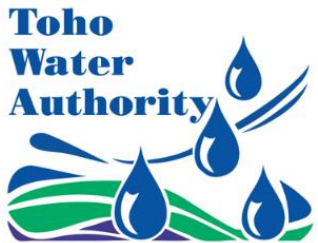


Toho Water Authority

Capital Improvement Plan (CIP) Submittal

FY2024-2028



OVERVIEW

Toho is responsible for the efficient expenditure of monies received from ratepayers. The Capital Improvement Plan is designed to assist in that function and is developed each year to project what the organization's capital needs will be and how such expenditures will be funded over the next five (5) years.

The Capital Improvement Plan is a listing of capital improvements, together with cost estimates and the proposed method of funding. It doesn't commit Toho to certain expenditures over the next five (5) years.



Capital Improvement Plan Update

GROWTH ASSUMPTIONS

		Ranking by % Change			
Rank	County	2022	2010	# Change	% Change
1	Osceola	424,946	268,685	156,261	58.2%
2	St. Johns	296,919	190,039	106,880	56.2%
3	Sumter	141,420	93,420	48,000	51.4%
4	Walton	79,544	55,043	24,501	44.5%
5	Lake	403,857	297,047	106,810	36.0%
6	Nassau	95,809	73,314	22,495	30.7%
7	Manatee	421,768	322,833	98,935	30.6%
8	Santa Rosa	196,834	151,372	45,462	30.0%
9	Flagler	124,202	95,696	28,506	29.8%
10	Lee	802,178	618,754	183,424	29.6%

Florida	2022	2010	# Change	% Change
	22,276,132	18,801,332	3,474,800	18.5%

	2010 Census	2022 Estimates	Projections		
			2025	2030	2035
Florida	18,801,332	22,276,132	23,218,811	24,588,452	25,675,568
		% change	4.2%	5.9%	4.4%
Osceola County	268,685	424,946	468,451	534,977	587,945
		% change	10.2%	14.2%	9.9%

State & Regional Population Growth

- Economic growth is primarily driven by Florida's population growth which impacts both employment and income growth
- Florida's population projected growth is expected at 5.1% while Osceola County is 12.2% from 2022 through 2030 average annual growth.
- County ranking by number change Osceola ranked #9

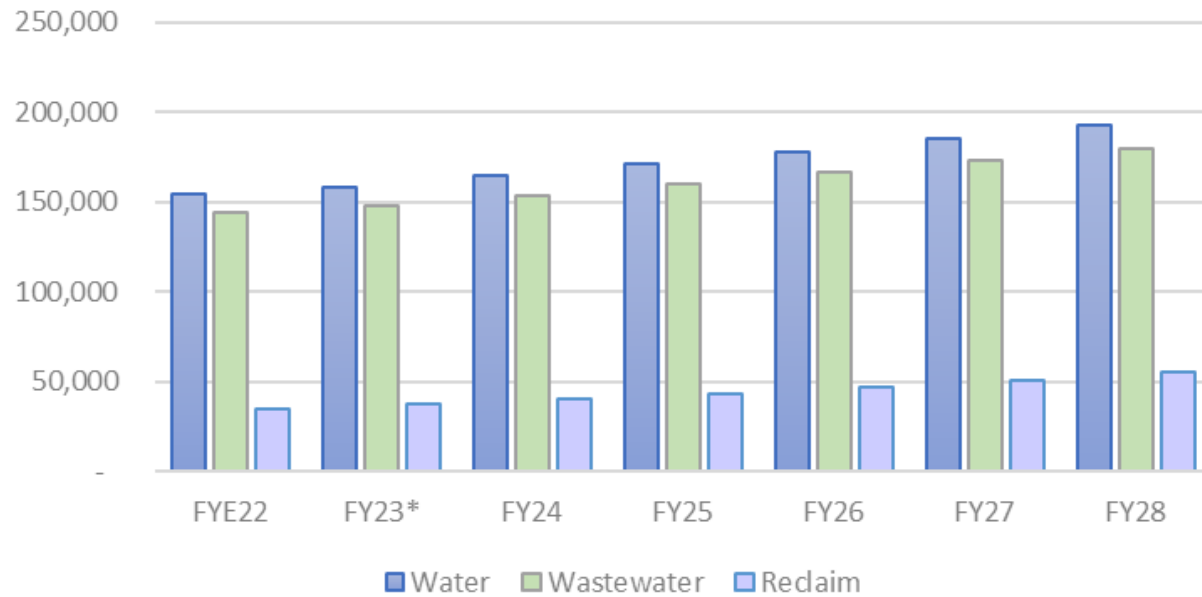
Economic Trends

Key Indicators

- Unemployment rate
2.9% County | 2.6% FL | 3.4% US
- In 2022 Central Florida,
74M FL Visitors 25% YOY growth
- 2021 Osceola GDP \$13,790,534,000 –
15.1% YOY expansion



Customer Growth Projection FY24-28



	FYE22	FY23*	FY24	FY25	FY26	FY27	FY28
Water	154,467	160,760	167,190	173,878	180,833	188,066	195,589
# Change		6,293	6,430	6,688	6,955	7,233	7,523
% Change		4.1%	4.0%	4.0%	4.0%	4.0%	4.0%
Wastewater	144,140	150,282	156,293	162,545	169,047	175,809	182,841
# Change		6,142	6,011	6,252	6,502	6,762	7,032
% Change		4.3%	4.0%	4.0%	4.0%	4.0%	4.0%
Reclaim	34,965	37,602	40,573	43,778	47,236	50,968	54,995
# Change		2,637	2,971	3,205	3,458	3,732	4,026
% Change		7.5%	7.9%	7.9%	7.9%	7.9%	7.9%

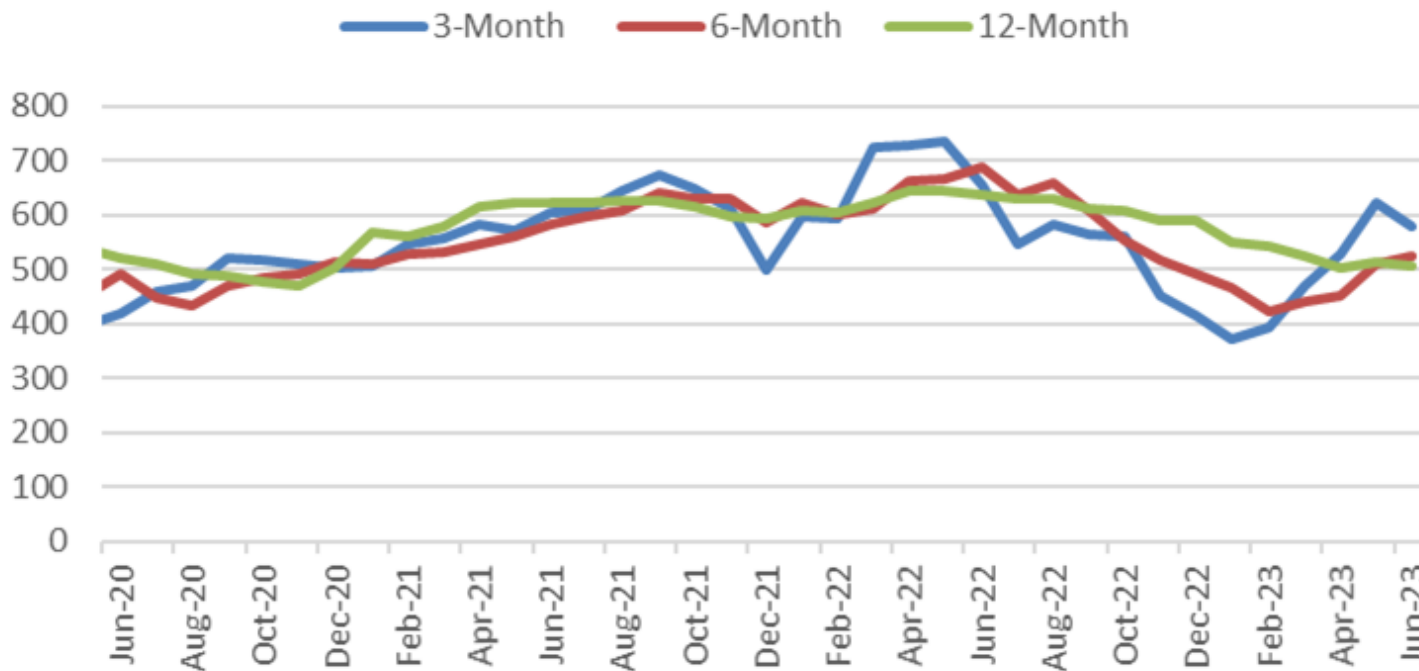
*FY23 projection based on actual FY18-22 year over year % change in customer count

Customer Growth

Customer counts for water and sewer assume 4% and reclaim 7.9% year over year increase

Steady growth considers overall increase to state and regional population growth

3-, 6-, & 12-Month Rolling Average Potable Water Meter Set Comparison

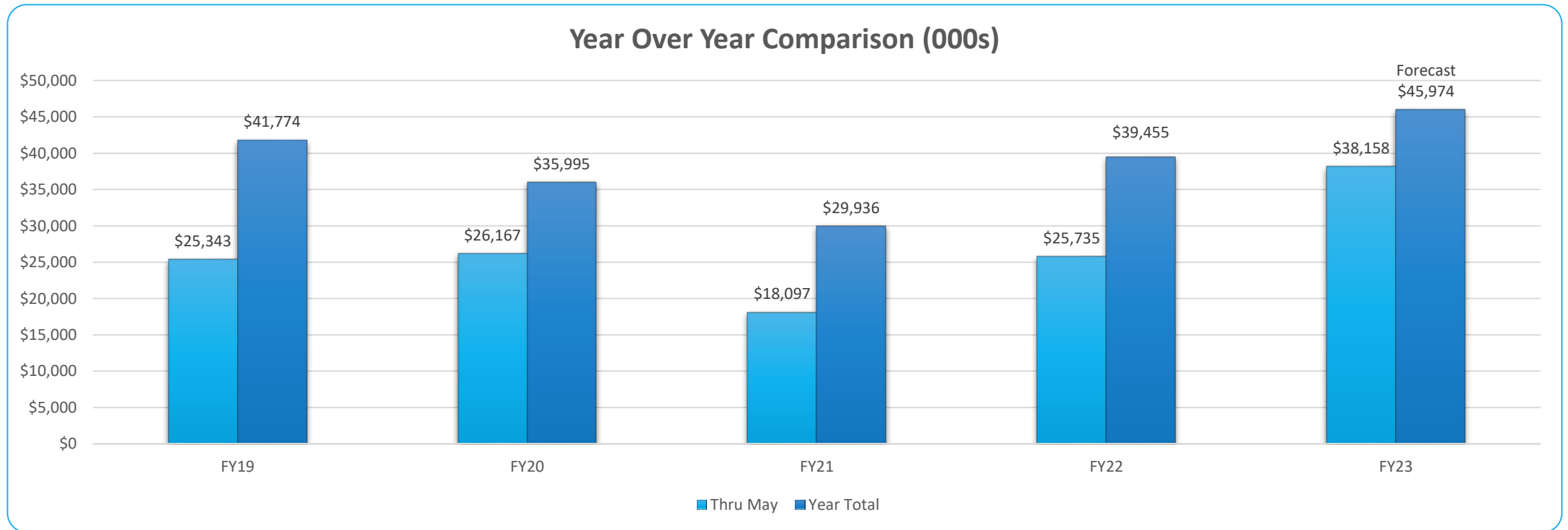


Development Growth

Rolling average for potable water meter set comparisons follow relatively consistent trends based on same period of time year over year

Meter set numbers represent all Toho systems including St. Cloud

System Development Charges Revenue Trends



Key Drivers/Significant Implications

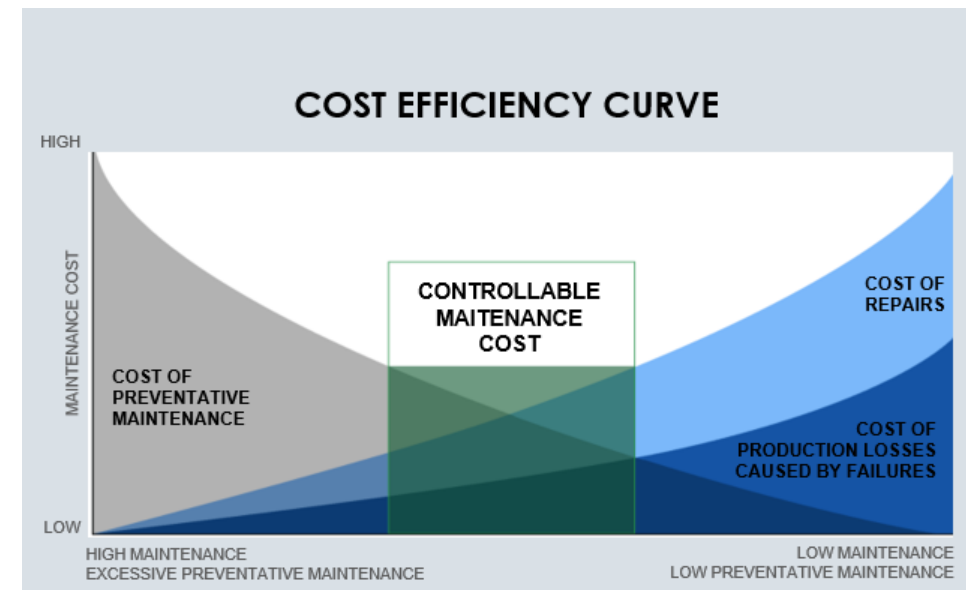
- Economy / Growth
 - Population
 - Development
 - Economic Uncertainty - Forecast recession
- Asset Infrastructure
 - Plants and facilities reinvestment and expansions
- Inflationary Factors
 - Supply and construction cost and demand
 - Chemical, fuel and utility expenses
- Maintain quality of service
- Strengthening of Regulatory Requirements



Operating Margin Relationships

Expense Item	If Cost	Operating Margin	Capital Labor & Material Cost May	Service Level Could	Cost in Future Years Could
Maintenance & Repairs Items	Decrease	Increase	Increase	Decrease	Increase
Maintenance & Repairs Items	Increase	Decrease	Decrease	Increase	Decrease

- Maintenance & Repair Inverse Operating Margin Relationship
 - Cost go down – Margin goes up
 - Cost go down – Capital goes up
 - Cost go down – Service Level Could Decrease
- Future year's cost could increase
 - “Pay me now or Pay me Later”
 - Overall net dollar increase



Capital Improvement Plan Update

BOND COVENANTS & POLICY REQUIREMENTS

Bond Covenant & Policy Requirements

Source	Type	FY24 Target	5-Year Average
Bond Covenant	Debt Service Coverage	Above 115%	
	R&R Reserve Balance	\$3.6M	\$3.7M
	R&R Funding Requirement	\$16.1M	\$18.8M
Board Policy	Debt Service Coverage (to avoid cash funding reserve)	Above 150%	
	Capital Reserve 15% (O&M + Debt + PILOT)	\$15.1M	\$16.4M
	Operating Reserve 4 Weeks O&M	\$5.4M	\$6.1M

Required Transfers

PILOT fees totaled \$17M in 2023 based on rate revenues and rents from the Toho I (Kissimmee) and Toho V (St. Cloud) systems. Toho II, III, and IV are not able to generate the positive cash flow required after deduct O&M costs, debt, and capital investments in those systems.

<i>In (000s)</i>	FY2023	FY2024	FY2025	FY2026	FY2027	FY2028
R&R Requirement ^[1]	\$19,332	\$20,297	\$20,791	\$21,424	\$21,936	\$24,037
PILOT Fees	\$16,960	\$17,992	\$19,090	\$20,254	\$21,490	\$22,800
Total Required Transfers	\$36,292	\$38,289	\$39,881	\$41,678	\$43,426	\$46,837

¹Per the Authority's minimum R&R policy the funding amount is determined by dividing the estimated five year depreciated asset value less land and construction in progress by the estimated average useful life of the fixed assets (Calculated by the annual 5-average depreciation rate)

*Formula: For FY2023 = Previous 5-Year Average of Net Depreciable Assets (\$852 Million)
Average Depreciation Rate (2.27%) = \$19.3 Million R&R Funding Requirement*

Capital Improvement Plan Update

BUDGET ASSUMPTIONS

Key Revenue Growth Assumptions

- The five year growth projection is expected to average 3.1%
- Water conservation programs will continue to depress the average per capita water consumption
- Higher growth rate for reclaimed water customers at 7.9%
- Overall Operational Growth based on % change of projected cash flows
- Rate sufficiency analysis to validate assumption

Key Revenue Assumptions		2024	2025	2026	2027	2028
Billed Services Growth	Water, Wastewater, Irrigation	3.1%	3.1%	3.1%	3.1%	3.1%
	Reclaim Water	7.9%	7.9%	7.9%	7.9%	7.9%
Rate Adjustment*		4.0%	5.0%	5.0%	5.0%	5.0%
Overall Operational Growth		7.9%	9.1%	8.7%	9.0%	9.3%

*Future rate adjustments subject to change based on information from master plan updates, rate consultant study, etc.

Key Operating Cost Escalation Factors

- Overall five year average rate of expenses is 6.1%
- Pace remains consistent at growth plus inflation

Cost Escalation Factors	FY24	FY25	FY26	FY27	FY28
Salaries & Wages	5.5%	5.5%	5.5%	5.0%	5.0%
Health Insurance	10.0%	10.0%	10.0%	10.0%	10.0%
Repair & Maintenance	7.5%	8.0%	6.0%	6.0%	6.0%
Contracted Services	5.0%	5.0%	5.0%	5.0%	5.0%
Utilities	7.5%	5.0%	5.0%	5.0%	5.0%
Petroleum Supplies	7.5%	5.0%	5.0%	5.0%	5.0%
Chemicals	7.5%	5.0%	5.0%	5.0%	5.0%
Overall Operating Expense Growth	6.6%	6.2%	6.0%	5.9%	5.9%

Operating Margin: Historical & Projected

10 Year Operating Margin (000s)	Historical						Projected				
	FY18	FY19	FY20	FY21	FY22	FY23 <i>(projection)</i>	FY24	FY25	FY26	FY27	FY28
Operating Revenues	\$ 119,568	\$ 131,825	\$ 134,927	\$ 140,036	\$ 151,348	\$ 194,432	\$ 209,573	\$ 228,877	\$ 249,416	\$ 272,081	\$ 297,298
Operating Expenses	56,359	61,625	68,066	69,130	79,242	104,611	111,521	118,439	125,573	132,975	140,854
Net Revenues	\$ 63,209	\$ 70,200	\$ 66,861	\$ 70,906	\$ 72,106	\$ 89,821	\$ 98,051	\$ 110,439	\$ 123,843	\$ 139,106	\$ 156,444
Operating Margin	52.9%	53.3%	49.6%	50.6%	47.6%	46.2%	46.8%	48.3%	49.7%	51.1%	52.6%

Historical Operating Margin

- Maintained average of 51% during FY2018 - FY2023
- FY23 projection reflects inclusion and transition of St. Cloud
- Recent operating margin erosion impacted by:
 - Implementation of critical operating programs
 - Inflationary impacts
 - Residual affects of no rate change in FY21

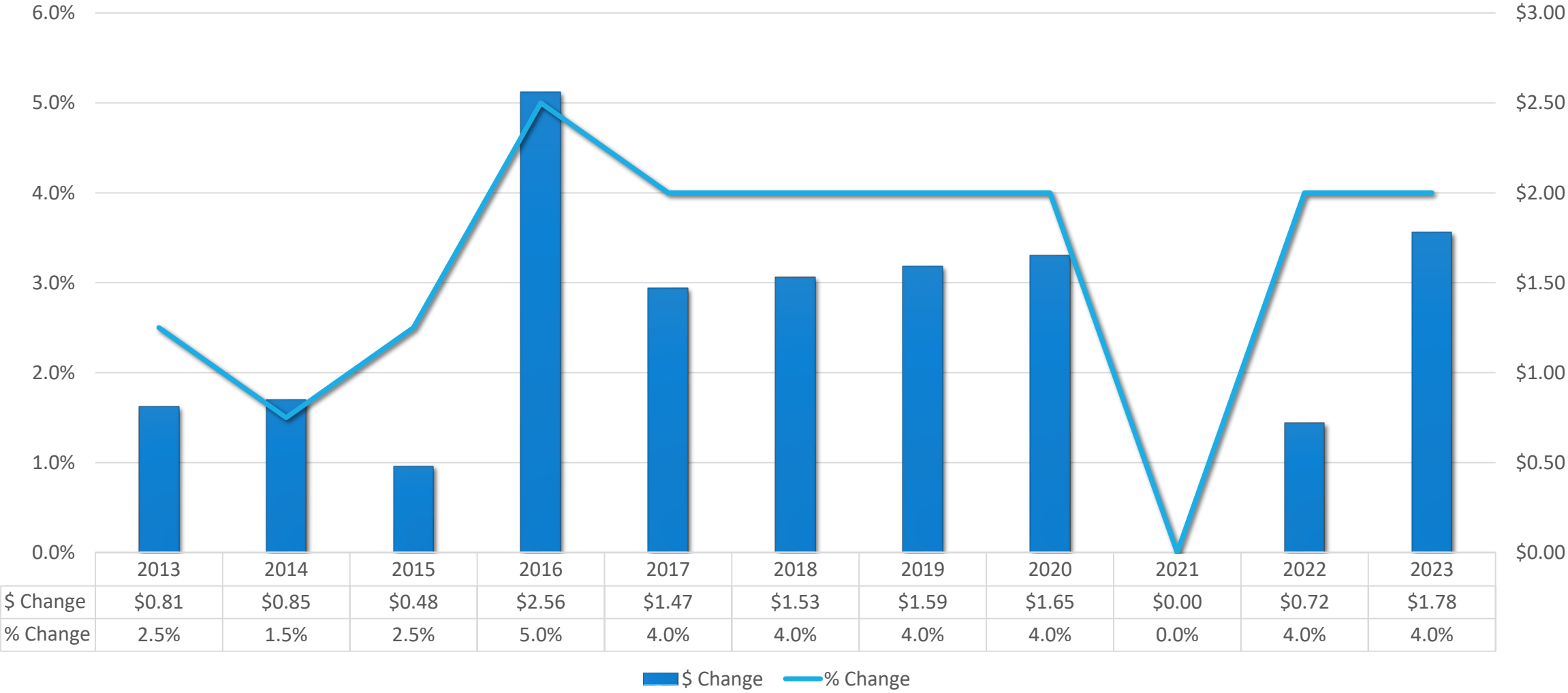
Projected Operating Margin

- Several factors impact the operating margin
 - Annual rate adjustment
 - Inflationary pressures
 - Pace of growth fluctuates, but steady
 - Targeted reserves
 - Manage of key financial metrics

Capital Improvement Plan Update

PROPOSED RATE ADJUSTMENTS

Historical Water & Wastewater Residential Rate % Adjustments



*Prior to 2013, Toho systems were allocated a certain percentage. Subsequently, rate adjustments were equalized.

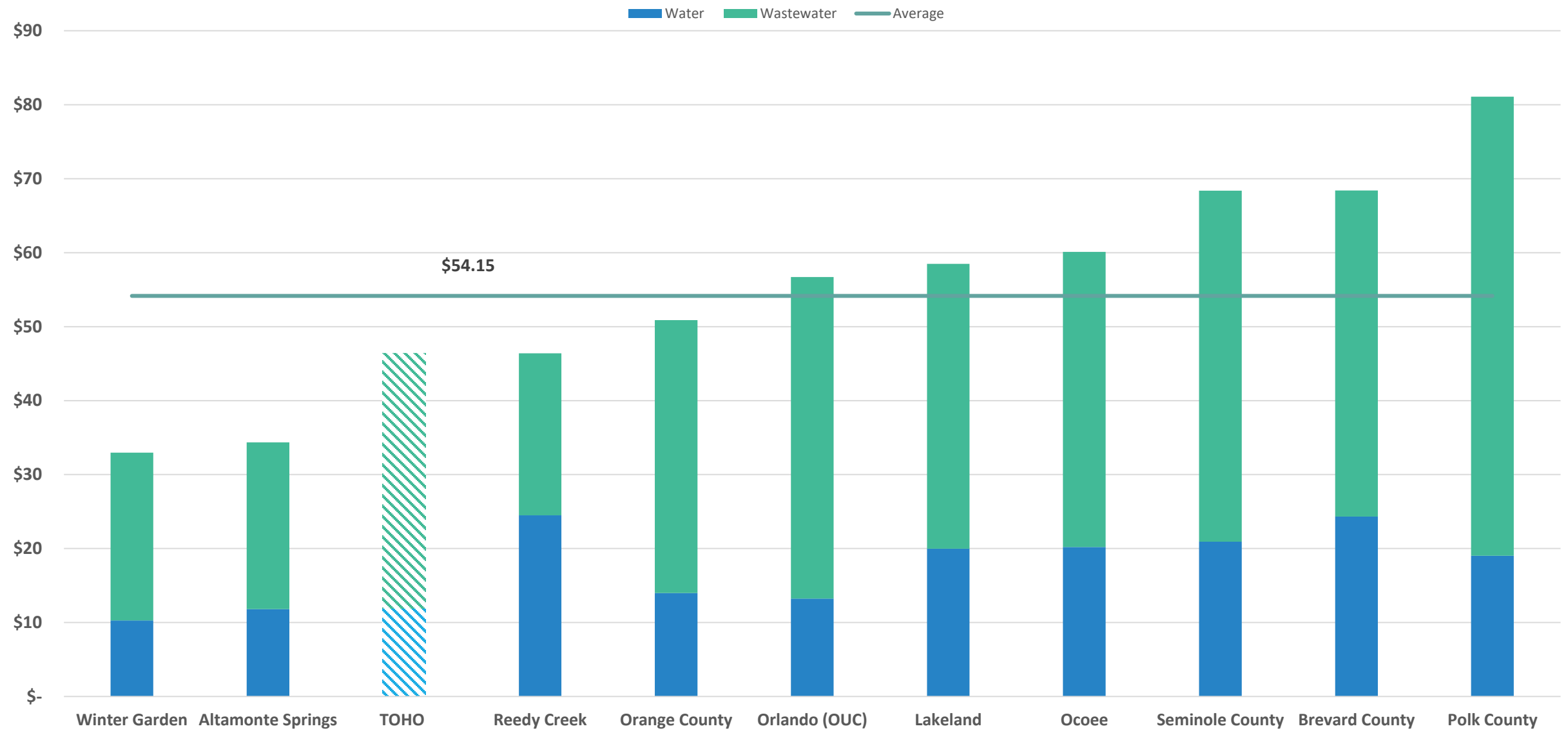
**In FY22, dollar change was lower due to cross connection fee separated and charged only to customers requiring a cross connection control device.

Underlying Rate Assumptions

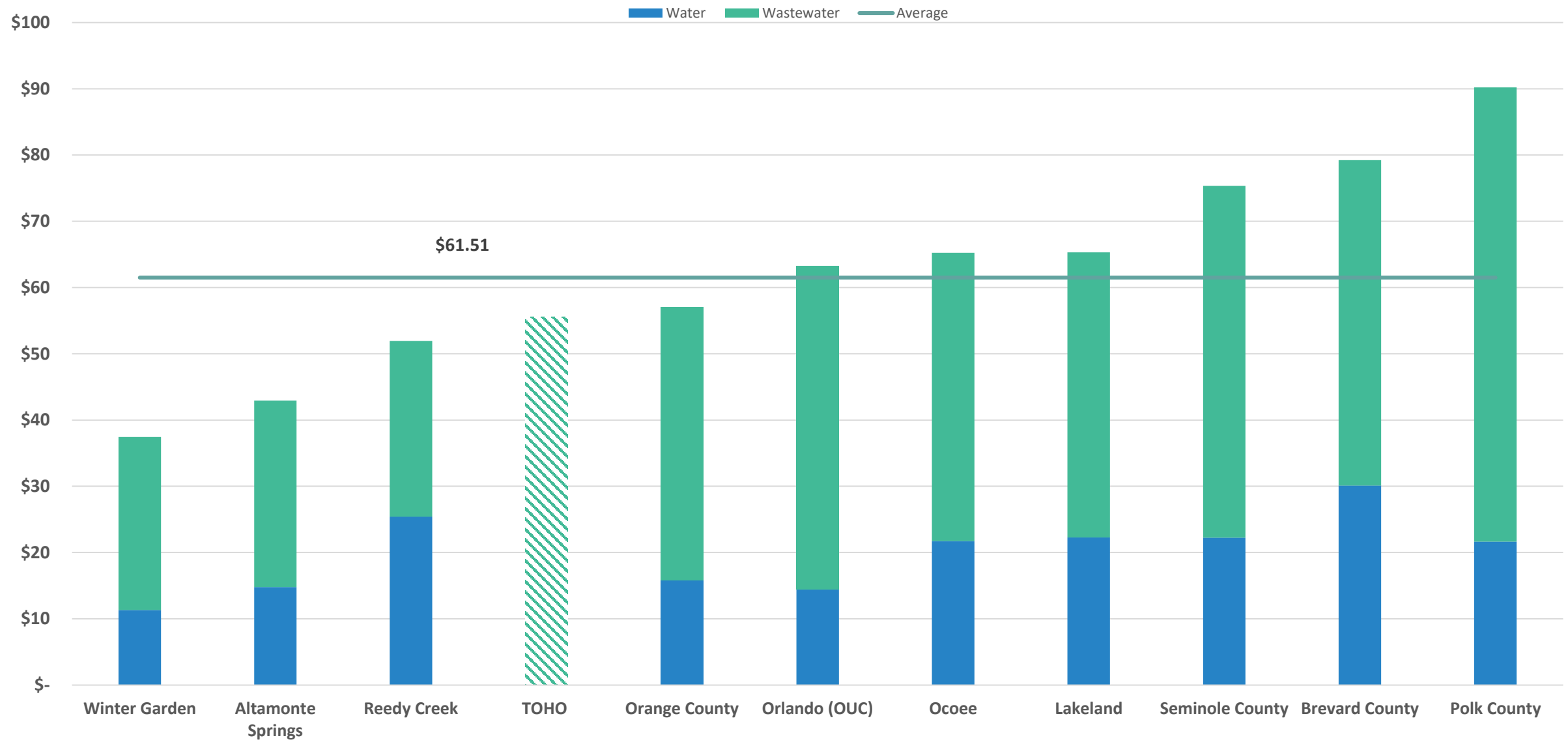
- A rate adjustment of 4% previously approved by the Board for FY24
- Proposed FY25 through FY28 increase to 5% based on inflation and development needs discussed in revenue sufficiency analysis
- Annual adjustments are necessary to offset inflation and provide revenue sufficient to cover:
 - Operating and Capital expenditures
 - Satisfy debt obligations
 - Fund required transfers
 - Meet financial policy thresholds

Example: Combined Bill for Residential Customer	Current	FY24	FY25	FY26	FY27	FY28
Water & Wastewater @ 4k Gal	\$ 46.38	\$ 48.21	\$ 50.64	\$ 53.15	\$ 55.80	\$ 58.59
YOY Change		\$ 1.83	\$ 2.43	\$ 2.51	\$ 2.65	\$ 2.79
Water & Wastewater @ 4k Gal w/Reclaim @ 5kgal	\$ 65.93	\$ 69.72	\$ 73.09	\$ 76.60	\$ 80.27	\$ 84.13
YOY Change		\$ 3.79	\$ 3.37	\$ 3.51	\$ 3.67	\$ 3.86
Water & Wastewater @ 4k Gal w/Potable Irrigation @ 5kgal	\$ 74.82	\$ 77.66	\$ 81.43	\$ 85.35	\$ 89.48	\$ 93.81
YOY Change		\$ 2.84	\$ 3.77	\$ 3.92	\$ 4.13	\$ 4.33

FY2023 Combined Bill Comparison: Residential 3/4" Meter & Monthly Usage of 4 kgal



FY2023 Combined Bill Comparison: Residential 3/4" Meter & Monthly Usage of 5 kgal



Capital Improvement Plan Update

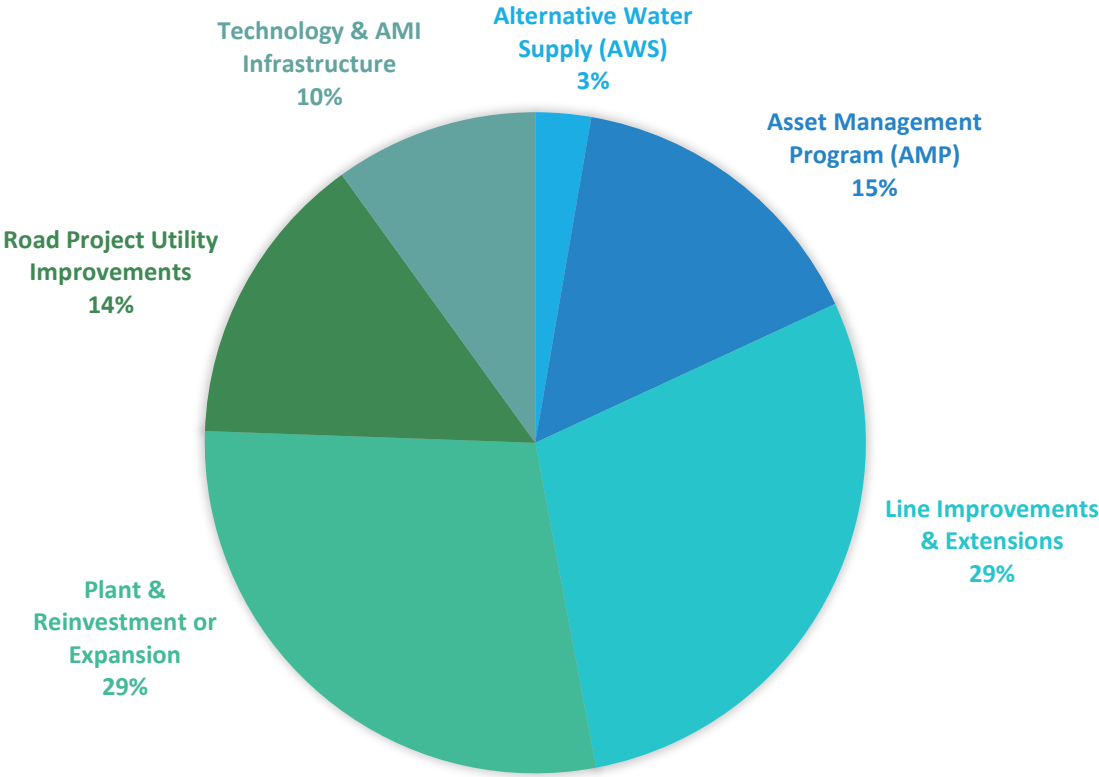
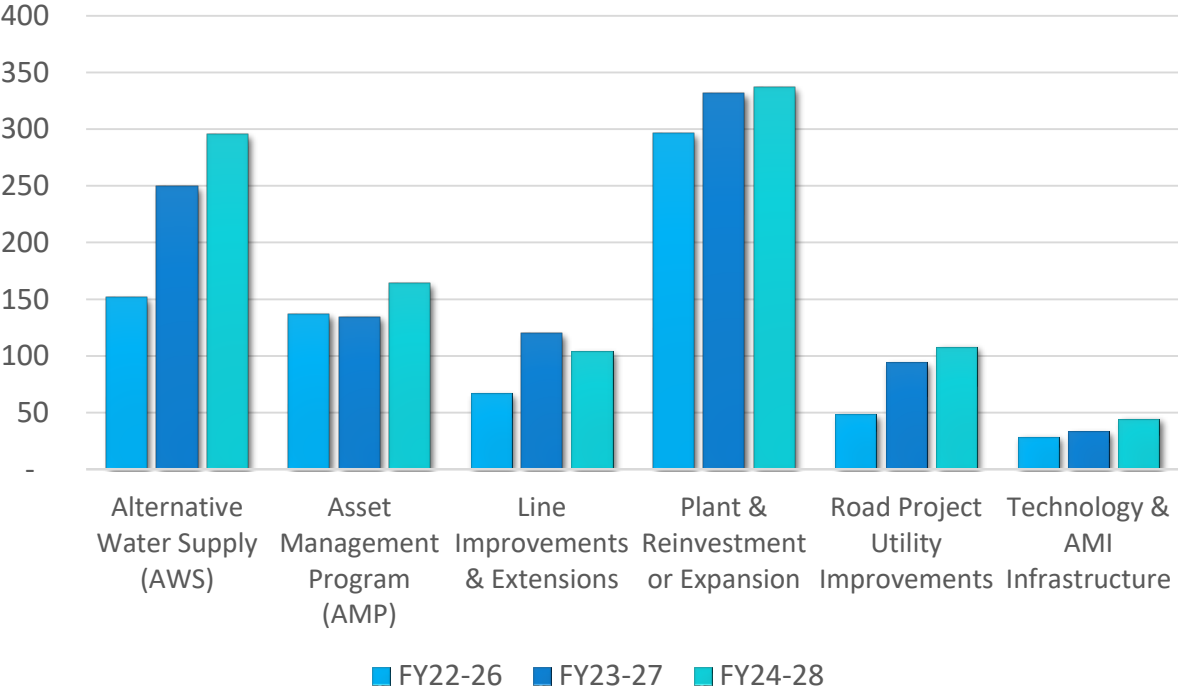
PROPOSED CAPITAL IMPROVEMENT PLAN

FY24-28 Total Capital Plan
\$1.1 Billion

All major CIP projects and capital outlay items for next five years

FY24-28 CIP Project Category

CIP Project Category Comparison
(millions)



FY24-28 # PROJECTS BY %

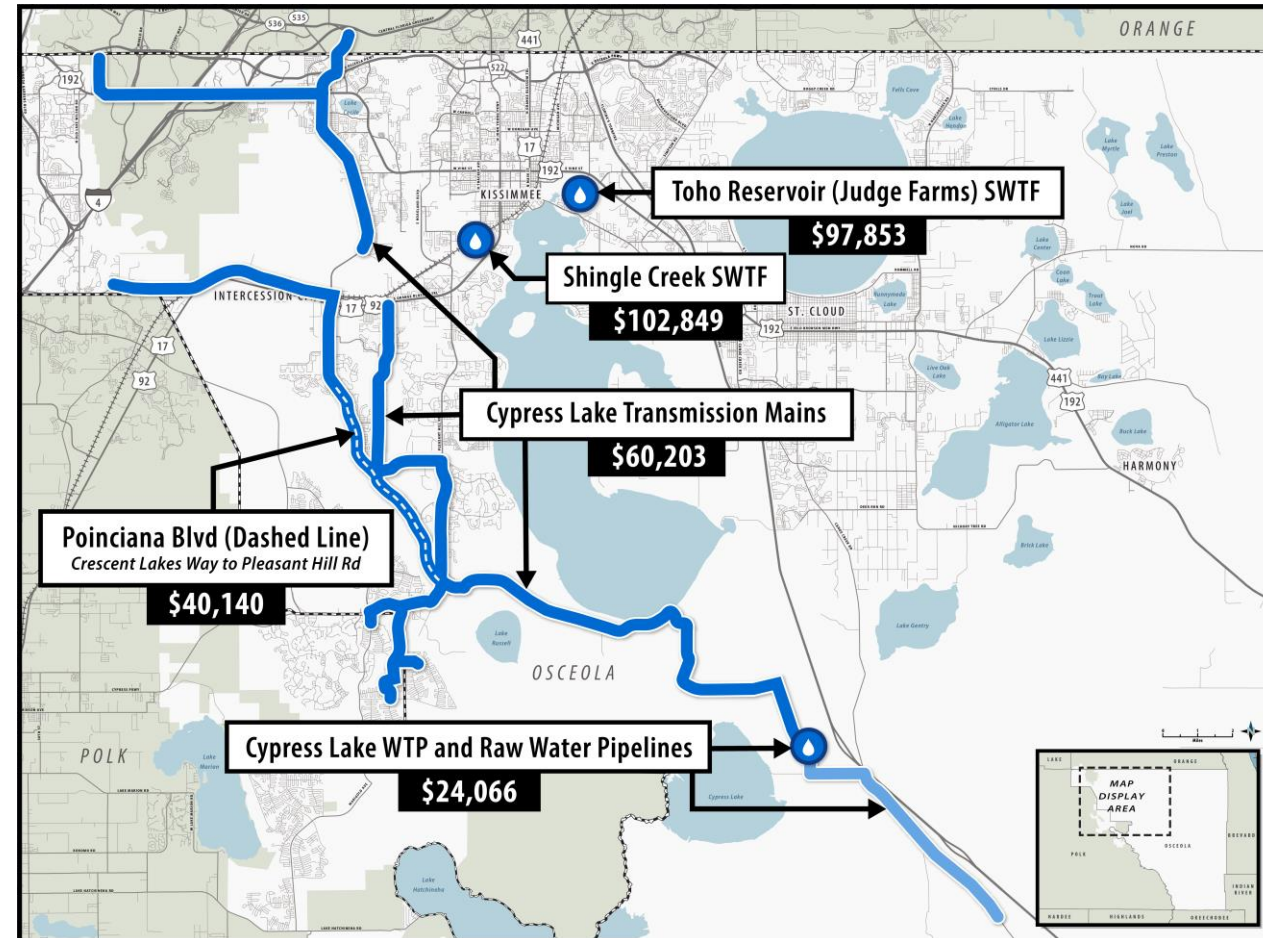
Alternative Water Supply (AWS)

Major Projects

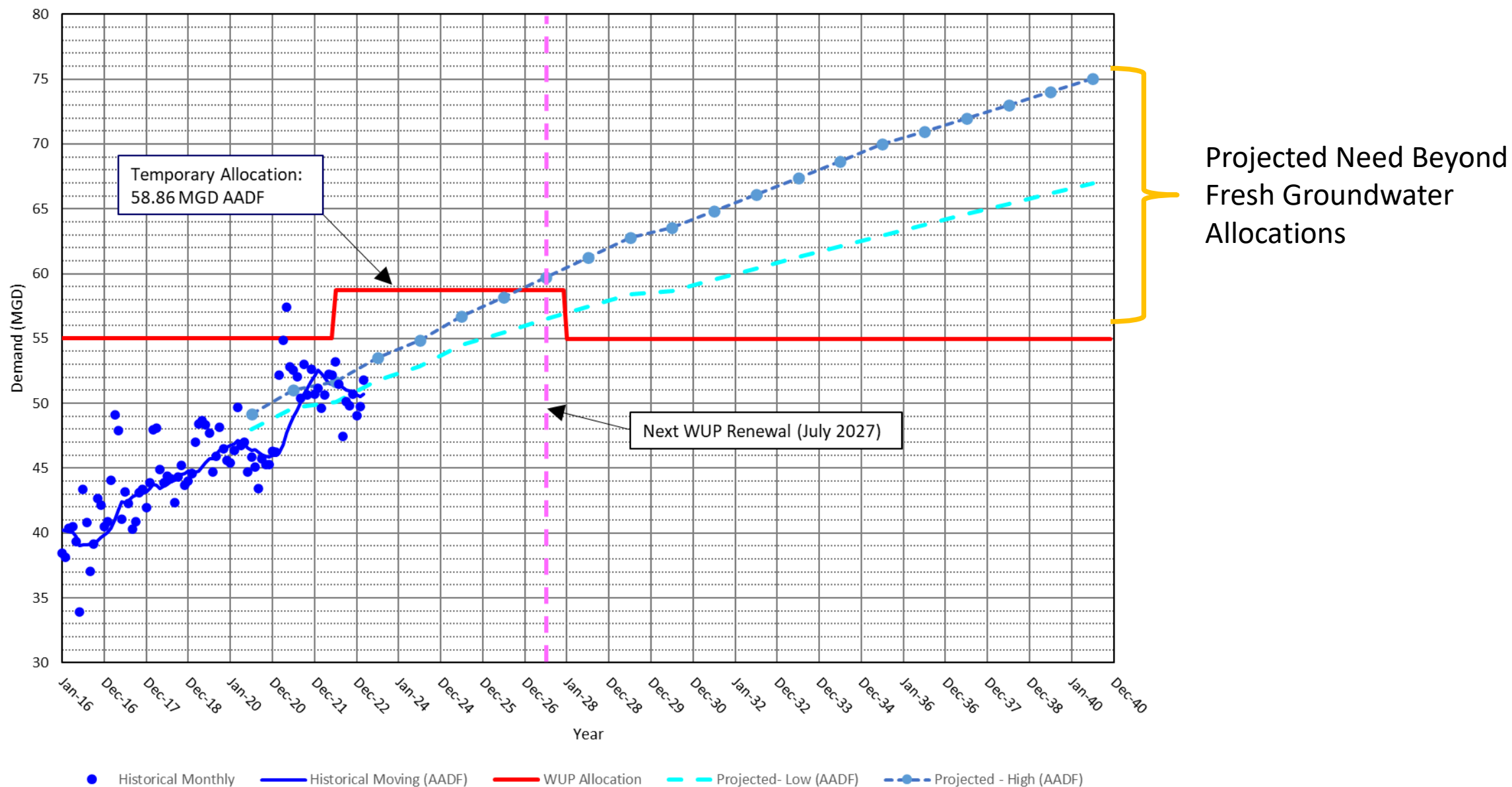
Total five-year forecasted investment:

\$342.4 million

Top 5 projects represent **99%** of investment over forecast period



Water Demand Projections Versus Water Supply Options



Pursuing Multiple Supply Strategies

Supply Sources

New AWS Supplies

Toho Reservoir
Shingle Creek
Cypress Lake Wellfield
TCR/SJR Project
160-Acre Site

WUP Strategies

Substitution Credits
Aquifer Recharge/ Impact
Offset Credits

Wholesale Agreements

CFTOD

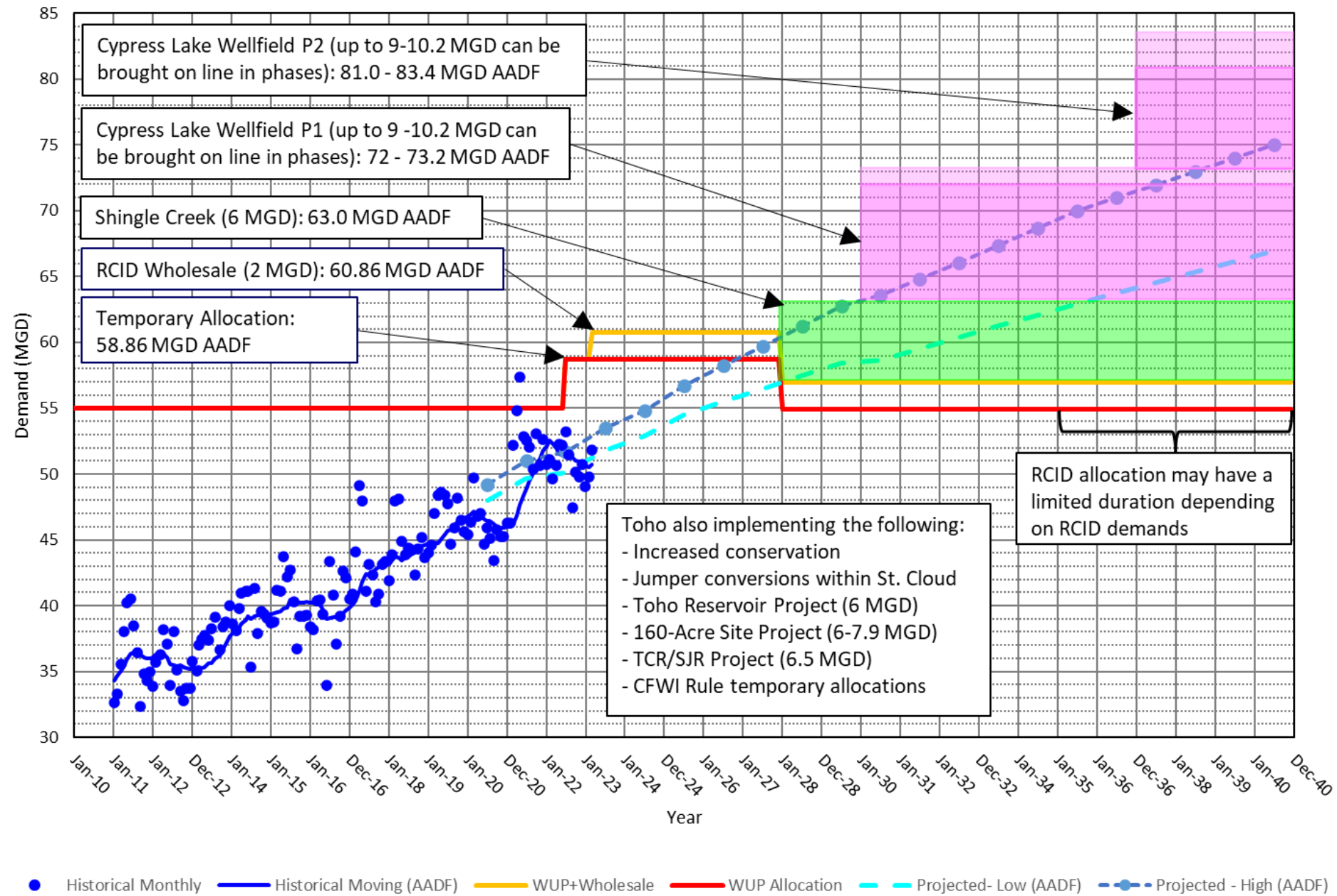
Planning Partnerships

WCCF
STOPR Group
ECFS
Sunterra Communities

Water Demand Reductions

Enhance TEP/ Conservation
Practices
Refined Irrigation Schedule
Enforcement
Potable Water Conversions
to Reuse

Meeting Future Supply Needs



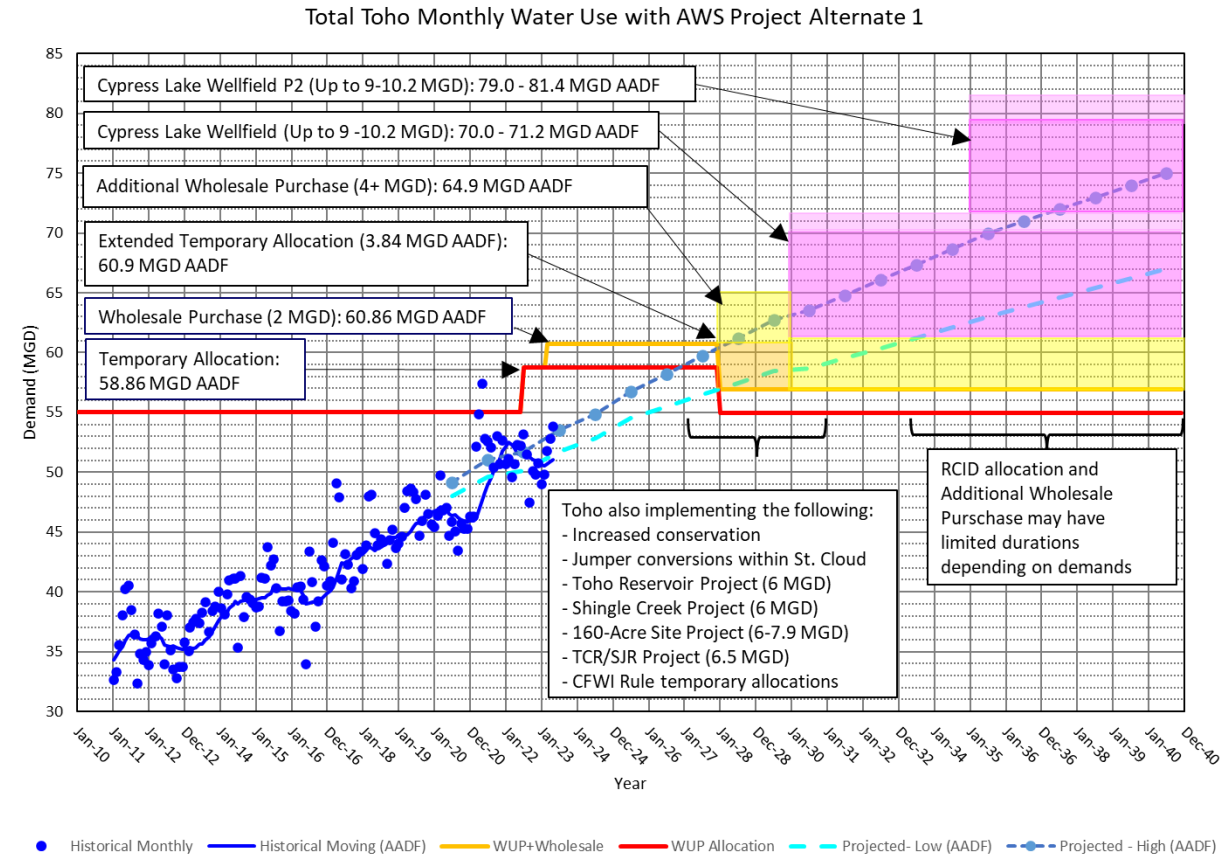
Evaluating Cost-Saving AWS Project Alternatives

- Alternative project combinations being evaluated due to:

- Reduce costs – capital and operating
- Uncertainty in growth/demand projections
- Source reliability and quality
- Blending and mixing water sources
- Emerging contaminants of concern (e.g., PFAS)
- Public perception/acceptance of new sources/projects

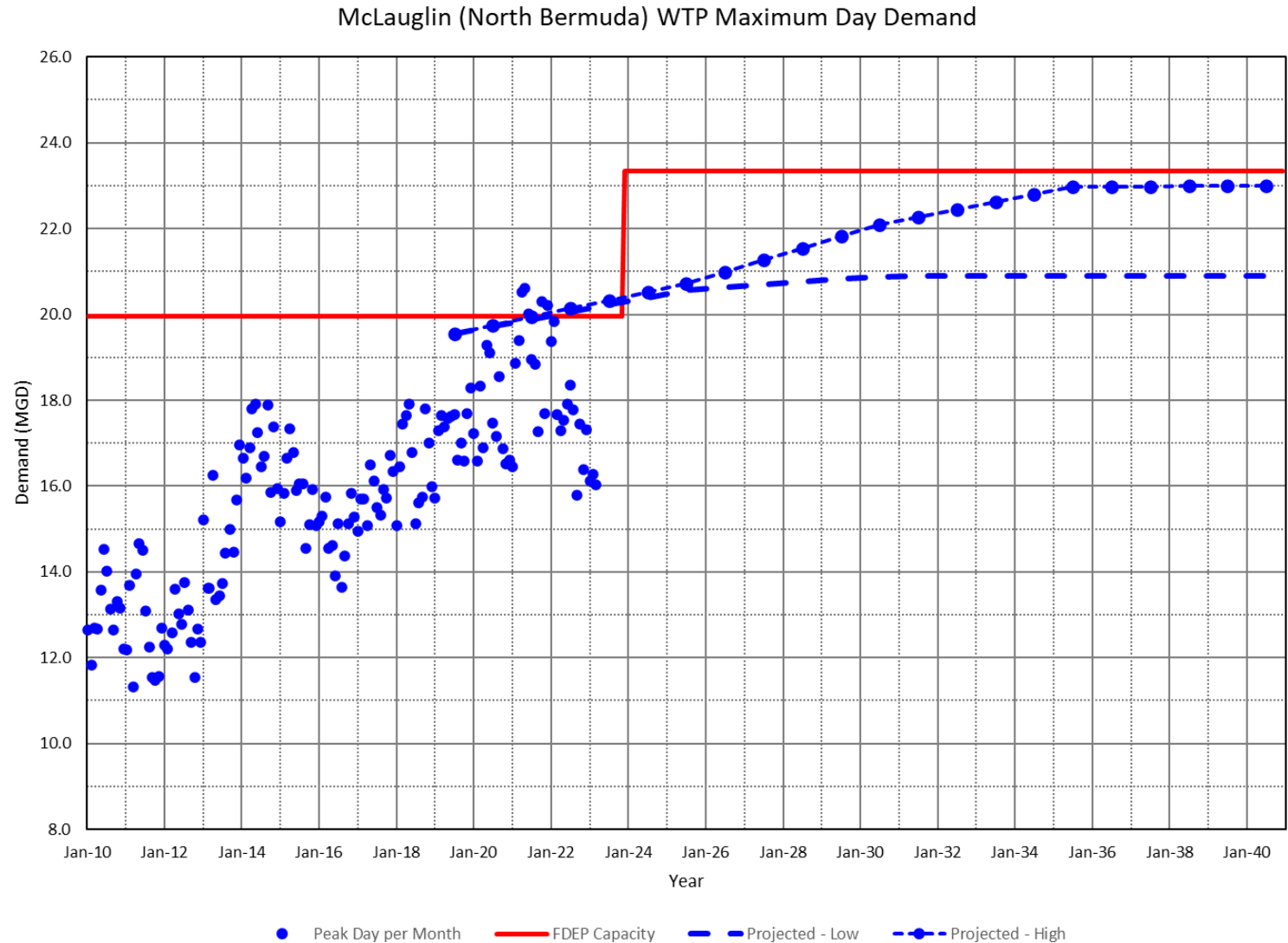
- Option to postpone Shingle Creek Potable without accelerating Cypress Lake

- Develop wholesale water supply contracts with adjacent utilities
- Work with SFWMD to extend temporary WUP allocation as needed
- Could reduce FY'24-'28 CIP by up to \$100M
- Continue with Shingle Creek project design until option validated



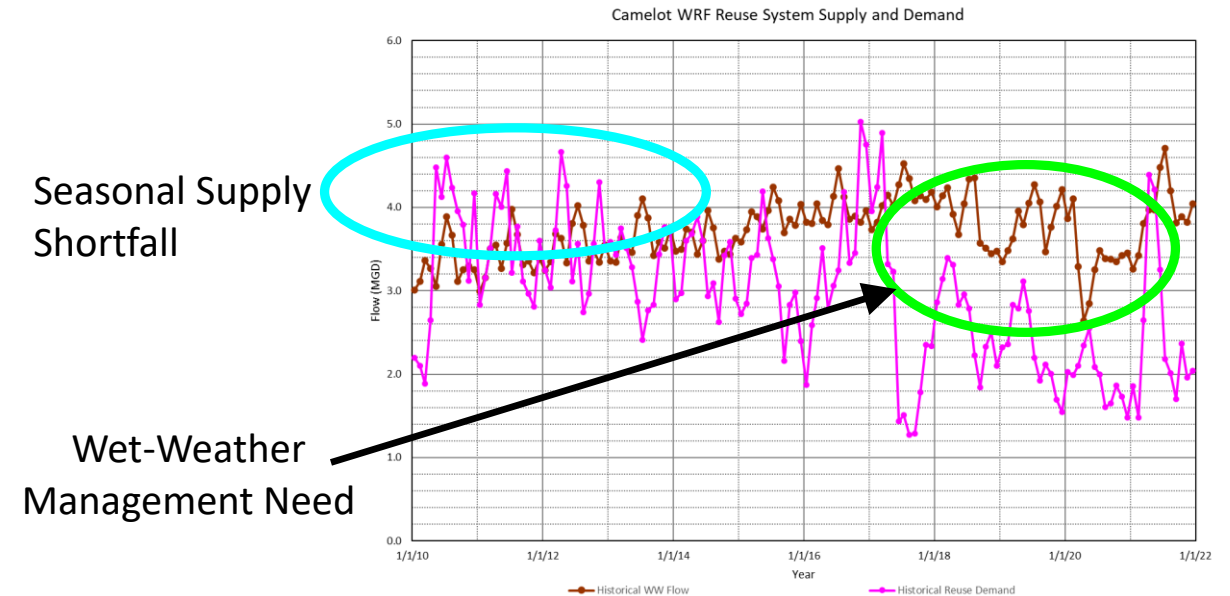
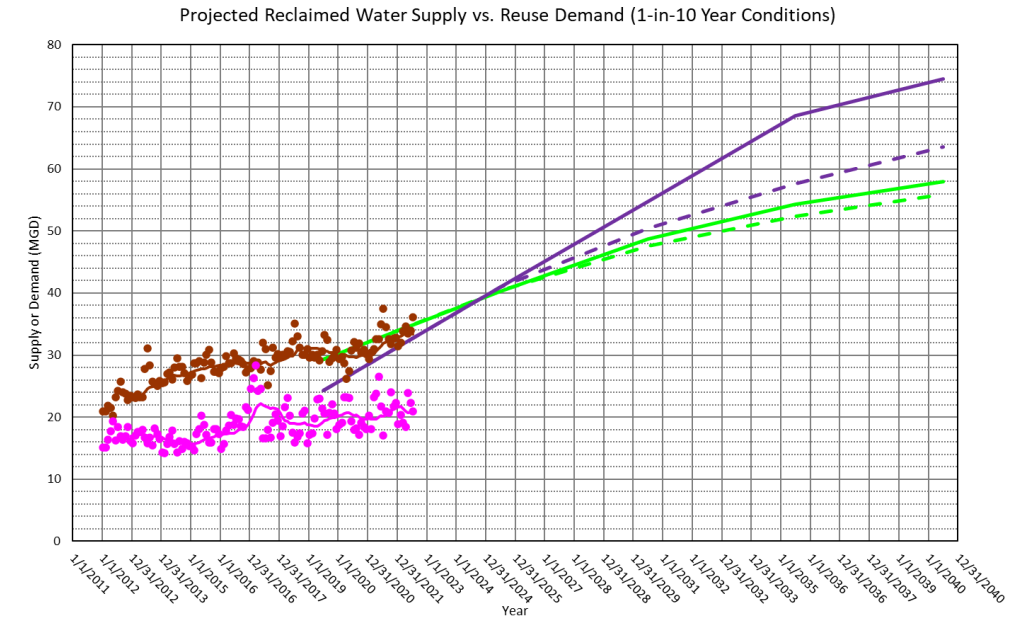
Also Tracking Peak Day Demands for WTP Expansion Planning

- WTP permits based on maximum day demand (supply based on average)
- Currently evaluating permit capacity expansion at R. McLaughlin WTP
- Recent/pending expansions also at:
 - Camelot West WTP
 - Huron WTP
 - Peabody WTP
 - Parkway WTP
 - Sunbridge WTP
 - Harmony WTP
- Approaching FDEP regarding implementing flexible system-wide permit capacity



Seasonal/Climatic Variability Critical to Reuse Planning

- Wet and dry conditions need considered to assure a complete water balance
- Supplemental supplies (Demand > Supply):
 - Toho Reservoir
 - 160-acre site
 - TCR/SJR Project
 - Stormwater supplies
- Wet-weather management (Supply > Demand)
 - Aquifer recharge such as RIBs or injection
 - Creates impact offsets for additional supply
 - Completes water balance



New Approach

- Maximize system integration w/St. Cloud
- WUP Modifications
- Multiple AWS projects
- Implement supply interconnections w/regional partners
- Obtain grant funding for critical projects and add'l WIFIA loans

Challenges Ahead

- Scheduling & timing of project execution
- Financial challenges – large costly projects and inflation

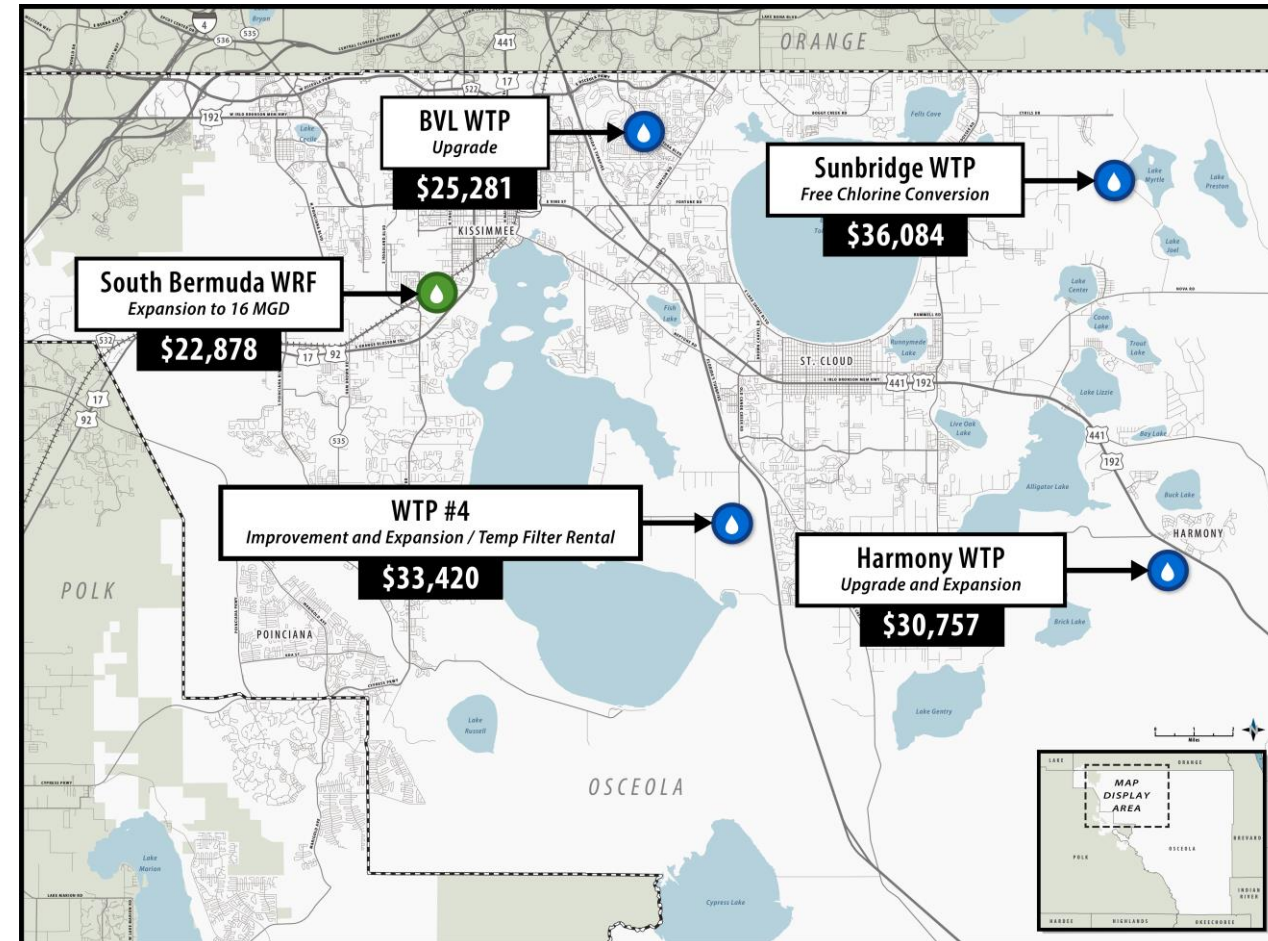


Plant Reinvestment Major Projects

Total five-year forecasted investment:

\$336.8 million

Top 5 projects represent **44.1%** of investment
over forecast period



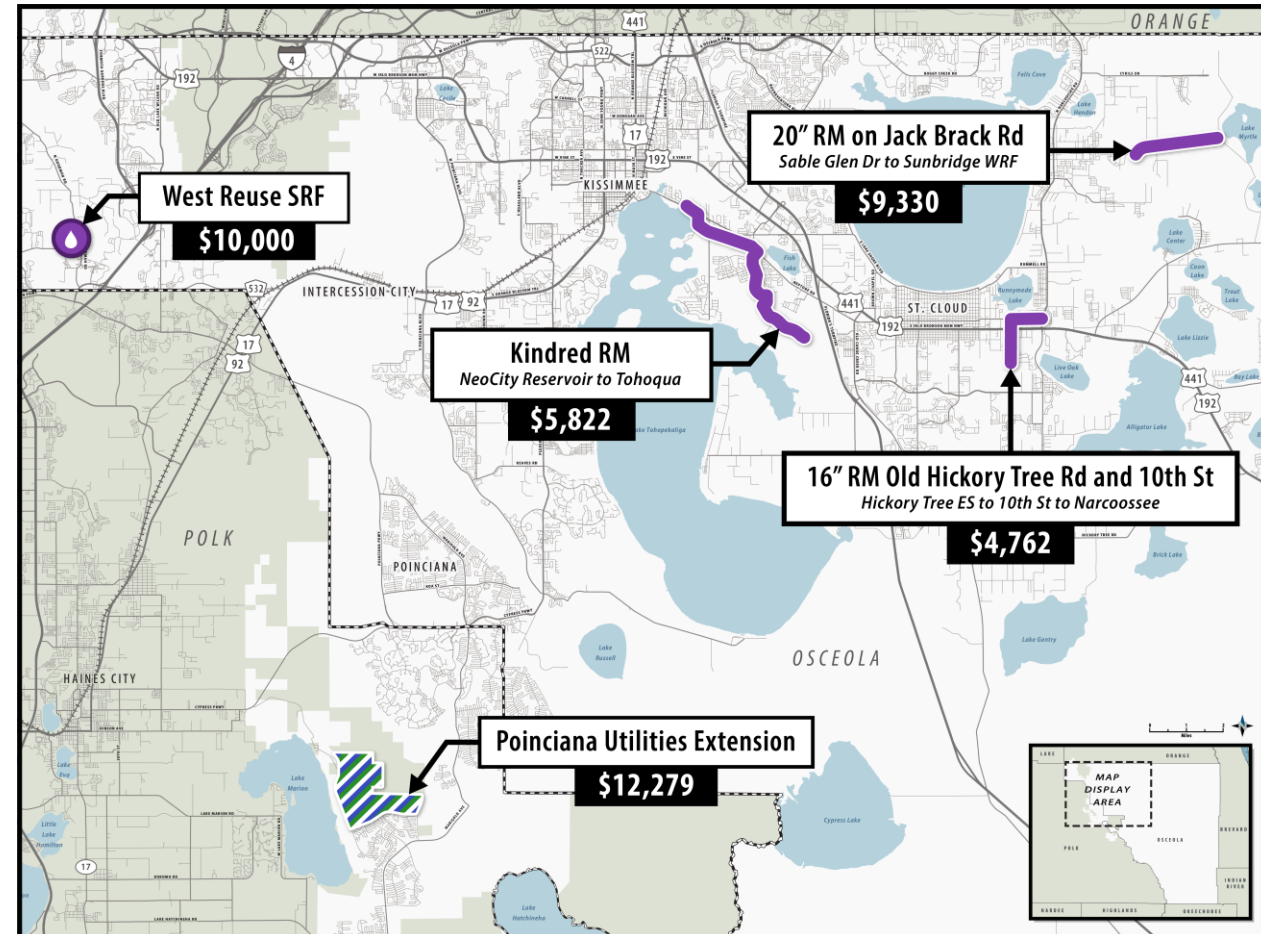
Line Improvements & Extensions

Major Projects

Total five-year forecasted investment:

\$103.8 million

Top 5 projects represent **40.6%** of investment over forecast period



Road Projects

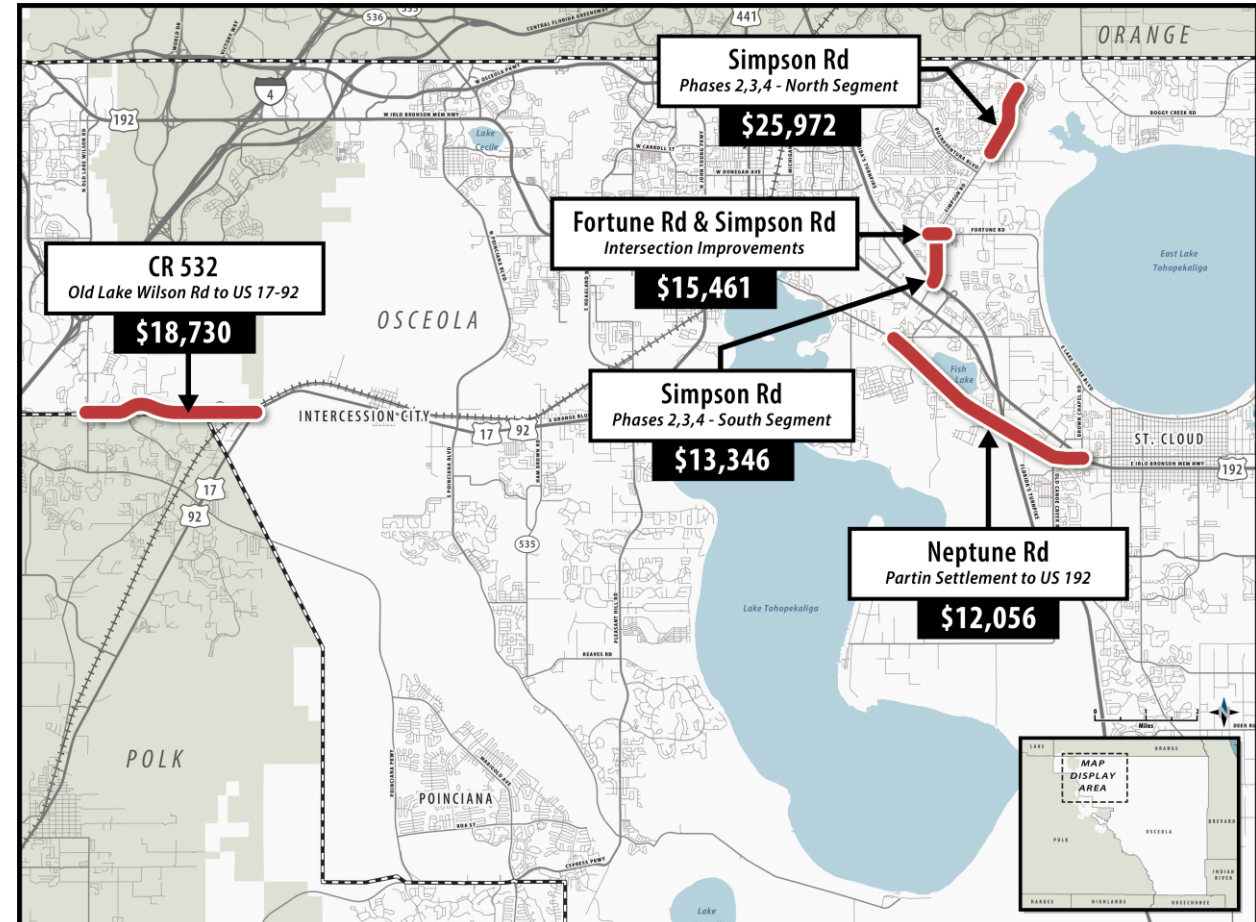
Major Projects

Total five-year forecasted investment:

\$107.8 million

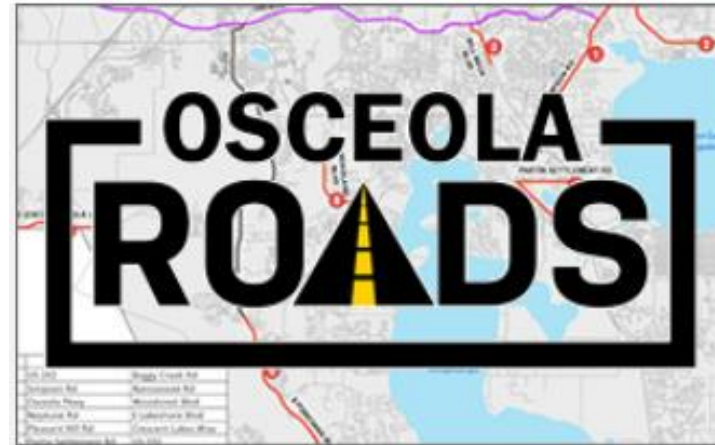
Top 5 projects represent **79.3%** of investment over forecast period

Capital road projects continue to increased proportionately with state, county, and city growth.



Osceola County Road Projects

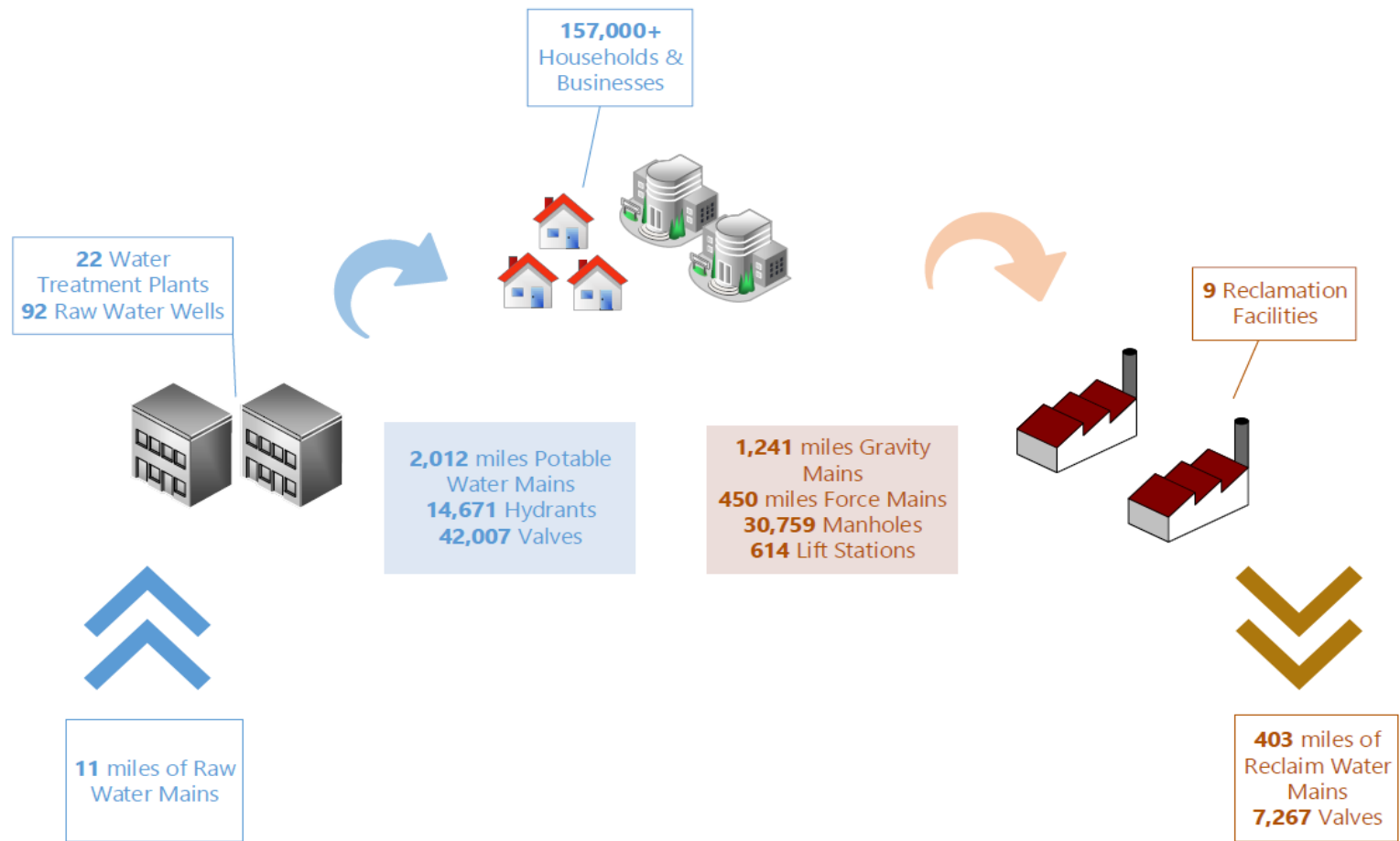
- Refinanced bonds for road capital investments for approx \$200 million dollars
 - Advance design and construction of five key roadways
 - Access to State & Federal grants of \$67 million
 - Collected \$35.6 million in mobility fees dedicated to road improvements
- Priority is to relieve congestion, reduce accidents, and cost feasibility



Source: <https://www.osceola.org/osceola-roads/>

Asset Management Program

Major Projects



Total five-year forecasted investment:

\$163.9 million

Top 5 projects (including WIFIA projects) represent **83.4%** of investment over forecast period

Project Name	\$ (millions)
I/I Rehab - All Service Areas	79.6
WIFIA - Acc GS Rehab Prgm	26.1
Facilities MP Implementation	13.1
Lift Station Rehab - All Service Areas	12.1
Poinciana Vlg 2 Nbrhd 1 WM Repl	5.8

FY24 Capital Outlay, Technology & AMI Infrastructure, & Fleet Overview

Capital Outlay Items

\$55.2 Million

(includes replacement meters, service parts, machines, materials, and various equipment)

New and Replacement Fleet Vehicles

\$20.7 Million

(replacement schedule criteria based on age, mileage, and costs of maintenance)

Technology & AMI Infrastructure

\$44.5 Million

(includes replacement meters, service parts, machines, materials, and various equipment)

Total five-year forecasted investment – New and Replacement Operating Equipment & Maintenance:

\$120.3 million

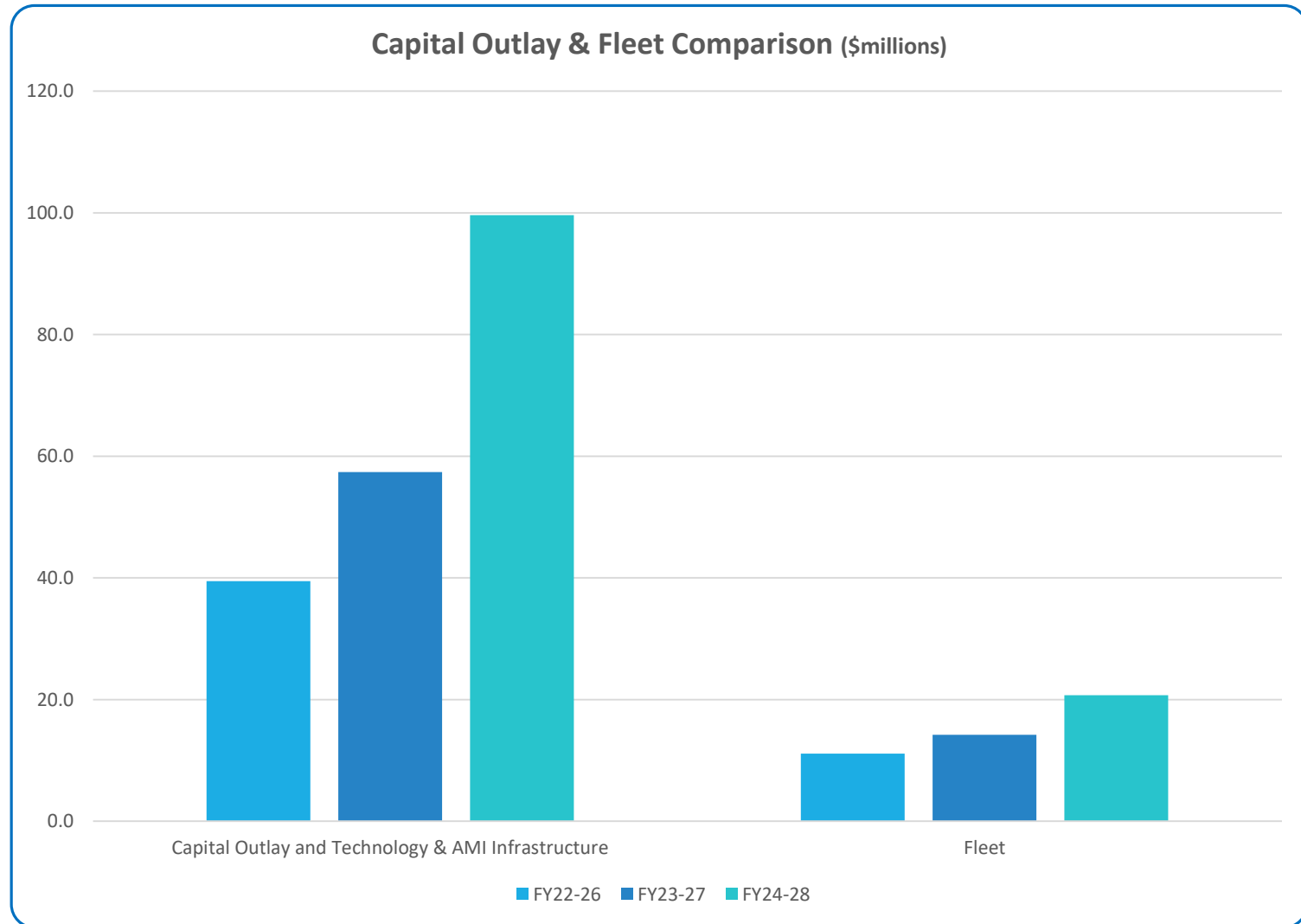
Top 5 projects represent **70.3%** of investment over the five-year forecast period.

Project Name	\$ (millions)
New & Replacement Meters and MTUs	39.8
Cross Connection Control Backflow Units	20.5
Organizational Vehicles	20.7
Radio Transmission Units (RTUs) including Spares	2.1
SCADA System Support	1.5

Toho Capital Outlay and Fleet FY24-28

FY24-28 cost increases based on growth, inflation, and continued integration with St. Cloud:

- New and replacement meter and MTUs
- Cross Connection Control Backflow Units
- SCADA system equipment and components



Total Capital Investment Program Overview

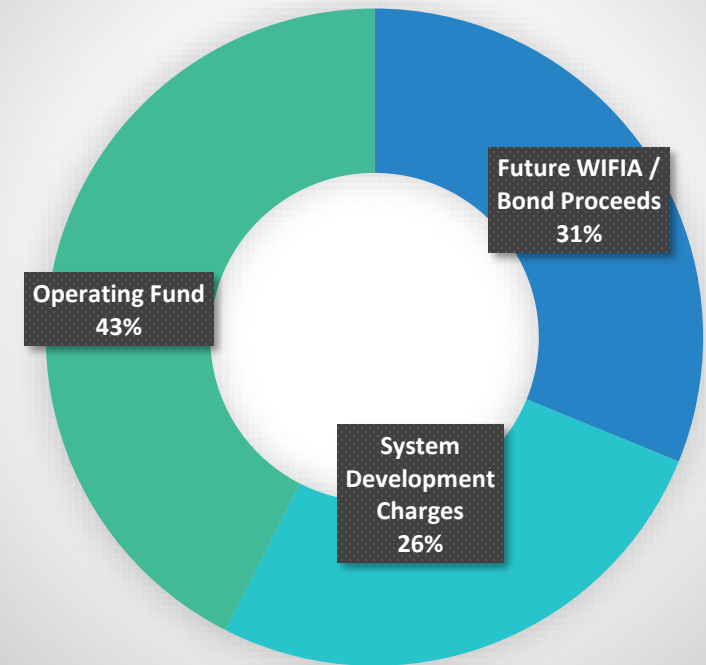
➤ Total five-year capital expenditures forecast - \$964.7million (FY24-FY28);

- Operating Fund
- System Development Fund
- WIFIA Loan
- Bond reserves & proceeds

Sources of Funding (in 000's)						
Fund Source	FY2024	FY2025	FY2026	FY2027	FY2028	Total
Operating (New & R&R)	\$78,442	\$87,033	\$96,076	\$78,699	\$69,742	\$409,993
System Development	73,190	87,774	39,756	18,219	35,022	253,961
Future WIFIA/Bond Proceeds	68,942	94,975	83,918	52,923	0	300,759
Total	\$220,574	\$269,782	\$219,750	\$149,841	\$104,764	\$964,711

Based on a capital execution rate starting at 75% in FY 23 increasing to 100% by FY 26

Sources of Funds



Capital Improvement Plan Update

PRELIMINARY REVIEW OF STAFFING REQUEST

Staffing Levels and Forecast FY23 – FY24 (FTEs)

This is a preliminary review of the staffing level adjustments requested by department for the upcoming budget year.

Departments	2023	2024	Total
Operations	276.0	12.0	288.0
Assets & Infrastructure	64.0	0.0	64.0
Stakeholder Services	183.0	16.0	199.0
Financial Services	19.0	1.0	21.0
Administration	3.0	0.0	2.0
Communications	3.0	1.0	4.0
Human Resources	23.0	4.0	27.0
Office of the General Counsel	5.0	0.0	5.0
Total	576.0	34.0	610.0

Note: does not include organizational changes as a result of the June board meeting.

Staffing Positions Under Review for FY2024 (FTEs)

- Total of **34.0** additional FTEs for FY2024
- Certain Operations & Customer Service positions will be capitalized based on specific funded capital projects
- Various positions are intended to offset cost of existing contracts and professional services

Department Division	Position Title	FTE
Communications	Graphic Artist	1.0
Financial Services	Accounting Manager	1.0
Human Resources	Intern	3.0
Human Resources Records Management	Records & Imaging Supervisor	1.0
Operations Field Services	CCTV Reviewer	1.0
Operations Field Services	Utility Worker - Locates	1.0
Operations Field Services	Utility Worker - Valve Crew	4.0
Operations Support Services	Operations Analyst	1.0
Operations Water Treatment	Administrative Coordinator	1.0
Operations Water Treatment	Administrative Supervisor	1.0
Operations Water Treatment	Systems Mechanic/Operator Trainee	2.0
Operations Water Treatment	Treatment Operator C	1.0
Stakeholder Services Business & Environmental Services	Conservation Specialist	1.0
Stakeholder Services Business & Environmental Services	Laboratory Technician	1.0
Stakeholder Services Business & Environmental Services	Senior Procurement Analyst	1.0
Stakeholder Services Customer Service	Assistant Foreman	2.0
Stakeholder Services Customer Service	Billing Analyst	2.0
Stakeholder Services Customer Service	Customer Experience Representative	2.0
Stakeholder Services Customer Service	Service Technician	5.0
Stakeholder Services Information Technology	GIS Specialist/Developer	1.0
Stakeholder Services Information Technology	Hardware & Applications Support Specialist	1.0

FY24 Staffing Positions Planning

- *Timing:*
 - **20** positions anticipated fill by Q1/Q2
 - **14** positions anticipated fill by Q2/Q3
- *Strategic Planning:*
 - **4** positions for Adequate Water Supply
 - **19** positions for Growth
 - **11** positions for Operational Cost Offsets

Timing	Department Division	Position Title	Growth	Adequate Water Supply	Operating Cost Offset
Immediate (Q1/Q2)	Human Resources Records Management	Records & Imaging Supervisor			✓
	Operations Field Services	Utility Worker - Valve Crew			✓
	Operations Field Services	CCTV Reviewer	✓		
	Operations Support Services	Operations Analyst		✓	
	Operations Water Treatment	Administrative Coordinator	✓		
	Stakeholder Services Business & Environmental Services	Conservation Specialist		✓	
	Stakeholder Services Business & Environmental Services	Senior Procurement Analyst	✓		
	Stakeholder Services Customer Service	Assistant Foreman	✓		
	Stakeholder Services Customer Service	Billing Analyst	✓		
	Stakeholder Services Customer Service	Service Technician			✓
	Stakeholder Services Information Technology	Hardware & Applications Support Specialist	✓		
Mid-Year (Q2/Q3)	Communications	Graphic Artist			✓
	Financial Services	Accounting Manager	✓		
	Human Resources	Intern	✓		
	Operations Field Services	Utility Worker - Locates		✓	
	Operations Water Treatment	Systems Mechanic/Operator Trainee	✓		
	Operations Water Treatment	Administrative Supervisor	✓		
	Operations Water Treatment	Treatment Operator C	✓		
	Stakeholder Services Business & Environmental Services	Laboratory Technician	✓		
	Stakeholder Services Customer Service	Customer Experience Representative	✓		
	Stakeholder Services Information Technology	GIS Specialist/Developer	✓		

Preliminary Benchmark Findings

Utilities Benchmarked	Geographic Location	Governance Structure	Comparable Treatment Scale	5-Year Average CIP (Greater than \$100m)
Emerald Coast Utilities Authority (ECU)	X	X		
Pinellas County Utilities (Pinellas County)			X	X
Orange County Utilities (OCU)	X		X	X
Collier County Water-Sewer District (Collier)	X	X		X
Gainesville Regional Utilities (Gainesville)	X	X		
City of Tallahassee (Tallahassee)	X		X	X
Albuquerque Bernalillo County Water Utility Authority (ABCWUA)		X	X	
Mobile Area Water and Sewer System (MAWSS)		X		

Preliminary Key Benchmarking Observations

Operations

- Treatment Operations - Greatest need area compared to peers
- Field Operations is comparable to peers
- Some uncertainty regarding assignment area of staff

Engineering Services

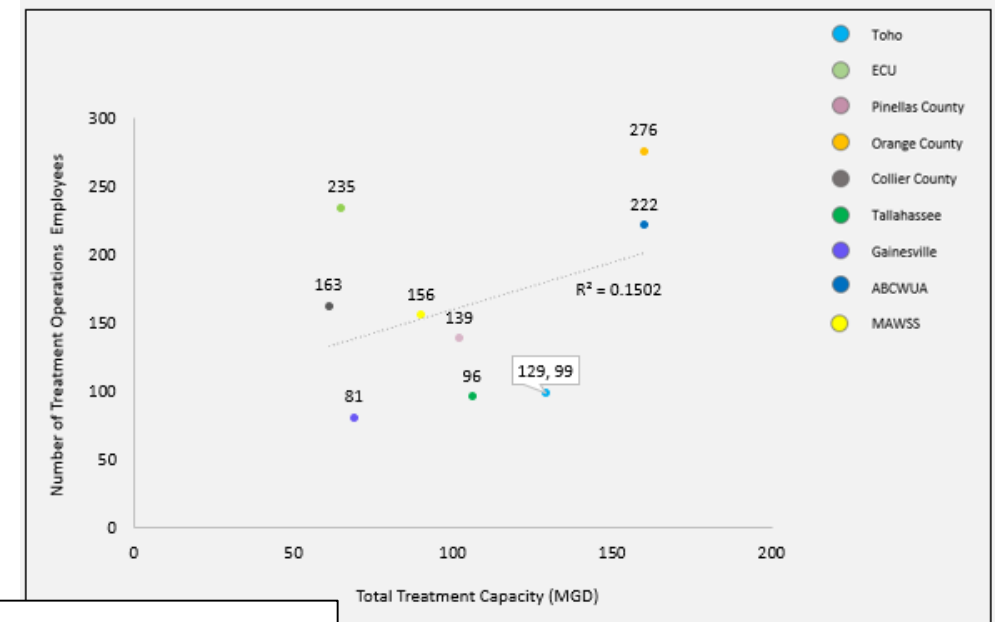
- Staffing levels slightly lower than peers
- Key issue is vacancy challenges

IT – Separate targeted study

- Vacancy challenges
- Rising needs associated with technology and security

Financial Services

- Staffing levels below peers



Utility	TO FTE	TO Capacity (MGD)	TO FTE/MGD	Staffing Relative to Toho	
Toho	125	129	0.97		
ECU	235	65	3.61	273%	Higher
PCU	139	102	1.36	41%	Higher
OCU	276	160	1.73	78%	Higher
Collier	163	61	2.67	176%	Higher
GRU	81	69	1.17	21%	Higher
Tall.	96	106	0.91	-7%	Lower
ABQ	222	160	1.39	43%	Higher
MAWSS	156	90	1.73	79%	Higher
Average				88%	Higher

Capital Improvement Plan Update

REVENUE SUFFICIENCY ANALYSIS



Revenue Sufficiency Analysis



Key Planning Considerations

Capital Budget Execution

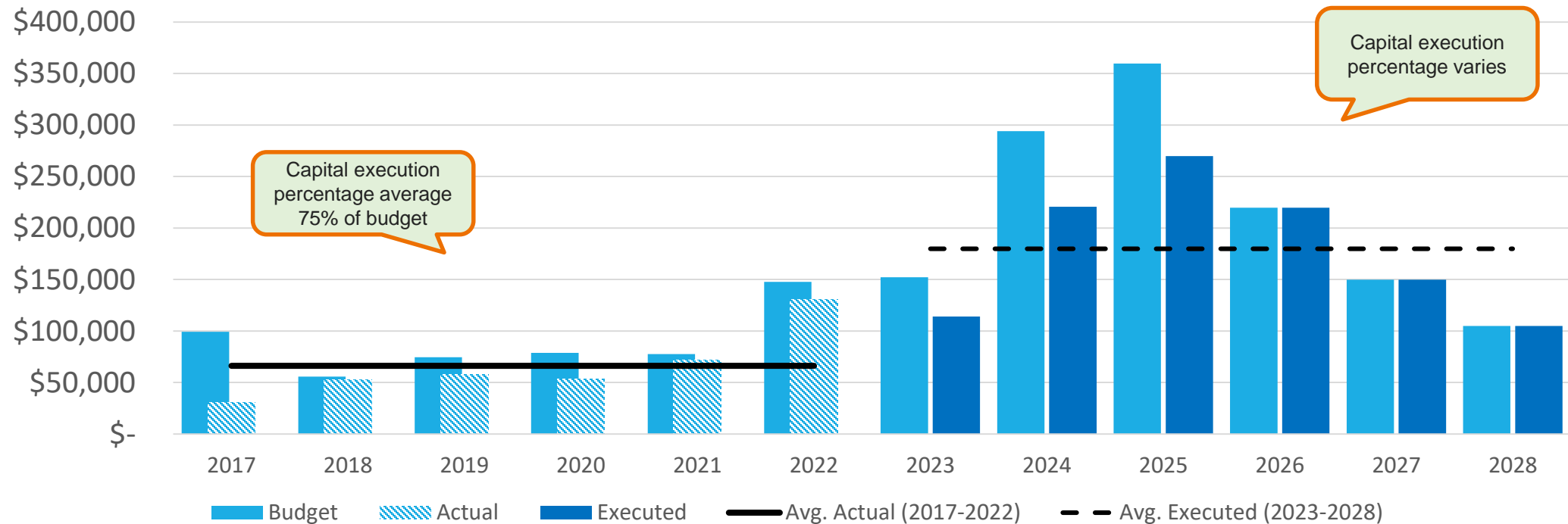
- Baseline Forecast

Fiscal Year	FY 23	FY 24	FY 25	FY 26	FY 27	FY 28
Execution %	75%	75%	75%	100%	100%	100%

Other Factors

- Days Cash on Hand
- Debt Service Coverage Ratios
- System Development Charge Revenues

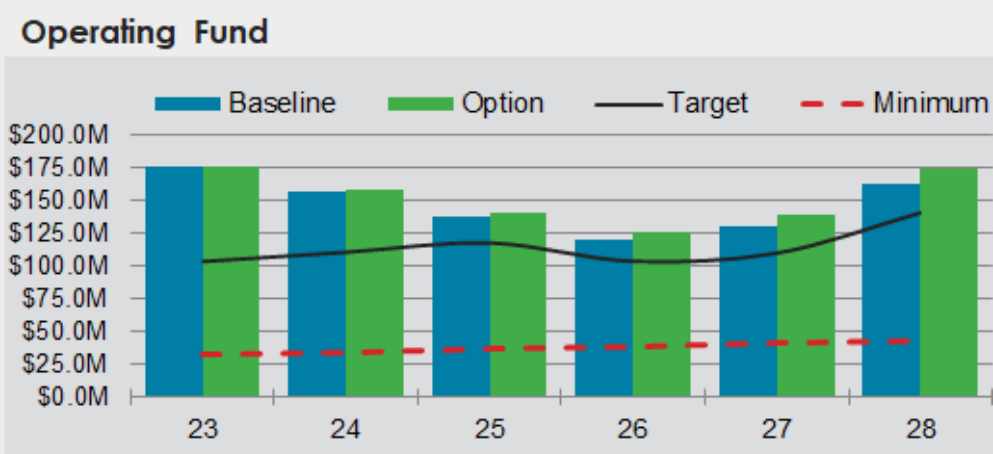
Capital Spending (000's)



*FY 2022 includes St. Cloud capital expenditures

Rate Plan Options

	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028
Water Rate Plan Baseline	4.00%	4.00%	5.00%	5.00%	5.00%	5.00%
Water Rate Plan Option	4.00%	5.00%	5.00%	5.00%	5.00%	5.00%
Sewer Rate Plan Baseline	4.00%	4.00%	5.00%	5.00%	5.00%	5.00%
Sewer Rate Plan Option	4.00%	5.00%	5.00%	5.00%	5.00%	5.00%
Reclaimed Rate Plan Baseline	12.70%	12.00%	15.50%	11.50%	11.00%	11.00%
Reclaimed Rate Plan Option	12.70%	14.00%	15.50%	11.50%	11.00%	11.00%
All-In DSC with PILOT	3.37	3.04	3.22	3.66	3.82	4.15
Option	3.37	3.12	3.31	3.76	3.91	4.26
Days Cash on Hand	616	514	424	349	357	424
Option	616	519	435	367	381	453
Total Residential Bill	\$46.38	\$48.21	\$50.64	\$53.15	\$55.80	\$58.59
Option	\$46.38	\$48.70	\$51.13	\$53.69	\$56.37	\$59.20



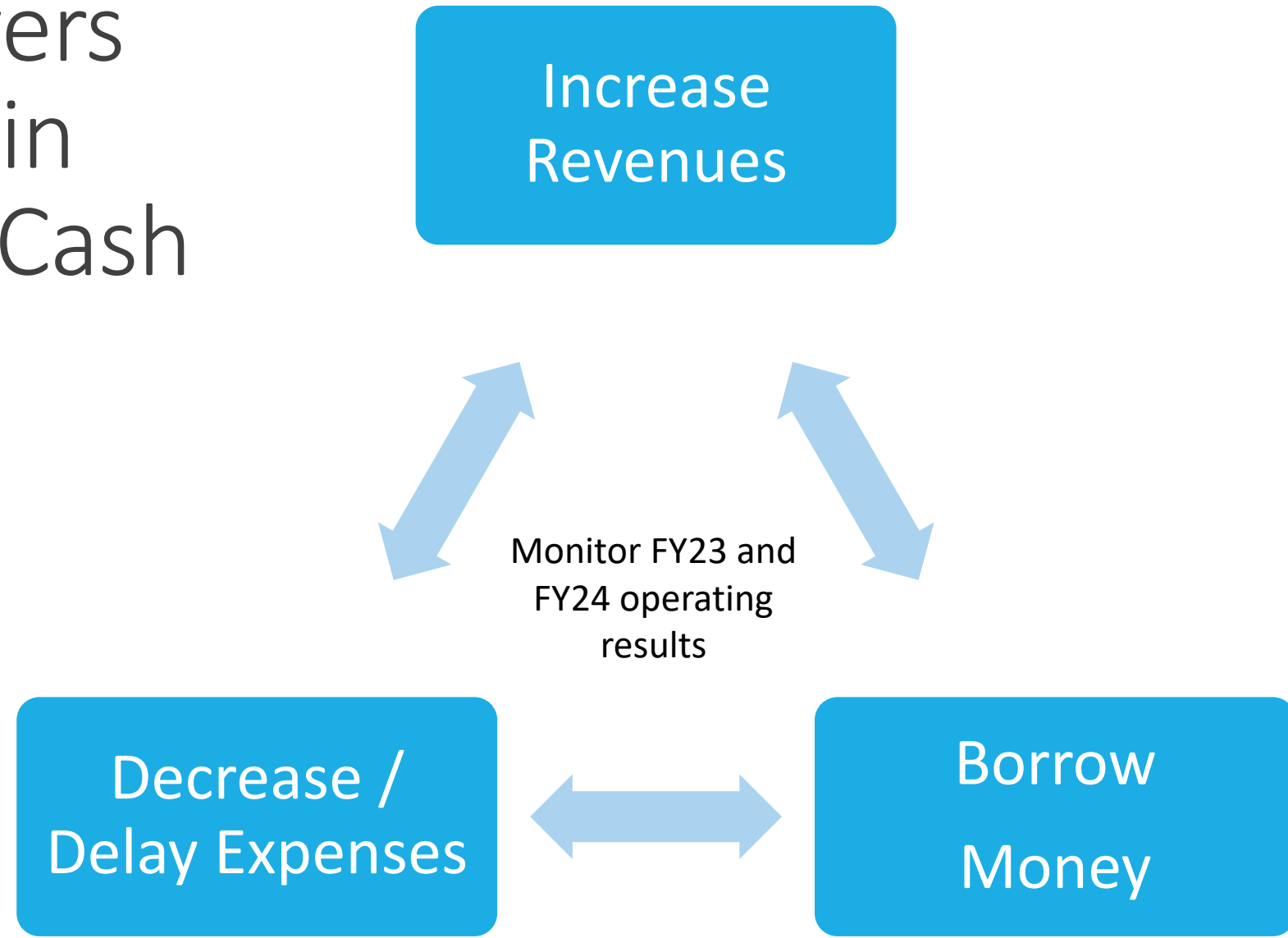
Baseline: Days Cash on Hand reduced to 10 months

Option: Maintains 12-month reserve

Baseline: 4% FY24; 5% FY25-28

Option: 5% FY24-28

Other Levers to Maintain 365 Days Cash On Hand



FY 2024 Considerations for Rate Option

Scenario	Options – 5% Increase FY24 / Accelerated 5% Increase for FY25
Inflationary cost increases	Improved fund balance for unexpected inflationary increases
Regulatory requirements	Improved fund balance for unexpected requirements
Customer bill impacts	Higher cumulative bills could impact residents
Project execution	More flexibility if project needs, timing or execution rate increases
Customer growth	Provides added to some reduction in customer growth
Rate Revenue	Increase from \$195.8M to \$197.4M = \$1.6M in FY24

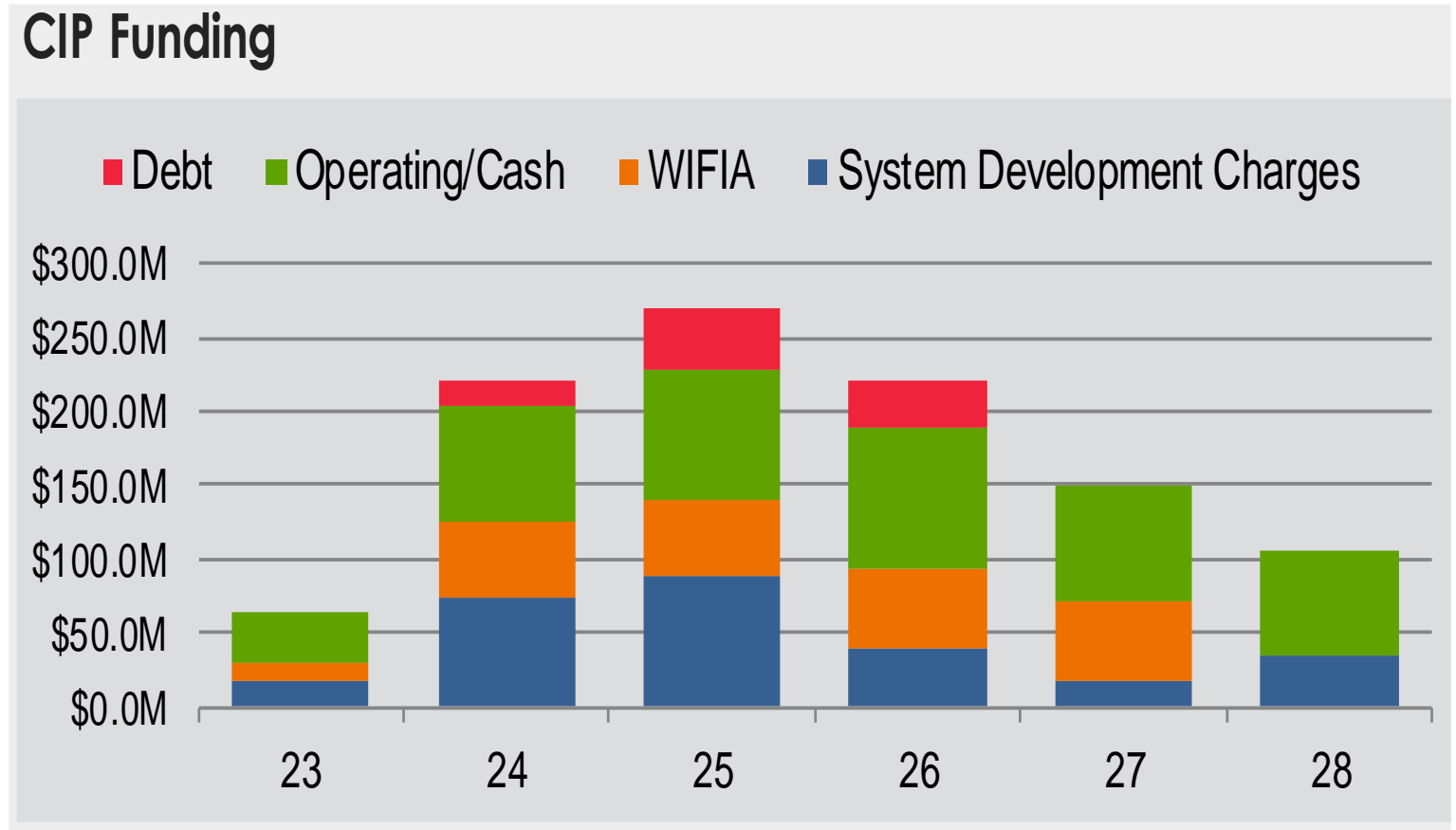
Rate Discussion / Direction

CIP Funding Assumptions

Current Borrowing Assumptions:

- WIFIA – \$211M
- Bond proceeds – \$89M
- Total – \$300M

Baseline / Option have
consistent borrowing assumptions



Next Steps

Strategic Plan

- Board approved
- Implementation process underway

Capital Improvement Plan

Workshop

- July 19

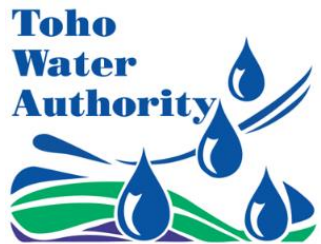
Operating Budget Workshop

- August 23

Adopt Budget and Rate Resolutions

- September 2023

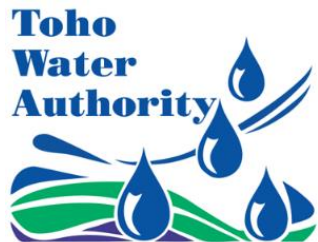
Questions



Toho Water Authority

Operating Budget Submittal

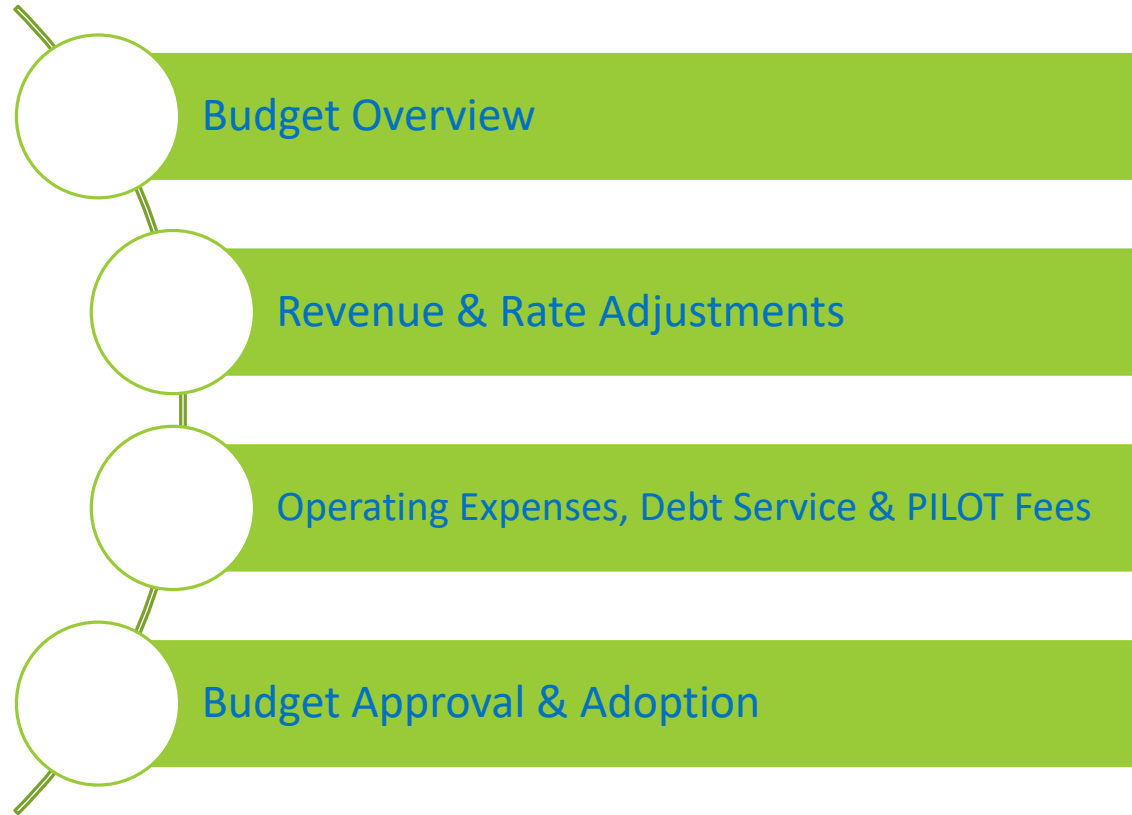
FY2024 Workshop



AGENDA

The Operating Budget process begins in February when department managers prepare budget documents to submit their preliminary requests to division directors. The managers use a zero-based budgeting method in which each budgeted expense line item is justified by an explanation. These requests take into account routine operating costs, personnel changes, and previously unidentified issues.

Major capital purchases and projects as well as new personnel requests are identified and presented to the Board during the capital budget workshop and are reintroduced in the proposed Annual Operating Budget for consideration by the Board.



Board Action Items

Guidance and concurrence

- Projected Revenues
- Personnel Budget
- Operating & Maintenance Budget
- Sponsorship Allocation

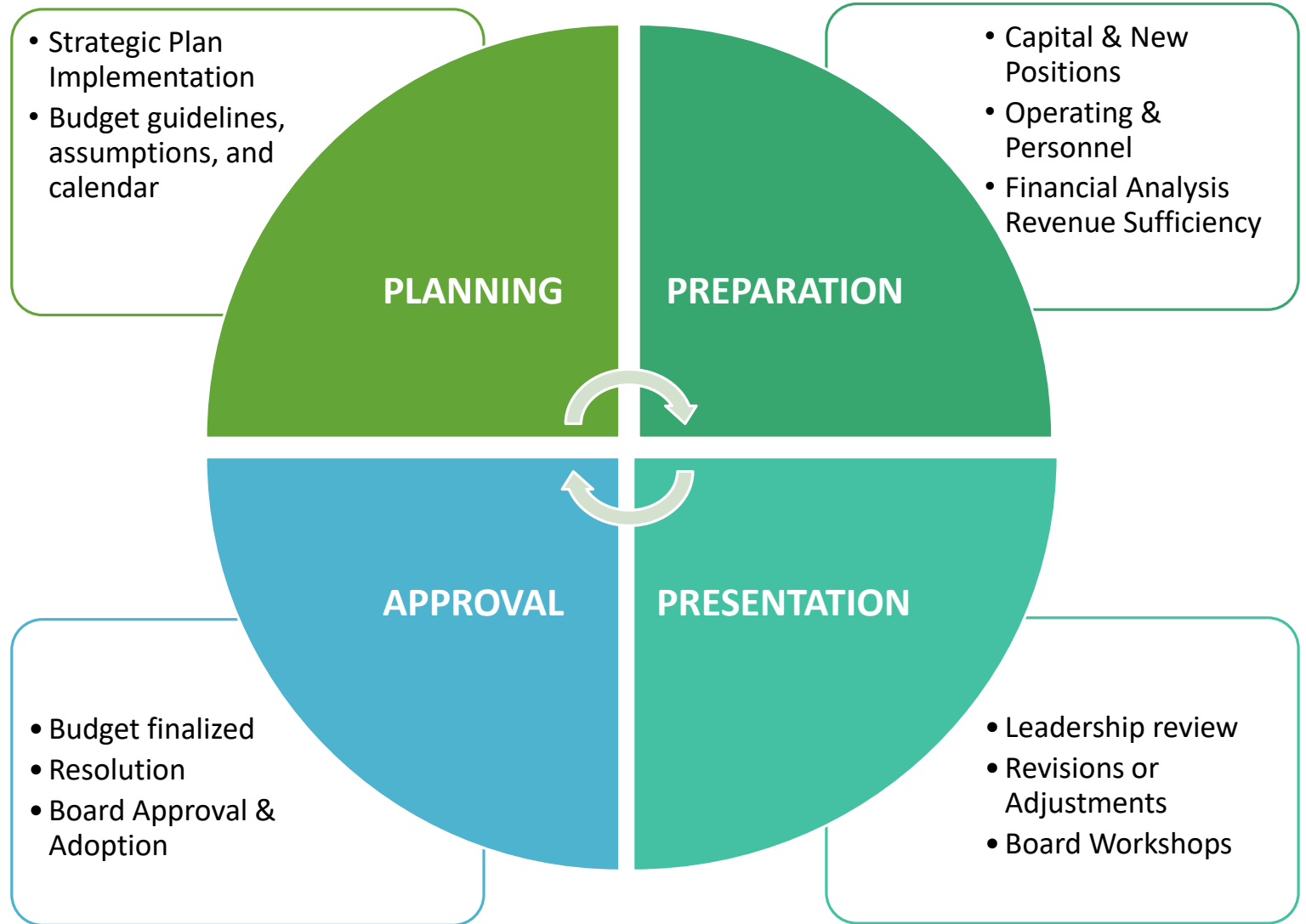
Approval & Adoption

Subsequent to action items, will incorporate changes into the budget resolution for adoption at next Board meeting September 20, 2023

Operating Budget Submittal

BUDGET OVERVIEW

Budget Process



2024 Annual Budget Summary

	Request
Operating Revenue	\$ 217,218
Personnel and Operating Expenses	113,181
Net available for debt service	104,037
Debt Service	18,412
<i>Debt Service Coverage (5.08x in 2023 Budget)</i>	5.65x
PILOT (Payments in Lieu of Taxes) Fees	17,992
(COK \$9.6M/County \$4.6M/STC \$3.7M)	
Renewal & Replacement Transfer	20,297
<i>Debt Service Coverage, after required transfers (2.96x in 2023 Budget)</i>	3.57x
Net Revenues after Debt Service & Transfers	\$ 47,336

Operating Budget Priorities

- Ongoing economic growth and uncertainty
 - Implications of potential recession and growth slowdown
 - Overall inflation
- Ongoing delivery of asset and master planning efforts
- Maintaining quality of service
- Associated cost impacts with legislative and regulatory requirements
 - CFWI water supply limitations and conservation requirements
 - Biosolids rule
 - Water quality rule (focus on asset management and SSOs)
 - Basin management action plans
 - PFAS regulations



Operating Budget Submittal

REVENUE & RATE ADJUSTMENTS

Toho Operating Revenues– 5% Rate Adjustment

■ Toho Total Request: \$217M

- Up by \$19.9M or 10.1% from FY23 Estimate
- Up by \$21.7M or 11.1% from FY23 Budget

■ Drivers:

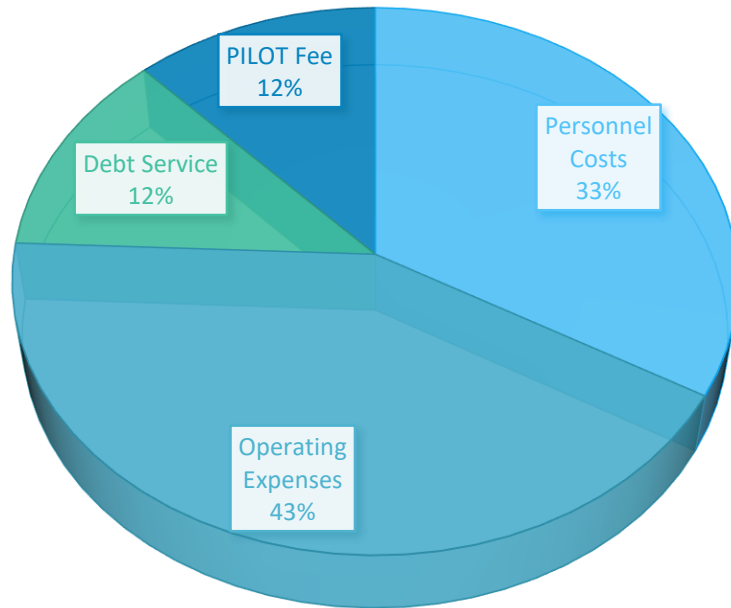
- Implementation of 5-year rate plan
- Anticipated continued growth

Water Sales
Wastewater Sales
Reclaimed Water Sales
Other Operating Revenues
Tap Fees
Miscellaneous Revenues
Investment Income

Total

2024 Request	2023 Estimate			2023 Budget		
	Total	\$ Change	% Change	Total	\$ Change	% Change
57,443	52,139	5,304	10.2%	54,074	3,369	6.2%
117,288	107,770	9,518	8.8%	107,352	9,936	9.3%
25,852	21,997	3,855	17.5%	19,263	6,589	34.2%
5,252	5,185	67	1.3%	5,135	117	2.3%
4,518	4,501	17	0.4%	5,344	(826)	-15.5%
2,422	2,202	220	10.0%	2,232	190	8.5%
4,443	3,484	959	27.5%	2,100	2,343	111.6%
217,218	197,278	19,940	10.1%	195,500	21,718	11.1%

Projected 2024 Revenue Requirement

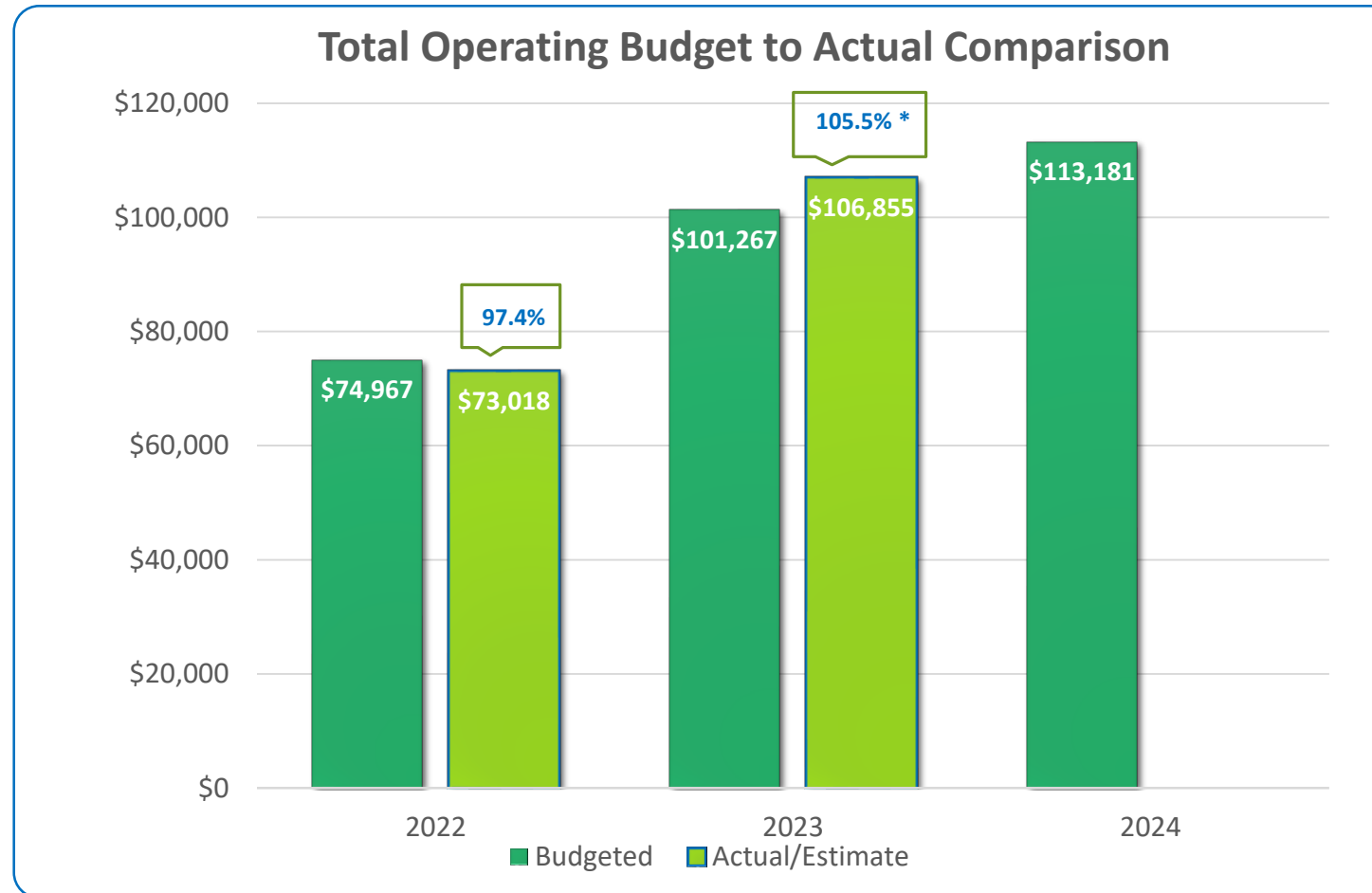


Personnel Costs	\$49,772
Operating Expenses	63,409
Total Expenses	\$113,181
Debt Service	18,412
PILOT Fee	17,992

Operating Budget Submittal

OPERATING EXPENSES, DEBT SERVICE, & PILOT FEE

Operating Expense Comparison to Budget



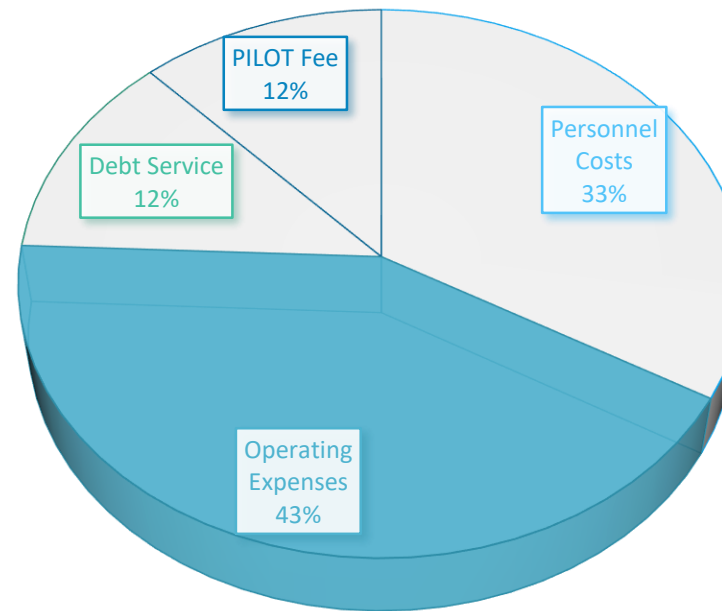
**Year over year increase from FY22 to FY23 is primarily due to the St. Cloud transition; FY23 estimate reduced to reflect anticipated capitalization of other maintenance and contracted services costs.*

**2024
Request**

\$63,409

Proposed Non Personnel Operating Budget *(in thousands)*

Non-Personnel Operating Budget

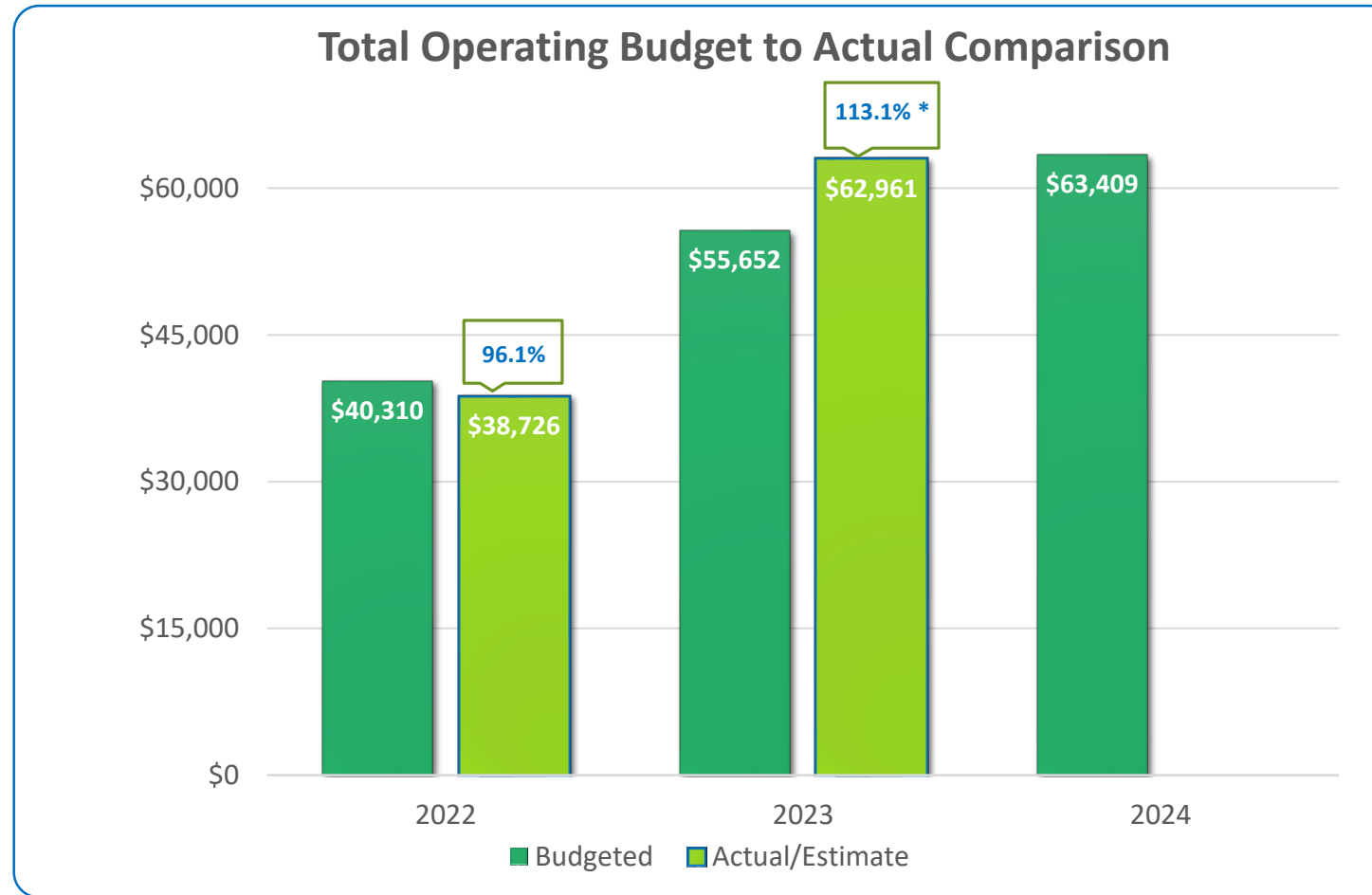


Toho Operating Expenses – Request to Estimate/Budget

- Up \$448k or 0.7% over FY23 Estimate
- Up \$7.8M or 13.9% over FY23 Budget
- FY24 Budget aligns with FY23 Estimate; closer to forecasted spend
- Estimate \$2M Contract Services and Other Maintenance costs reclassified to capital
- Chemical Supplies impacted due to WTP#4 and inflation

	2024	2023 Estimate			2023 Budget		
	Request	Total	\$ Change	% Change	Total	\$ Change	% Change
Contracted Services	15,352	15,467	(115)	-0.7%	14,321	1,031	7.2%
Other Maintenance	13,096	13,913	(817)	-5.9%	10,062	3,034	30.2%
Utilities	11,686	11,129	557	5.0%	10,398	1,288	12.4%
Other Operating Costs	7,507	7,150	357	5.0%	7,120	387	5.4%
Other Supplies	4,840	4,610	230	5.0%	4,835	5	0.1%
Chemical Supplies	7,379	7,027	352	5.0%	5,624	1,755	31.2%
Auto Maintenance	1,564	1,829	(265)	-14.5%	1,327	237	17.9%
Gas & Oil	1,360	1,295	65	5.0%	1,259	101	8.0%
Travel & Training	625	541	84	15.5%	706	(81)	-11.5%
Total	63,409	62,961	448	0.7%	55,652	7,757	13.9%

Operating and Maintenance Comparison to Budget



**Year over year increase from FY22 to FY23 is primarily due to the St. Cloud transition*

Toho Operating Expenses – Contracted Services

Up \$1.0M or 7.2% over Budget

Down \$115k or (0.7%) from Estimate

Key Drivers:

- Cross connection backflow services
- Ongoing asset management planning
- Vendor price increases for various services such as testing, processing and disposal of biosolids
- Potential reclassification of professional services to capital
- Inflationary factors

	2024	2023 Estimate			2023 Budget		
	Request	Total	\$ Change	% Change	Total	\$ Change	% Change
Contracted Services	15,352	15,467	(115)	-0.7%	14,321	1,031	7.2%
Other Maintenance	13,096	13,913	(817)	-5.9%	10,062	3,034	30.2%
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Travel & Training	625	541	84	15.5%	706	(81)	-11.5%
Total	63,409	62,961	448	0.7%	55,652	7,757	13.9%

Toho Operating Expenses – Other Maintenance

Up \$3.0M or 30.2% over Budget
Down by \$817k or (5.9%) from Estimate

■ **Key Drivers:**

- Restoration, corrective maintenance, and line maintenance repairs
- Maintaining quality of service
- Inflationary factors

	2024	2023 Estimate			2023 Budget		
	Request	Total	\$ Change	% Change	Total	\$ Change	% Change
Contracted Services	15,352	15,467	(115)	-0.7%	14,321	1,031	7.2%
Other Maintenance	13,096	13,913	(817)	-5.9%	10,062	3,034	30.2%
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Auto Maintenance	1,564	1,829	(265)	-14.5%	1,327	237	17.9%
Gas & Oil	1,360	1,295	65	5.0%	1,259	101	8.0%
Travel & Training	625	541	84	15.5%	706	(81)	-11.5%
Total	63,409	62,961	448	0.7%	55,652	7,757	13.9%

Toho Operating Expenses – Chemicals

Up \$1.8M or 31.2% over Budget

Up \$352k or 5% over Estimate

■ Key Drivers:

- Chemicals: expected to carry additional \$5M over FY24 & FY25 until WTP#4 is completed.
- Additional inflationary factors will impact costs; FY26 costs will levelize

	2024	2023 Estimate			2023 Budget		
	Request	Total	\$ Change	% Change	Total	\$ Change	% Change
Contracted Services	15,352	15,467	(115)	-0.7%	14,321	1,031	7.2%
Other Maintenance	13,096	13,913	(817)	-5.9%	10,062	3,034	30.2%
Utilities	11,686	11,129	557	5.0%	10,398	1,288	12.4%
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Other Supplies	4,840	4,610	230	5.0%	4,835	5	0.1%
Chemical Supplies	7,379	7,027	352	5.0%	5,624	1,755	31.2%
Auto Maintenance	1,564	1,829	(265)	-14.5%	1,327	237	17.9%
Gas & Oil	1,360	1,295	65	5.0%	1,259	101	8.0%
Travel & Training	625	541	84	15.5%	706	(81)	-11.5%
Total	63,409	62,961	448	0.7%	55,652	7,757	13.9%

Toho Operating Expenses – Other Operating Costs & Supplies

Up \$392k or 3.3% over Budget

Up \$587k or 4.9% over Estimate

■ Key Drivers:

- Software expenses increased based on renewal schedule
- Increases to equipment and MOT rentals
- Inflationary factors

	2024	2023 Estimate			2023 Budget		
	Request	Total	\$ Change	% Change	Total	\$ Change	% Change
Contracted Services	15,352	15,467	(115)	-0.7%	14,321	1,031	7.2%
Other Maintenance	13,096	13,913	(817)	-5.9%	10,062	3,034	30.2%
Utilities	11,686	11,129	557	5.0%	10,398	1,288	12.4%
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Other Supplies	4,840	4,610	230	5.0%	4,835	5	0.1%
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Travel & Training	625	541	84	15.5%	706	(81)	-11.5%
Total	63,409	62,961	448	0.7%	55,652	7,757	13.9%

Toho Operating Expenses – Utilities, Auto Maintenance, and Gas & Oil

Up \$3.4M or 18.2% over Budget

Up \$709k or 3.3% over Estimate

■ Key Drivers:

- Compliance drivers associated with expanded infrastructure
- Inflationary increases over current spend

	2024	2023 Estimate			2023 Budget		
	Request	Total	\$ Change	% Change	Total	\$ Change	% Change
Contracted Services	15,352	15,467	(115)	-0.7%	14,321	1,031	7.2%
Other Maintenance	13,096	13,913	(817)	-5.9%	10,062	3,034	30.2%
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Travel & Training	625	541	84	15.5%	706	(81)	-11.5%
Total	63,409	62,961	448	0.7%	55,652	7,757	13.9%

Toho Operating Expenses – Travel & Training

Down \$81k or (11.5%) from Budget

Up \$84k or 15.5% over Estimate

■ Key Drivers:

- Budgeted FY24 travel and training costs targeted between FY23 budget and FY23 estimate
- Support of leadership/supervisory development program

	2024	2023 Estimate			2023 Budget		
	Request	Total	\$ Change	% Change	Total	\$ Change	% Change
Contracted Services	15,352	15,467	(115)	-0.7%	14,321	1,031	7.2%
Other Maintenance	13,096	13,913	(817)	-5.9%	10,062	3,034	30.2%
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Travel & Training	625	541	84	15.5%	706	(81)	-11.5%
Total	63,409	62,961	448	0.7%	55,652	7,757	13.9%



Community Support & Sponsorships Budget Update FY24

Promotional Events & Sponsorships FY24 Request = \$170,000

- FY23 Budget \$188,000
- \$1/per water account plus surplus vehicle allocation
- Budget request excludes funding for events such as job/recruitment fairs, workshops, or receptions

Toho Assistance Program (TAP) FY24 Request = \$170,000 (*\$50k in matching funds*)

- FY23 Budget \$150,000
- Disbursements through July 31st = \$86,040

Note: Direct Government Partner Funding separated from this sponsorship budget for FY24.

Promotional Events & Sponsorships

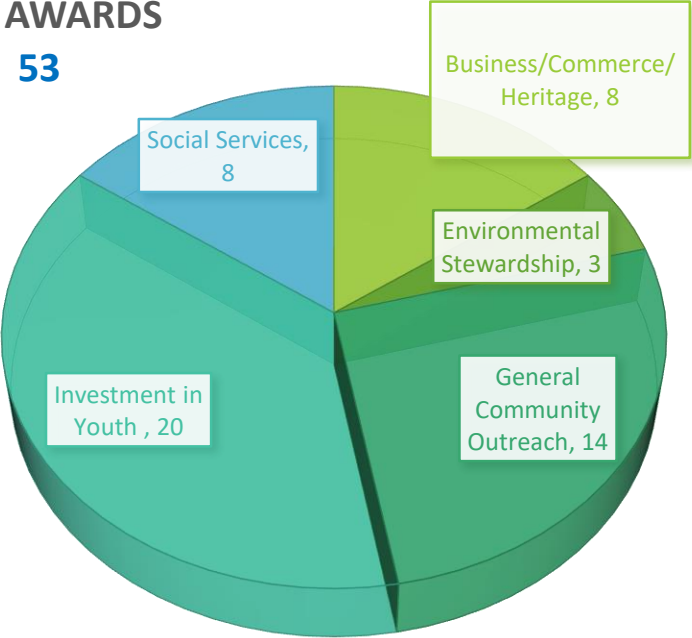
Fiscal Year	Sponsorship Budget	Actual YTD*
2023	\$188k	\$150.8k
2024	\$170k	-

Toho Assistance Program (TAP)

Fiscal Year	Annual Budget	Actual YTD
2023	\$150k	\$86.0k
2024	\$170k	-

**Through July 31, 2023*

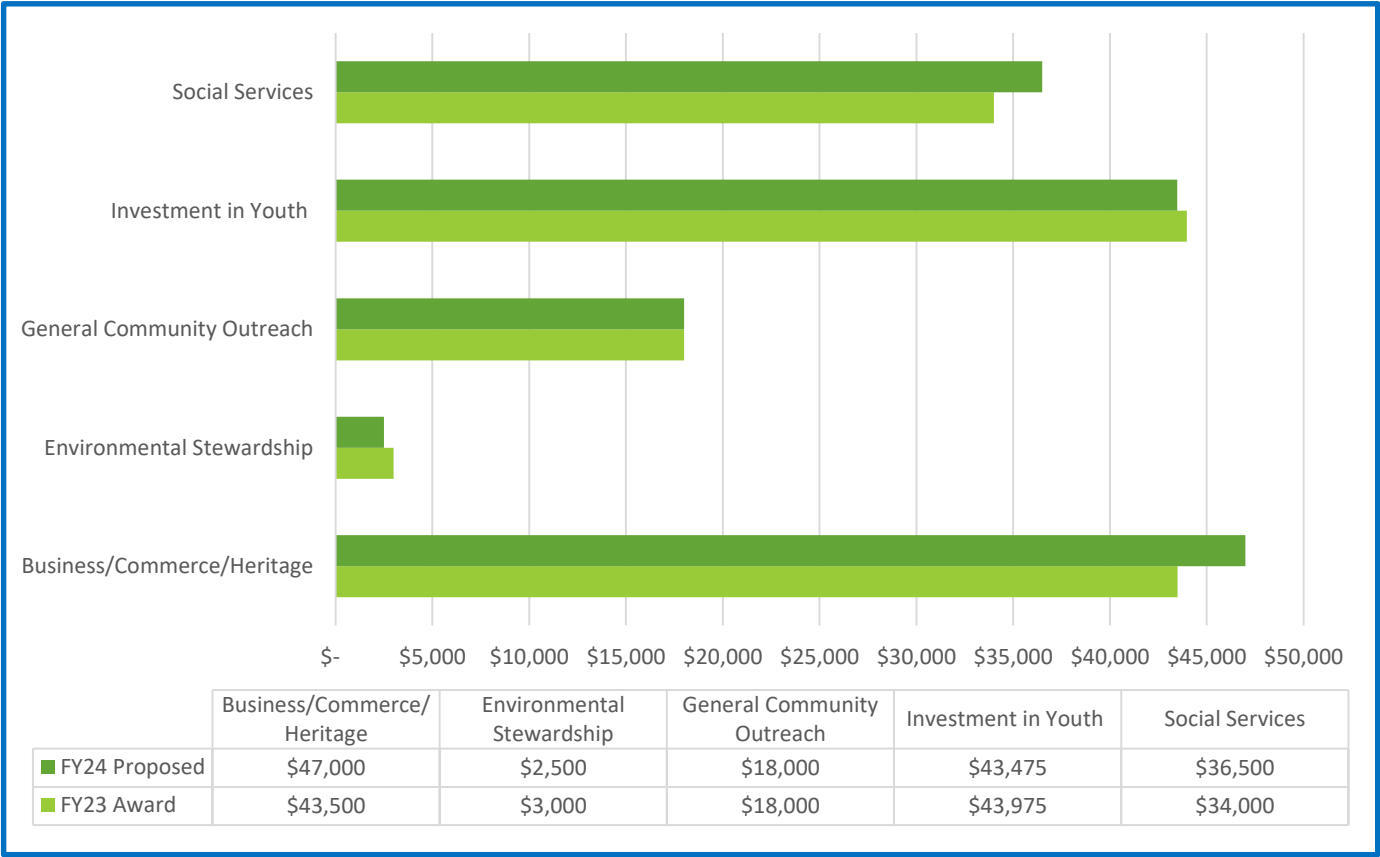
OF AWARDS
53



Total Proposed Sponsorships:
\$147,475

- Organization Sponsorships
 - Past: **41**
 - New : **12**
- Organization Partnership Support:
 - Osceola County (\$1,500)
 - City of Kissimmee (\$5,000)
 - City of St. Cloud (\$15,000)

FY24 Community Support & Sponsorships Discussion

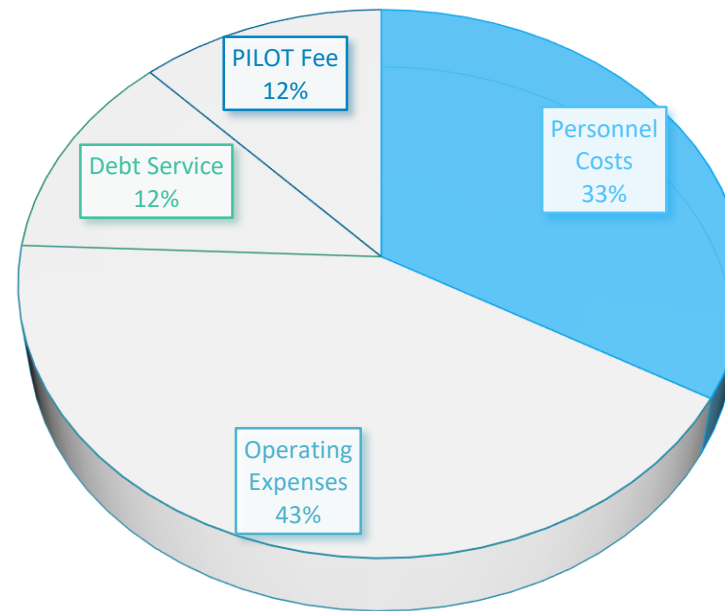


**2024
Request**

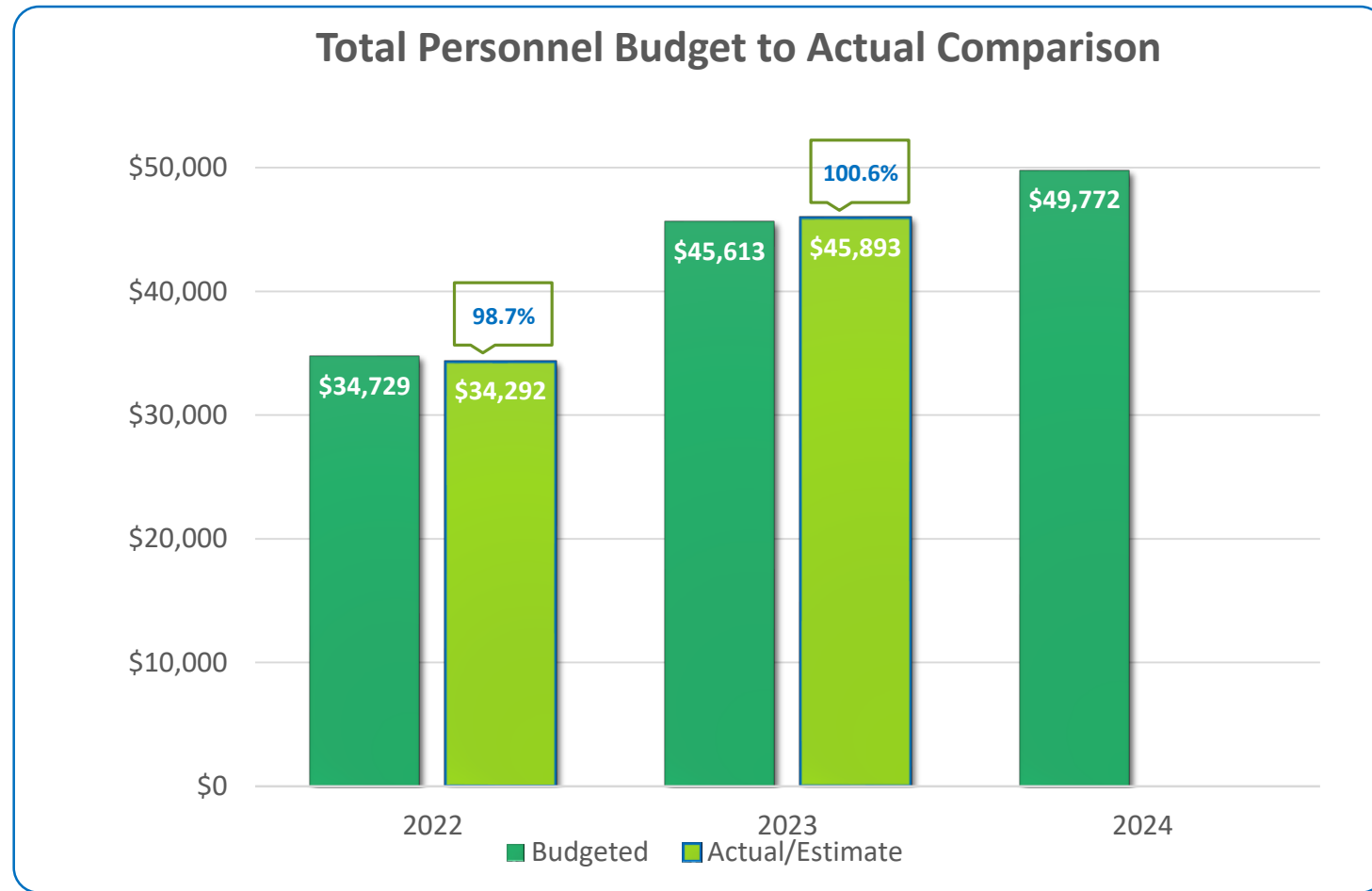
\$49,772

Proposed Personnel Operating Budget *(in thousands)*

Personnel Operating Budget



Toho Personnel Operating Expense Comparison to Budget



**Year over year increase from FY22 to FY23 is primarily due to the St. Cloud transition*

FY24 Personnel Request Overview

- Overall \$5.2M or 11.5% increase over FY23 budget
 - Current filled positions \$31.1M
 - Pay & Benefit increases
 - Partial capitalization of service technicians, lift station rehab crew, and capital inspectors & engineers
- Requested New, Vacant, and Reclassified Positions
 - New positions \$1.6M
 - Vacant positions \$5.1M
 - Senior Procurement Analyst reclassified to Procurement Director \$30k impact
- Recruitment process initiated for certain positions with intent to fill within Q1
- Assumed vacancy rate of 10% at \$45k salary
- Pay Adjustment Provision
 - COLA/Merit 4%
 - Other Miscellaneous Adjustments 2.0%

Toho Personnel Costs – Request to Estimate/Budget

Up \$4.2M or 9.1% over Budget

Up \$3.9M or 8.5% over Estimate

Key Drivers:

- New Positions
- Merit and across the Board adjustments

	2024 Request	2023 Estimate			2023 Budget		
		Total	\$ Change	% Change	Total	\$ Change	% Change
Salaries and Wages - Regular Pay	30,062	28,111	1,951	6.9%	28,935	1,127	3.9%
Salaries and Wages - Other Pay	523	1,538	(1,015)	-66.0%	695	(172)	-24.7%
Salaries and Wages - Overtime Pay	4,286	2,456	1,830	74.5%	1,930	2,356	122.1%
Subtotal - Salaries and Wages	34,870	32,104	2,766	8.6%	31,561	3,309	10.5%
FICA	2,690	2,390	300	12.6%	2,413	277	11.5%
Retirement Contributions	3,458	3,424	34	1.0%	3,639	(181)	-5.0%
Life and Health Insurance	8,491	7,888	603	7.6%	7,708	783	10.2%
Workers' Compensation	244	85	159	187.1%	273	(29)	-10.6%
Unemployment Compensation	19	2	17	850.0%	19	0	0.0%
Subtotal - Fringe Benefits	14,902	13,789	1,113	8.1%	14,052	850	6.0%
Total	49,772	45,893	3,879	8.5%	45,613	4,159	9.1%

Total Authority Positions FY2023-FY2024

- SIGNIFICANT CHANGES -

Organizational structural change

- Financial Services
- Stakeholder Services
 - Information Technology
 - Customer Service
 - Organizational Development
 - Business & Environmental Services
 - GIS & Procurement
- Vacancy Allowance
 - Applied to current vacant & new positions
 - Assumed between four to six months of vacant status

Departments	2023	2024	Total
Operations	276.0	12.0	288.0
Assets & Infrastructure	64.0	0.0	64.0
Stakeholder Services	183.0	17.0	200.0
Financial Services	19.0	1.0	20.0
Administration	3.0	0.0	2.0
Communications	3.0	1.0	4.0
Human Resources	23.0	4.0	27.0
Office of the General Counsel	5.0	0.0	5.0
Total	576.0	34.0	610.0

FY24 Requested Personnel Additions

	Request
Toho Request New Positions	1,625,916
Less Capitalized Labor	(231,032)
Less Partial New Position Budget Impact	(464,961)
Net New Position Budget Impact	929,923

New Position Requested	Department Division	Budget Impact*
Accounting Manager	Financial Services	\$ 101,117
Administrative Coordinator	Operations Water Treatment	\$ 42,157
Administrative Supervisor	Operations Water Treatment	\$ 72,102
Assistant Foreman	Stakeholder Services Customer Service	\$ 97,603
Billing Analyst	Stakeholder Services Customer Service	\$ 84,313
CCTV Reviewer	Operations Field Services	\$ 59,318
Conservation Specialist	Stakeholder Services Business & Environmental Services	\$ 40,149
Customer Experience Representative	Stakeholder Services Customer Service	\$ 76,475
GIS Specialist/Developer	Stakeholder Services Information Technology	\$ 51,242
Graphic Artist	Communications	\$ 48,802
Hardware & Applications Support Specialist	Stakeholder Services Information Technology	\$ 56,494
Intern	Human Resources	\$ 109,249
Laboratory Technician	Stakeholder Services Business & Environmental Services	\$ 42,157
Operations Analyst	Operations Support Services	\$ 62,077
Procurement Director	Stakeholder Services Business & Environmental Services	\$ 122,908
Records & Imaging Supervisor	Human Resources Records Management	\$ 44,264
Service Technician	Stakeholder Services Customer Service	\$ 191,187
Systems Mechanic/Operator Trainee	Operations Water Treatment	\$ 84,313
Treatment Operator C	Operations Water Treatment	\$ 48,802
Utility Worker - Locates	Operations Field Services	\$ 38,237
Utility Worker - Valve Crew	Operations Field Services	\$ 152,950
Total Budget Impact		\$ 1,625,916

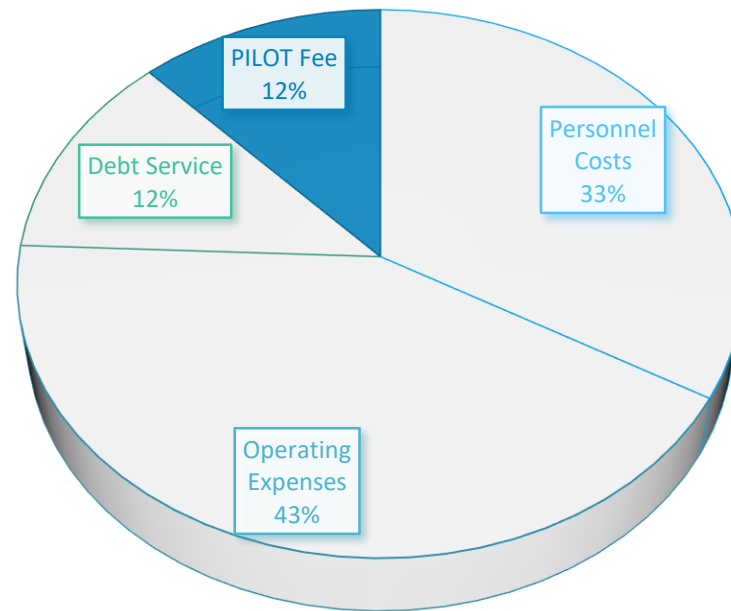
*Budget impact is based on base salary for entire fiscal year.

**2024
Request**

\$17,992

PILOT Fees *(in thousands)*

PILOT Fees



Payment in Lieu of Taxes (PILOT) Historical & Forecast

	2019	2020	2021	2022	2023	2024
Budget	\$10,865	\$11,546	\$11,273	\$12,034	\$16,892	\$17,992
Actual/Estimate	10,800	10,851	11,574	12,310	17,361	
Variance	\$65	\$695	(\$301)	(\$276)	(\$379)	

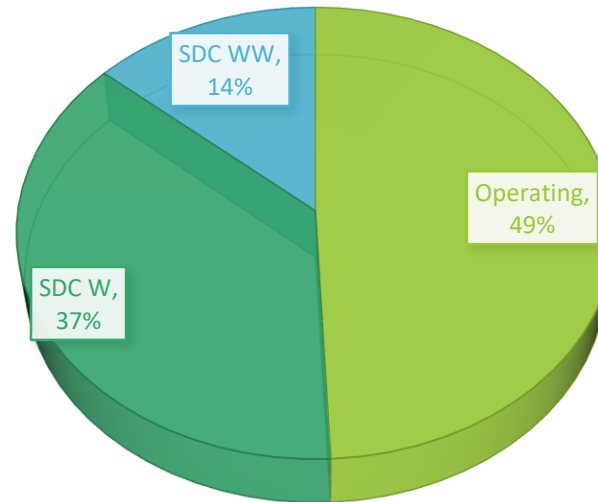
- Over 5-Year period from 2019-2023 (including 2023 Estimate) the average annual variance from budget to actual/estimate is (\$39k)
- PILOT for FY23 is forecasted to be \$17.4
- FY21 through FY23 actuals exceed budget due to higher revenues than forecasted

**2024
Request**

\$223,295

Total Operating Capital *(in thousands)*

Capital



Capital Outlay and Capital Project Request

(In thousands)				
Budgeted Operating Capital	Water SDC	Wastewater SDC	Capitalized Labor	Total Request
\$106,798	\$82,856	\$30,433	\$3,207	\$223,295

Assumes a 75% execution factor on budgeted Capital for Fiscal Year 2024.

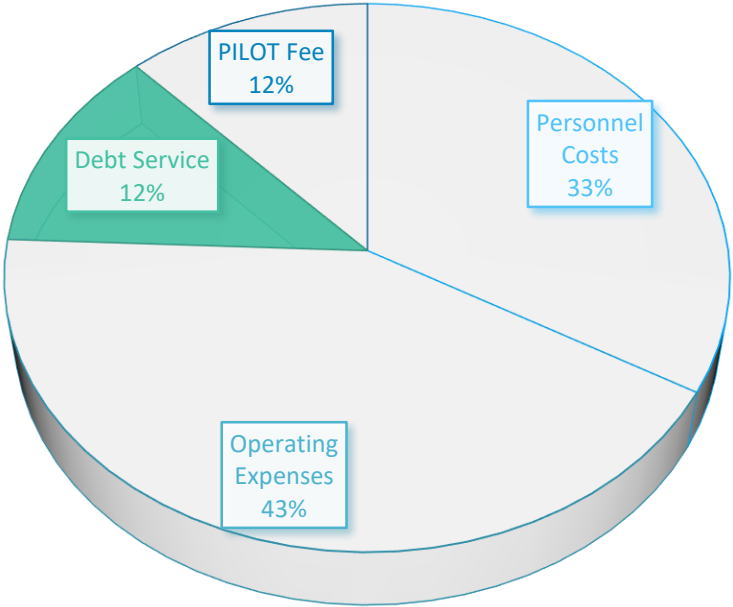
Capitalized labor includes Field Services, Lift Station rehab crew, Capital Inspectors, and Engineers.

(in thousands)

Debt Service

2024
Request
\$18,412

Debt Service



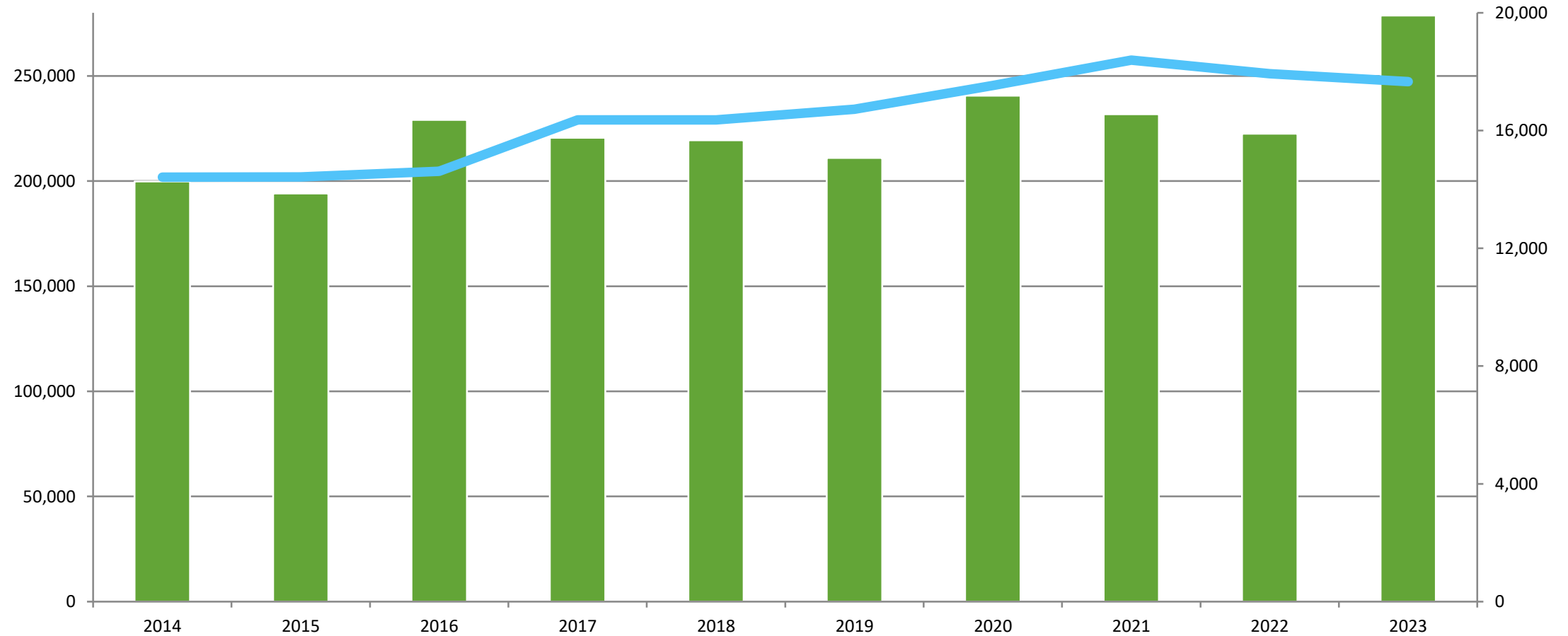
Current Authority Outstanding Debt (in thousands)					
Revenue Bonds & Notes	Amount Issued	Current Outstanding	Interest	Structure	Purpose of Issue
Series 2009 Note	\$16,000	\$6,935	3.63%	Fixed	Admin Building & Construction
Series 2016 Bond	173,605	153,905	2.00%-5.00%	Fixed	Refund portion 2011A & 2012 Capital Improvements
Series 2020	38,160	38,160	1.00%-4.00%	Fixed	Short-term funding for WIFIA designated projects - matures 2025
Series 2021 Note	14,305	14,275	1.08%	Fixed	Refund Bonds (Series 2003 A&B)
Series 2022 Note	28,600	28,660	2.64%	Fixed	St. Cloud Utility Integration
Total		\$241,935			

Debt – \$278M | Annual Debt Service – \$17.7M

Historical Outstanding Debt

(In 000s)

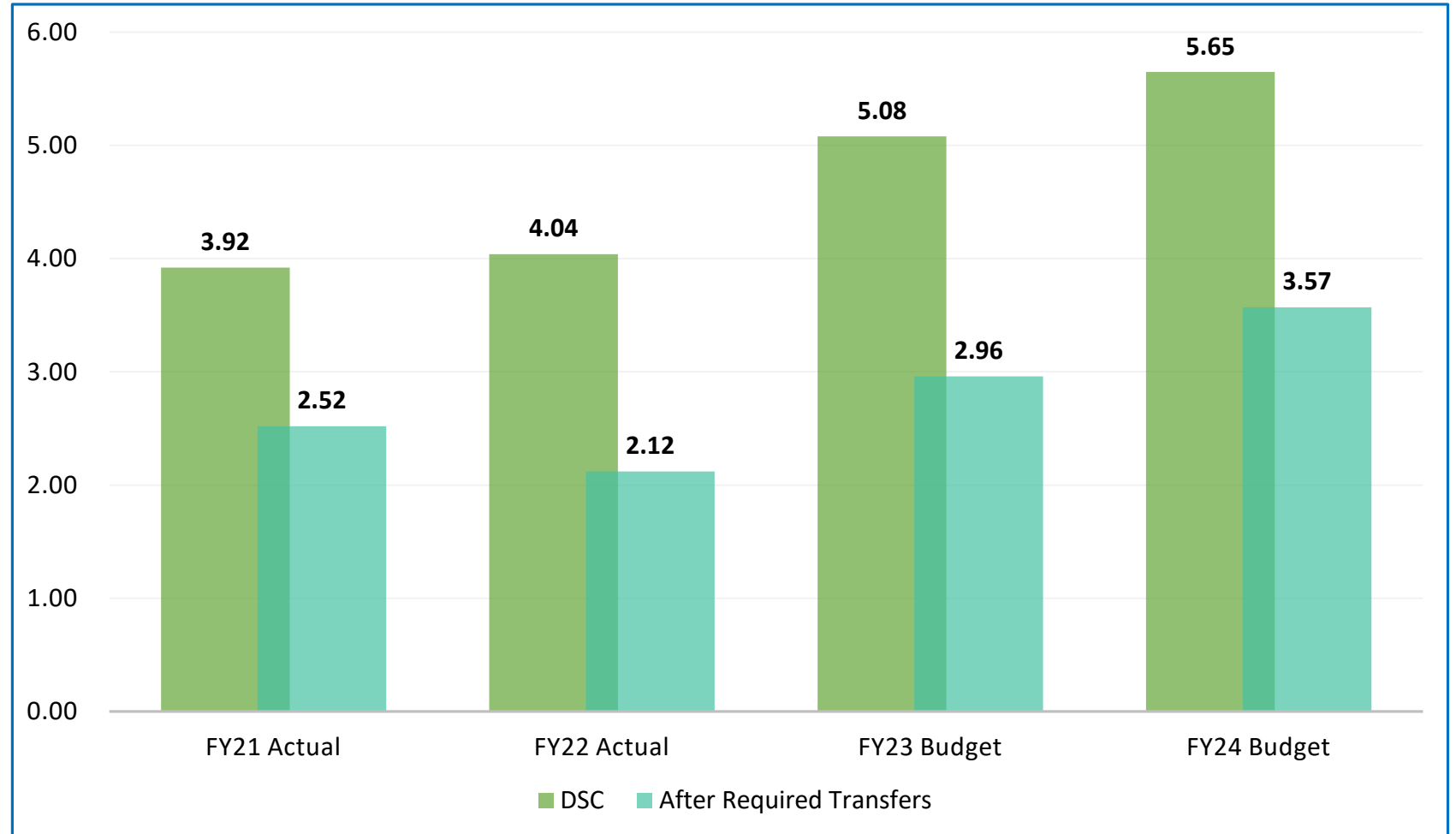
Fixed Rate Annual Debt Service



Debt Service Coverage – Historical & Projected Update

Maintain higher Debt Service Coverages (DSC)

- Building coverages for long term planning and borrowing
 - Anticipated higher borrowing costs
 - Alternative Water Supply projects
- Maintaining financial position to navigate long term uncertainty
 - Changes in regulatory requirement environment
 - Inflationary pressures



Operating Budget Submittal

ANNUAL BUDGET SUMMARY

2024 Annual Budget Summary

	Request
Operating Revenue	\$ 217,218
Personnel and Operating Expenses	113,181
Net available for debt service	104,037
Debt Service	18,412
<i>Debt Service Coverage (5.08x in 2023 Budget)</i>	5.65x
PILOT (Payments in Lieu of Taxes) Fees	17,992
(COK \$9.6M/County \$4.6M/STC \$3.7M)	
Renewal & Replacement Transfer	20,297
<i>Debt Service Coverage, after required transfers (2.96x in 2023 Budget)</i>	3.57x
Net Revenues after Debt Service & Transfers	\$ 47,336

Next Steps

Strategic Plan

- Board approved
- Implementation process underway

Capital Improvement Plan

Workshop

- July 19

COMPLETE

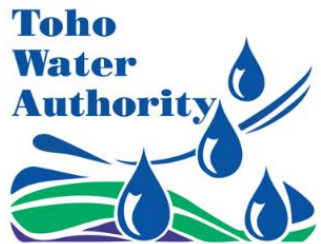
Operating Budget Workshop

- August 23

Adopt Budget and Rate Resolutions

- September 2023

Questions



Toho Water Authority

Multi-year Rate Proposal Approval

FY2024-2028 Rate Plan

Budget Planning & Approval Process

Strategic Plan

- Board approved
- Implementation process underway

Capital Improvement Plan

Workshop

- July 19

COMPLETE

Operating Budget Workshop

- August 23

COMPLETE

Adopt Budget and **Rate Resolution**

- September 20

Board Action & Approval

FY 2024-2028 Multi-year Rate Plan

	FY24	FY25	FY26	FY27	FY28
Rate Increase	5%	5%	5%	5%	5%
Reclaim % of Irrigation	70%	75%	80%	85%	90%

- Effective **October 1st, 2023**
- St. Cloud tier structure to match rest of Toho's service area (or later date during FY24)
- 20-Day Notice Requirement: Public Notice sent 8/25/2023 for publication by 8/31

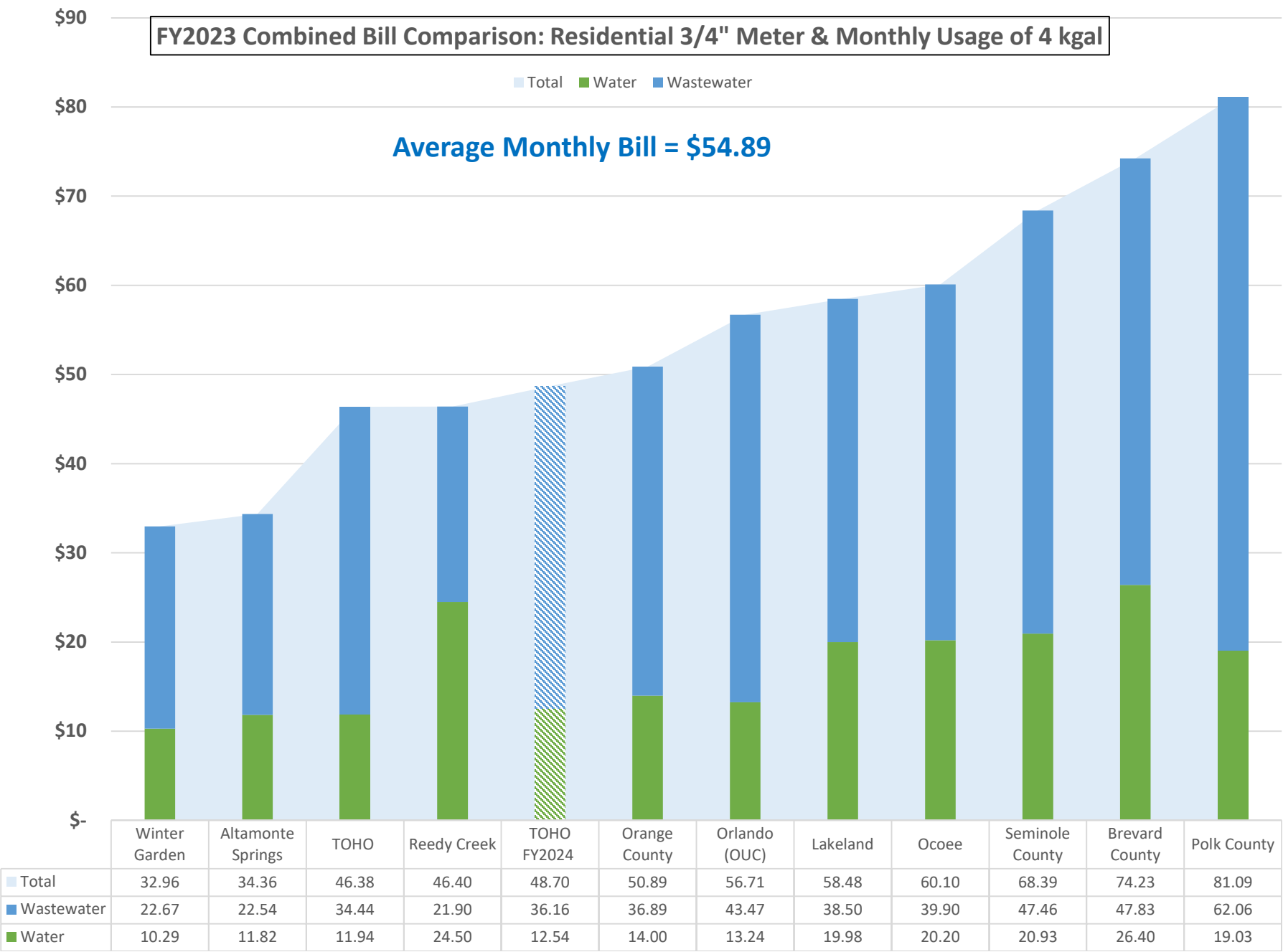
- Annual adjustments are necessary to offset inflation and provide revenue sufficient to cover:
 - Operating and Capital Expenditures
 - Satisfy debt obligations
 - Fund required transfers
 - Meet financial policy thresholds
- Long term planning, higher borrowing costs
 - Large costly projects, capital execution
- Maintaining financial position to navigate long term uncertainty

FY 2024-2028 Rate Adjustment Monthly Average Customer Bill Impact

Example: Combined Bill - 3/4" meter size Residential Customer	Current	FY24	FY25	FY26	FY27	FY28
Water & Wastewater @ 4k Gal	\$ 46.38	\$ 48.70	\$ 51.13	\$ 53.69	\$ 56.37	\$ 59.20
<i>\$ Change</i>		\$ 2.32	\$ 2.43	\$ 2.56	\$ 2.68	\$ 2.83
Water & Wastewater @ 4k Gal w/Reclaim @ 5kgal	\$ 65.93	\$ 70.41	\$ 75.19	\$ 80.25	\$ 85.68	\$ 91.47
<i>\$ Change</i>		\$ 4.48	\$ 4.78	\$ 5.06	\$ 5.43	\$ 5.79
Water & Wastewater @ 4k Gal w/Potable Irrigation @ 5kgal	\$ 74.82	\$ 78.42	\$ 82.19	\$ 86.16	\$ 90.32	\$ 94.70
<i>\$ Change</i>		\$ 3.60	\$ 3.77	\$ 3.97	\$ 4.16	\$ 4.38

FY2023 Combined Bill Comparison: Residential 3/4" Meter & Monthly Usage of 4 kgal

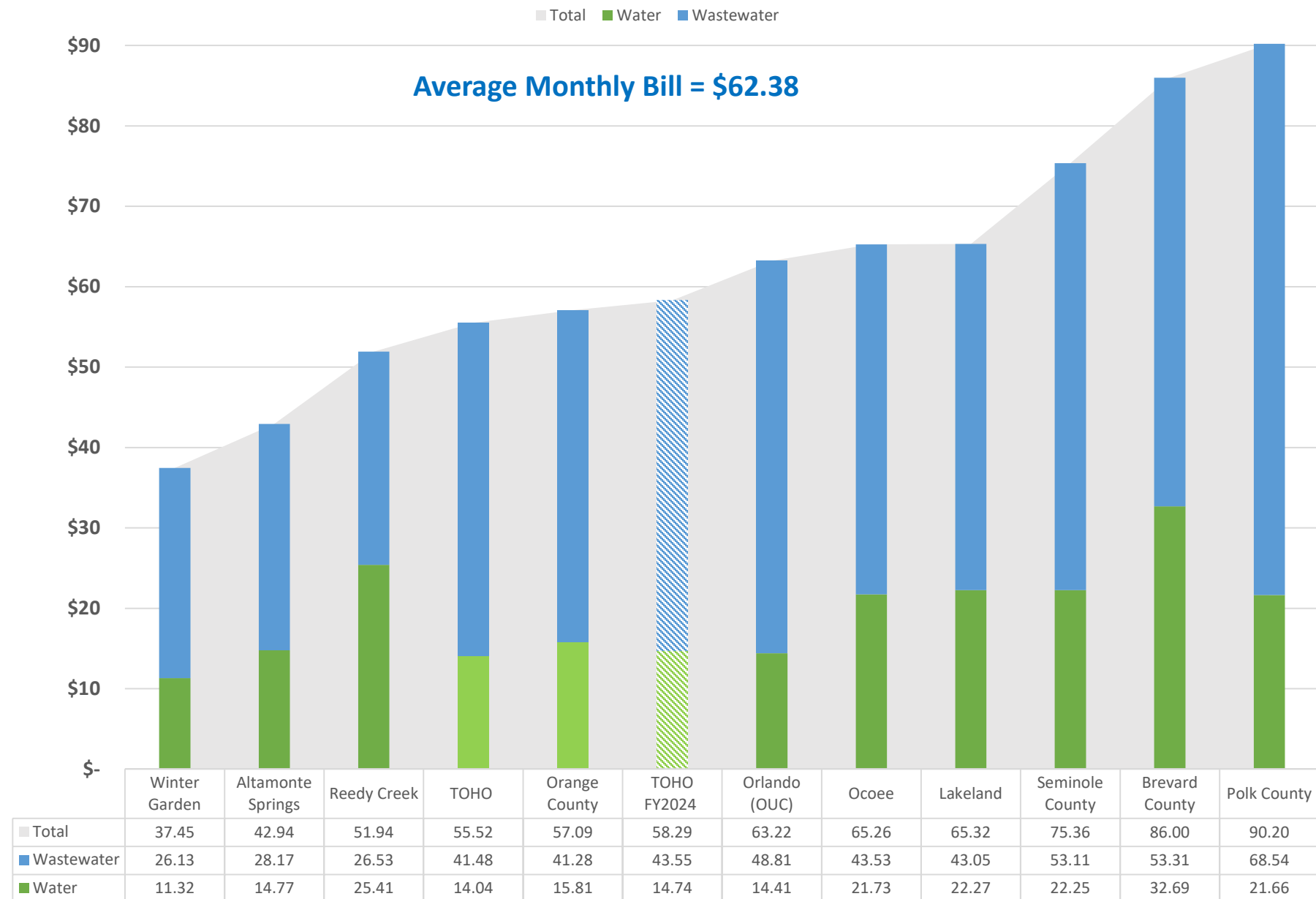
Average Monthly Bill = \$54.89



Observations

- Current FY23 and proposed FY24 rate change still positions Toho in lower/mid
- Below average comparison of regional utilities

FY2023 Combined Bill Comparison: Residential 3/4" Meter & Monthly Usage of 5 kgal



Observations

- 4kgal vs. 5kgal slight shift Toho to middle of comparison
- Proposed FY24 rate still below FY23 average monthly bill

FY24 Sample Rate Comparisons

Brevard County 13%

City of Melbourne

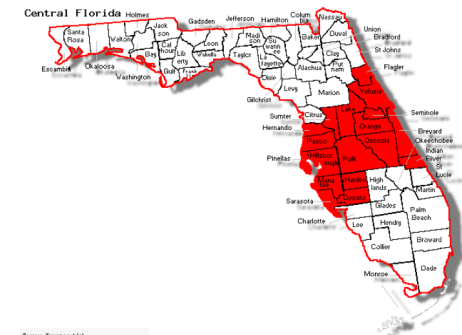
FY23 = 14% | FY24 = 0%

Orange County 3%

OUC = 4.3%

West Central FL Average = 4.2%

(including: Pinellas County, Hillsborough County, Pasco County, Largo, Dunedin, St. Petersburg, Sarasota)



Source: datapoint [2]

Key Drivers, Implications, and Budget Priorities

- Ongoing economic growth and uncertainty
 - Implications of potential recession and growth slowdown
- Overall inflation
 - Supply/demand of construction costs and materials
 - Chemicals, fuel, and utility expenses
- Ongoing delivery of asset and master planning efforts
- Asset Infrastructure
 - Plants and facilities reinvestment and expansions
- Maintaining quality of service
- Associated cost impacts with legislative and regulatory requirements

Board Action Item

Staff recommends approval of the
Multi-year rate plan for Fiscal Year
2024 through 2028 with Resolution
2023-007

Tohopekaliga Water Authority
Summary of the 2024 Operating Budget
For the period covering October 1, 2023 through September 30, 2024

	2024 Budget
<i>(Presented in thousands)</i>	
Operating Revenue	\$217,233
Personnel and Operating Expenses	114,812
Net available for debt service	102,421
Debt Service	18,412
<i>Debt Service Coverage</i>	<i>5.56x</i>
 PILOT (Payments in Lieu of Taxes) Fees	 17,992
 Renewal & Replacement Transfer	 20,297
<i>Debt Service Coverage, after required transfers</i>	<i>3.48x</i>
 Net Revenues after Debt Service & Transfers	 \$45,720

TOHOPEKALIGA WATER AUTHORITY

2024 Annual Budget
Net Operating Revenue Summary (in 000's)

Tohopekaliga Water Authority's budget combines all the utility systems into one for budgeting & accounting purposes. The budgetary funds are combined for financial reporting purposes at the end of each fiscal year. The schedule below is a summary of the projected sources of revenues and the operating expenses, excluding depreciation & amortization.

	Actual FY2022	Budget FY2023	Estimate FY2023	Request FY2024	\$ Change from Estimate
Operating Revenues					
Metered Sales	\$ 133,632	\$ 180,689	\$ 181,906	\$ 200,618	\$ 18,712
Other Operating Revenues	2,048	14,811	15,372	16,615	1,243
Total Revenues	\$ 135,680	\$ 195,500	\$ 197,278	\$ 217,233	\$ 19,955
Operation & Maintenance					
Personnel Services	33,909	45,613	45,893	49,983	4,090
Contracted Services	11,662	14,314	15,467	15,352	(115)
Travel & Training	419	699	541	625	84
Utilities	8,228	10,398	11,129	11,686	557
Auto Maintenance	1,169	1,327	1,829	1,564	(265)
Other Maintenance	10,327	9,987	13,913	13,096	(817)
Gas & Oil	1,146	1,259	1,295	1,359	64
Other Supplies	2,948	4,835	4,609	4,840	231
Chemicals	2,524	5,624	7,027	8,800	1,773
Other Operating Costs	6,291	7,134	7,149	7,507	358
Total Operation & Maintenance	\$ 78,623	\$ 101,190	\$ 108,852	\$ 114,812	\$ 5,960
Net Revenues	\$ 57,057	\$ 94,310	\$ 88,426	\$ 102,421	\$ 13,995
Pilot Fees	12,034	16,892	17,361	17,992	631
Annual Debt Service	16,166	17,660	18,032	18,412	380
Non-Operating Revenues	1,807	1,112	1,190	1,256	66

TOHOPEKALIGA WATER AUTHORITY

FY 2024-2028 Capital Improvement Plan

Dept # / Project #	Project Name	Adopted FY 2024	Proposed FY 2025	Proposed FY 2026	Proposed FY 2027	Proposed FY 2028
Capital Outlay Expenditures						
<u>OPERATIONS</u>						
<i>Water Plants</i>						
1100	Camelot West Chlorine bulk tank.	-	-	40,000	-	-
1100	Camelot West Well 2 - Replace Generator	400,000	-	-	-	-
1100	Camelot West WTP - Replace Generator	-	-	-	-	600,000
1100	Chlorine Analyzers - NB SW NW & PW WTPs	18,000	9,000	9,000	-	-
1100	Main Generator - NB WTP	-	-	600,000	-	-
1100	North Bermuda Well 6 Generator	-	500,000	-	-	-
1100	North Bermuda WTP - Replace Bleach Skids	-	-	-	-	65,000
1100	North Bermuda WTP - Replace Bulk Chlorine Tank 1	-	-	-	80,000	-
1100	North West well 4 and 3 rehab	50,000	-	50,000	-	-
1100	Northwest WTP - Ground Storage Tank Painting	50,000	-	-	-	-
1100	NW WTP Flouride Tank & Skid Replacement	-	60,000	-	-	-
1100	Parkway WTP - Bleach Skid Replacement	-	-	-	30,000	-
1100	South West WTP & North West WTP - Replace Chlorine Analyzers	-	-	-	-	18,000
1100	Southwest WTP - Replace Well 1 Generator	-	-	-	350,000	-
1100	SW WTP Chlorine Tanks & Skid Replacement	120,000	-	-	-	-
1100	SW WTP Well 1 & 2 - Inspection & Rehab	50,000	-	-	-	-
1400	Bella Lago WTP - Ground Storage Tank Rehab	100,000	-	-	-	-
1400	Huron WTP - Replace Generator	-	-	-	-	600,000
1400	Skid and Tank Replacement Peabody, Bellalago, & Huron	40,000	50,000	-	-	-
1500	E&H Flow meters at plants	-	40,000	-	-	-
1500	Ekko Power Drive	13,000	-	-	-	-
1500	Inspection and Rehab of Well 1	-	-	-	50,000	-
1500	Inspection and Rehab of Well 3	-	-	50,000	-	-
1500	Inspection and Rehab of Well 5	-	-	50,000	-	-
1500	Inspection and Rehab of Well 6	-	-	-	50,000	-
1500	Inspection and Rehab of Well 7	-	-	-	-	50,000
1500	New Flouride Pump Skid & Day Tank	35,000	-	-	-	-
1500	Replace Generator - Well 6 and 7	-	800,000	-	-	-
1500	Tank Inspections and cleaning GST WTP1, WTP 2, WTP4	-	80,000	-	-	-
1500	Valve Machine - Replacement for WS 509	100,000	-	-	-	-
1500	WTP 1 - Bulk Storage Chlorine Tank	20,000	-	-	-	-
1500	WTP 1 - Flouride Bulk Storage Tank Replacement	30,000	-	-	-	-
1500	WTP 1 - Replace Generator	-	-	400,000	-	-
1500	WTP 1 Back Up Well Pump and Motor	185,000	-	-	-	-
1500	WTP 1, 2 & 4 - High Service pumps seals/bearings	15,000	-	-	-	-
1500	WTP 2 - Replace Generator	-	-	-	400,000	-
1500	WTP 4 - Brine Pump Back Up	20,000	-	-	-	-
1500	WTP 4 - Flouride Analyzers	24,000	-	-	-	-

FY 2024-2028 Capital Improvement Plan

Dept # / Project #	Project Name	Adopted FY 2024	Proposed FY 2025	Proposed FY 2026	Proposed FY 2027	Proposed FY 2028
1500	WTP 4 - Flouride Bulk Storage Tank Replacement	40,000	-	-	-	-
1500	WTP 4 - Replace Chlorine Pump Skids	50,000	-	-	-	-
1500	WTP 4 - Replace Flouride Pump Skid	-	-	30,000	-	-
1500	WTP 4 - Replace Generator 1 (ENG)	400,000	-	-	-	-
1500	WTP 4 - Resin Recycle Pump Replacement and Back Up	30,000	-	-	-	-
1500	WTP 4- Bulk Storage Chlorine Tank	40,000	-	-	-	-
Sub Total - Water Treatment Plants		1,830,000	1,539,000	1,229,000	960,000	1,333,000
<i>Water Reclamation Facilities (WRF)</i>						
South Bermuda WRF						
1110	(2) 12" Mag Meters w/ Ethernet IP @ Stoneybrook	40,000	-	-	-	-
1110	(3) 12" Propeller meters for 160-site	50,000	-	-	-	-
1110	Actuators - Plants 2 & 3	-	-	-	100,000	-
1110	Anoxic Mixers - Plants 2 & 3	-	-	275,000	-	-
1110	Chlorine Pump Skid	-	-	-	30,000	-
1110	Composite Sampler for Imperial Site	-	-	-	-	12,500
1110	Dissolved Oxygen Probes	-	65,000	-	-	-
1110	Forklift	-	50,000	-	-	-
1110	Portable Bypass Pump	-	-	-	-	50,000
1110	Portable Sampler	-	8,500	-	-	-
1110	Rebuild Grit Classifiers	-	-	-	30,000	-
1110	Replace (3) Reuse Pumps & Motors	-	200,000	-	-	-
1110	Replace Liftstation Pumps (4)	-	-	-	-	125,000
1110	Replace/Rebuild Compactors	-	-	-	125,000	-
1110	Sample Cart	-	-	15,000	-	-
1110	Spare Composite Samplers (2)	20,000	-	-	-	-
1110	Spare YSI VisoTurb TSS Online Analyzer	10,000	-	-	-	-
1110	Waste Pumps (2)	-	40,000	-	-	-
Sub Total - South Bermuda WRF		120,000	363,500	290,000	285,000	187,500
Parkway WRF						
1111	Sludge Blanket level Indicators	25,000	-	-	-	-
1111	Spare Automatic Composite Sampler	12,000	-	-	-	-
1111	Spare In-plant Reuse Pump	-	10,000	-	-	-
1111	Spare Scum Pump	-	-	35,000	-	-
1111	Strap on Flow Meters	-	16,000	-	-	-
1111	Utility Cart	-	15,000	-	-	-
Sub Total - Parkway WRF		37,000	41,000	35,000	-	-

FY 2024-2028 Capital Improvement Plan

Dept # / Project #	Project Name	Adopted FY 2024	Proposed FY 2025	Proposed FY 2026	Proposed FY 2027	Proposed FY 2028
Sandhill WRF						
1112	(3) Gate Valves	-	80,000	-	-	-
1112	Actuators for Treatment Aeration Basins 1 & 2	-	-	-	150,000	-
1112	Automatic Composite Samplers (2)	-	-	-	-	30,000
1112	Effluent Transfer Pumps (4) Turbines	-	-	-	100,000	-
1112	Fire Suppression System	75,000	-	-	-	-
1112	Generator Breakers	-	-	100,000	-	-
1112	Pretreatment Actuators	-	-	-	-	45,000
1112	Replace East Basin Mixers	-	-	-	-	80,000
1112	Replace Flow Meters	-	-	-	-	75,000
1112	Sandhill WRF Bypass Pump	-	60,000	-	-	-
1112	Sludge Holding Bunkers (2) Sandhill	92,000	-	-	-	-
1112	Spare Aerator	-	-	75,000	-	-
1112	Spare Centrifuge Parts	-	-	-	40,000	-
1112	Spare Grit Classifier Parts	-	-	-	-	55,000
1112	Spare IRQ Pump	-	-	74,000	-	-
1112	Spare Mixer	-	-	50,000	-	-
1112	Spare RAS Pump Motor	-	-	-	35,000	-
1112	UV Shade Balls	50,000	-	-	-	-
Sub Total - Sandhill WRF		217,000	140,000	299,000	325,000	285,000
Camelot WRF						
1113	(2) 24 " Spare Pretreatment Bypass Actuators	-	65,000	-	-	-
1113	(2) 24" Influent Flow Meters	-	-	-	75,000	-
1113	(2) Grit Pumps Camelot WRF	-	-	-	-	40,000
1113	(2) Power Monitors	-	-	-	-	30,000
1113	(3) Composite Samplers	-	27,000	-	-	-
1113	(6) Dissolved Oxygen Monitors	-	-	-	40,000	-
1113	Additional funds to repave entrance road (ENG)	125,000	-	-	-	-
1113	Anoxic Mixers (3)	-	-	110,000	-	-
1113	Bioway Odor Control Refurbish	40,000	-	-	-	-
1113	Camelot WRF Forklift	-	-	60,000	-	-
1113	Disc Filter 3 Refurbish	-	125,000	-	-	-
1113	Disk Filter #1 - Refurbish	125,000	-	-	-	-
1113	Disk Filter's Backwash Pumps (3) Camelot	-	55,000	-	-	-
1113	Effluent Pumps 1-3	-	150,000	-	-	-
1113	Overhead Crane	-	-	-	-	50,000
1113	Pine Island Sprinklers	100,000	-	-	-	-
1113	Process Blowers (4) Core Replacements	-	-	-	128,000	-
1113	Refurbish Grit Classifier	-	-	-	-	40,000
1113	Sodium Hypochlorite Pumps 1-3	-	-	-	70,000	-
1113	Spare Pine Island Pump/Motor	-	-	60,000	-	-
1113	Transfer Switch - Generator #4 Camelot	-	-	100,000	-	-
Sub Total - Camelot WRF		390,000	422,000	330,000	313,000	160,000

FY 2024-2028 Capital Improvement Plan

Dept # / Project #	Project Name	Adopted FY 2024	Proposed FY 2025	Proposed FY 2026	Proposed FY 2027	Proposed FY 2028
Harmony WRF						
1210	Automatic Composite Samplers (2)	-	-	-	20,000	-
1210	Clarifier Launder Covers	-	150,000	-	-	-
1210	Replace D.O. Probes	-	-	-	-	60,000
1210	Replacement Ice Machine	-	-	-	10,000	-
1210	Spare Flow Meter	-	15,000	-	-	-
1210	Spare Lift Station Pump	-	-	-	15,000	-
1210	UV Shade Balls	-	-	20,000	-	-
	Sub Total - Harmony WRF	-	165,000	20,000	45,000	60,000
Cypress West WRF						
1410	Actuator Air Valves on Treatment Basins North & South	-	85,000	-	-	-
1410	Composite Samplers (2)	-	-	-	-	24,000
1410	Concrete Bunkers (2) - Sludge Holding	-	-	-	80,000	-
1410	HVAC (2) - Building D	-	30,000	-	-	-
1410	Process Blowers (4)	-	250,000	-	-	-
1410	RAS Upgrades / Replacements	-	-	-	80,500	-
1410	Replace A/C Unit Bldg. B	-	-	-	-	7,500
1410	Replace A/C Units (2) - Bldg. A - New Ops Bldg.	-	-	-	25,000	-
1410	Replace Backwash Pumps on Disk Filters (3)	-	-	-	17,250	-
1410	Replace Centrifuge Sludge Feed Macerators (2)	-	-	-	-	25,000
1410	Replace Centrifuge Sludge Feed Pump (2)	-	-	-	-	30,000
1410	Replace Gear Drive on Disk Filters (3)	-	-	-	-	14,000
1410	Replace Lift Station Pumps (3)	-	-	-	-	50,000
1410	Replace Process Blower #1 VFD	-	-	-	-	67,000
1410	Replace Process Blower #2 VFD	-	-	67,000	-	-
1410	Replace Security Entrance Gate #1 - Motor	-	-	-	-	10,000
1410	Replace Security Entrance Gate #3 Motor	-	-	-	12,000	-
1410	Replace Sludge Forwarding Pump and Motor	-	-	-	-	20,000
1410	Replace Waste Valve	-	-	-	20,000	-
1410	Security Entrance Gate #2 - Motor	-	12,000	-	-	-
1410	Spare Actuator Valve Cypress West	55,000	-	-	-	-
1410	Spare Polymer Blend Station Parts	-	-	-	30,000	-
1410	WS529 - Tractor	-	36,000	-	-	-
1410	WS530 - Rough Terrain Vehicle (RTV)	-	21,600	-	-	-
	Sub Total - Cypress West WRF	55,000	434,600	67,000	264,750	247,500
Lake Marion WRF						
1412	Convert Transfer Pumps to VFD's	150,000	-	-	-	-
1412	DO Analyzers & Probes	-	-	100,000	-	-
1412	Entrance Gate and Operator	-	-	-	-	50,000
1412	Plant Fencing	-	-	-	-	100,000
1412	Pretreatment Screen	-	-	50,000	500,000	-

FY 2024-2028 Capital Improvement Plan

Dept # / Project #	Project Name	Adopted FY 2024	Proposed FY 2025	Proposed FY 2026	Proposed FY 2027	Proposed FY 2028
1412	Spare Anoxic Mixers	-	65,000	-	-	-
1412	Spare CL2 Pumps (2)	-	-	20,000	-	-
1412	Spare Digester Blower Motor	-	25,000	-	-	-
1412	Spare Grit Classifier Parts	-	50,000	-	-	-
1412	Spare High Service Pump Motors (2)	-	35,000	-	-	-
1412	Spare Lift Station Pump	-	22,000	-	-	-
1412	Spare Process Blower	-	-	125,000	-	-
1412	Spare RAS Pump	-	-	-	-	30,000
1412	Storage Shed	-	25,000	-	-	-
1412	WS66 - '14 Honda Pioneer 700 UTV	-	-	-	25,000	-
Sub Total - Lake Marion WRF		150,000	222,000	295,000	525,000	180,000
Southside WRF						
1510	(8) Actuator Valve Replacements	-	100,000	-	-	-
1510	CCC Shade Balls	50,000	-	-	-	-
1510	Clarifier #3 Recoating Rehab	-	125,000	-	-	-
1510	Clarifiers 1 -3 Weir Coating	-	125,000	-	-	-
1510	Disk filter backwash valves	-	30,000	-	-	-
1510	Launder Covers	-	250,000	250,000	-	-
1510	RAS Upgrades / Replacements	-	-	200,000	-	-
1510	Rebuild Grit Classifiers	-	-	-	-	30,000
1510	Seal Admin building	-	75,000	-	-	-
1510	Spare Anoxic Mixers	-	50,000	-	-	-
1510	Spare flash mixer	-	30,000	-	-	-
1510	Spare Injection Well Pump	100,000	-	-	-	-
1510	Spare IR Pump	-	-	-	-	65,000
1510	Spare Sludge Conveyor Drive Unit, Chain, Belt, and Conveyor	-	75,000	-	-	-
1510	Strap on Flow Meters	-	-	30,000	-	-
Sub Total - Southside WRF		150,000	860,000	480,000	-	95,000
Sub Total - Water Reclamation Facilities		1,119,000	2,648,100	1,816,000	1,757,750	1,215,000
<i>Maintenance</i>						
1045	Acrulog H2S Gas Detector: 0 to 2000 ppb (parts per billion)	5,300	-	-	-	-
1145	All Purpose Utility Flat Bed Hauling Trailer	-	7,000	-	-	-
1145	Emergency Portable By-Pass Pump WS 057	-	-	-	-	85,000
1145	Emergency Portable Generators	-	-	85,000	-	-
1145	Kings Hwy LS Pump Replacement (119014)	280,000	-	-	-	-
1145	LS #17 Master Station: Pump Replacement	-	-	-	140,000	-
1145	LS #63 Master Station: Pump Replacement	140,000	-	-	-	-
1145	LS #85 Master Station: Pump Replacement	-	-	140,000	-	-
1145	LS 116 Master Lift Station: Stationary Generator Enclosure	-	-	39,000	-	-
1145	Master Lift Station # 06: Pump Replacement	110,000	-	-	-	-
1145	Master Lift Station # 18: Pump Replacement	-	110,000	-	-	-

FY 2024-2028 Capital Improvement Plan

Dept # / Project #	Project Name	Adopted FY 2024	Proposed FY 2025	Proposed FY 2026	Proposed FY 2027	Proposed FY 2028
1145	Master Lift Station 35 Lakefront: Wet Well Liner Replacement	-	-	95,000	-	-
1145	Master Lift Station 6 Kissimmee Airport: Riser Pipe Replacement	-	-	-	220,000	-
1145	Master Pump Station # 35: Pump Replacement	-	110,000	-	-	-
1145	Master Station # 46: Pump Replacement	-	-	50,000	-	-
1145	Master Station 57: Check Valve Replacement	50,000	-	-	-	-
1145	Pump Replacement	26,400	26,400	26,400	26,400	26,400
1145	Wet Well Coating LS 60 Fourwinds	80,000	-	-	-	-
1145	Wet Well Coating, Risers, Pipes, Valves, Pump Bases	10,285	10,285	10,285	10,285	10,285
1245	Pump Replacement	26,400	26,400	26,400	26,400	26,400
1245	Wet Well Coating, Risers, Pipes, Valves, Pump Bases	10,285	10,285	10,285	10,285	10,285
1345	Pump Replacement	26,400	26,400	26,400	26,400	26,400
1345	Wet Well Coating, Risers, Pipes, Valves, Pump Bases	10,285	10,285	10,285	10,285	10,285
1445	Emergency Portable By-Pass Pump 8"	-	85,000	-	-	-
1445	Flat Bed Utility Trailer	-	7,000	-	-	-
1445	LS #77 Master Station: Pump Replacement	-	140,000	-	-	-
1445	Pump Replacement	26,400	26,400	26,400	26,400	26,400
1445	Wet Well Coating, Risers, Pipes, Valves, Pump Bases	10,285	10,285	10,285	10,285	10,285
1545	Portable Generator Replacements 2-44 and 2-46	-	-	-	90,000	90,000
1545	Pump Replacement	26,400	26,400	26,400	26,400	26,400
1545	Spare Pump for Lift Station 5	-	80,000	-	-	-
1545	Wet Well Coating, Risers, Pipes, Valves, Pump Bases	10,285	10,285	10,285	10,285	10,285
Sub Total - Maintenance		848,725	722,425	592,425	633,425	358,425
SCADA						
1144	Radio Transmission Units (RTUs) including Spares	348,000	348,000	348,000	112,000	112,000
1144	SCADA - Network Switch	20,000	20,000	20,000	20,000	20,000
1144	SCADA - Wireless Network Bridges & Radios	90,000	90,000	90,000	90,000	90,000
1144	SCADA Communication Towers	-	-	300,000	-	300,000
1144	SCADA Cybersecurity	30,000	30,000	30,000	30,000	30,000
1144	SCADA Equipment	66,000	66,000	66,000	66,000	66,000
1144	SCADA System Support	300,000	300,000	300,000	300,000	300,000
1244	Radio Transmission Units (RTUs) including Spares	32,000	32,000	32,000	28,000	28,000
1344	Radio Transmission Units (RTUs) including Spares	82,000	82,000	82,000	42,000	42,000
1444	Radio Transmission Units (RTUs) including Spares	190,000	190,000	190,000	70,000	70,000
1444	SCADA Equipment	44,000	44,000	44,000	44,000	44,000
1544	Radio Transmission Units (RTUs) including Spares	420,000	420,000	420,000	420,000	420,000
1544	SCADA - Network Switch	30,000	30,000	30,000	30,000	30,000
1544	SCADA Equipment	40,000	40,000	40,000	40,000	40,000
1544	Telemetry to have control over CHIPS	75,000	-	-	-	-
Sub Total - SCADA		1,767,000	1,692,000	1,992,000	1,292,000	1,592,000

FY 2024-2028 Capital Improvement Plan

Dept # / Project #	Project Name	Adopted FY 2024	Proposed FY 2025	Proposed FY 2026	Proposed FY 2027	Proposed FY 2028
<i>Support Services</i>						
1146	Dump Trailer - 36 Feet	100,000	-	120,000	-	-
1146	Portable Generators	750,000	-	-	-	-
1146	WS 265 1990 Tanker Trailer	-	-	-	-	150,000
1146	WS265 - Tanker Trailer	-	-	150,000	-	-
1146	WS71 - Replace Tanker	135,000	-	-	-	-
Sub Total - Support Services		985,000	-	270,000	-	150,000
<i>Transmission & Distribution</i>						
1125	Directional Bore Machine	200,000	-	-	-	-
1125	Fire Hydrants	25,000	25,000	25,000	25,000	25,000
1125	Ground Penetrating Radar Unit	35,500	-	35,500	-	35,500
1125	Mudhog Pump	17,000	17,000	-	-	-
1125	New Water Services & Taps	40,000	40,000	40,000	40,000	40,000
1125	Potable Service Connections	260,000	260,000	260,000	260,000	260,000
1125	R&R Water Distribution System	45,000	45,000	45,000	45,000	45,000
1125	Wire Tracer Replacements	30,000	10,000	-	-	-
1125	WS417 Backhoe Replacement Field Services	140,000	-	-	-	-
1325	Fire Hydrants	20,000	20,000	20,000	20,000	20,000
1325	Potable Service Connections	130,000	130,000	130,000	130,000	130,000
1325	R&R Water Distribution System	12,000	12,000	12,000	12,000	12,000
1425	Fire Hydrants	30,000	30,000	30,000	30,000	30,000
1425	New Water Services & Taps	100,000	100,000	100,000	100,000	100,000
1425	Potable Service Connections	260,000	260,000	260,000	260,000	260,000
1425	R&R Water Distribution System	18,000	18,000	18,000	18,000	18,000
1425	R/R Wastewater Collection System	30,000	30,000	30,000	30,000	30,000
1425	WS 381 - Equipment Trailer Replacement	30,000	-	-	-	-
1525	Fire Hydrants	20,000	20,000	20,000	20,000	20,000
1525	Metersets	840,000	-	-	-	-
1525	New Water Services & Taps	25,000	25,000	25,000	25,000	25,000
1525	Potable Service Connections	100,000	100,000	100,000	100,000	100,000
1525	R&R Water Distribution System	30,000	30,000	30,000	30,000	30,000
Sub Total - Transmission & Distribution		2,437,500	1,172,000	1,180,500	1,145,000	1,180,500
<i>Sewer Collections</i>						
1135	Air Release Valve Maintenance Program	100,000	100,000	100,000	100,000	100,000
1135	Lateral Camera - Locator Sonar	28,000	-	28,000	-	28,000
1135	Mini Jetters Replacement	-	-	90,000	90,000	-
1135	New Sewer Service	25,000	25,000	25,000	25,000	25,000
1135	R/R Wastewater Collection System	50,000	50,000	50,000	50,000	50,000
1335	Air Release Valve Maintenance Program	40,000	40,000	40,000	40,000	40,000
1335	Lateral Camera - Locator Sonar	14,000	-	14,000	-	14,000
1335	New Sewer Service	10,000	10,000	10,000	10,000	10,000
1335	R/R Wastewater Collection System	50,000	50,000	50,000	50,000	50,000
1435	Air Release Valve Maintenance Program	100,000	100,000	100,000	100,000	100,000

FY 2024-2028 Capital Improvement Plan

Dept # / Project #	Project Name	Adopted FY 2024	Proposed FY 2025	Proposed FY 2026	Proposed FY 2027	Proposed FY 2028
1435	Lateral Camera - Locator Sonar	28,000	-	28,000	-	28,000
1435	Mini Jetters Replacement	-	-	90,000	90,000	-
1435	New Sewer Service	50,000	50,000	50,000	50,000	50,000
1535	Air Release Valve Maintenance Program	30,000	30,000	30,000	30,000	30,000
1535	Lateral Cameras	28,000	-	28,000	-	28,000
1535	Mini Jetter - New	90,000	-	-	-	-
1535	New Sewer Service	15,000	15,000	15,000	15,000	15,000
1535	R/R Wastewater Collection System	20,000	20,000	20,000	20,000	20,000
Sub Total - Sewer Collections		678,000	490,000	768,000	670,000	588,000
TOTAL OPERATIONS & TREATMENT		9,665,225	8,263,525	7,847,925	6,458,175	6,416,925

FY 2024-2028 Capital Improvement Plan

Dept # / Project #	Project Name	Adopted FY 2024	Proposed FY 2025	Proposed FY 2026	Proposed FY 2027	Proposed FY 2028
<u>FINANCIAL SERVICES</u>						
3000	Capital Associated with Personnel Additions PLACEHOLDER	140,000	148,000	157,000	166,000	176,000
3000	Field Services Equipment	207,000	-	-	-	-
3000	Organization Vehicles	3,510,000	5,149,805	2,230,000	3,370,000	3,075,000
3000	Organization Vehicles - New Requests	2,530,000	150,000	-	-	-
Sub Total - Financial Services		6,387,000	5,447,805	2,387,000	3,536,000	3,251,000
<u>STAKEHOLDER SERVICES</u>						
<i>Information Technology</i>						
6020	CIS Version 4 Upgrade	250,000	-	-	-	-
6020	Copier/printer/Scanner	-	-	-	8,000	-
6020	Inventory Control System	-	50,000	-	-	-
6020	IT-InfrastructureImprove-Wirel (121009)	140,000	-	-	-	-
6020	IT-Security Infrastructure (121041)	150,000	150,000	-	-	-
6020	NeoGov Additional Modules	-	70,000	-	-	-
6020	New SCADA Network Circuits	50,000	-	-	-	-
6020	New Service Desk Ticketing System	75,000	-	-	-	-
6020	Obligation and Commitment Tracking (120083)	50,000	50,000	-	-	-
6020	Organization Computers	250,000	262,500	275,625	289,406	303,877
6020	Real Estate and Capacity Management	100,000	-	-	-	-
6020	Record Drawings - GIS Integration (EU)	50,000	50,000	50,000	-	-
6020	SCADA - GE Proficy iFIX Software and Licenses	40,000	-	-	-	-
6020	SCADA Servers	100,000	100,000	100,000	-	-
6020	SCADA Servers - BVL WTP	10,000	-	-	-	-
6020	SCADA Servers - ST. Cloud Liftstation	10,000	-	-	-	-
6020	Smart Cover Systems – Sewer Sensors Expansion	56,024	-	-	-	-
6020	Trimble TDC600	140,000	-	-	-	-
6020	Upgrade - Voice IP Phones	-	-	30,000	-	-
6020	Water Leak Detection Technology Pilot Testing	50,000	-	-	-	-
6020	IT-A.I. Call Center Technology (120002)	-	-	-	100,000	-
6020	IT-CustomerServiceAclaraOneACE (120008)	64,760	-	-	-	-
6020	IT-Kiosk-AdminBuild&PoincianaA (122028)	274,242	-	-	-	-
Sub Total - Information Technology		1,860,026	732,500	455,625	397,406	303,877
<u>Business & Environmental Services</u>						
<i>Backflow Cross Connection</i>						
6133	Cross Connection Control Backflow Units	3,000,000	4,000,000	4,500,000	4,500,000	4,500,000
<i>Laboratory</i>						
6034	AAON Dedicated Outside Air System (A/C makeup air)	-	85,000	-	-	-
6034	Atomic Absorption Spectrophotometer - ICP Unit	-	-	-	78,000	-
6034	Autoclave #1	-	-	11,000	-	-
6034	Biosafety/Biological Cabinet	-	-	-	-	14,490

FY 2024-2028 Capital Improvement Plan

Dept # / Project #	Project Name	Adopted FY 2024	Proposed FY 2025	Proposed FY 2026	Proposed FY 2027	Proposed FY 2028
6034	Canopy Hoods	-	15,000	-	-	-
6034	Copier/printer/Scanner	-	-	-	8,000	-
6034	Drying Oven # 2	9,900	-	-	-	-
6034	Drying Oven # 3	-	9,900	-	-	-
6034	Flow Injection Auto Analyzer	65,000	-	-	-	-
6034	Fume Hoods (#1 and #2)	-	48,000	-	-	-
6034	Lancer Laboratory Washer # 4	-	-	-	-	9,000
6034	Lancer Laboratory Washer # 5	-	-	-	-	9,000
6034	Sample Incubator # 13	-	-	-	12,000	-
6034	Sample Incubators #3	-	9,000	-	-	-
6034	Steam Washer # 3	8,500	-	-	-	-
6034	Toxicity Meter	-	-	-	20,000	-
6034	Automated BOD Analyzer-SKALAR	49,000	-	-	-	-
	Sub Total - Laboratory	132,400	166,900	11,000	118,000	32,490
	Sub Total - Business & Environmental Services	3,132,400	4,166,900	4,511,000	4,618,000	4,532,490
	<i>Customer Service</i>					
6040	AMI Data Collector Units (DCUs)	62,000	65,000	68,000	71,000	74,000
6040	Motorola Radios	70,000	15,000	16,000	17,000	18,000
6040	New & Replacement Meters and MTUs	5,833,456	6,754,898	7,809,028	9,014,952	10,394,530
6040	Residential Test Bench	11,000	-	-	-	-
	Sub Total - Customer Service	5,976,456	6,834,898	7,893,028	9,102,952	10,486,530
	Sub Total - Stakeholder Services	10,968,882	11,734,298	12,859,653	14,118,358	15,322,897
	ADMINISTRATION					
9000	Contingency Project Funding	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000
	TOTAL ADMINISTRATIVE SUPPORT SERVICES	27,355,882	27,182,103	25,246,653	27,654,358	28,573,897

FY 2024-2028 Capital Improvement Plan

Dept # / Project #	Project Name	Adopted FY 2024	Proposed FY 2025	Proposed FY 2026	Proposed FY 2027	Proposed FY 2028
OPERATING FUND 421						
NEW	WIFIA - Accelerated Gravity Sewer Rehabilitation Program	13,050,000	13,050,000	-	-	-
NEW	I/I GS Rehab - Toho 1	9,719,014	2,217,237	6,819,702	9,064,440	6,768,057
NEW	I/I GS Rehab - Toho 5	2,750,000	2,101,405	2,092,808	1,742,000	1,742,000
NEW	Condition Assessment - Metallic Force Mains	1,650,000	1,300,000	500,000	500,000	-
NEW	LS-05C (St Cloud) Master Station Rehab - Toho 5	1,200,000	-	-	-	-
NEW	Sand Hill WRF Advanced Water Treatment	1,000,000	-	-	-	-
NEW	SSWRF Screwpress upgrade (EU)	1,000,000	1,000,000	-	-	-
NEW	Lake Marion WRF Advanced water Treatment	1,000,000	3,000,000	3,000,000	3,000,000	-
NEW	3rd Disk Filter (ENG)	1,000,000	-	-	-	-
NEW	Lift Station Rehab - Toho 5 (St Cloud)	930,000	1,010,000	1,090,000	930,000	930,000
NEW	Lift Station Rehab - Toho 1	850,000	730,000	730,000	880,000	510,000
NEW	Force Main Rehab Program	800,000	800,000	500,000	500,000	500,000
NEW	Aeration Basin D.O. Control (ENG)	800,000	-	-	-	-
NEW	I/I GS Rehab - Toho 4	750,000	3,225,799	8,675,029	742,000	12,241,092
NEW	Lift Station Rehab - Toho 4	510,000	340,000	510,000	660,000	610,000
NEW	Harmony WRF Expansion to Approximately 1.3 MGD	500,000	1,000,000	2,000,000	1,000,000	-
NEW	Marigold Ave Roadway Improvements - Polk County	500,000	2,650,000	1,237,058	-	-
NEW	Kiosk - Admin Building & Poinciana Area	488,750	488,750	-	-	-
NEW	ThackerAve&ClaySt Intersection Imp - County	483,630	-	-	-	-
NEW	Parkway WRF - Additional Valves by GST	400,000	-	-	-	-
NEW	Reuse Pump Station Rebuild Harmony (ENG)	400,000	-	-	-	-
NEW	Replace SHWRF Sludge Blowers and Housing (3) (ENG)	400,000	-	-	-	-
NEW	Marigold Ave Intersections - Polk County	391,000	-	-	-	-
NEW	I/I GS Rehab - Toho 3	375,000	814,575	546,404	6,881,206	371,000
NEW	Replacement of Galvanized and Cast and Service Lines	350,000	600,000	850,000	1,100,000	1,350,000
NEW	Shady Lane Widening	244,200	-	-	-	-
NEW	Remodel of Joint Use Facility	200,000	-	-	-	-
NEW	Reedy Creek Interconnect	192,000	-	-	-	-
NEW	Lift Station Rehab - Toho 3	170,000	170,000	170,000	170,000	220,000
NEW	Jack Brack Rd. (Narcoossee - Absher) - Osceola County	165,145	165,145	694,150	694,150	-
NEW	Margold Ave. Safety Improvements	151,166	1,209,329	151,166	-	-
NEW	Parkway WRF Expansion to 3.5 MGD	150,000	-	300,000	-	415,000
NEW	FM Replacement-Renee Terrance	118,000	353,500	-	-	-
NEW	Site Lighting (ENG)	100,000	100,000	-	50,000	-
NEW	Sand Blasting and coating of WTP2 GST	100,000	-	-	-	-
NEW	Sandhill WRF Expansion to 9 MGD (AWT)	75,000	-	-	-	-
NEW	Headworks Concrete Rehab/Coating (ENG)	75,000	-	-	-	-
NEW	In-Plant Lift Station 58-E Rehab (ENG)	75,000	-	-	-	-
NEW	WM Relocation FL Turnpike (US 192 - Partin Settlement Road) - FDOT	21,000	-	168,000	-	-
NEW	CypressWestWRF Clarifier Mech&Aerostrip Diffusers	-	170,000	820,000	-	-

FY 2024-2028 Capital Improvement Plan

Dept # / Project #	Project Name	Adopted FY 2024	Proposed FY 2025	Proposed FY 2026	Proposed FY 2027	Proposed FY 2028
NEW	Parkway Middle Ventura Elementary Sidewalk - County	-	120,000	-	-	-
NEW	Majestic Oaks WM Replacement	-	200,000	477,500	477,500	-
NEW	Jones Road (Narcoossee Rd - Sunbridge Boundary) - Osceola County	-	-	-	455,000	847,000
NEW	South Bermuda WRF 18 MGD+ Expansion	-	-	-	-	1,000,000
NEW	Reunion Resort Reuse Station Driveway	-	200,000	-	-	-
NEW	Turnpike Improvements - Kissimmee Park Rd and NEW Nolte Rd Interchange	-	356,213	712,425	712,425	-
NEW	Cypress Parkway Roadway Improvements - Polk County	-	500,000	1,500,000	589,188	-
NEW	Avalon Road Realignment	-	-	400,000	850,000	850,000
NEW	Western Service Area Pressure Reducing Valve Improvement	-	-	100,000	-	-
NEW	Master Lift Station (LS-57, LS-06) Repairs	-	-	345,000	225,000	-
NEW	Poinciana Village 2 Neighborhood 1 WM Replacement	-	1,327,939	4,426,463	-	-
NEW	Replace diffusers in South Basin Lake Marion (ENG)	-	-	-	-	600,000
NEW	Replace Influent Mechanical Barscreens (2) - (ENG)	-	-	-	-	900,000
NEW	Plant Grounding System (ENG)	-	120,000	-	-	-
NEW	Replace aeration system in AB's (ENG)	-	-	-	500,000	-
NEW	Replace AER Blowers (ENG)	-	-	-	-	75,000
NEW	New Pretreatment Screen Cypress West (ENG)	400,000	-	-	-	-
NEW	Actuator for Clarifier Splitter Box Slide Gates (ENG)	-	-	-	-	200,000
NEW	Replace Clarifier Drives (ENG)	-	-	-	-	100,000
NEW	Replace Grit Classifier (ENG)	-	-	-	120,000	-
NEW	Actuator Valves for Disk Filters (3) - (ENG)	-	125,000	-	-	-
120041	SW WTP Well #5 (fka #3) RWM & Add GST	975,000	-	-	-	-
121046	South Bermuda WRF Expansion to 16 MGD	7,665,691	2,411,390	-	-	-
121090	Woodside Apartments Drainage Improvements Phases 1 and 2 - City	700,000	-	-	-	-
121099	LS 111 Screening Improvements	1,686,496	-	-	-	-
122002	Fortune Road and Simpson Road Intersection	2,253,508	2,753,090	688,273	-	-
122007	Boggy Creek Road	715,530	1,270,170	317,543	-	100,000
122008	Bypass Pumps for 12 Lift Stations	1,022,000	1,022,000	-	-	-
122011	Collection & Distribution PMO	750,000	750,000	750,000	750,000	-
122025	Hydrogen Sulfide Removal System at Five Water Treatment Plants	2,300,000	5,150,000	-	3,800,000	-
122036	Neptune Rd (Partn Settlement to US 192) - County	5,157,480	4,853,558	1,213,389	-	-
122040	Partin Settlement Widening	1,787,463	2,234,329	446,866	-	-
122084	CR 532 (Old Lake Wilson Rd to US 17-92 - County) - Cypress Lake Water Wheeling	6,501,180	5,200,944	1,300,236	-	-
123012	Facilities Master Plan Implemenation	1,500,000	550,000	550,000	4,500,000	4,500,000
123014	SSWWTF Reuse Storage Pond Expansion (EU)	-	2,325,000	-	-	-
123029	Richard McLaughlin (North Bermuda) WTP Improvements	924,000	650,000	698,000	-	-
123040	WTP #4 Imp. and expansion/temp filter rental.	6,788,670	10,607,297	10,607,297	-	-
123052	Sunset Dr Sewer Replacement	100,000	600,000	-	-	-
123056	16" WM & RM Old Hkry Tr Rd (Nolte Rd to Hkry Tree ES) (EU)	1,691,855	-	-	-	-
123057	Orange Blossom Trail & Osceola Parkway Traffic Signals - FDOT	670,247	-	-	-	-
123064	Biosolids Dewatering & Processing	-	-	485,000	230,000	-
123078	US 17-92 & Pleasant Hill Rd Intersection Improvements - FDOT	100,000	432,000	432,000	-	-
123079	16" WM Jack & Bore Crossing Railroad 600 feet Southwest of Ruby St	-	-	140,000	-	-

FY 2024-2028 Capital Improvement Plan

Dept # / Project #	Project Name	Adopted FY 2024	Proposed FY 2025	Proposed FY 2026	Proposed FY 2027	Proposed FY 2028
123080	ThackerAveExt-FloraBlvd to Ball Pk Rd-Cty/Ball Pk Rd-Osceola Pkwy-City	771,187	-	-	-	-
123112	Turnpike Widening (Partin Settlement to Osceola Parkway)	836,201	-	-	-	-
222003	Harmony WRF Interim Expansion to 0.75 MGD	2,500,000	-	-	-	-
317001	Simpson Road Phases 2,3,4 - North Segment	4,620,019	4,970,085	1,242,521	-	-
322006	Simpson Road Ph2/3/4 South Imp	3,633,765	2,906,692	726,673	-	-
322007	Boggy Creek Elementary & Parkway Middle School Sidewalk - County	7,000	30,000	-	-	-
422014	Reaves Rd FM Replacement	459,240	-	-	-	-
422021	Poinciana-Crescent lakes-Pleasant Hill	4,380,331	4,024,701	1,006,175	-	-
423008	Water Treatment Plant Demolition	50,000	50,000	50,000	-	-
523010	The Ranch Well Reuse Augmentation Project	1,300,000	-	-	-	-
TOTAL OPERATING FUND 421		105,380,768	92,236,148	59,469,678	41,122,909	34,829,149
TOTAL OPERATING FUND 421 W/CAPITAL OUTLAY EXPENDITURES		142,401,875	127,681,776	92,564,256	75,235,442	69,819,971

FY 2024-2028 Capital Improvement Plan

Dept # / Project #	Project Name	Adopted FY 2024	Proposed FY 2025	Proposed FY 2026	Proposed FY 2027	Proposed FY 2028
SYSTEM DEVELOPMENT CHARGES WATER FUND 422						
NEW	Private Development Line Extensions & Upgrades for Specific Projects	1,118,000	-	-	-	-
NEW	GS, FM, WM, RM, & Lift Station Upsizing	300,000	-	-	-	-
NEW	Misc Extensions in Unserved Areas	500,000	500,000	500,000	500,000	-
NEW	10th Street Corridor Relocations/Improvements (EU)	-	-	-	60,000	270,000
NEW	8" WM Connecting E 19th St to Hickory Tree Rd (EU)	-	219,120	438,240	438,240	-
NEW	FM CC Rd, Dr Rn Rd to GIR P1 (Grn Island) (EU)	250,000	250,000	-	-	-
NEW	Old Canoe Creek WM Extension for Edgewater (EU)	227,000	567,000	567,000	-	-
NEW	Turnpike Interchange Imp-WM Adj (EU)	96,000	-	-	-	-
NEW	US192 Crossing Columbia (EU)	275,000	-	-	-	-
NEW	US192 Crossing Crawford Rehab (EU)	275,000	-	-	-	-
NEW	Huron WTP- Generator Upsize	37,500	125,000	-	-	-
NEW	St. Cloud Interconnections	490,000	-	-	-	-
NEW	NEBS Fill Line - 16" WM on Narcoossee Road from US192 to Rummell Road	-	-	-	-	806,000
NEW	Huron WTP Expansion- MP Project	1,537,500	15,125,000	-	-	-
NEW	CL Transmission Segment 19a	-	-	-	1,061,000	2,050,000
NEW	16" WM on Canoe Creek Rd from Deer Run Rd to Green Island Ranch P1	250,000	250,000	-	-	-
NEW	CL Transmission Segment 19d - 24" WM on Friars Cove from W-25 to Canoe Creek Rd	446,500	1,116,000	1,116,000	-	-
NEW	CL Transmission Segment 19g - From CL WM to POC in GIR	-	-	-	-	663,000
NEW	New WTP#1 Well on Offsite Parcel	482,400	1,206,000	1,206,000	-	-
NEW	12" WM on Creekwood Drive from Canoe Creek Rd to Old Canoe Creek Road	-	333,000	832,000	832,000	-
NEW	16" WM on Rummell Rd from Narcoossee Rd to NEBS	756,000	756,000	-	-	-
NEW	16" WM on Nova Road from Bluebird Ave to CLR N-2	-	-	-	-	192,000
NEW	18" WM on WPA Canal (Edgewater to Old Canoe Creek Rd)	-	-	-	-	369,000
NEW	Wheeler and Daniels RIBs Design	-	-	-	-	700,000
113031	Cypress Lake WTP & Raw Water Pipelines	5,209,000	7,661,000	2,230,000	2,000,000	2,000,000
113032	Toho Reservoir (Judge Farms) Surface Water Treatment Facility	25,351,345	47,201,652	8,416,917	-	-
121049	Hoagland Blvd WM	5,000,000	6,000,000	-	-	-
121069	Shingle Creek SWTF	5,511,587	28,644,304	33,283,598	30,000,000	-
122002	Fortune Road and Simpson Road Intersection	694,201	2,903,121	725,780	-	-
122007	Boggy Creek Road	3,994,399	3,195,519	798,880	-	-
122014	Cyrils Drive Reuse Main Extension	511,500	-	-	-	-
122058	SunbridgeWTPFreeChlorineConver	500,000	19,000,000	12,700,000	-	-
122084	CR 532 (Old Lake Wilson Rd to US 17-92 - County) - Cypress Lake Water Wheeling	2,864,221	1,718,532	1,145,689	-	-
123019	Hkry Tr Rd 16" WM (Twn Lk Blvd-IB Mem Hwy) (EU)	1,450,000	1,780,000	-	-	-
123025	WTP#4 WM Transmission South/East (EU)	1,242,000	1,242,000	1,242,000	-	-
123033	Nolte Road Water BPS (Center Lake) (EU)	676,524	-	-	-	-
123034	Pine Lake Estates WM Replc (EU)	155,000	-	-	-	-
123040	WTP #4 Imp. and expansion/temp filter rental.	1,211,330	1,892,703	1,892,703	-	-

FY 2024-2028 Capital Improvement Plan

Dept # / Project #	Project Name	Adopted FY 2024	Proposed FY 2025	Proposed FY 2026	Proposed FY 2027	Proposed FY 2028
123043	CL WM Transmission Segment 19c - GIR (EU)	700,000	700,000	700,000	-	-
123046	CL WM Transmission Segment 19b - GIR (EU)	651,000	651,000	651,000	-	-
123073	NEBS Capacity Increase (Center Lake) (EU)	2,770,000	1,057,000	-	-	-
123079	16" WM Jack & Bore Crossing Railroad 600 feet Southwest of Ruby St	-	-	185,000	-	-
123090	Mann St. Roadway Improvements - COK	397,094	-	-	-	-
123099	Cypress Lake Transmission Mains	3,349,651	9,045,114	18,323,766	17,895,690	11,019,846
123102	Northwest WTP Storage Expansion-MP Project	2,000,000	-	-	-	-
123103	Kindred Reuse Main NeoCity Reservoir to Tohoqua at Macy Island Rd	937,000	937,000	937,000	-	-
222002	Harmony WTP Upgrade&Expansion	7,116,982	17,974,871	8,699,963	-	-
317001	Simpson Road Phases 2,3,4 - North Segment	5,131,813	5,889,147	1,472,287	-	-
322002	BVL WTP Upgrade	8,774,000	16,219,000	119,000	-	-
422006	Poinciana Utilities Extension	1,500,000	1,000,000	1,000,000	1,000,000	-
422019	Pleasant Hill Rd 16" Water Main Extension	315,300	-	-	-	-
422021	Poinciana-Crescent lakes-Pleasant Hill	13,140,993	12,074,103	3,018,526	-	-
423006	DoverPlum Country Club WM	1,126,123	1,084,082	-	-	-
523005	Indian Lakes Reuse Main Modifications	55,000	-	-	-	-
523010	The Ranch Well Reuse Augmentation Project	1,300,000	-	-	-	-
TOTAL SDC WATER FUND 422		110,676,963	208,317,268	102,201,349	53,786,930	18,069,846

FY 2024-2028 Capital Improvement Plan

Dept # / Project #	Project Name	Adopted FY 2024	Proposed FY 2025	Proposed FY 2026	Proposed FY 2027	Proposed FY 2028
SYSTEM DEVELOPMENT CHARGES WASTEWATER FUND 423						
NEW	Harmony WRF Expansion to Approximately 1.3 MGD	1,500,000	3,000,000	9,000,000	4,000,000	-
NEW	Parkway WRF Expansion to 3.5 MGD	-	-	2,160,000	2,500,000	4,150,000
NEW	FM Replacement-Renee Terrance	118,000	353,500	-	-	-
NEW	Sandhill WRF Expansion to 9 MGD (AWT)	-	-	-	-	1,500,000
NEW	CypressWestWRF Clarifier Mech&Aerostrip Diffusers	-	170,000	170,000	-	-
NEW	South Bermuda WRF 18 MGD+ Expansion	-	-	-	-	1,000,000
NEW	Private Development Line Extensions & Upgrades for Specific Projects	965,500	-	-	-	-
NEW	GS, FM, WM, RM, & Lift Station Upsizing	-	300,000	300,000	300,000	300,000
NEW	10th Street Corridor Relocations/Improvements (EU)	-	-	-	60,000	270,000
NEW	West Carrol St. Reuse Interconnect-Master Plan Project	-	-	-	459,000	-
NEW	St. Cloud Interconnections	33,000	-	-	-	-
NEW	16" RM DrRnRd&8thAve/CC Rd-PnTrDr (Grn Island) (EU)	90,000	225,000	225,000	-	-
NEW	16" RM Old Hkry Tr Rd and 10th St (Hkry Tr ES to 10th to Narc) (EU)	2,381,400	2,381,400	-	-	-
NEW	24" RM on Cord Ave - Pinetree Drive to SSWTP (Grn Island) (EU)	55,000	55,000	-	-	-
NEW	SSWRF Clarifier #3 rehab (EU)	-	125,000	-	-	-
NEW	SSWRF Clarifier 1&2 Coating (EU)	-	125,000	-	-	-
NEW	SSWRF Digester AER Rehab (EU)	1,000,000	-	-	-	-
NEW	FM Deer Run Rd to Pine Tree Rd (Grn Island) (EU)	125,000	125,000	-	-	-
NEW	SSWRF Headworks rehab and coating (EU)	50,000	-	-	-	-
NEW	Hopkins Park Septic-to-Sewer Project (EU)	78,787	315,147	-	-	-
NEW	SSWRF IR upgrades / replacements (EU)	-	-	200,000	-	-
NEW	Lift Station/FM Upsizing (EU)	-	200,000	200,000	100,000	200,000
NEW	Nolte Rd 12" FM-Barina St to Future LS342 (EU)	-	344,000	860,000	860,000	-
NEW	Offsite RM CC Rd, Dr Rn Rd-GI P1 (Grn Island) (EU)	250,000	250,000	-	-	-
NEW	SSWWTF Stormwater LS Imp (EU)	-	-	240,000	-	-
NEW	Edgewater & Tohoqua LS Connections - St. Cloud	1,231,000	1,231,000	-	-	-
NEW	8" FM on Jack Brack Road from Zuni Rd to McMichael Road	-	-	600,000	1,500,000	1,500,000
NEW	SSWRF Reuse Pump Station Additional Pumps	-	250,000	-	-	-
NEW	6" FM on Nova Road from Bluebird Ave to CLR N-2 Out-Parcel	-	-	-	-	72,000
NEW	20" RM on Jack Brack Road from Sable Glen Dr to Sunbridge WRF	-	-	3,110,000	3,110,000	3,110,000
NEW	Green Island Storage and Repump Facility	-	-	270,000	540,000	540,000
NEW	16" RM on Pine Tree Dr from Bayview Ln to Cord Ave	49,000	243,000	243,000	-	-
NEW	16" RM on Creekwood Dr Ext from Canoe Creek Rd to Old Canoe Creek Rd	-	380,000	950,000	950,000	-
NEW	24" RM on Narcoossee Road from Rummell Rd to Terrapin Blvd.	1,128,000	1,128,000	-	-	-
NEW	8" RM on Nova Rd from Bluebird Ave to CLR N-2	-	-	-	-	82,000
NEW	SSWRF Additional Bar Screen	350,000	-	-	-	-
NEW	SSWRF Aeration Basin DO Control	801,000	-	-	-	-
NEW	SSWRF On-Site Lift Station 58-E Rehab	75,000	-	-	-	-

FY 2024-2028 Capital Improvement Plan

Dept # / Project #	Project Name	Adopted FY 2024	Proposed FY 2025	Proposed FY 2026	Proposed FY 2027	Proposed FY 2028
NEW	Southside AER Blower Replacement	-	-	-	-	150,000
NEW	SSWRF - Replace Aeration System in Abs	-	-	-	500,000	-
NEW	SSWRF - Spare AER Blower and Evaluate Air Header Size	300,000	-	-	-	-
NEW	16" FM from Simpson Rd Area to Parkway WRF	-	-	400,000	1,000,000	1,000,000
NEW	16" FM from Hilliard Isle/Lakeside to Parkway WRF	-	300,000	700,000	-	-
NEW	New Southport/GIR WRF	-	-	-	-	2,000,000
118022	Sunbridge WRF	12,363,000	5,600,000	-	-	-
118024	Expansion-LS06-Add4th Pump&VFD	36,000	-	-	-	-
121046	South Bermuda WRF Expansion to 16 MGD	7,136,214	2,092,211	-	-	-
122002	Fortune Road and Simpson Road Intersection	-	385,845	96,461	-	-
122014	Cyrils Drive Reuse Main Extension	511,500	-	-	-	-
123002	West Reuse SRF (EU)	-	4,000,000	-	-	-
123037	16" RM 10th St (Old Hkry Tr Rd to Narcsee Rd) (EU)	1,053,000	713,000	-	-	-
123064	Biosolids Dewatering & Processing	-	-	1,615,000	770,000	-
123070	FM Pine Tree Rd to Southside WWTP (Grn Island) (EU)	570,000	570,000	-	-	-
123086	Underwood Sewer Rehab (EU)	361,000	-	-	-	-
123103	Kindred Reuse Main NeoCity Reservoir to Tohoqua at Macy Island Rd	937,000	937,000	937,000	-	-
222003	Harmony WRF Interim Expansion to 0.75 MGD	3,740,000	-	-	-	-
322006	Simpson Road Ph2/3/4 South Imp	1,789,569	1,431,655	357,913	-	-
422006	Poinciana Utilities Extension	1,500,000	1,000,000	1,000,000	1,000,000	1,000,000
TOTAL SDC WASTEWATER FUND 423		40,577,970	28,230,758	23,634,374	17,649,000	16,874,000

FY 2024 Capital Plan

Operating Capital Expenditures	142,401,875
Water Development Fund	110,676,963
Sewer Development Fund	40,577,970
Capitalized Labor	3,539,184

Total Capital Projects and Expenditures* **297,195,992**

**100% total Capital budget; for financial planning 75% execution assumed*