

FY21

Water and Wastewater Budget Presentation

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City of Bryan
Public Works Director



Outline

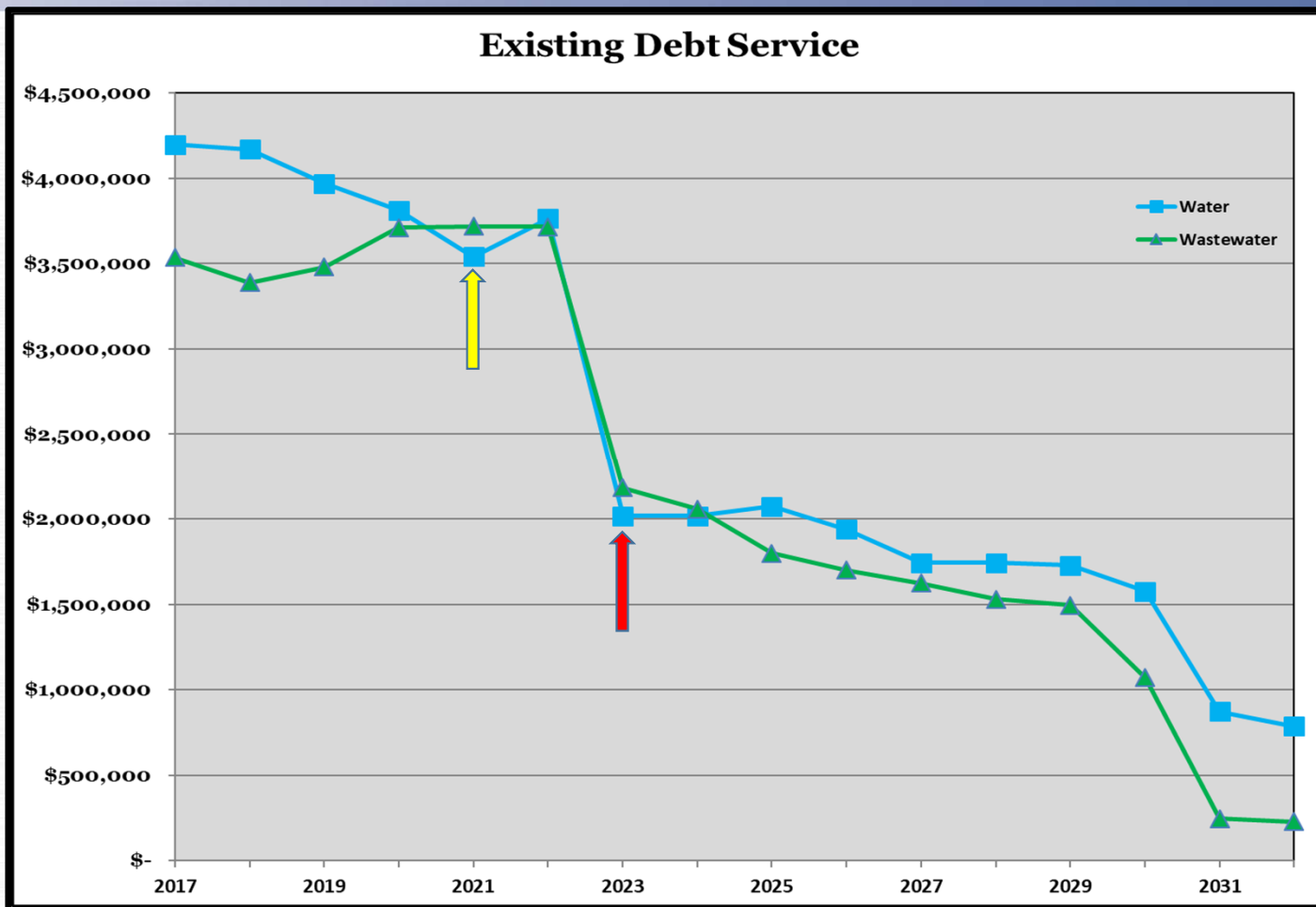
- Budget Assumptions
- Departmental Information
- Water Budget
- Wastewater Budget
- Future Items/Recommendations
- Questions



Assumptions/Unknowns

- No immediate cost increase in electric services
- Right-of-way fees - 5% (7% charter max - ~ \$265k increase both funds)
- Additional \$246,089 transferred to GF in FY21 from Water for Bond Refunding savings
- No appreciable increase in Admin Fees
- Estimated increases in revenue and expenses due to growth and inflation
- Revenue from Bed and Banks not included (~\$600k/year)
- Future vehicle replacements included
- Future capital expenditures for billing and BTU customer service included

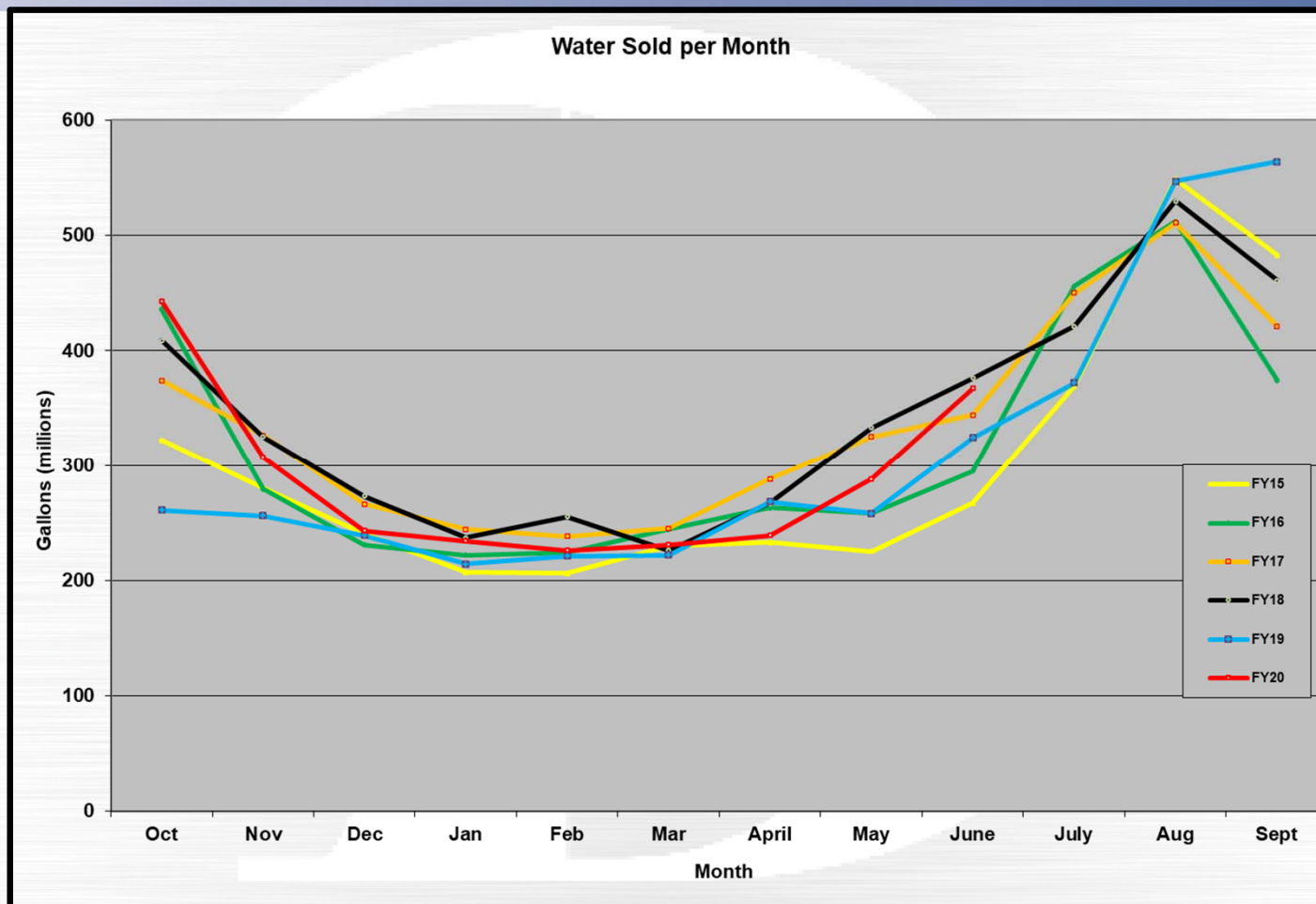
Existing Debt Service



Work Order History

Fiscal Year	Meters	Water	Sewer	Locates	Samples	Totals
2012	16,492	2,157	4,224	876	1,029	24,778
2013	17,219	3,870	4,594	1,026	1,010	27,719
2014	16,116	4,632	4,786	1,261	1,077	27,872
2015	15,263	3,742	4,583	1,889	1,030	26,507
2016	16,422	3,867	4,969	1,718	1,023	27,999
2017	9,021	3,904	5,425	2,792	1,124	22,266
2018	8,381	4,949	5,604	2,624	1,118	22,676
2019	8,537	4,565	6,065	2,303	1,196	22,666
Totals	107,451	31,686	40,250	14,489	8,607	202,483

Water Sold



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Water

FY21 – Water Revenues

	FY 2019 Actual	FY 2020 Adopted	FY 2020 Projected	FY 2021 Proposed	\$Chng/FY 20 Adopted	%Chng /FY 20
<u>Revenues</u>						
Operating Revenues:						
Water Sales	\$ 12,523,925	\$ 12,600,000	\$ 12,400,000	\$ 12,400,000	\$ (200,000)	-1.6%
Water Penalties	122,698	134,000	123,000	130,000	(4,000)	-3.0%
Miscellaneous	454,489	562,500	531,500	539,000	(23,500)	-4.2%
<i>Total Operating Revenues</i>	13,101,113	13,296,500	13,054,500	13,069,000	(227,500)	-1.7%
Non-Operating Revenues:						
Interest Income	257,745	210,020	162,000	160,000	(50,020)	-23.8%
Water Tap Fees	179,086	165,000	183,000	185,000	20,000	12.1%
Oil & Gas Royalty	29	100	3,300	100	-	0.0%
Inventory markup	21,772	21,000	22,000	21,000	-	0.0%
Miscellaneous non-operating income	72,497	53,000	166,057	53,000	-	0.0%
Transfers In	35,308	24,480	24,480	25,336	856	3.5%
<i>Total Non-Operating Revenues</i>	566,437	473,600	560,837	444,436	(29,164)	-6.2%
Total Revenues	13,667,550	13,770,100	13,615,337	13,513,436	(256,664)	-1.9%

FY21 – Water Expenses

	FY 2019 Actual	FY 2020 Adopted	FY 2020 Projected	FY 2021 Proposed	\$Chng/FY 20 Adopted	%Chng /FY 20
<u>Expenditures</u>						
Operating Expenses:						
Water Administration	1,243,013	661,587	720,985	681,522	19,935	3.0%
Water Production	2,314,645	2,987,750	2,808,970	3,044,850	57,100	1.9%
Water Distribution	2,400,710	2,655,800	2,612,582	2,753,300	97,500	3.7%
General & Admin. Reimbursement	524,125	507,805	507,805	528,707	20,902	4.1%
Transfer to Other Funds	70,768	72,945	72,945	315,247	242,302	332.2%
Transfer to BTU	487,354	577,752	577,752	553,848	(23,904)	-4.1%
<i>Total Operating Expenses</i>	7,040,615	7,463,639	7,301,039	7,877,474	413,835	5.5%
Non-Operating Expenses:						
Annual Capital	3,093,259	2,740,000	1,764,000	3,650,000	910,000	33.2%
Right of Way Payments	657,130	665,000	665,000	653,450	(11,550)	-1.7%
Paying Agent Fee	1,205	15,000	15,000	15,000	-	0.0%
Miscellaneous Debt Expense	37,091	20,000	20,000	20,000	-	0.0%
Debt Service	3,969,703	3,924,261	3,924,261	3,539,560	(384,701)	-9.8%
<i>Total Non-Operating Expenses</i>	7,758,388	7,364,261	6,388,261	7,878,010	513,749	7.0%
Total Expenditures	14,799,003	14,827,900	13,689,300	15,755,484	927,584	6.3%

FY21 – Water Summary

	FY 2019 Actual	FY 2020 Adopted	FY 2020 Projected	FY 2021 Proposed
Net Increase/(Decrease)	(1,131,453)	(1,057,800)	(73,963)	(2,242,048)
Beginning Operating Funds	8,044,770	6,076,070	6,544,203	6,470,240
Timing of Cash Flows	(369,114)	-	-	-
Ending Operating Funds	\$ 6,544,203	\$ 5,018,270	\$ 6,470,240	\$ 4,228,192
Reserve Requirement :				
(60 days operating expenses)	\$ 1,157,361	\$ 1,226,900	\$ 1,200,171	\$ 1,294,927

Water Decision Packages

1. Replacement for Unit 23-53

\$50,000

Total

\$50,000

Future Projects

FY20: Cash \$1.75 MM

- South Coulter Reconstruct: \$0.70 MM (in construction)
- Woodville Rd: \$0.425 MM (in construction)
- Palasota: \$0.35 MM (in design)
- Distribution Lines: \$0.150 MM
- Mumford Rd Design: \$0.125 MM

FY21: Cash \$3.60 MM

- HSPS Emergency Generator: \$1.30 MM (in design)
- Distribution Lines: \$0.75 MM
- Old Hearne Rd Ph 1: \$0.65 MM (in design)
- Sulphur Springs: \$0.60 MM (design complete)
- Paint Inside Luza Tower: \$0.30 MM (contract awarded)

Future Projects

FY22: Debt \$20.00 MM Cash \$1.25 MM

- ASR Wells: \$15.00 MM
- SH47/SH21 18-inch WL: \$5.00 MM (in design)
- Distribution Lines: \$0.75 MM
- Texas Avenue: \$0.50 MM

FY23: Debt \$4.00 MM Cash \$1.25 MM

- West Side Elevated Tower: \$4.00 MM
- Distribution Lines: \$1.25 MM

FY24: Cash \$2.30 MM

- Distribution Lines: \$1.00 MM
- South College Ph 1: \$0.70 MM
- Old Hearne Ph 3&5: \$0.60 MM

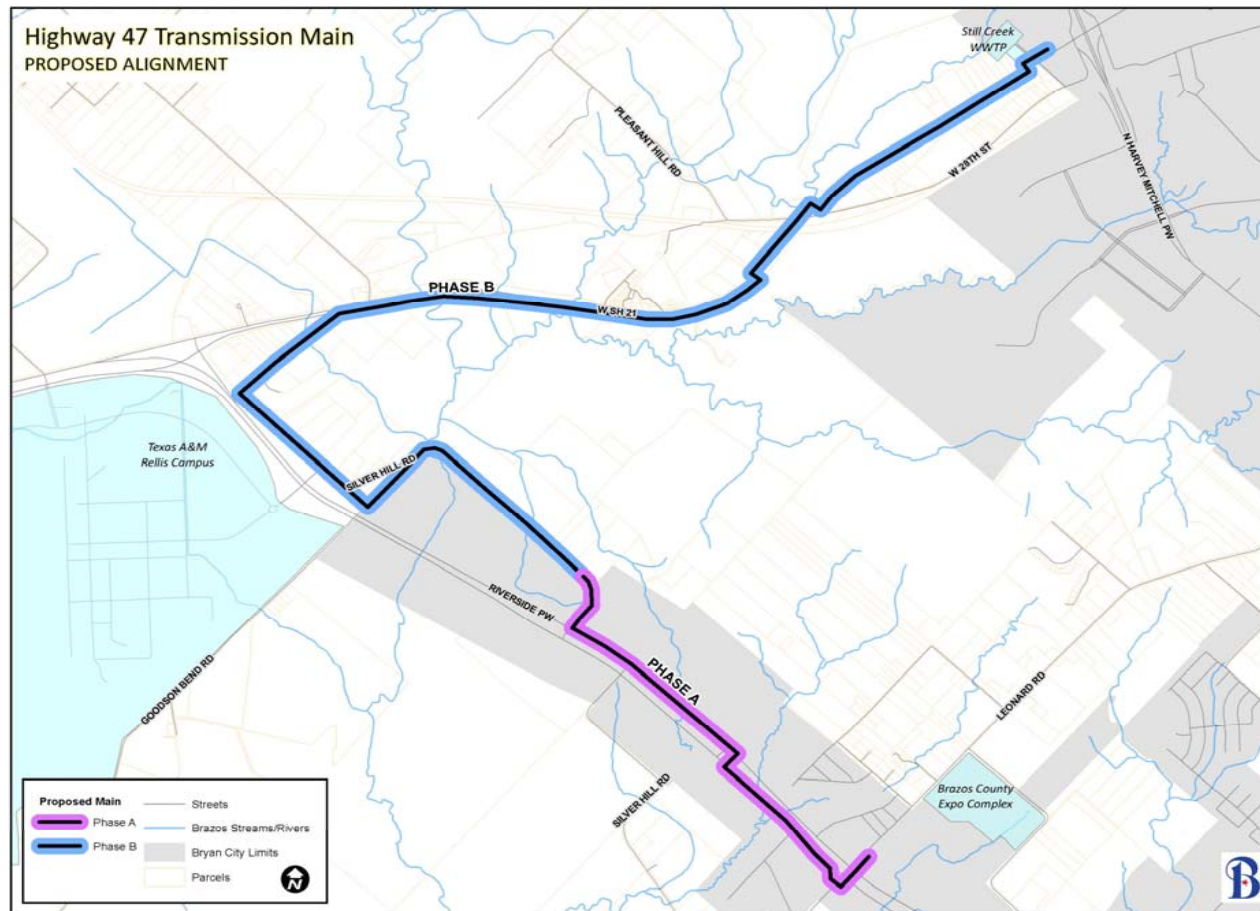
Future Projects

FY25: Cash \$1.25 MM

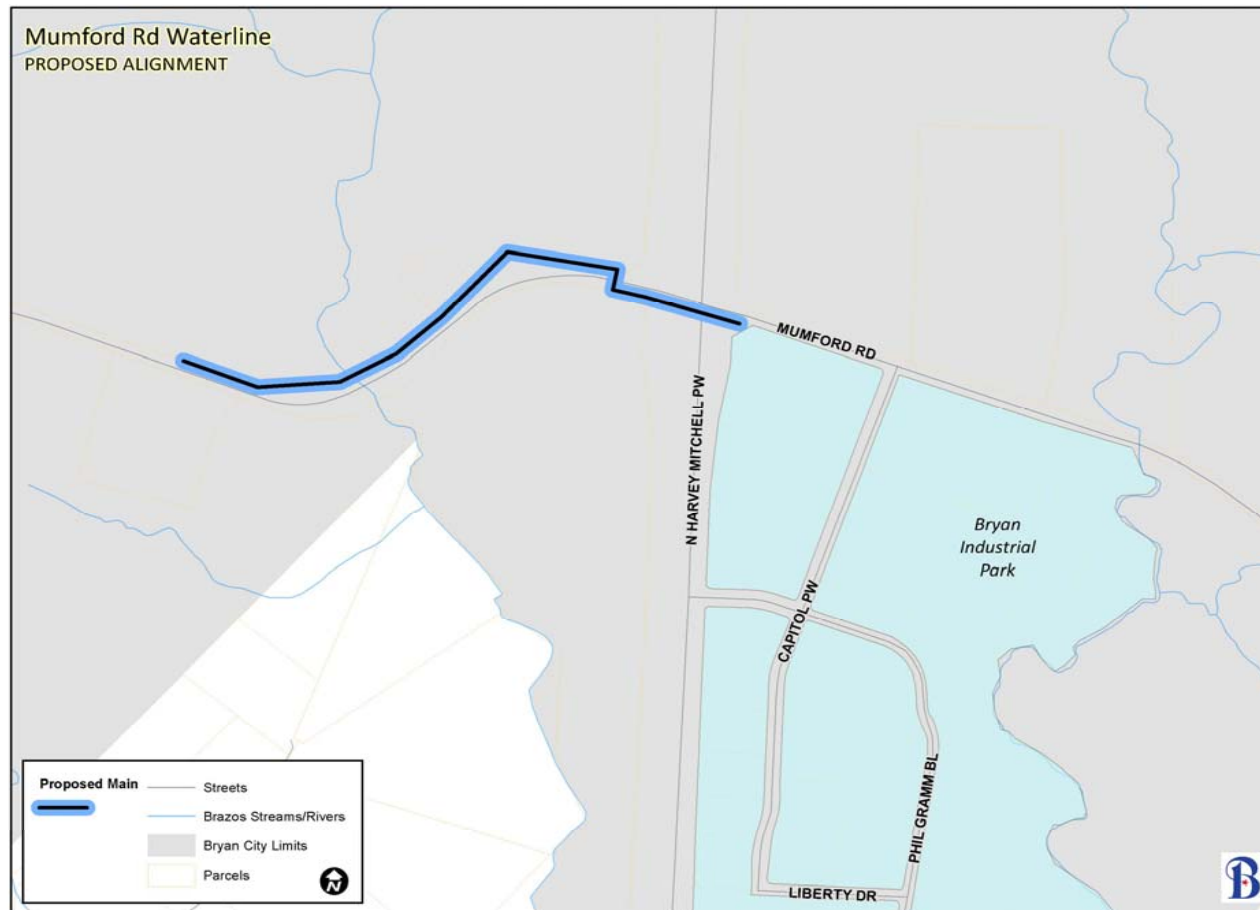
- Distribution Lines: \$1.25 MM



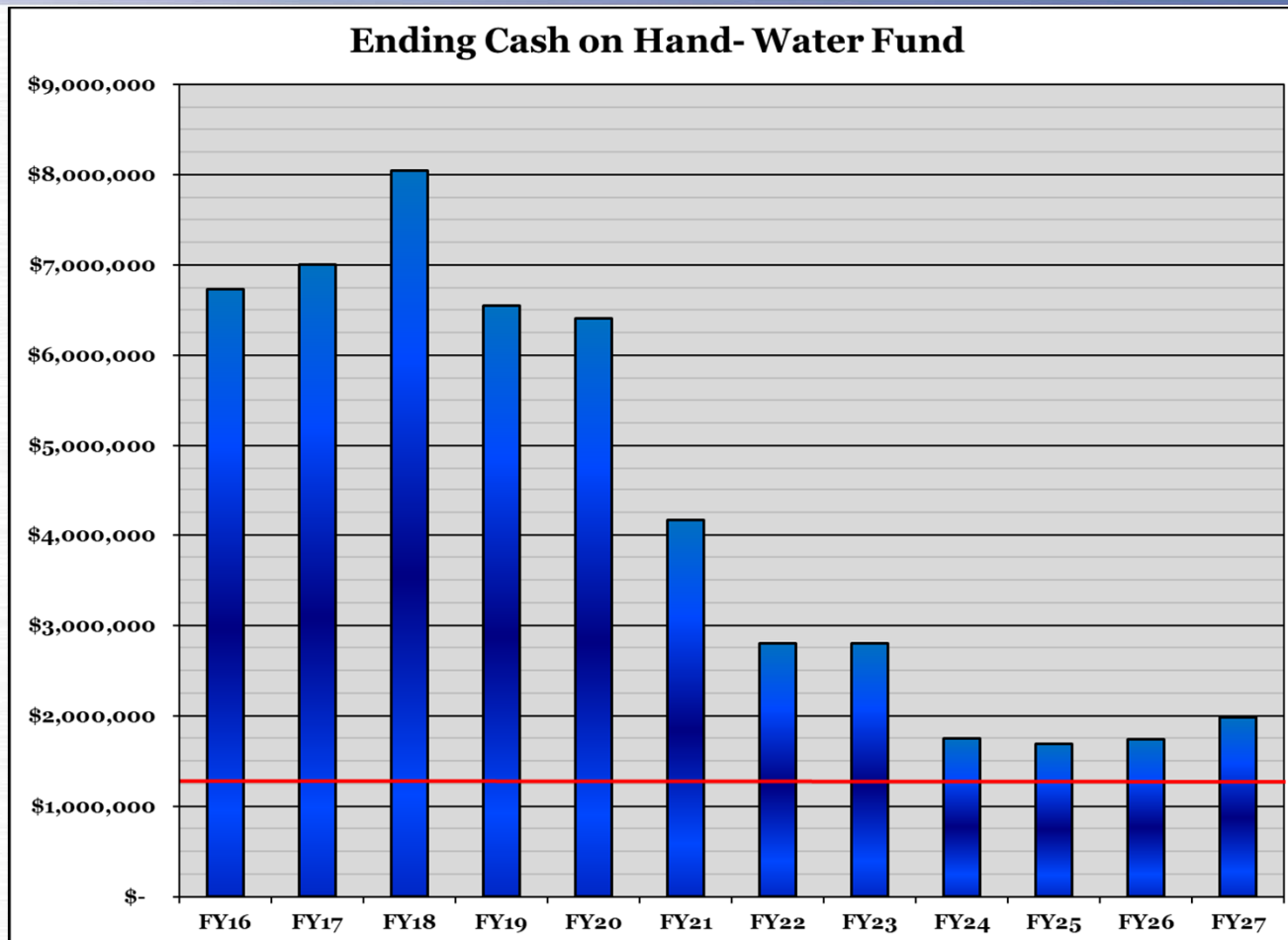
West Side Water Transmission Line



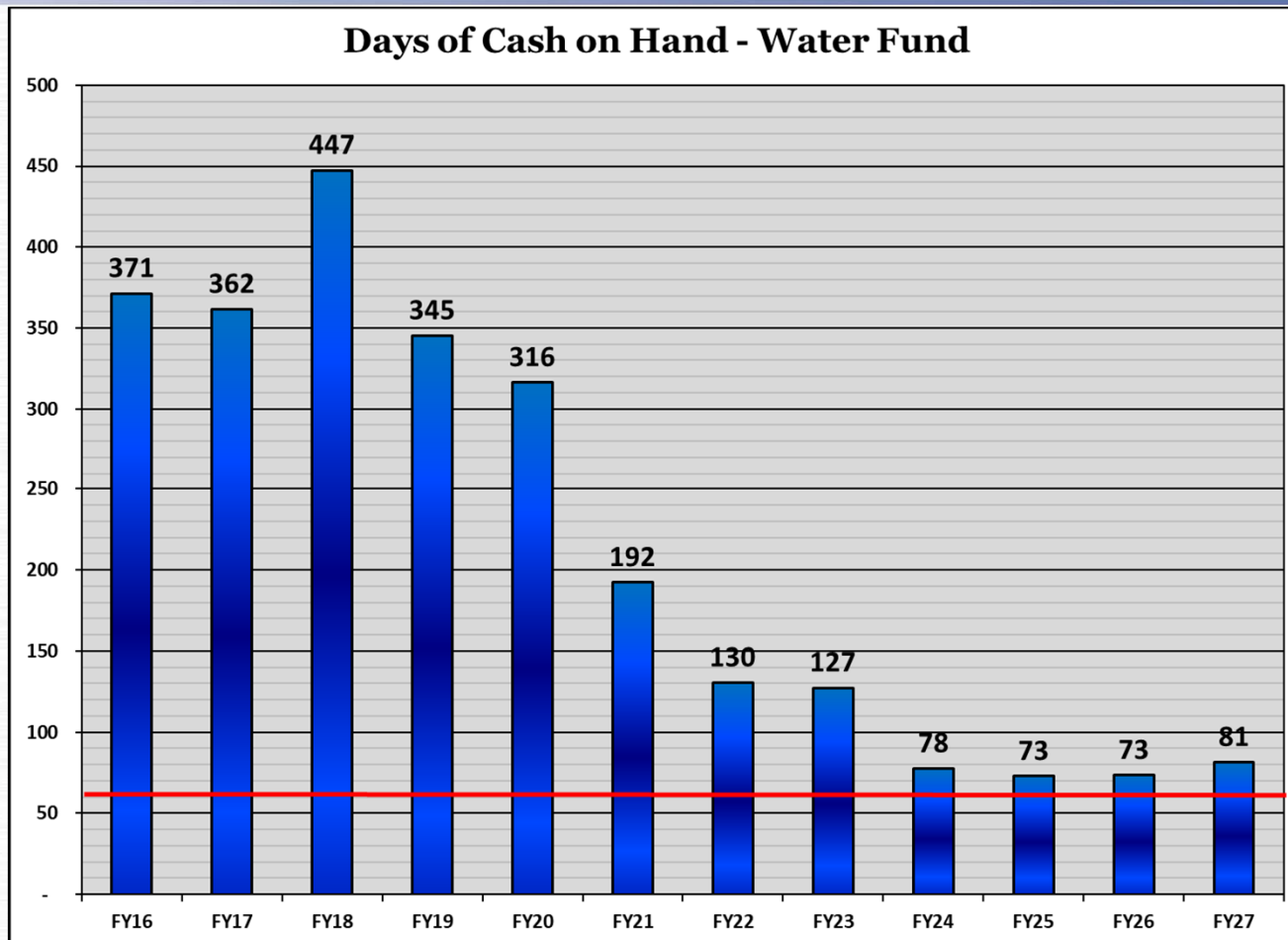
Mumford Rd Water Line



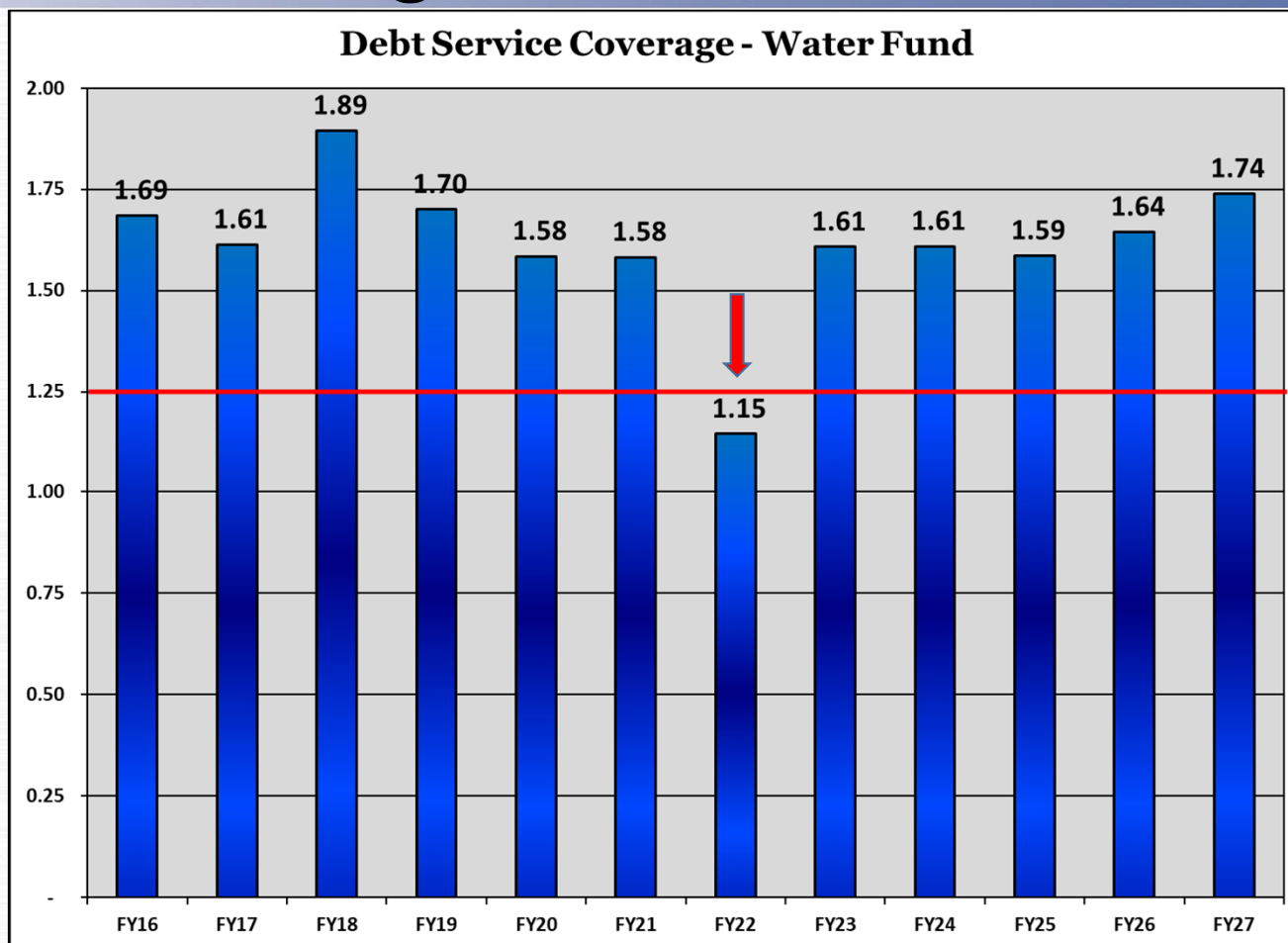
Ending Cash



Days of Cash



Debt Service Coverage



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Wastewater

FY21 – Wastewater Revenue

	FY 2019 Actual	FY 2020 Adopted	FY 2020 Projected	FY 2021 Proposed	\$Chng/FY 20 Adopted	%Chng /FY 20
<u>Revenues</u>						
Operating Revenues						
Sewer System Revenue	\$ 12,435,022	\$ 12,200,000	\$ 12,300,000	\$ 12,300,000	\$ 100,000	0.8%
Sewer Penalties	113,693	124,000	117,000	117,000	(7,000)	-5.6%
Miscellaneous	5,159	5,650	4,750	4,800	(850)	-15.0%
Pretreatment Fees	560,733	585,000	561,000	561,000	(24,000)	-4.1%
Hauler & Sewer Inspection Fees	64,771	62,200	64,550	62,550	350	0.6%
<i>Total Operating Revenues</i>	13,179,378	12,976,850	13,047,300	13,045,350	68,500	0.5%
Non-Operating Revenues						
Sewer Tap Fees	143,032	120,000	125,000	140,000	20,000	16.7%
Miscellaneous-Non Operating	22,112	29,002	28,130	29,000	(2)	0.0%
Transfers from Other Funds	295,934	268,198	268,200	265,706	(2,492)	-0.9%
Interest Income	380,991	225,050	215,350	200,000	(25,050)	-11.1%
Gain (Loss) on sale of asset	13,619	-	-	-	-	0.0%
<i>Total Non-Operating Revenues</i>	855,688	642,250	636,680	634,706	(7,544)	-1.2%
Total Revenues	14,035,066	13,619,100	13,683,980	13,680,056	60,956	0.4%

FY21 – Wastewater Expenses

	FY 2019 Actual	FY 2020 Adopted	FY 2020 Projected	FY 2021 Proposed	\$Chng/FY 20 Adopted	%Chng /FY 20
<u>Expenditures</u>						
Operating Expenses						
Wastewater Administration	615,990	637,751	2,257,885	640,685	2,934	0.5%
Wastewater Collection	2,334,569	2,345,530	2,306,255	2,443,950	98,420	4.2%
Wastewater Pre-Treatment	88,033	100,260	95,540	104,060	3,800	3.8%
Wastewater Treatment	2,429,763	2,932,895	2,835,150	2,819,925	(112,970)	-3.9%
Environmental Services	610,904	654,100	650,425	683,300	29,200	4.5%
General & Admin Reimbursement	618,113	538,046	538,050	522,593	(15,453)	-2.9%
Transfer to Other Funds	46,374	47,890	47,890	50,101	2,211	4.6%
Transfer to BTU	471,795	564,722	564,725	542,155	(22,567)	-4.0%
<i>Total Operating Expenses</i>	7,215,540	7,821,194	9,295,920	7,806,769	(14,425)	-0.2%
Non-Operating Expenses						
Annual Capital	4,562,809	5,543,000	3,654,230	3,300,000	(2,243,000)	-40.5%
Right of Way Payments	642,956	646,000	646,000	649,515	3,515	0.5%
Paying Agent Fee	770	5,000	5,000	5,000	-	0.0%
Bond Sales Expense	44,509	-	-	-	-	0.0%
Debt Service	3,480,348	3,711,106	3,711,110	3,718,855	7,749	0.2%
<i>Total Non-Operating Expenses</i>	8,731,391	9,905,106	8,016,340	7,673,370	(2,231,736)	-22.5%
Total Expenditures	15,946,931	17,726,300	17,312,260	15,480,139	(2,246,161)	-12.7%

FY21 – Wastewater Summary

	FY 2019 Actual	FY 2020 Adopted	FY 2020 Projected	FY 2021 Proposed
Net Increase/(Decrease)	(1,911,865)	(4,107,200)	(3,628,280)	(1,800,083)
Beginning Operating Funds	11,567,004	8,353,504	10,403,691	6,775,411
Timing of Cash Flows	748,552	-	-	-
Ending Operating Funds	\$ 10,403,691	\$ 4,246,304	\$ 6,775,411	\$ 4,975,328
Reserve Requirement :				
(60 days operating expenses)	\$ 1,186,116	\$ 1,285,676	\$ 1,528,096	\$ 1,283,304

Decision Packages

1. None



Future Projects

FY20: Cash \$5.65 MM

- SH47 Lift Station and Trunk Line Design: \$1.20 MM (in progress)
- Woodville Rd: \$1.00 MM (in construction)
- I&I Study – Burton Creek Basin: \$0.90 MM (in progress)
- South Coulter: \$0.650 MM (in construction)
- Still Creek WWTP Dumpveyor and Blower: \$0.60 MM (in design)
- Independence Ave: \$0.525 MM (in construction)
- Development Agreements: \$0.50 MM
- Palasota: \$0.20 MM (in design)
- East Side WWTP Permit: \$0.075 MM

FY21: Cash \$3.30 MM

- Collection Lines: \$0.90 MM
- I&I Study – Burton Creek Basin: \$0.80 MM
- Sulphur Springs: \$0.60 MM (design complete)
- SH47 Lift Station and Trunk Line Easements: \$0.50 MM
- Old Hearne Ph 1: \$0.50 MM (in design)

Future Projects

FY22: Debt \$10.0 MM Cash \$2.50 MM

- SH47 Lift Station and Trunk Line: \$10.00 MM
- Collection Lines: \$1.150 MM
- I&I Study – Still Creek Basin: \$0.50 MM
- WWTP Scada: \$0.50 MM
- Palasota Ph 2: \$0.350

FY23: Cash \$2.50 MM

- Collection Lines: \$2.00 MM
- WWTP Scada: \$0.50 MM

Future Projects

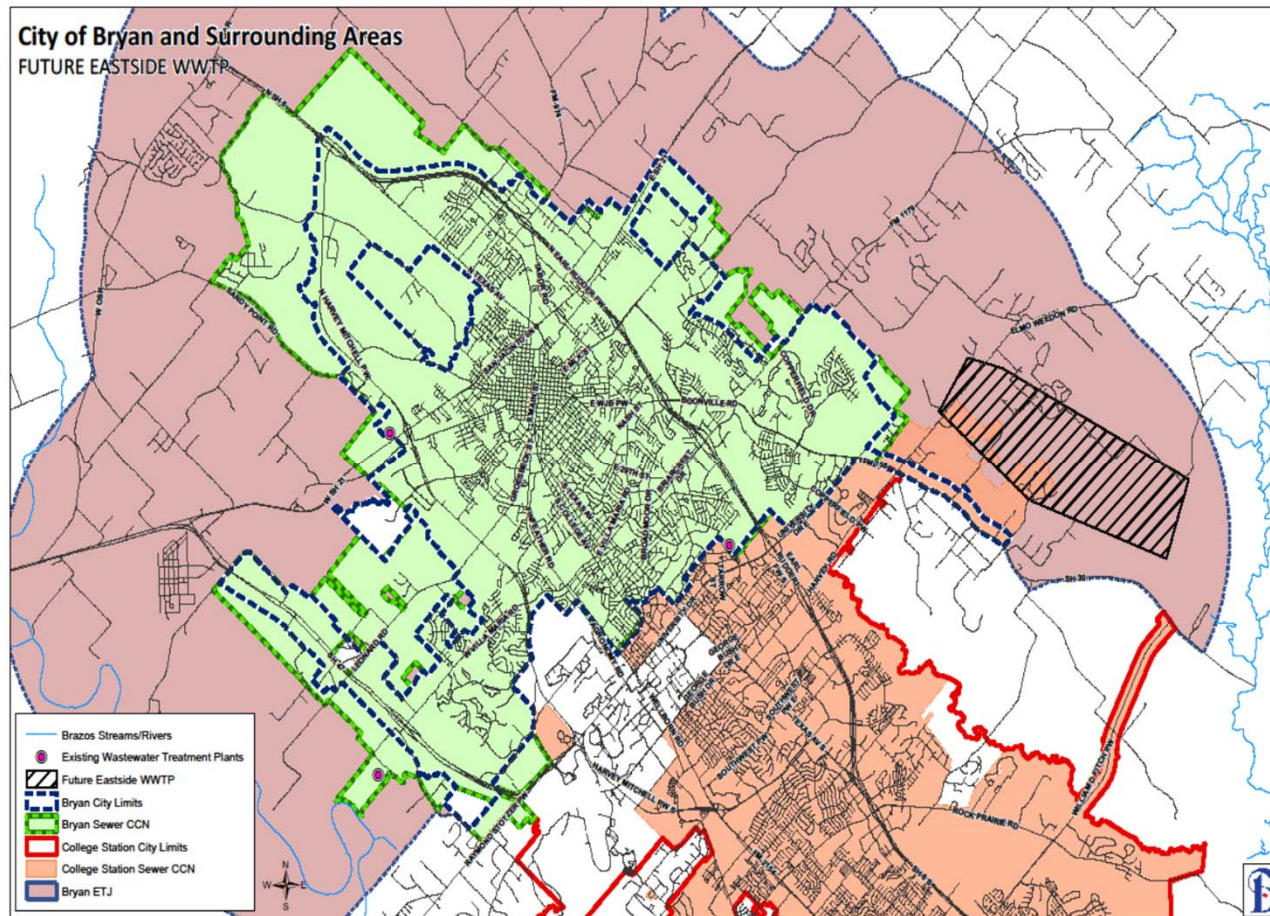
FY24: Cash \$2.50 MM

- South College Ph 1: \$0.60 MM
- Old Hearne Ph 3&5: \$0.60 MM
- I&I Study – Thompsons Creek Basin: \$0.50 MM
- WWTP Scada: \$0.50 MM
- Woodville Rd Ph 1: \$0.30 MM

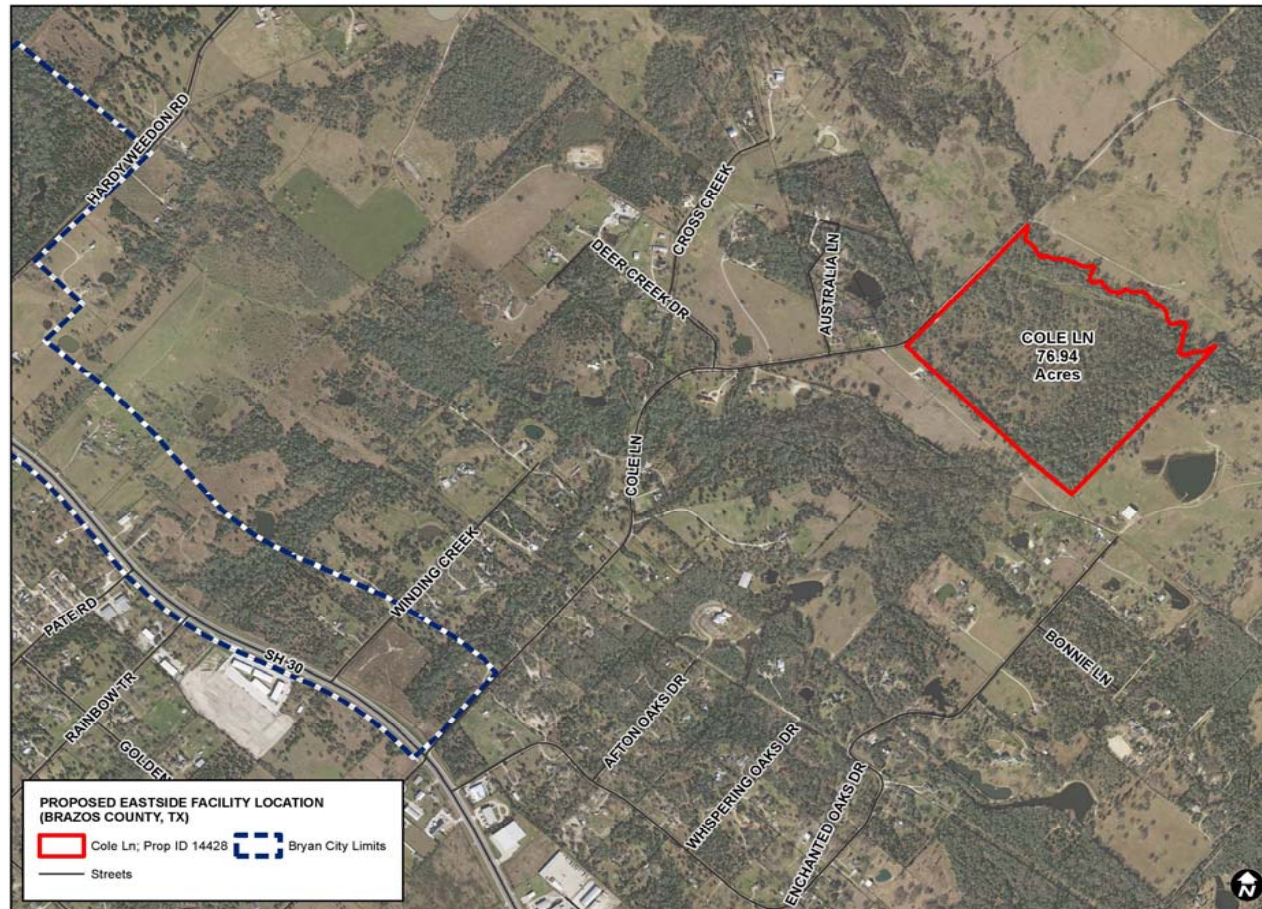
FY25: Cash \$2.00 MM

- Collection Lines: \$0.850 MM
- Burton Creek WWTP VFD: \$0.650 MM
- WWTP Scada: \$0.50 MM

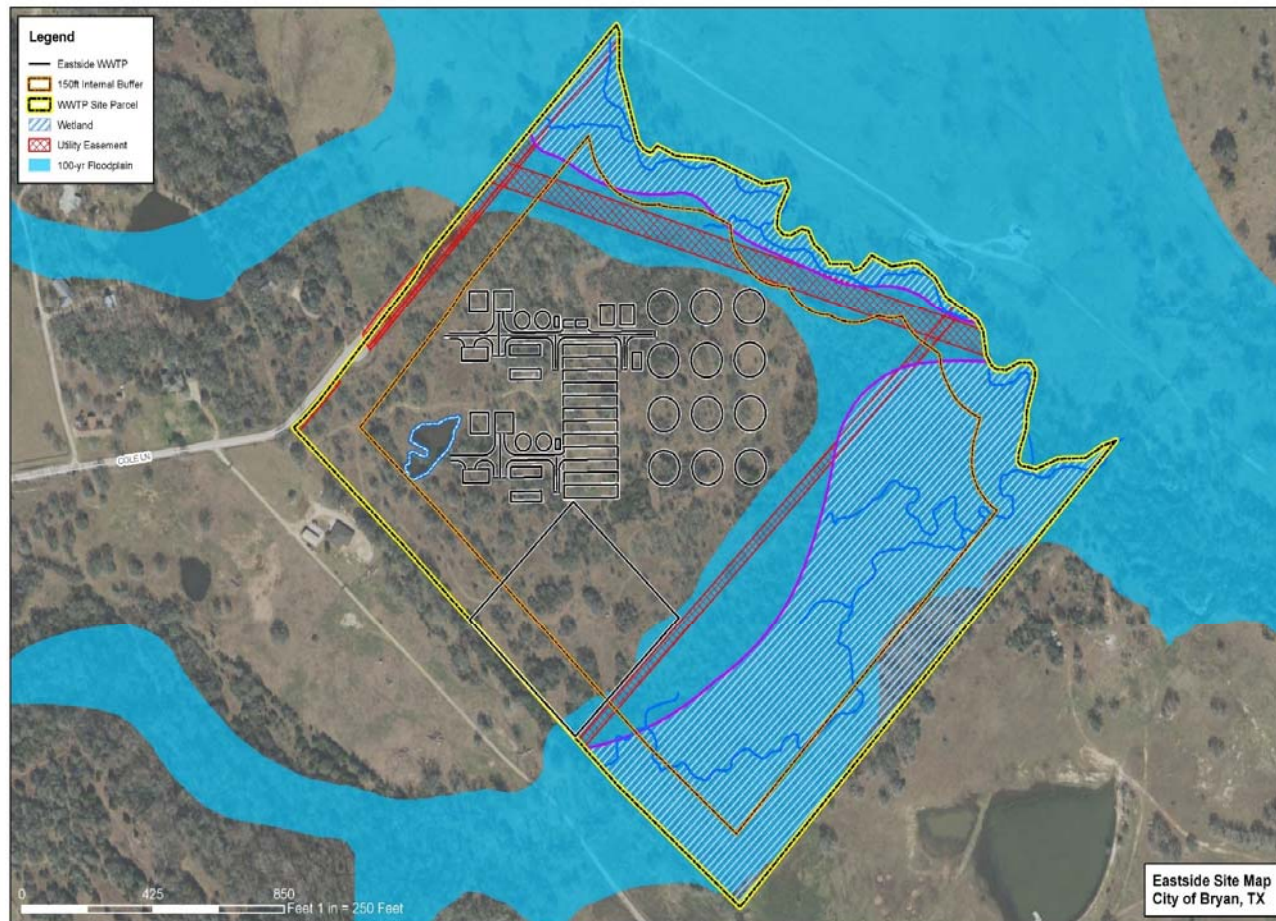
East Side Sewer Improvements



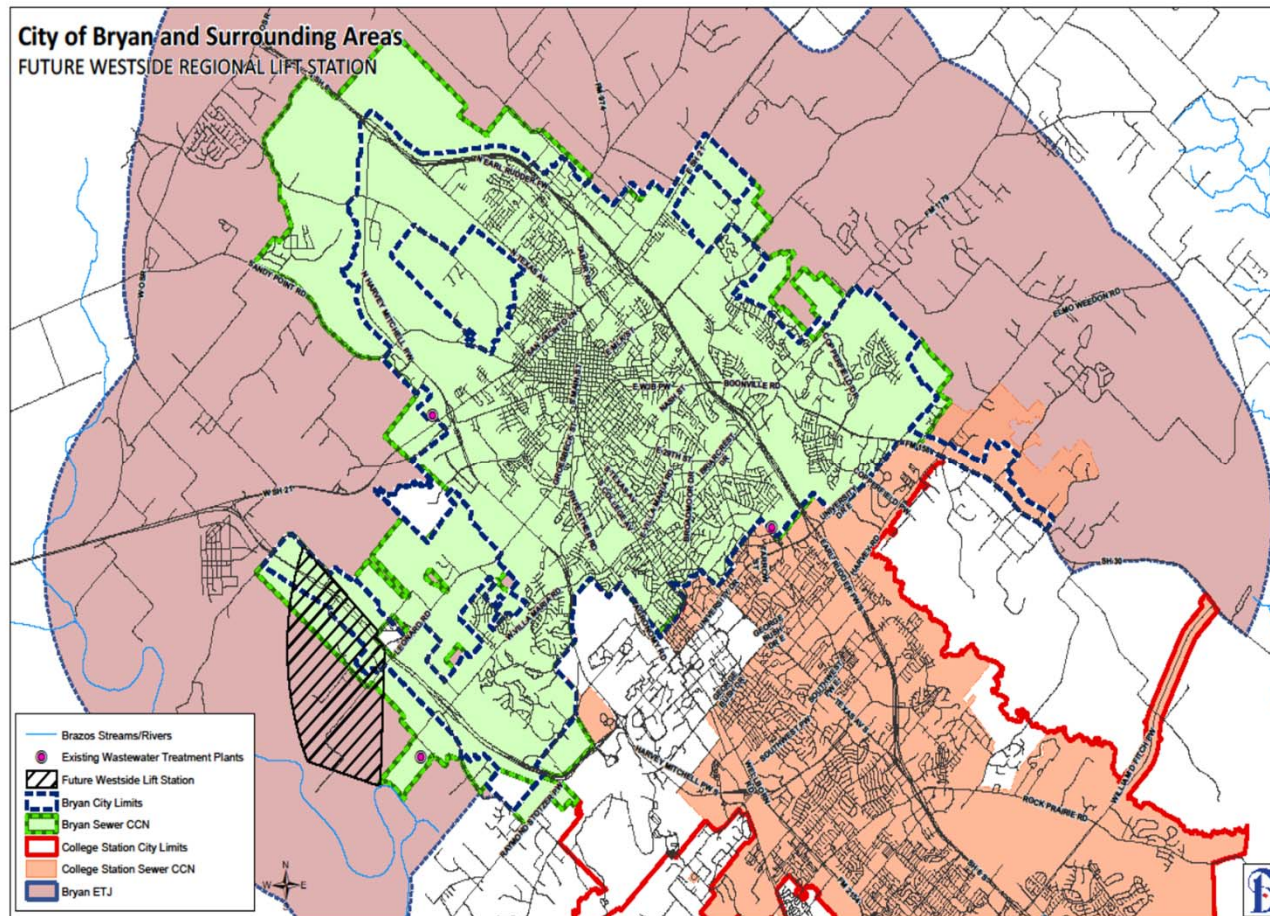
East Side Sewer Improvements



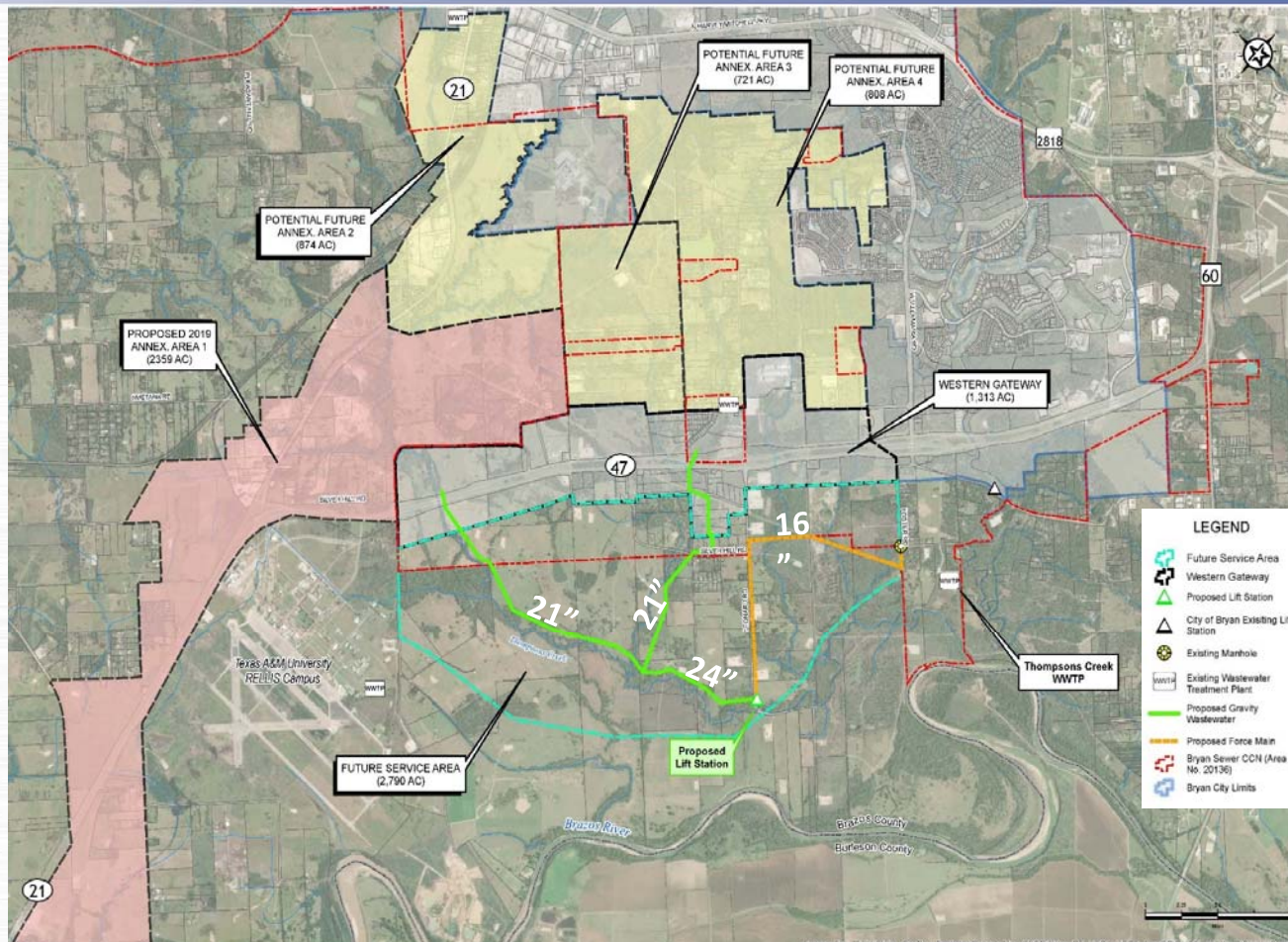
East Side Sewer Improvements



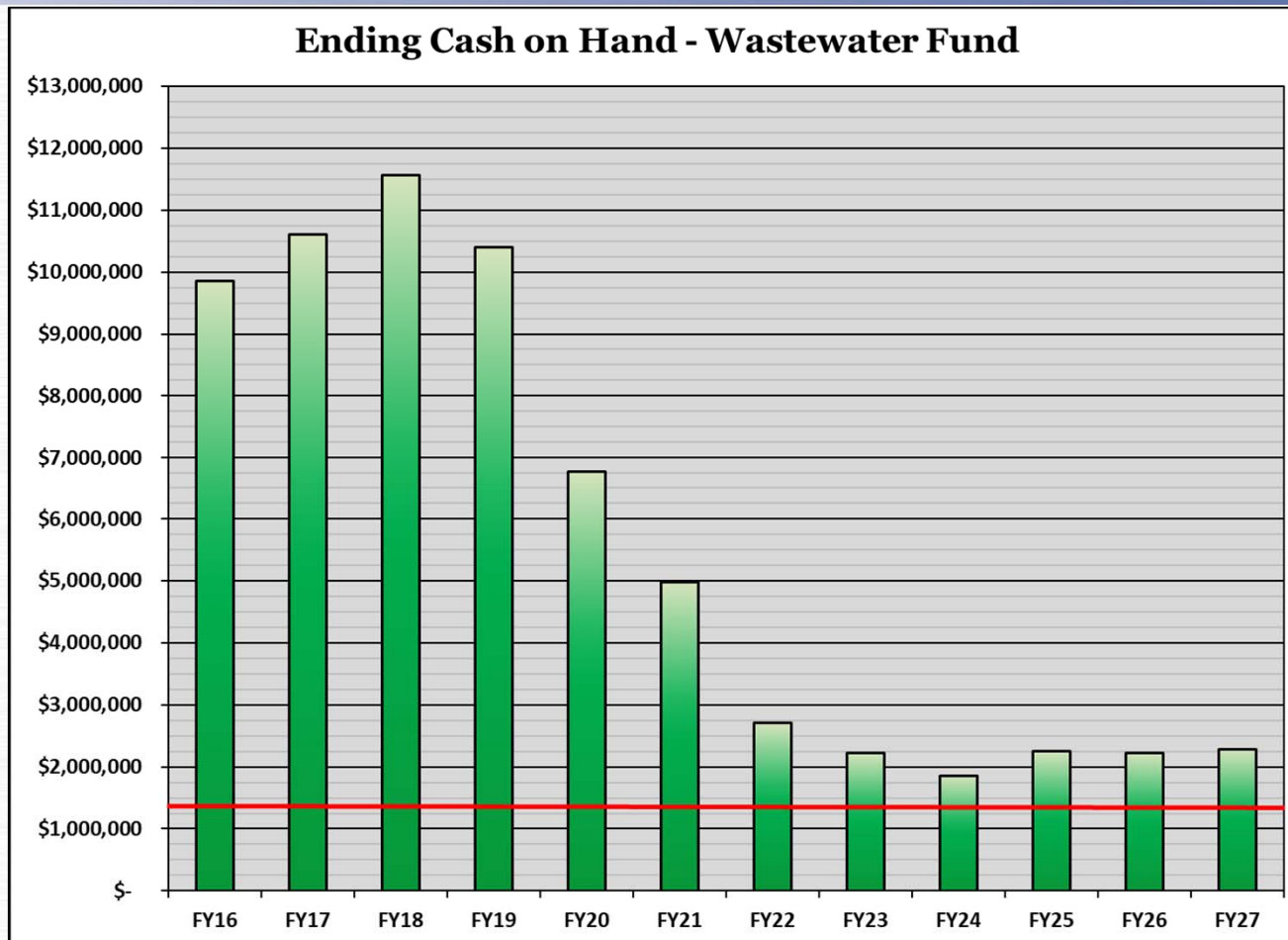
West Side Sewer Improvements



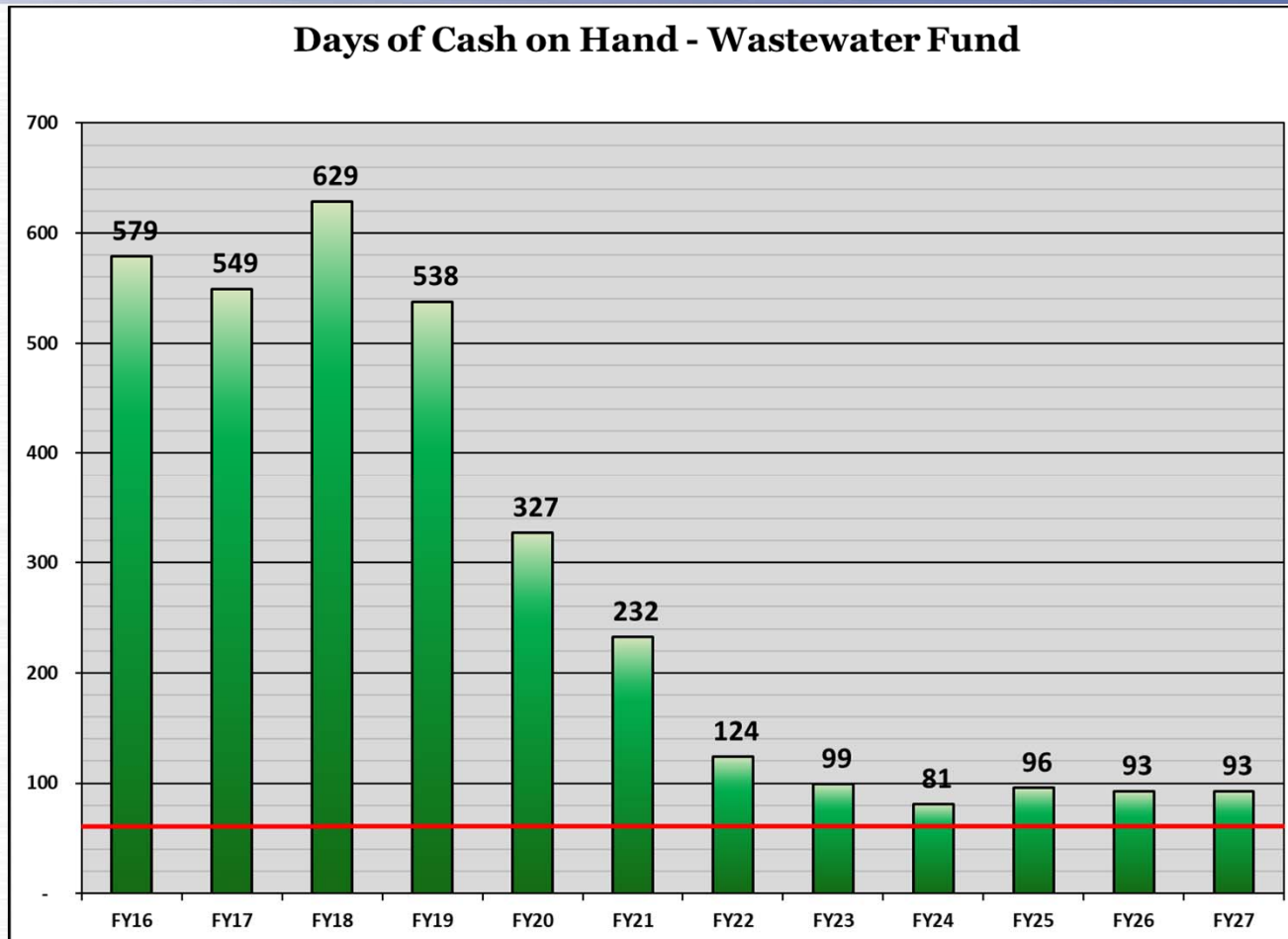
West Side Sewer Improvements



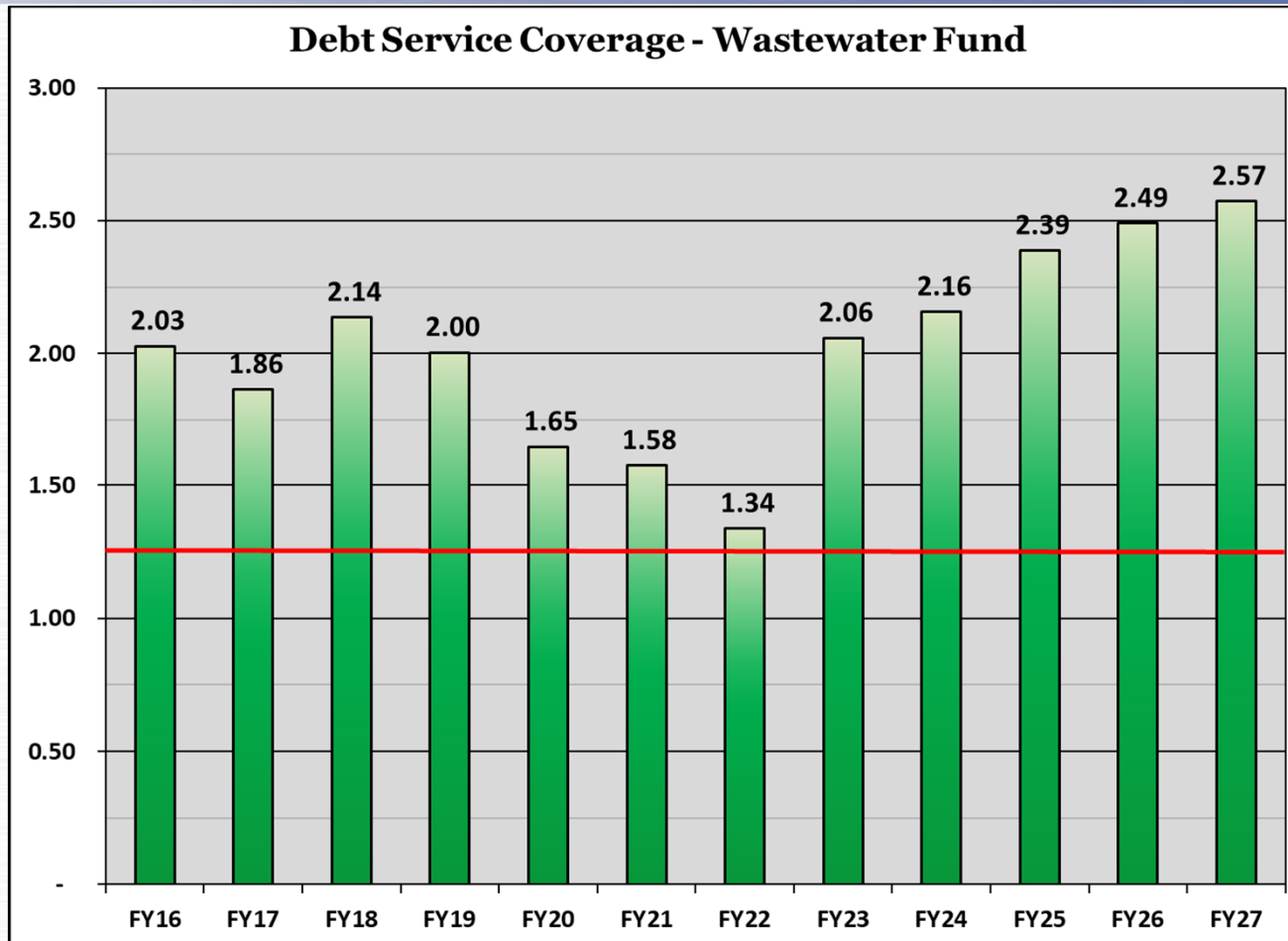
Ending Cash



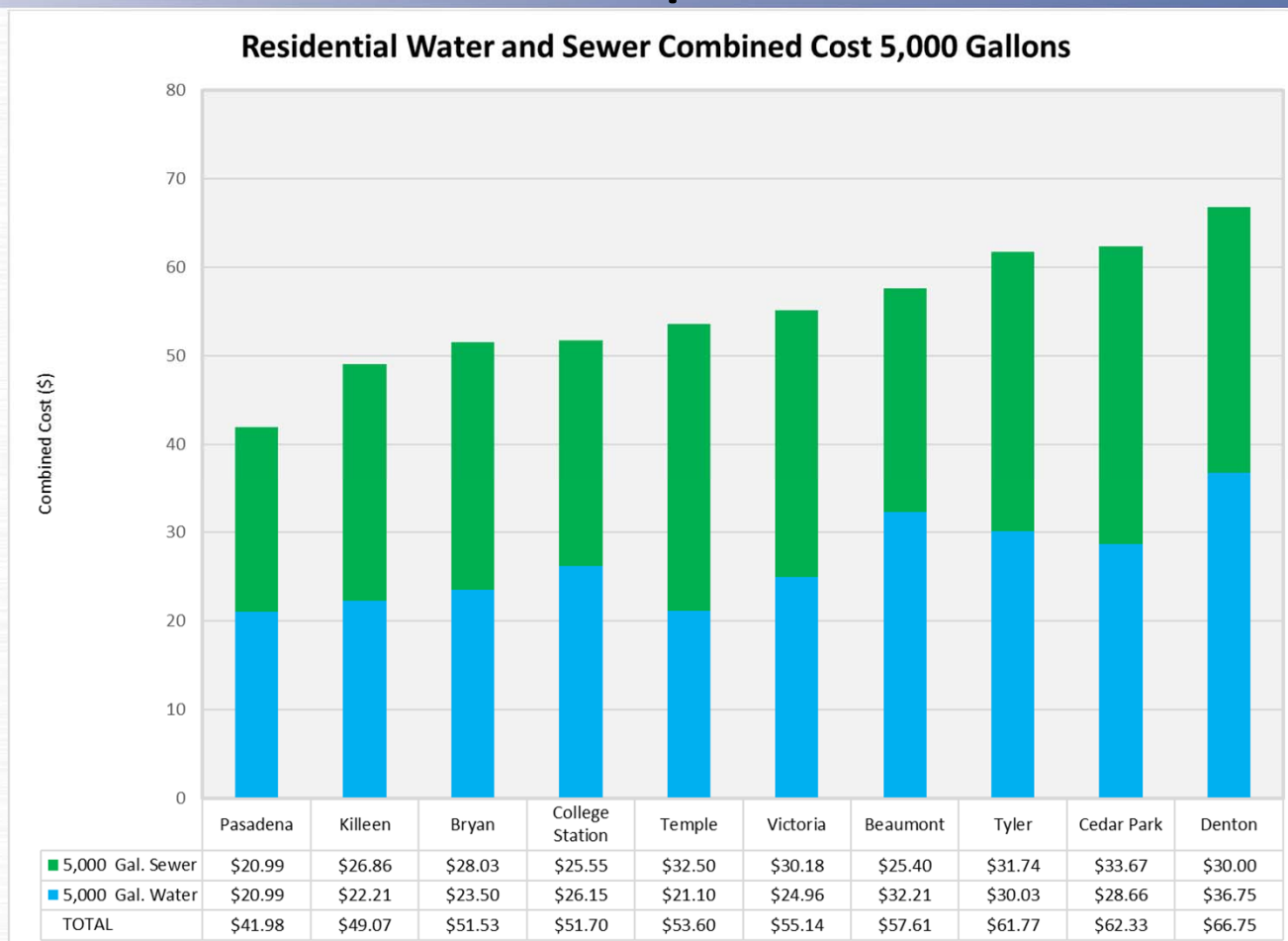
Days of Cash



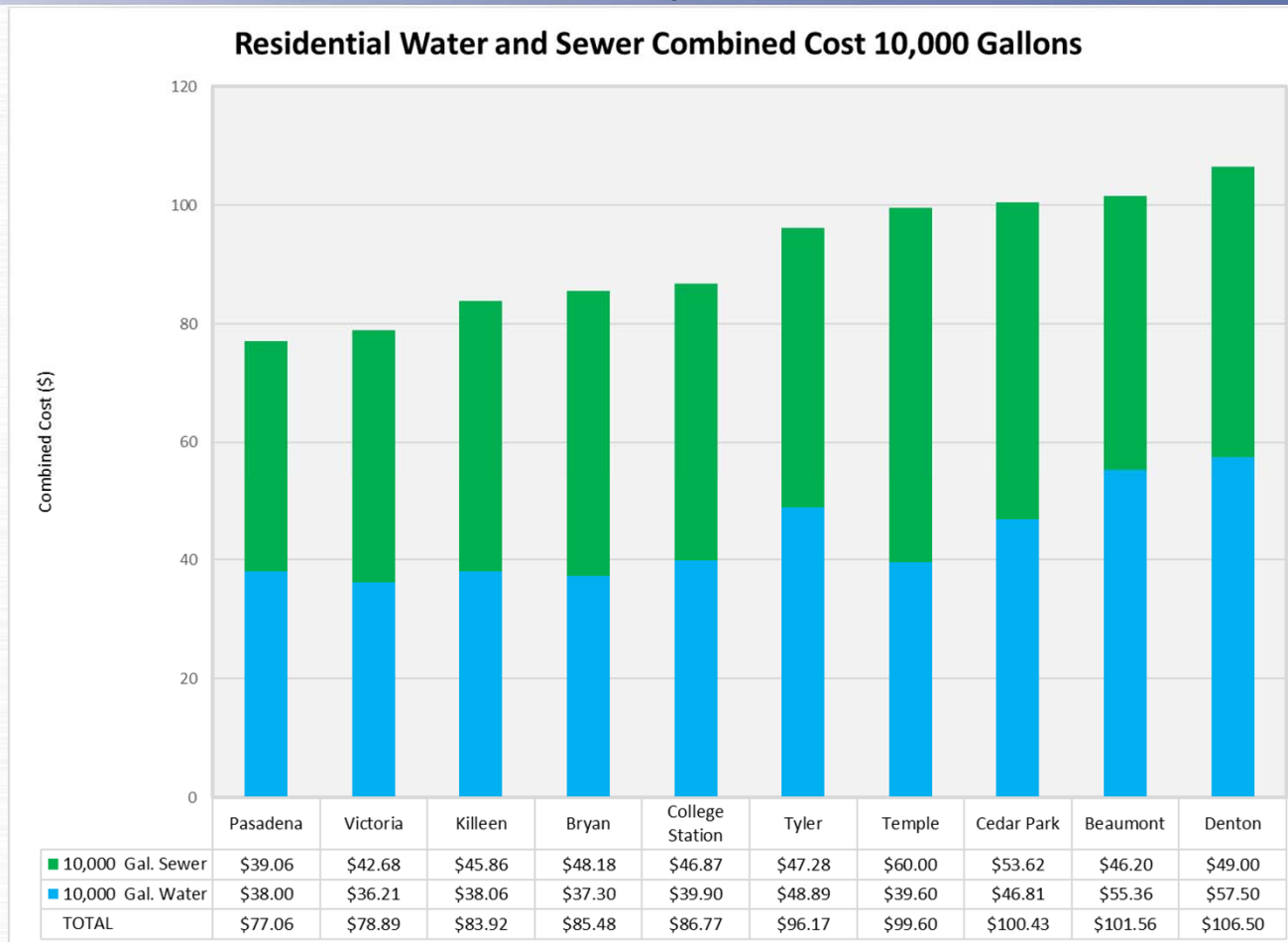
Debt Service Coverage



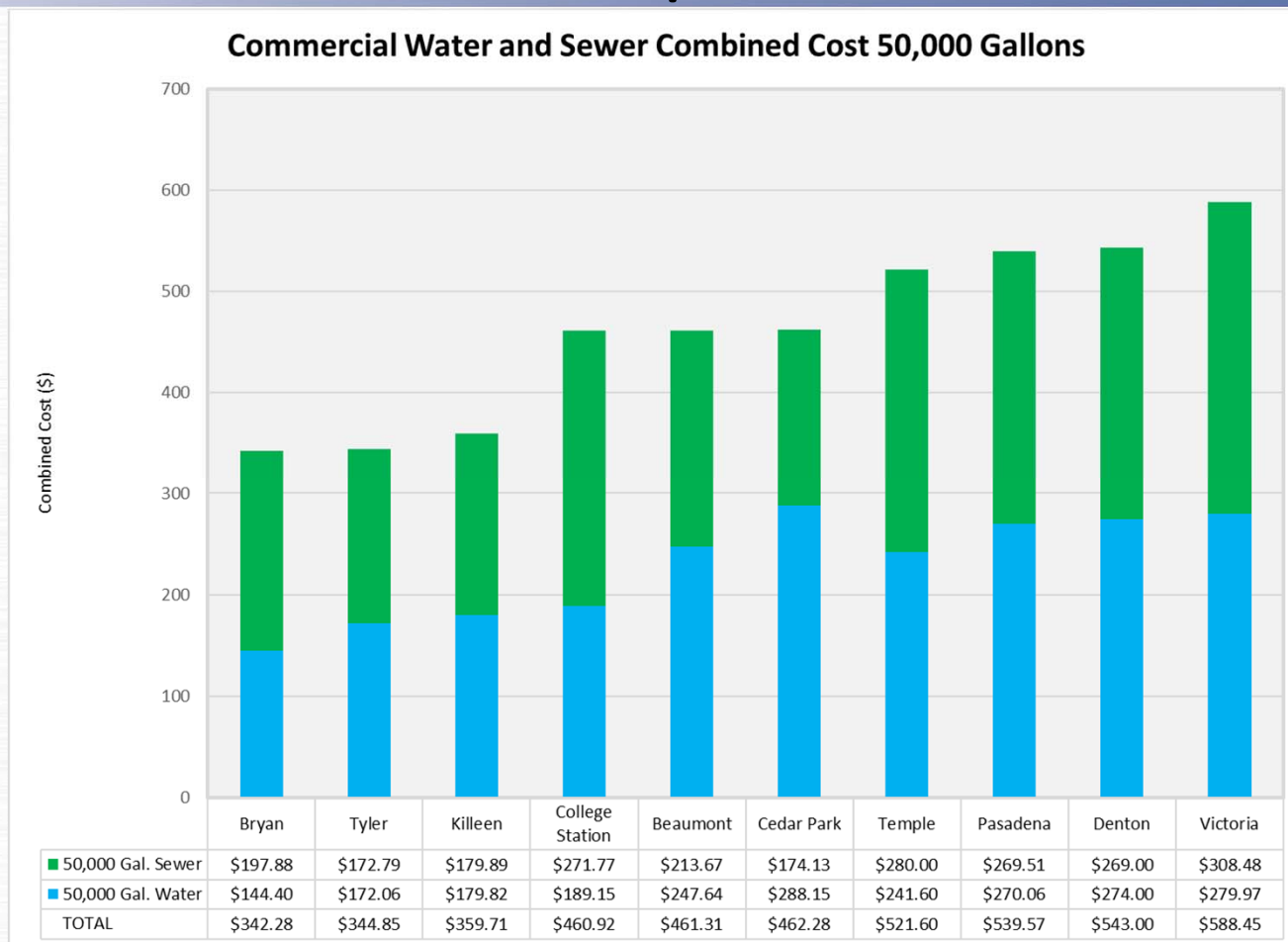
Water and Sewer Cost Comparison



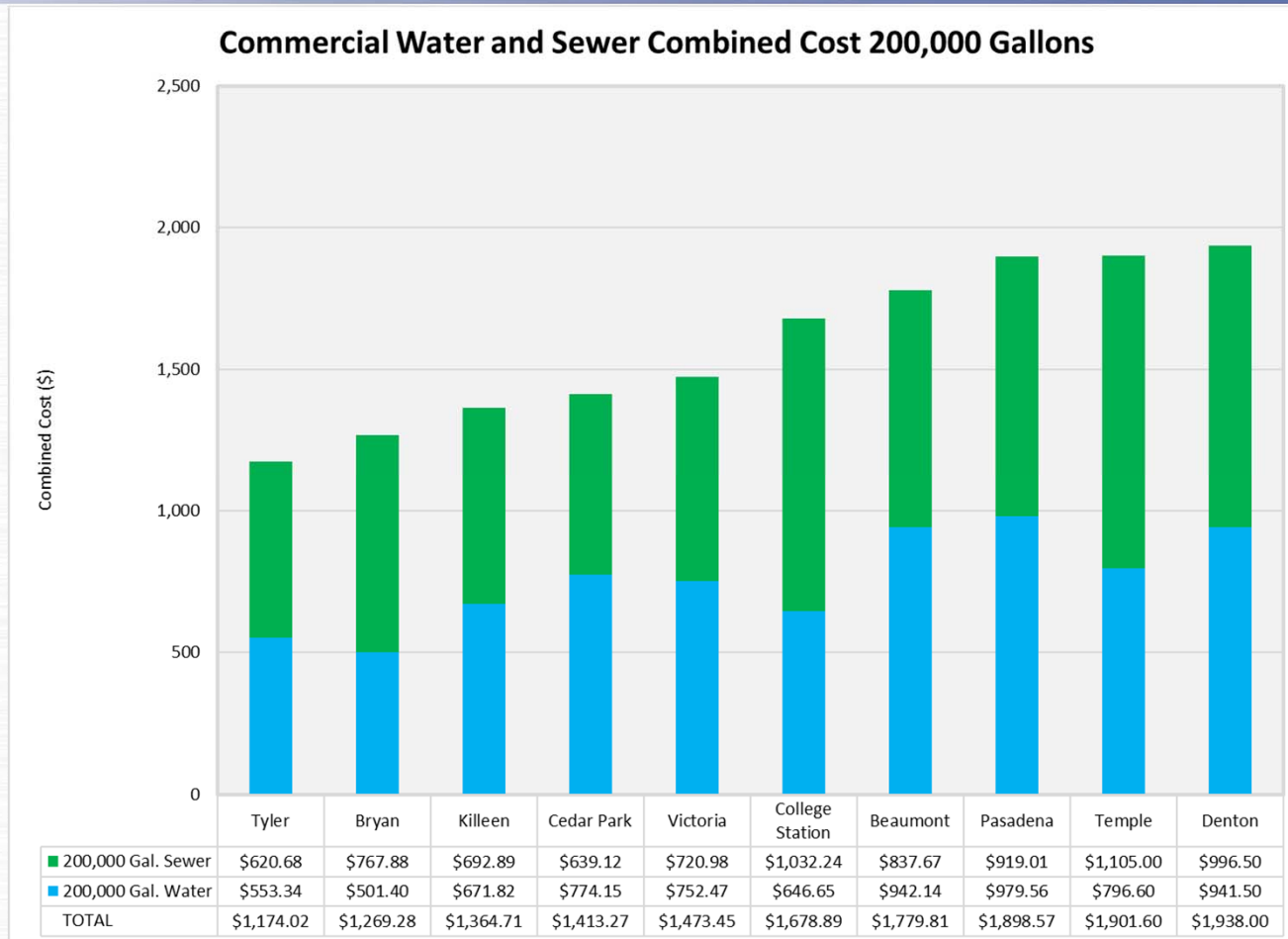
Water and Sewer Cost Comparison



Water and Sewer Cost Comparison



Water and Sewer Cost Comparison



Future Items

- Private repairs to reduce I&I (ongoing)
- Extension Ordinance (Pro Rata)
- Reuse Water Customers (contract signed/permit at TCEQ)
- Advanced notification of water outage
- **Water usage data to customers**
- Thompsons Creek Wastewater Treatment Plant Expansion
 - \$15 million (15 year window)
- Eastside Wastewater Treatment Plant Expansion
 - \$50-\$75 million (10 year window)
- Water Production ASR Project
 - Second Phase \$15 million (November 2021)

Questions/Direction

