14.08%	\$0.3329
2025	2024	5.00%	0.3475
2026	2025	4.00%	0.3500
2027	2026	3.00%	0.3625
2028	2027	2.00%	0.3625
2029	2028	1.00%	0.3625
2030	2029		0.3325
2031	2030		0.2875
Max Rate:			\$0.3625
Projected Ta	ax Rate Increas	e (Total):	\$0.0296

- FY24 Tax Rate lower than February forecast of .3425 with bond election.
- Maximum forecasted debt service rate lower than February forecast of .3650
- Projected total increase from FY23 debt service rate is .0237
- Debt Service increased from \$283,248,121 to \$302,927,506 primarily due to addition of FY28 projects and inflationary increases.

#### **Bond Sale Proceeds**



#### **Summary of Bond Sale Proceeds**

Capital Improvement Program (2024-2028 CIP)

Fiscal Year	Issue	Proceeds*	Assumed AV Growth Rate
2021	CO & GO (City)	\$26,566,250	7.0%
-	CO (TIRZ)	\$18,472,464	7.0%
2022	CO & GO (City)	\$36,276,418	2.00/
	CO (TIRZ)	\$8,380,000	2.9%
2023	CO & GO (City)	\$18,392,720	42.00/
	CO (TIRZ)	\$9,394,000	13.9%
2024	CO & GO (City)	\$89,923,824	14.08%
	CO (TIRZ)	\$8,525,000	14.00%
2025	CO & GO (City)	\$55,723,382	5.0%
2026	CO & GO (City)	\$124,575,580	4.0%
2027	CO & GO (City)	\$48,951,000	2.0%
2028	CO & GO (City)	\$30,712,000	1.0%

<sup>\*</sup>Proceeds reflect the amount of revenue from bond sales inclusive of bond premiums, not the total amount being borrowed.

Priority 1: These projects are generally tied to outside funding obligations



Project	Total Project Budget	Debt Thru FY23	Proposed FY24 Debt Issuance - Impacts FY25 DS Rate (0.XXXX)	Future Debt (FY25+)	Project in Progress	Tied to Another Project	Voter Approved (GO)	AFA/TIP Commitment	TIRZ	GLO Grant (100% Grant Funds)	Interlocal	Certificates of Obligation	Cash/Other Funding	Critical Ranking
Master Drainage Plan Update	1,200,000												✓	1
Hickory Creek Subdivision Drainage Improvement	5,441,000									✓			✓	1
Garden Acres Subdivision Drainage Improvements	4,091,000									✓			✓	1
Herridge Miller/Brookland Acre Subdivision Drainage Improvement	1,499,000									✓			✓	1
Hickory Slough Embankment Slope Replacement	689,263									✓			✓	1
Knapp Activity Center Outdoor Expansion	681,000		\$ 259,783		✓					✓		✓	✓	1
Emergency Distribution Warehouse	1,503,757	\$ 201,782			✓							<b>✓</b>		1
Clear Creek Trail (Barry Rose WRF to UHCL)	10,715,000	\$ 750,000		\$ 2,880,872	✓		>				✓			1
Shadow Creek Trail Phase II - Along Clear Creek Relief Ditch & Library Trail	1,850,000	\$ 15,750,000	\$ 275,000		✓				✓					1
Mykawa Road Widening - BW8 to FM 518	21,404,303	\$ 8,163,682		\$ 10,995,580	✓		>	✓					✓	1
Smith Ranch Road Extension (CR 94) - Hughes Ranch Road to Broadway	13,696,000	\$ 2,214,728	\$ 4,770,385		✓		>	✓				<b>✓</b>		1
Shadow Creek Parkway Landscaping, Street Lighting & Sidewalks	8,520,000	\$ 7,970,000	\$ 550,000		✓		>		✓			✓		1
Broadway Expansion Phase 1 - SH 288 to Old Chocolate Bayou	1,000,000		\$ 592,500											1
Intersection Improvements in Shadow Creek Ranch	9,045,000	\$ 1,345,000	\$ 7,700,000		✓				✓			✓		1
Mobility & Thoroughfare Plan Update	450,000												✓	1
Median Landscaping on Kingsley & Kirby	500,000												✓	1
FM 518 Corridor Study	600,000												✓	1
FM 521 Signal Upgrade at Broadway	60,000												✓	1

Priority 2: These projects are new/repair/replacement of critical infrastructure



Project	Total Project Budget	ebt Thru FY23	F` Is	Proposed Y24 Debt ssuance - Impacts FY25 DS Rate (0.XXXX)	ı	uture Debt Y25+)	Project in Progress	Tied to Another Project	Voter Approved	AFA/TIP	Commitment	TIRZ	GLO Grant (100% Grant Funds)	Interlocal	Certificates of Obligation	Cash/Other Funding	Critical Ranking
West Lea Subdivision Drainage Improvements	10,259,112	\$ 6,542,000	\$	931,406			✓		✓						✓		2
Hickory Slough Sportsplex Detention Pond Ph 2	4,260,000	\$ 499,000	\$	3,761,000			✓		✓								2
Fiber Backbone (Cullen Parkway from Magnolia to Hughes Ranch Rd)	393,000	\$ 91,000					✓									✓	2
Hickory Slough Detention Storm Water Pump Station Generator	940,000	\$ 110,000	\$	830,000			✓								✓		2
Veterans Drainage Improvements	11,330,000	\$ 1,350,000	\$	9,980,000			✓		✓						✓		2
Longwood Park (Roadside Ditch and Culvert)	4,838,000		\$	660,000	\$	4,178,000			✓								2
Southwest Quadrant of Old Town (McLean to SH35 South of Broadway)	10,179,000	\$ 1,439,000	\$	8,740,000			✓		✓								2
Shady Crest and Creek View Subdivision Drainage Improvement	14,378,000		\$	1,828,000	\$ 1	2,550,000			✓								2
Shadow Creek Ranch – Ocean Point Ct 100 Year Overflow at Cul-De-Sac	100,000		\$	100,000					✓								2
Orange Street Service Center Phase 2	29,503,800	\$ 1,128,250	\$	7,350,000	\$	1,704,260	✓								✓	✓	2
Law Enforcement Training Center	6,067,000	\$ 5,967,000					✓								✓	✓	2
Public Safety Building Renovations	1,646,000	\$ 1,646,000					✓								✓		2
Hillhouse Road Annex Phase II	28,475,000	\$ 1,738,500	\$	20,046,750			✓								✓		2
Natatorium Air Handling Replacement	5,399,000	\$ 5,399,000					✓								<b>✓</b>	<b>\</b>	2
Fiber Backbone (Magnolia from Cullen to Business Center)	705,000		\$	352,500											<b>✓</b>	<b>&gt;</b>	2
Recreation Center Boiler Replacement	608,000	\$ 608,000					✓								✓		2
PSB Detention Area Plumbing Replacement	648,000	\$ 648,000					✓								✓		2
Natatorium Recapitalization	2,070,000	\$ 2,070,000					✓								✓		2
West Pearland Community Center HVAC Replacement	240,000		\$	240,000											✓		2
Fire Administration HVAC Replacement	348,000	\$ 348,000					✓								✓		2
Park Equipment Recapitalization Program	300,000	\$ 300,000					✓		✓								2
Bailey Road Expansion - Veterans Dr to Main	18,458,000	\$ 6,685,000	\$	11,773,000			✓		✓								2
Pearland Parkway at Broadway Intersection Improvements	1,734,000		\$	984,000											✓	✓	2
Traffic Signal Upgrades	2,145,000															✓	2
Street Reconstruction - Sherwood	5,380,000	\$ 930,000	\$	4,450,000			✓		✓								2
Hughes Road - Pearland Parkway to City of Pearland City Limit	12,246,000	\$ 2,786,000	\$	9,460,000			✓		✓						✓		2

### Capital Improvement Program (FY23-FY24) Priority 3: These projects *could* be postponed with moderate impact



Project	Total Project Budget	Debt Thru FY23	Proposed FY24 Debt Issuance - Impacts FY25 DS Rate (0.XXXX)	Future Debt (FY25+)	Project in Progress	Tied to Another Project	Voter Approved (GO)	AFA/TIP Commitment	TIRZ	GLO Grant (100% Grant Funds)	Interlocal	Certificates of Obligation	Cash/Other Funding	Critical Ranking
Fire Station #7 - Bailey Road	17,444,000	\$ 30,750		\$ 17,413,250			✓						✓	3
Fire Station #6 (Formerly Fire Station #11) - County Road 100	16,225,000	\$ 575,000		\$ 15,650,000								✓		3
Reflection Bay WRF Fuel Island	1,077,000		\$ 1,077,000									✓		3
Centennial Park Restrooms (Fields 5 & 6)	586,544												✓	3
Hickory Slough Sportsplex Phase II	17,370,000	\$ 220,000					✓							3
Road Network Condition Assessment	365,000				✓								✓	3
Dixie Farm Road Transition near Mary's Creek and Cowart's Creek Bridge	616,000	\$ 540,000	\$ 76,000		✓							✓		3
Concrete Sidewalk Gaps and Replacement	15,400,000		\$ 2,200,000	\$ 13,200,000			✓							3
PER for Future Fire Admin Complex	75,000												✓	4



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Project	Total Project Budget	Debt Thru FY23	Proposed FY24 Debt Issuance - Impacts FY25 DS Rate (0.XXXX)	Future Debt (FY25+)	Project in Progress	Tied to Another Project	Voter Approved (GO)	AFA/TIP Commitment	TIRZ	GLO Grant (100% Grant Funds)	Interlocal	Certificates of Obligation	Cash/Other Funding	Critical Ranking
PER for Future Fire Admin Complex	75,000												✓	4

# Totals by Criticality Ranking



```
Priority 1 = $14,147,668 in FY24 Debt Issuances
Priority 2 = $81,486,656 in FY24 Debt Issuances
Priority 3 = $3,353,000 in FY24 Debt Issuances
Priority 4 = $0 in FY24 Debt Issuances
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Total = \$98,987,324

Priority 1: These projects are tied to outside funding obligations

Priority 2: These projects are new/repair/replacement of critical infrastructure

Priority 3: These projects could be postponed with moderate inconvenience

Priority 4: These projects could be postponed with no major repercussions

#### General Fund Operation & Maintenance Impacts



- Each project has an Operations and/or Maintenance component associated with the project
- For General Fund projects completed in FY23, the additional O&M budget requirement in FY24 is \$280,612.
- For General Fund projects completed in FY24, the additional O&M budget requirement in FY25 is \$2,086,504.





- HB3699-Relating to municipal regulation of subdivision and approval of subdivision plans or plats
  - May require revisions to UDC
  - May not require dedication of land for a future street that is not included, funded and approved in a CIP.





Questions?



#### Section 2

### Water & Sewer Revenue Supported Issuances

### Background



- The City is legally required to generate enough Water & Sewer (W&S) revenue to pay debt service obligations
- In FY22, the City created a W&S Debt Service Fund separate from W&S Operations
- In FY24, Water and Sewer rates are proposed to increase by 14%
- The FY25, Water and Sewer rates are projected to increase by 17% which is a decrease from the FY23 projection of 19%
- The debt service payment *amount* (\$34M) for upcoming FY24 is already fixed

# Water & Sewer CIP Background

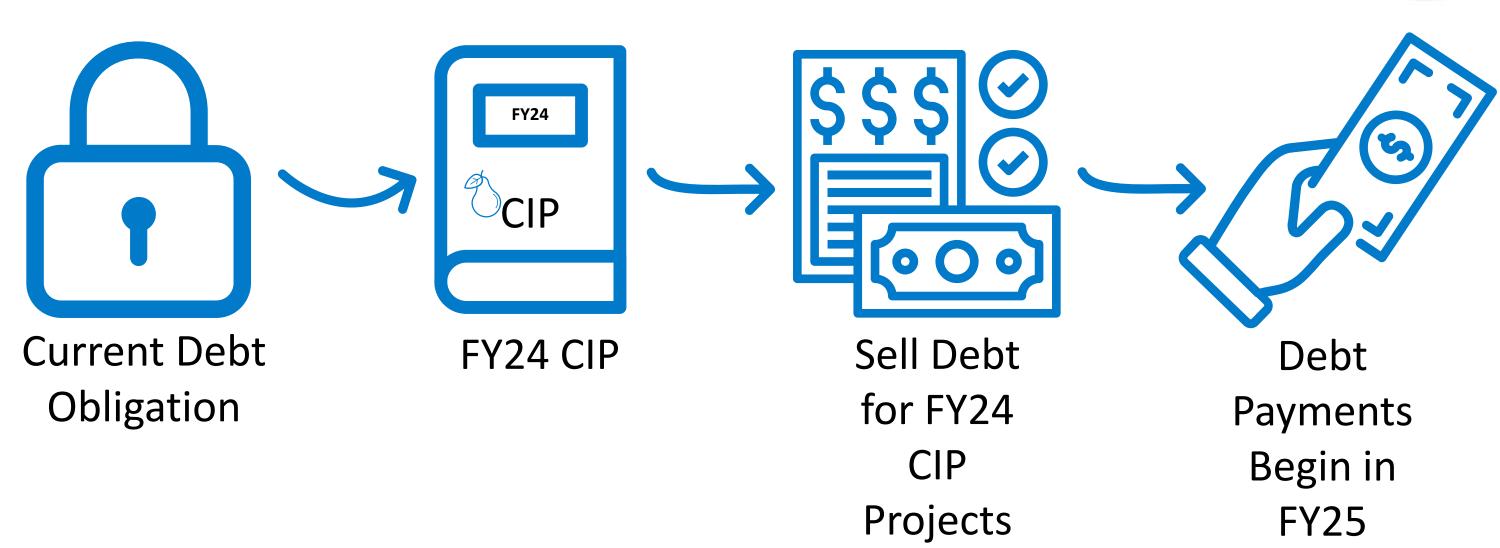
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  FST. 189
- Projects in this CIP funded by W&S revenue are needed to ensure a safe and reliable system with adequate capacity to serve customers.
- This CIP contains \$117 million in ongoing projects and planned debt to be sold in FY24. Among this, \$18.1 million will be paid back using impact fees

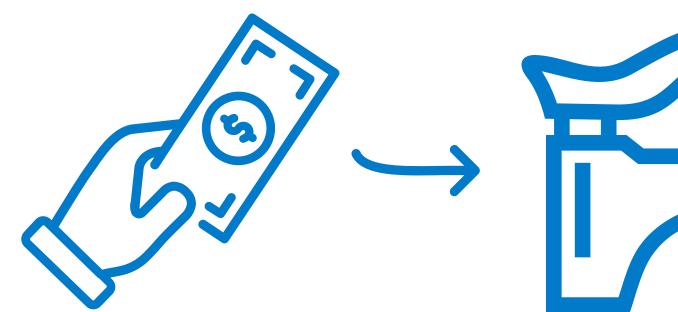
#### **CIP Funding**





### **CIP Funding**





Debt Payments



Paid for by User Fees & Impact Fees

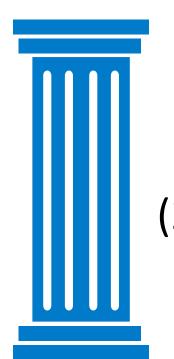


Major Driver of Water & Sewer Rates

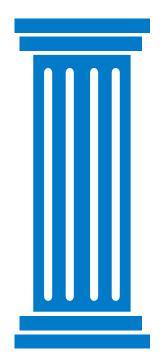
#### Three Key Metrics that Determine The Minimum Utility Rate Increase







Aggregated
Enterprise Fund
Reserve
(25% of Operating
Expense)
City Policy



Bond Coverage Ratio (1.15X)
Bond Covenant

Requirement

Restricted For Debt Service (20% of Average Debt Service) Bond Covenant Requirement Enterprise Fund
Operating Reserve
(15% of Operating
Expense)
City Policy





- Enterprise Fund Revenue must be able to satisfy the following condition remain in compliance with W/S
  Revenue Bond Ordinances (Ord. 1600) and the adopted Financial Policy
- If the City wants to issues Enterprise COs:
  - The City must meet a 1.15X Bond Coverage Ratio
  - Issuance of CO's does not require a debt reserve outside of normal operating reserve (much smaller)

$$FY24\ Bond\ Coverage = \frac{FY24\ Revenue\ - FY24\ Operating\ Expenses}{FY24\ Debt\ Services}$$



# Enterprise Projects

Priority 1: Projects in process and/or are tied to funding obligations with TWDB, TxDOT, or Developers



Project	Total Project Budget	Debt Thru FY23	Proposed FY24 Debt Issuance - Impacts Water/Sewer FY25	Future Debt (FY25+)	Project in Progress	Tied to Another Project	TWDB	Revenue Bonds	W/S Certificates of Obligation	Impact Fees Debt/Cash	Cash/Other Funding	Critical Ranking
FM 518 Utility Relocations - SH288 to Old Chocolate Bayou	\$6,800,000	\$ 250,000		\$ 6,550,000	✓				✓	.		1

Priority 2: Projects are new/repair/replacement of critical infrastructure; many are tied to another project



Project	Total Project Budget	Debt Thru FY23	Proposed FY24 Debt Issuance - Impacts Water/Sewer FY25	Future Debt (FY25+)	✓ Project in Progress	Tied to Another Project	TWDB	✓ Revenue Bonds	W/S Certificates of Obligation	Impact Fees Debt/Cash	Cash/Other Funding	Critical Ranking
Barry Rose WRF Replacement and Expansion	\$229,380,000				·/			<b>∨</b>	<b>∨</b>	· ·		2
Longwood Water Reclamation Facility Decommissioning  Mykawa Road Sewer Relocation - Jasmine to S Orange Circle	\$38,073,000 \$378,000		\$ 18,865,000	\$ 14,500,000	·/			· ·	<b>∨</b>			2
Sanitary Sewer Rehabilitation - Old Town District & Barry Rose Service Area	\$4,165,000		\$ 750,000		· /				· ·			2
SCADA - Waste Water	\$5,350,000		3 730,000		· /			· ·	·		<b>√</b>	2
Bella Vita Regional Lift Station Rehabilitation	\$1,829,970				✓				✓		-	2
Sanitary Sewer Rehabilitation - Barry Rose Service Area (BR-03)	\$4,150,000		\$ 3,750,000		<b>√</b>				<b>√</b>			2
Autumn Lakes Lift Station Rehabilitation	\$1,515,000	· · · · · · · · · · · · · · · · · · ·	<i>+</i>		✓				<b>√</b>			2
Sunrise Lakes Lift Station Rehabilitation	\$950,000		\$ 176,000		✓				✓			2
Veterans 2 Regional Lift Station Rehabilitation	\$4,424,000	\$ 548,000	\$ 3,876,000		✓				✓			2
Dixie Farm North Regional Lift Station Rehabilitation	\$1,994,000	\$ 274,000	\$ 1,720,000		✓				✓			2
Barry Rose Gravity Sewer - Plum from Galveston to Barry Rose WRF	\$11,003,000		\$ 1,223,000	\$ 9,780,000					✓			2
Water Operations Building (Alice St.)	5,069,000	\$ 1,849,000	\$ 3,220,000		✓						✓	2
Riverstone Ranch Regional Lift Station Capacity Expansion	\$3,420,000		\$ 300,000	\$ 3,120,000					✓			2
Lakes of Country Place Lift Station Rehabilitation	\$832,000		\$ 832,000						✓			2
Southdown Lift Station Rehabilitation	\$1,200,000		\$ 1,200,000						✓			2
Shady Crest and Creek View Subdivision Sanitary Sewer Rehabilitation	\$2,804,000		\$ 334,000	\$ 2,470,000					✓			2
Whispering Winds Lift Station Relocation	\$1,431,000		\$ 159,000	\$ 1,272,000					✓			2
Orange Street Service Center Phase 2	29,503,800		. , ,	\$ 3,237,000	✓			✓	✓			2
Hillhouse Road Annex Phase II	28,475,000	\$ 486,750			✓			✓	✓			2
Reflection Bay WRF Fuel Island	1,077,000		\$ 538,500						✓			2
Wooten Road Lift Station Decommissioning	\$294,000		\$ 294,000						✓			2

Priority 2: Projects are new/repair/replacement of critical infrastructure; many are tied to another project



Project	Total Project Budget	Debt Thru FY23	Proposed FY24 Debt Issuance - Impacts Water/Sewer FY25	Future Debt (FY25+)	Project in Progress	Tied to Another Project	TWDB	Revenue Bonds	W/S Certificates of Obligation	Impact Fees Debt/Cash	Cash/Other Funding	Critical Ranking
Sanitary Sewer Rehabilitation - Longwood Service Area (LW-03)	\$9,012,000		\$ 9,012,000						✓			2
FM 518 Utility Relocations - SH288 to Old Chocolate Bayou	\$7,469,000	\$ 549,000		\$ 6,745,000	✓			✓	✓		✓	2
South Corrigan Subdivision Transite Pipe Water Line Replacement	\$3,175,000	\$ 3,175,000			✓				✓			2
Westminister Subdivision Water Line Replacement	\$1,430,000	\$ 150,000	\$ 1,280,000		✓				✓			2
McLean Water Production Facility Rehabilitation	\$1,885,000	\$ 1,715,000			✓				✓		✓	2
Green Tee Transite Pipe Water Line Replacement	\$6,635,000	\$ 450,000	\$ 6,185,000		✓				✓			2
Somersetshire Estates Subdivision Waterline Replacement	\$1,532,000	\$ 1,171,000	\$ 361,000		✓				✓			2
Cullen Elevated Storage Tank Rehabilitation	\$843,775				✓	>					✓	2
Liberty Water Production Facility Rehabilitation	\$2,784,000		\$ 2,784,000		✓				✓			2
Southeast (Bailey) Elevated and Magnolia Ground Storage Tank	\$2,060,000	\$ 2,060,000			✓				<b>✓</b>			2
Sherwood Waterline Replacement	\$1,750,000	\$ 250,000	\$ 1,500,000		✓				<b>✓</b>			2
Country Place Water Well Generator Replacement	\$842,000	\$ 62,000	\$ 208,500		✓				<b>✓</b>		✓	2
Garden Water Well Generator	\$657,000	\$ 72,000	\$ 273,000		✓				✓		✓	2
Water Plant Chemical Containment Structures	\$1,396,000		\$ 94,000	\$ 1,302,000					✓			2
Wood Creek Transite Pipe Water Line Replacement	\$5,600,000		\$ 500,000	\$ 5,100,000					✓			2
Cullen Ground Storage Tank Replacement	\$3,130,000		\$ 390,000	\$ 2,740,000					✓			2
CR 100 Water Line - Harkey to Pearland Sites	\$375,000		\$ 375,000						✓			2
Creek View and Shady Crest Transite Pipe Water Line Replacement	\$5,350,000		\$ 550,000	\$ 4,800,000					✓			2

# Totals by Criticality Ranking



- Priority 1 = \$0 in FY24 Debt Issuances
- Priority 2 = \$117,379,750 in FY24 Debt Issuances

Priority 1: These projects are tied to outside funding obligations

Priority 2: These projects are new/repair/replacement of critical infrastructure

Priority 3: These projects could be postponed with moderate inconvenience

Priority 4: These projects could be postponed with no major repercussions

### Operation & Maintenance Impacts



- Each project has an Operations and/or Maintenance component associated with the project.
- For Enterprise projects completed in FY24, the additional O&M budget requirement in FY25 is \$82,692



### Questions