



Village Board Committee of the Whole Financial Update and 2024-2033 CIP

SEPTEMBER 6, 2023

Presentation Overview

Financial Update

- Revenue and Expense Update
- Information through July

Budget Preview

- Tax Levy Preview
- Water, Sewer, Stormwater, & Refuse rates
- Personnel Projections
- Reserve Information

Capital Program

- 2024-2033 Capital Program
 - Overview of the 10-year capital program
 - Focused review of 2024 capital program
 - Category overview

Goals for Tonight's Meeting

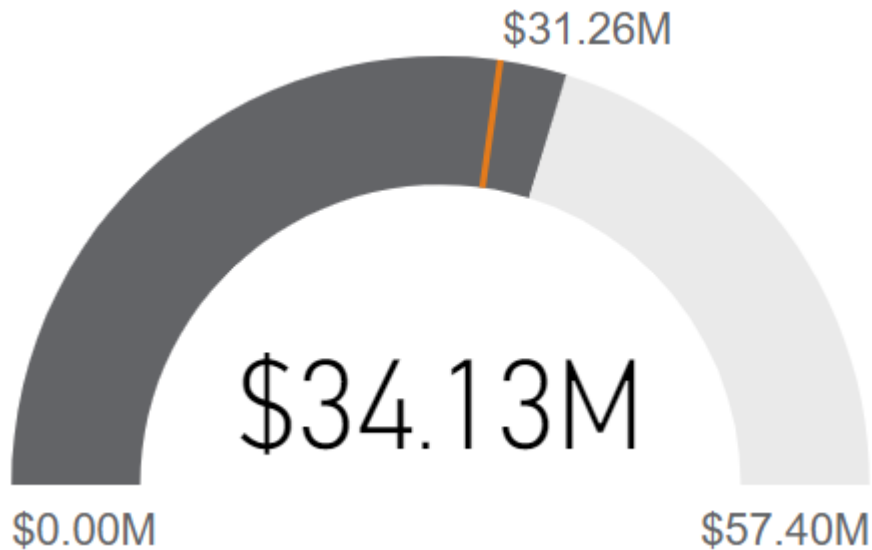
1. Provide an update on the Village's financial position
2. Identify budgeting parameters for 2024
3. Identify priority capital projects



2023 Financial Update

2023 Revenue Performance

7-Month Performance



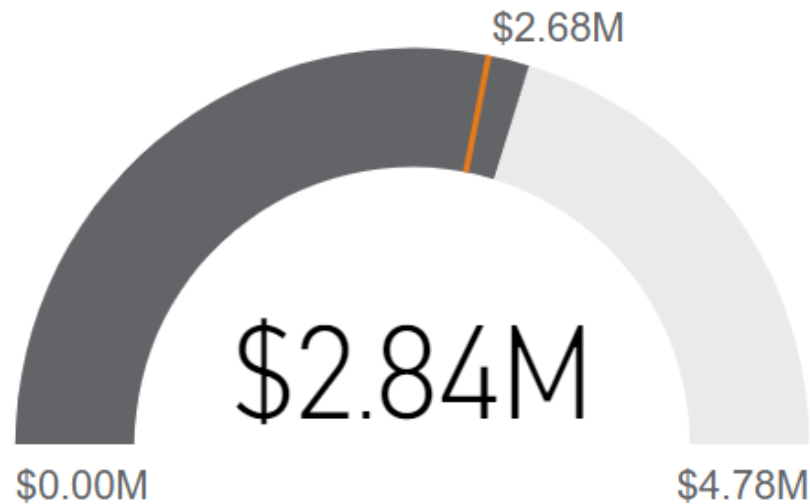
	2023 Budget	2023 YTD Budget	2023 YTD Actual
General Fund	\$39.94	\$22.11	\$24.26
Water Fund	\$10.26	\$5.59	\$6.29
Sewer Fund	\$5.01	\$2.35	\$2.36
Stormwater	\$2.19	\$1.21	\$1.23

**In Millions*

General Fund Revenues

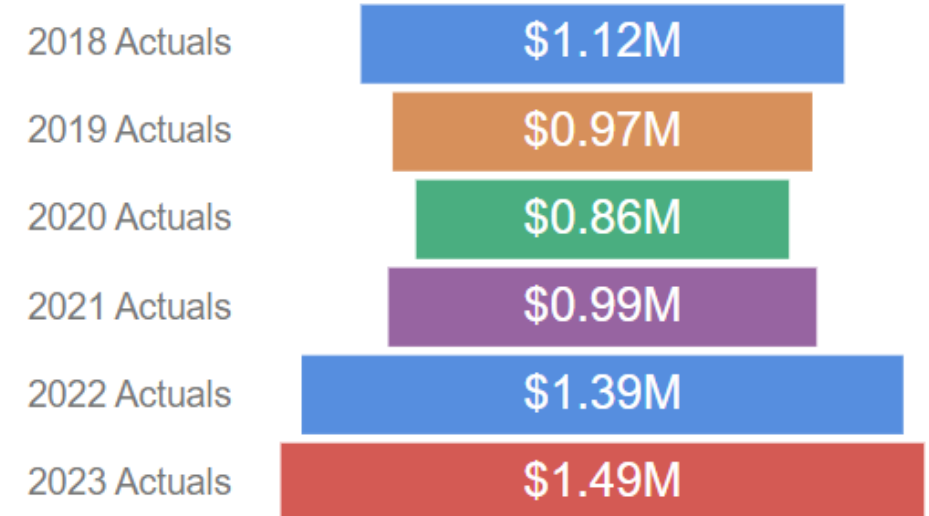
SALES TAX

Revenues up \$158k compared to budget; up 6.6% compared to 2022



HOME RULE SALES TAX

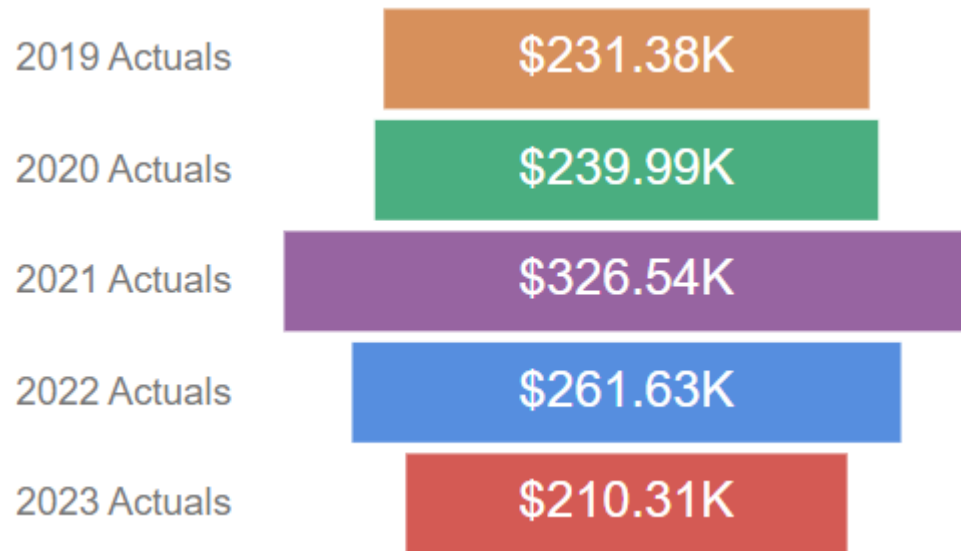
Revenues of \$1.49M; up \$97k compared to 2022 and 5% to budget



General Fund Revenues

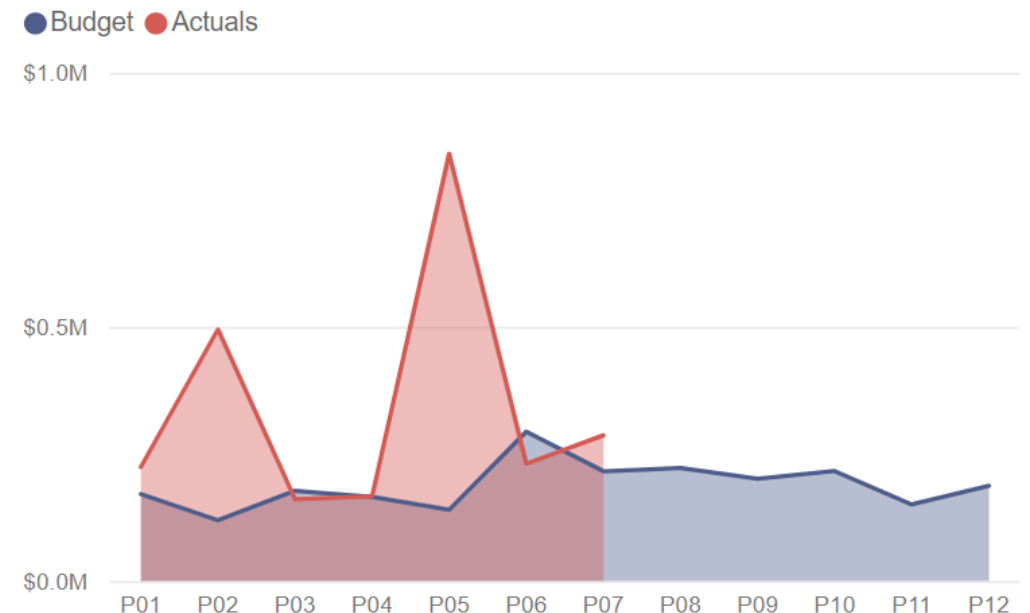
REAL ESTATE TRANSFER TAX

Recurring revenues down \$82k to budget;
transactions down to 283 from 334 in 2022



BUILDING PERMITS

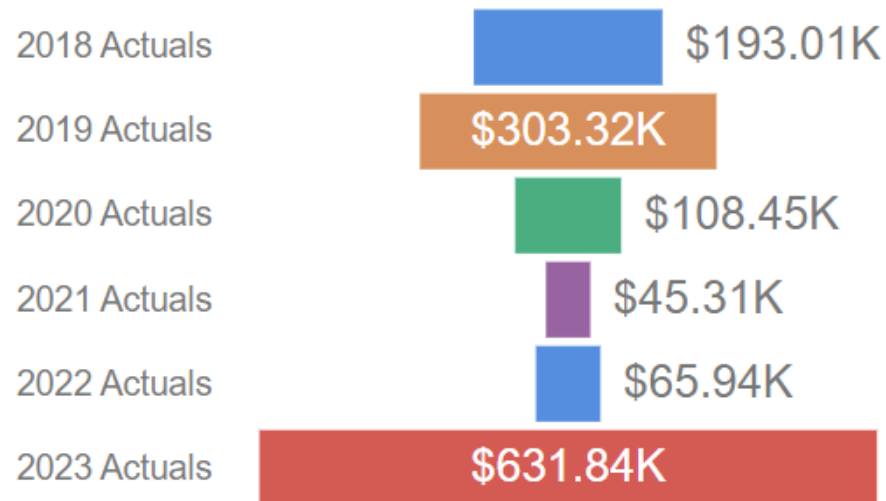
Recurring permits down 4% from 2022;
4 one-time permits totaling \$1.03M



General Fund Revenues

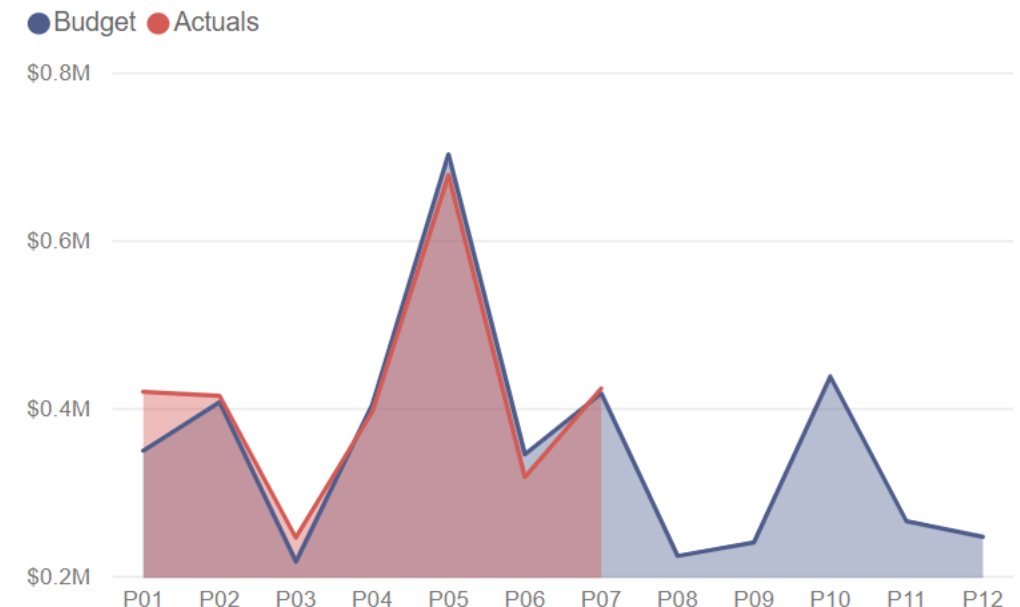
INVESTMENT INCOME

Investment and interest earnings up across all funds; General Fund above 3 times estimated full year budget



INCOME TAX

Up \$52k compared to budget, revenues down 7% compared to 2022



General Fund Revenues

REFUSE CHARGES

Revenues aligned with budget and consistent with prior years; \$23.75 monthly charge

2018 Actuals	\$1.35M
2019 Actuals	\$1.35M
2020 Actuals	\$1.36M
2021 Actuals	\$1.36M
2022 Actuals	\$1.36M
2023 Actuals	\$1.36M

VEHICLE STICKERS

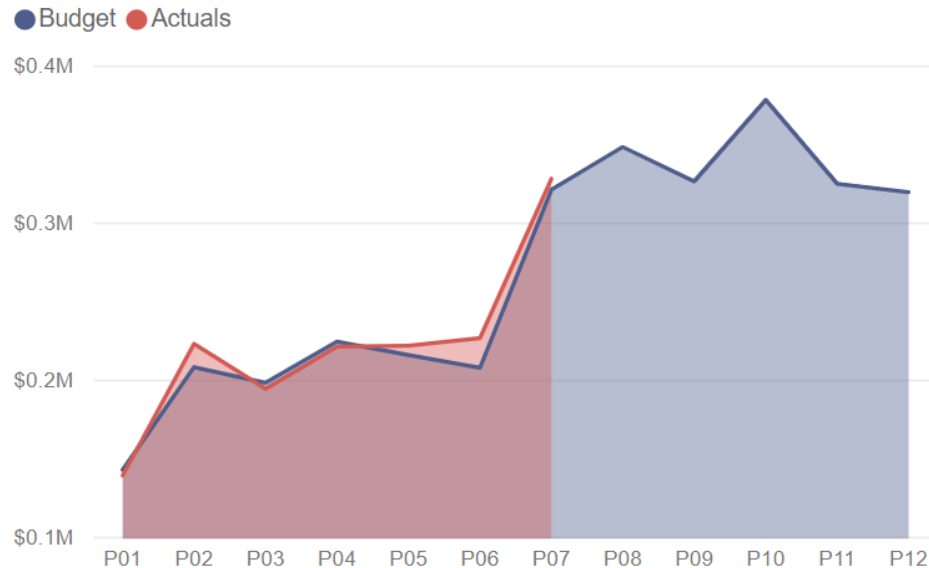
Revenues up slightly compared to budget, 18,125 stickers sold in 2023; \$80 standard sticker fee

2018 Actuals	\$1.76M
2019 Actuals	\$1.80M
2020 Actuals	\$1.66M
2021 Actuals	\$1.71M
2022 Actuals	\$1.71M
2023 Actuals	\$1.70M

Water Fund Revenues

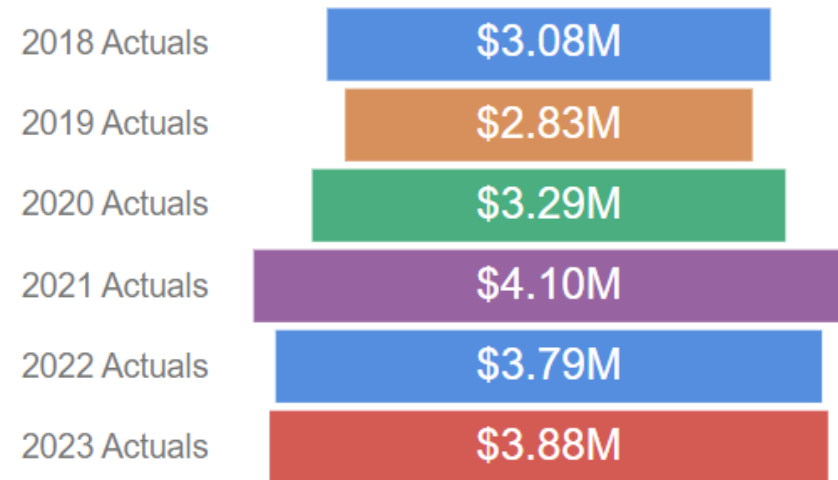
RESIDENTIAL WATER CHARGES

Revenues aligned with budget; \$2.75 per CCF charge



WHOLESALE WATER SALES

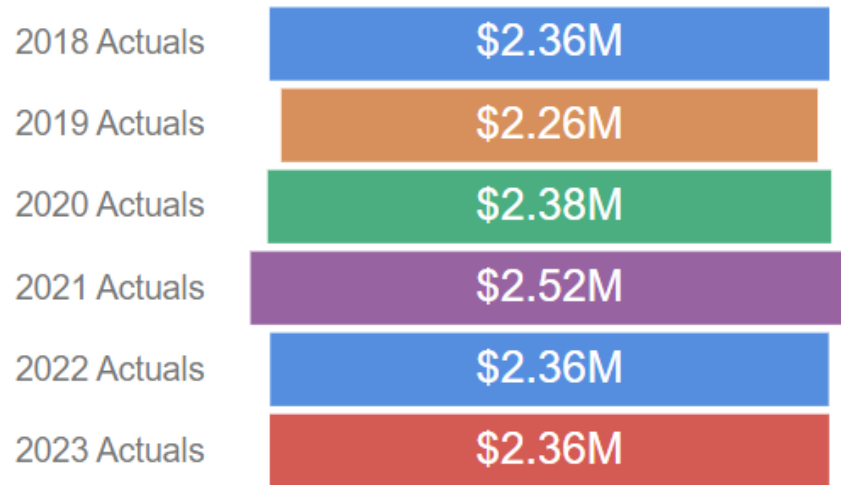
Total revenues of \$3.9M YTD, up 2% compared to prior year actuals



Sewer & Stormwater Revenues

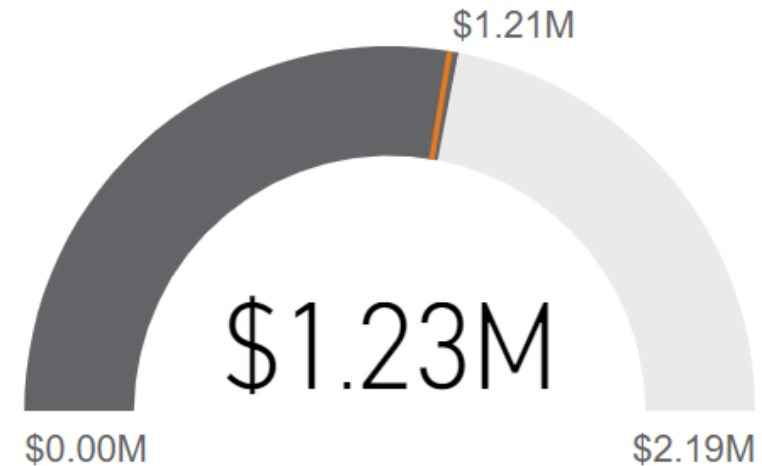
RESIDENTIAL SEWER CHARGES

Revenues consistent with budget and consumption; \$4.40 per CCF charge



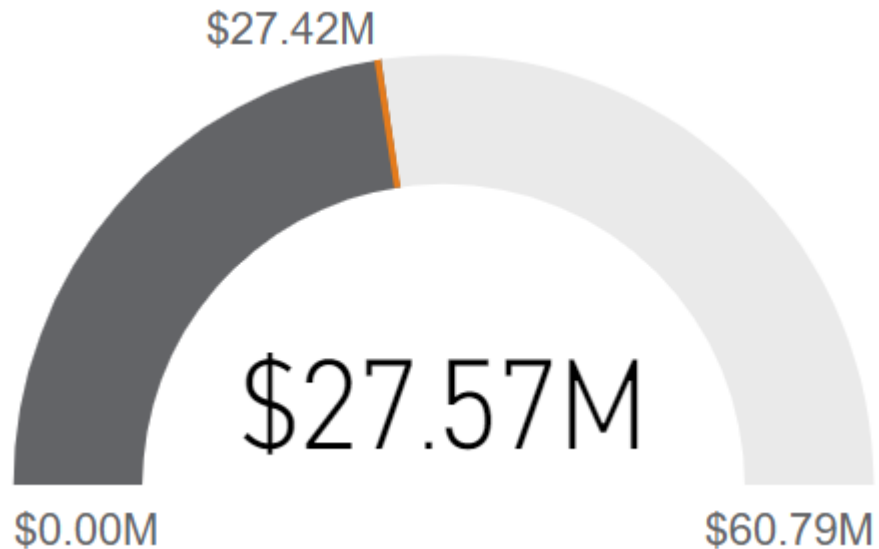
STORMWATER CHARGES

Revenues consistent with prior year actuals; average annual homeowner bill of \$215



2023 Expense Performance

7-Month Performance



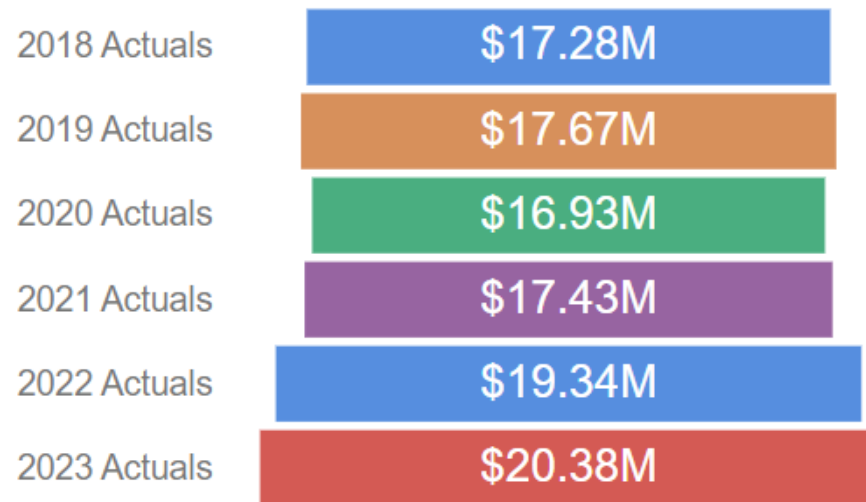
	2023 Budget	2023 YTD Budget	2023 YTD Actual
General Fund	\$42.53	\$20.79	\$20.38
Water Fund	\$10.39	\$3.91	\$4.11
Sewer Fund	\$5.52	\$1.58	\$1.81
Stormwater	\$2.35	\$1.13	\$1.28

**In Millions*

General & Water Fund Expenses

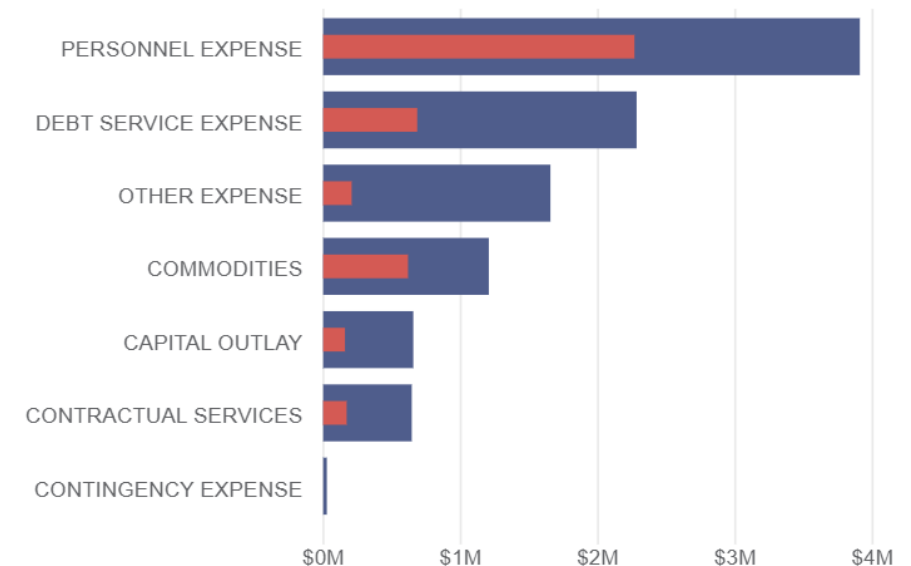
GENERAL FUND EXPENSES

Aligned with budget projections; up 5% compared to 2022 due to reserve drawdown and capital investment



WATER FUND EXPENSES

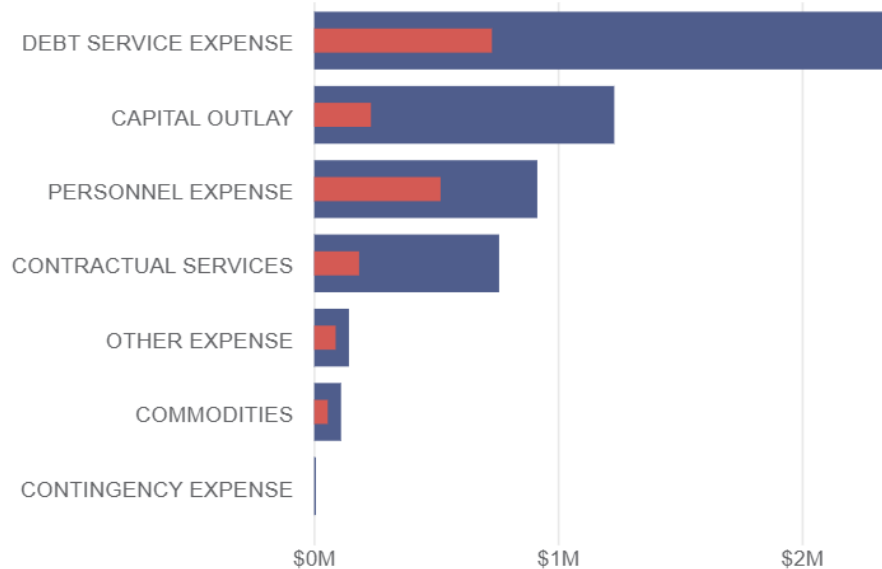
Total expenses of \$4.11M; 5% above YTD budget and 40% of annual spending



Sewer & Stormwater Expenses

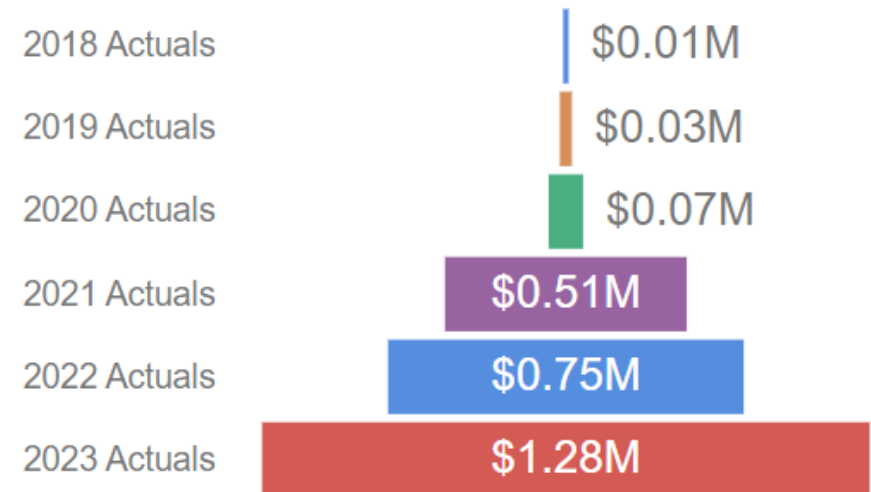
SEWER EXPENSES

Total expenses of \$1.81M, slightly outpacing budget; primary debt expense in May & November



STORMWATER EXPENSES

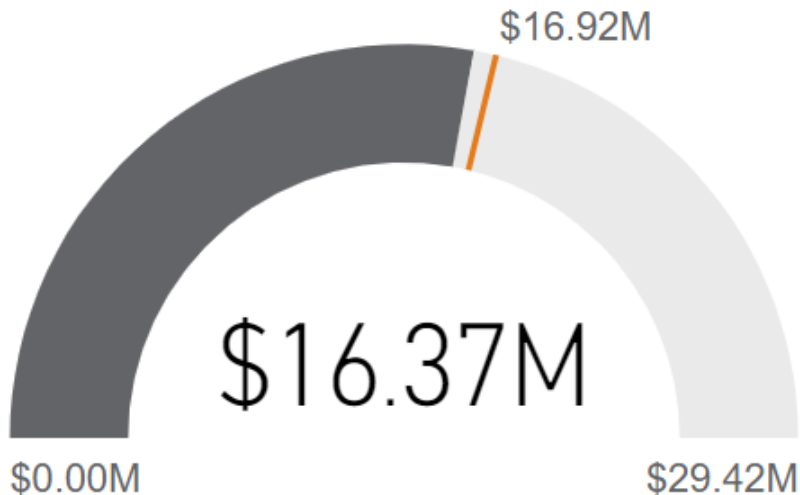
Total expenses of \$1.28M, aligned with budget; primary debt expense in May & November



Personnel Expenses

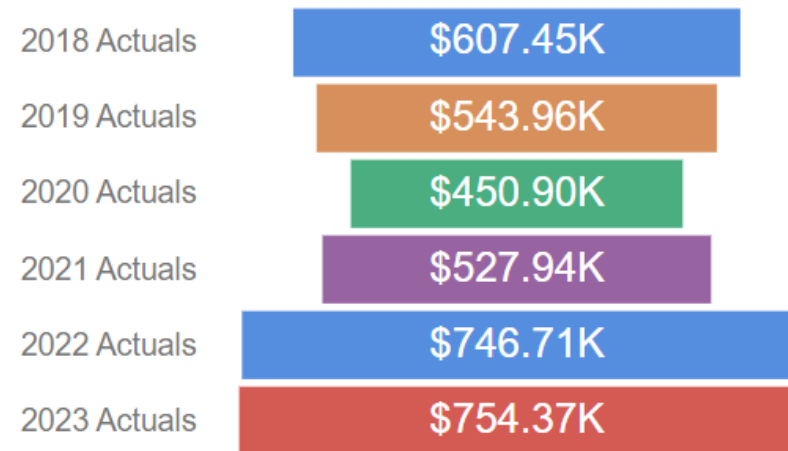
REGULAR WAGES & BENEFITS

Below budget estimate by 3% due to vacancies; includes inflationary impact payment



OVERTIME

Total expenses of \$754k; up 1% compared to 2022 YTD; 20/21 were low due to pandemic



2023 Reserve Analysis

	General Fund	Water Fund	Sewer Fund	Stormwater
Target Percent	30%	25%	25%	5%
Recommended Balance	\$12.02	\$2.60	\$1.38	\$118k
Starting Balance	\$19.80	\$6.08	\$3.19	\$919k
Starting Balance Percent	49%	59%	58%	39%
Budget YE Balance	\$17.21	\$5.95	\$2.68	\$757k
Budget YE Balance Percent	43%	57%	49%	32%
Projected YE Balance	\$19.75	\$6.72	\$2.66	\$770k
Projected YE Balance Percent	49%	65%	48%	33%
Projected Amount over Target	\$7.74	\$4.12	\$1.28	\$653k

**In Millions*



2024 Budget Preview

2024 Budget Methodology

- Structurally balanced operating budget
 - Minimize use of reserves to offset operations
 - Set tax, utility, and refuse rates to balance services and ratepayer impacts
 - Project responsible revenue increases based upon historical trends
 - Project moderate expense increases based upon operational needs
- Continue drawdown of reserve levels to recommended levels
 - Utilize reserves for one-time projects, pensions, and tax/rate stabilization
 - Reserve draw based on June 20 workshop
- Continue regular financial reviews to ensure decision making is timely and effective

2024 Revenues

- Positive Indicators
 - *Interest Income*
 - *Sales Tax and HRST remain strong performers*
- Areas to Watch
 - *Real Estate Transfer Tax – transaction volume*
 - *Income Tax and PPRT*
- Future Considerations
 - *Sales tax from Edens Plaza and Plaza del Lago*
 - *Water rate increases to fund capital such as Water Intake Line*
 - *Funding sources for water main and lead service replacements*

Taxpayer Impact

	2023 Approved	2024 Initial
Levy Increase	(0.56%)	3.19%
Water Rate	\$2.75/unit	\$2.75/unit
Sewer Rate	\$4.40/unit	\$4.40/unit
Stormwater Fee	\$215	\$255
Refuse Fee	\$23.75/month	\$29.35/month
Yard Waste Sticker	\$2.25	TBD
Vehicle Sticker	\$80	\$80

Tax Levy Information

- 2023 Budget = \$20.71 million
- 2024 projection of 3.19%
 - \$660,700 total increase in levy
- Projected future levy
 - 2025 - \$1.06M (4.94%)
 - 2026 - \$1.16M (5.15%)
 - 2027 - \$1.50M (6.37%)

Levy Component Increases

	2023 Approved	2024 Initial	2024 Update
Operations/Roads	(1.04%)	3.46%	3.46%
Public Safety Pension	0.00%	1.24%	0.00%
Debt Service	0.48%	(0.27%)	(0.27%)
Total Increase	(0.56%)	4.43%	3.19%

Stormwater Rates

- Funds the debt service for the Neighborhood Storage Project
 - Phase 1a – Village-wide storm sewer
 - Phase 1 – Community Playfield
 - Phase 2 – Hibbard Park
 - Phase 3 – Thornwood Park
- Fees continue to be revised downward
 - 2022 revised down \$77
 - 2023 revised down \$110
 - 2024 revised down \$125

	Fixed Fee	Cost per ERU	Average Residential Bill
2020	\$40	104	\$144
2021	\$50	\$125	\$175
2022	\$60	\$155	\$215
2023 (Approved)	\$60	\$155	\$215
2024 (Projected)	\$80	\$175	\$255

2024 Expenses

- Personnel expenses
 - *Assumptions for salaries and benefits*
- Capital preview
 - *Investment in Village infrastructure plan*
- Operating Expenses
 - *Maintain or enhance current service levels*
 - *Monitor impacts of inflation and supply chain*
- Reserve Drawdown Plan
 - *Utilize funds for one-time expenditures*
 - *Reserve draw based on June 20 workshop discussion*

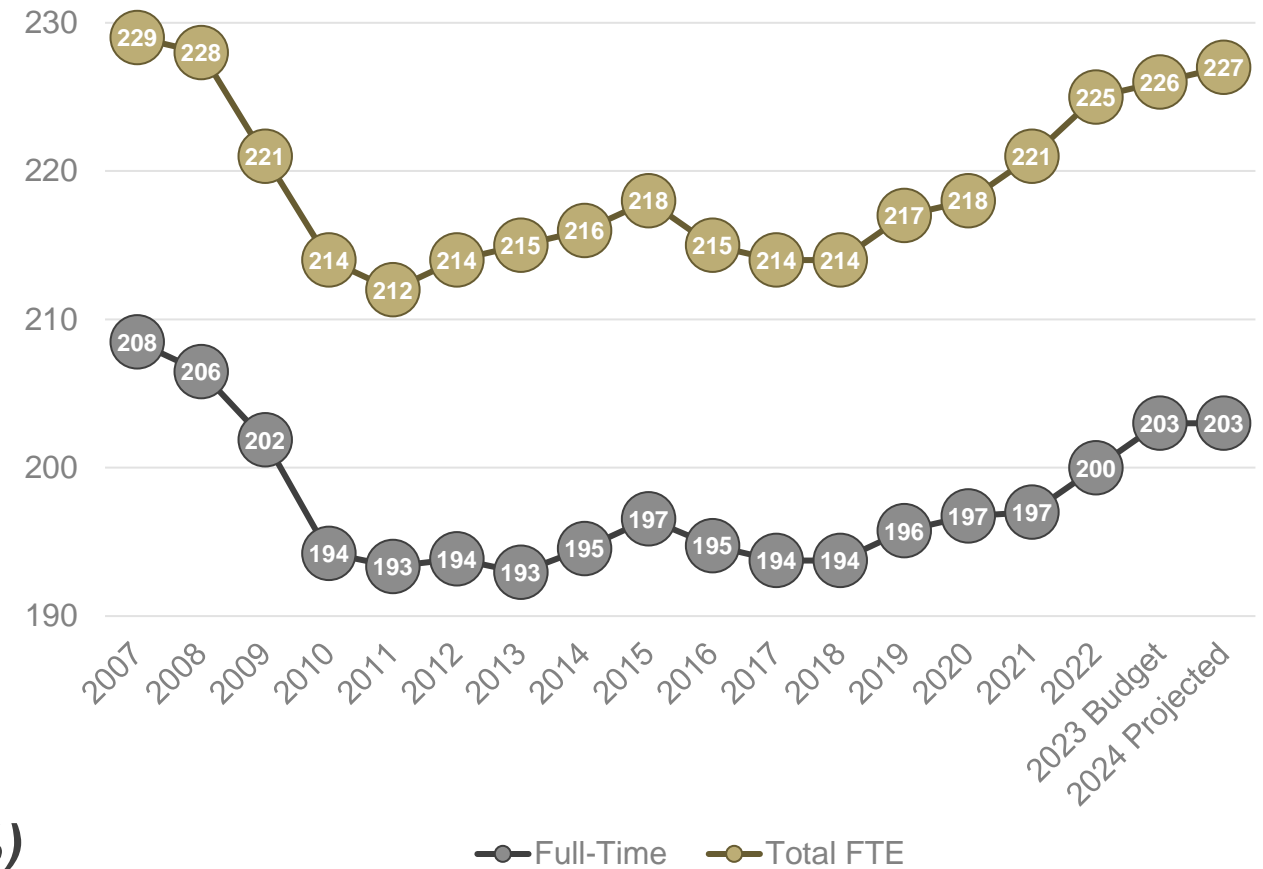
Personnel Expenses

- Salary Assumptions

- Annual wage adjustment and movement through pay scale
- No full-time position requests anticipated

- Benefit Assumptions

- IMRF preliminary rate is 6.77%
 - Increase from 6.42%
- Healthcare projected between 3.1% to 5.5%
- Public Safety Pensions
 - Impact of 15-Year rolling amortization
 - Projected \$200,000 drawdown of reserve in 2024



Preliminary increase of \$592 thousand (1.91%)

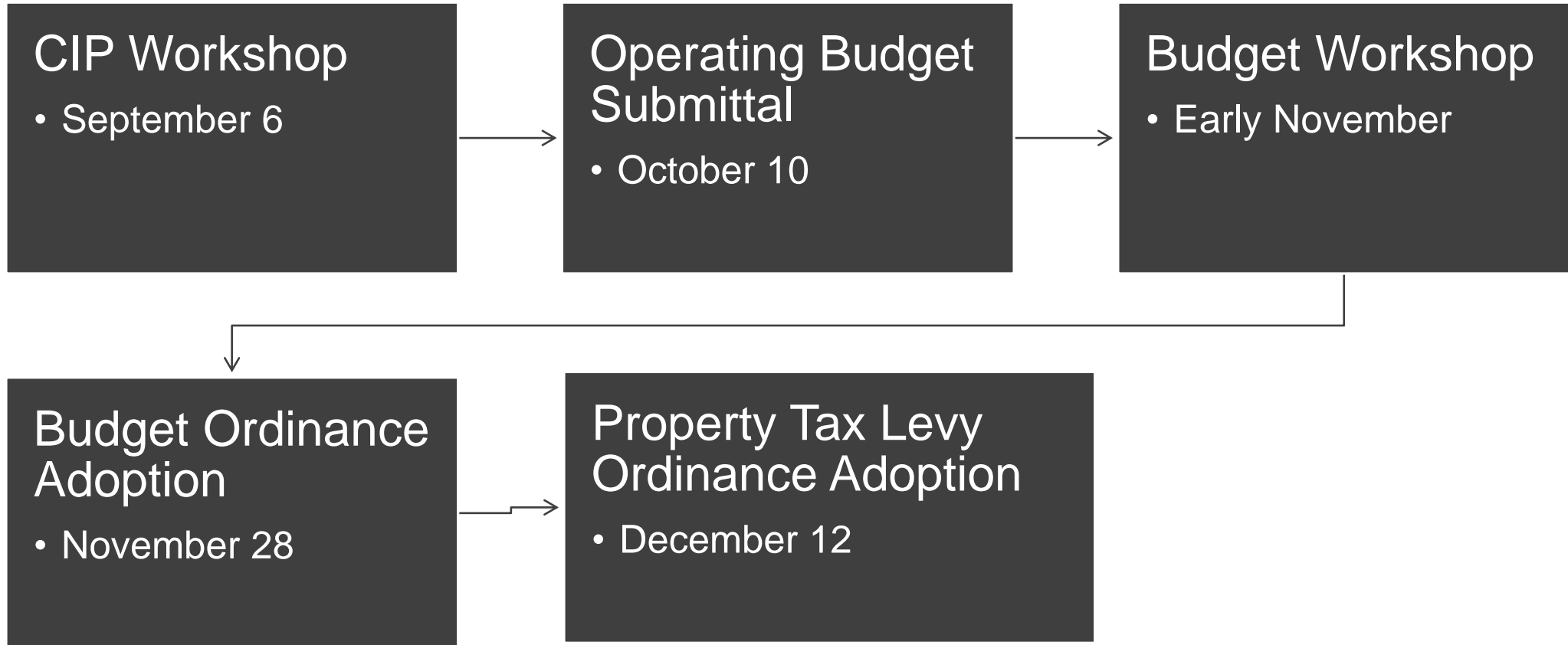
Reserve Drawdown

- Capital Investment
 - Edens Pollinator Corridor
 - Phase 1 Engineering Studies
 - Active Transportation
 - Downtown Parking Study
 - Continuation of infrastructure investment
- Operating Budget
 - DEI Review
 - Continuation of property taxpayer relief
 - Pensions

***Current reserve
draw of
\$2.34 million
planned for
2024***

May use additional reserves to support infrastructure program

Budget Schedule

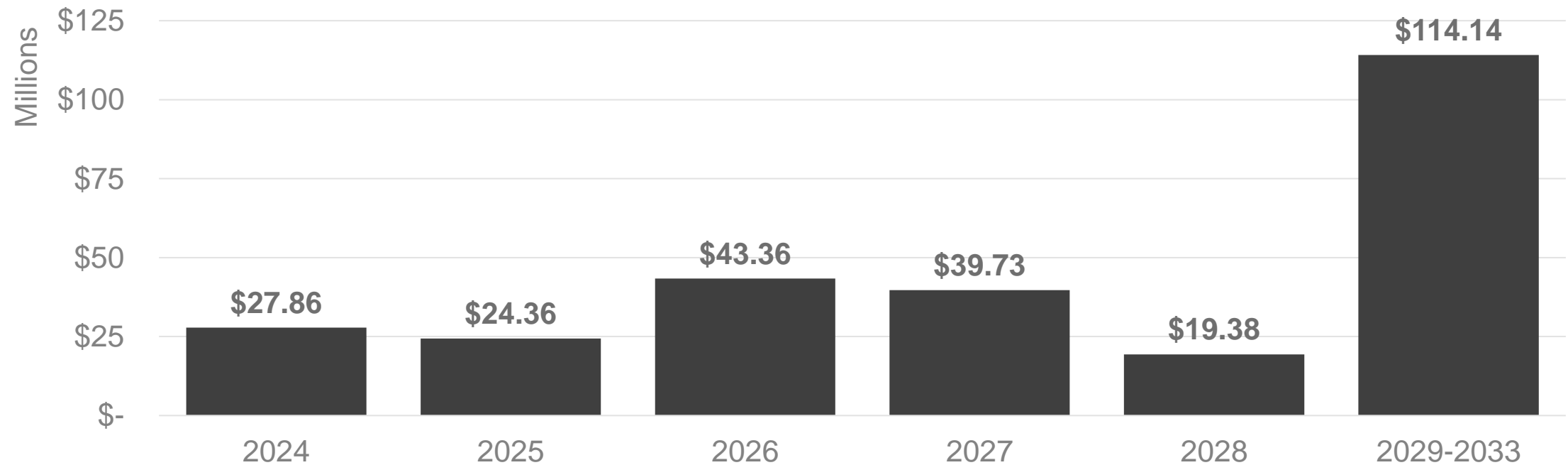




2024-2033 Capital Program

10-Year Capital Program Overview

Total Investment of \$268.8 million for infrastructure needs of community



2024 Capital Program Overview

	2024 Proposed
Professional Services	140,570
Equipment	370,150
Information Technology	386,195
Vehicles	1,989,200
Buildings & Grounds	3,710,400
Sewer	5,562,500
Water	7,663,310
Streets, Sidewalks, Alleys	8,034,722
TOTALS	\$ 27,857,047

- 2023 Approved Comparison
 - 74 projects valued at \$19.3 million
- 2024 Capital Program
 - Increase of 44% from 2023
 - 75 projects/purchases valued at \$27.9 million
- 2024 Forecast Comparison
 - 80 projects valued at \$23.4 million
- 2023 to 2024 Major Updates
 - Advancement of engineering for New Police Station valued at \$2.0M
 - Deferral of 12 approved projects valued at \$6.2M
 - Addition of 5 projects for reserve draws valued at \$1.3M

2023 to 2024 Capital Update

PROJECT DEFERRALS

- Historic Resources Survey
- Cashiering Software Upgrade
- Treatment Process Improvements (Phases 1 & 2)
- Water Intake and Low Lift Pumping Station
- Corrosion Control Inhibitor Study
- Maple Avenue Outfall Repair
- Village Facility Roof Replacement
- Vehicle Replacements
- Automatic Meter Reading Program
- Sewer Lining and Rehabilitation
- SWPS Electrical Improvements

Total of \$6.19 million

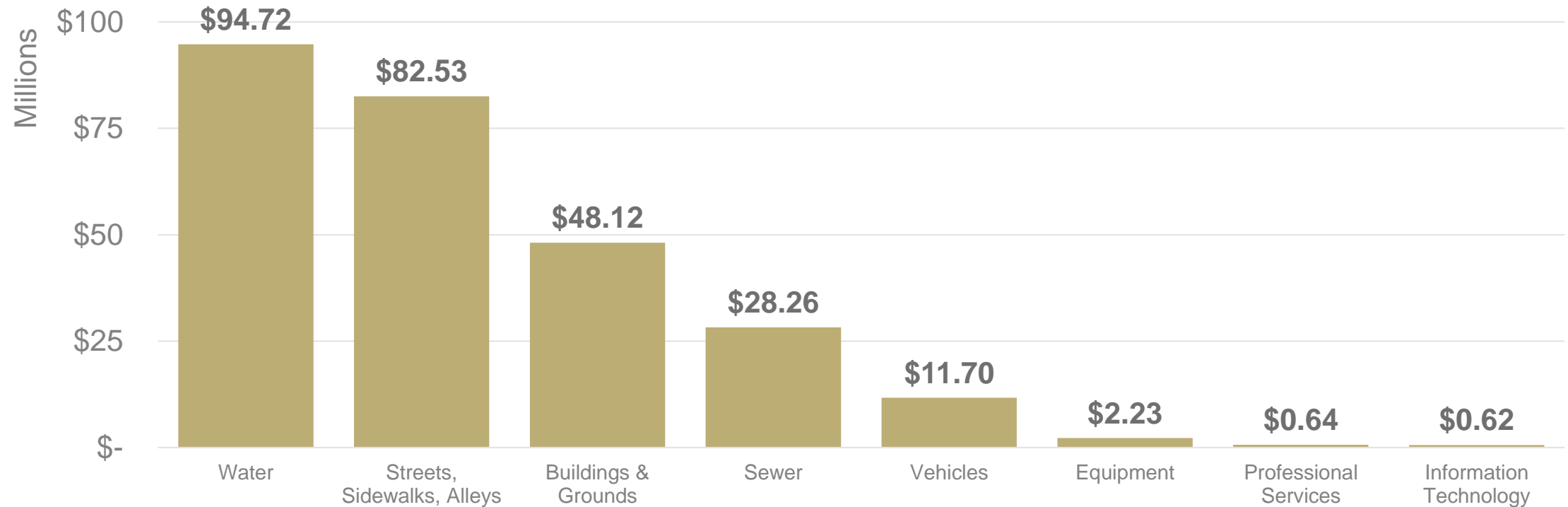
ADDITIONAL RESERVE DRAWS

- Phase 1 Studies
 - Advancement of additional work
 - Green Bay Road Rehab. and Lake Ave. Corridor
- Downtown Parking Study
 - Advancement of new work
- Edens Pollinator Garden
 - Addition of new sites
- Old Glenview Road
 - Village share of grant-funded project
- Alley Reconstruction Project
 - Increase from 4 to 6 alleys

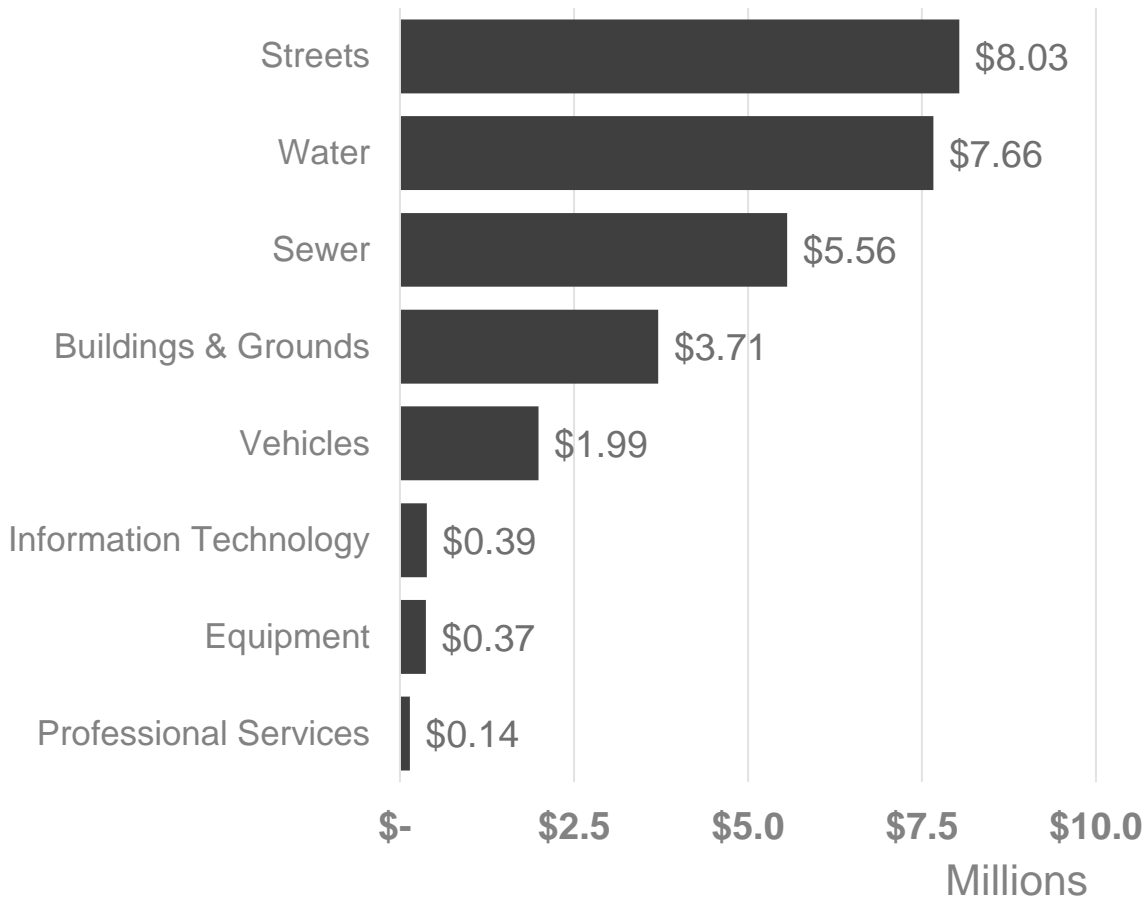
Total of \$1.27 million

10-Year Category Overview

High-Level investment in critical infrastructure including water, streets, facilities, and sewer

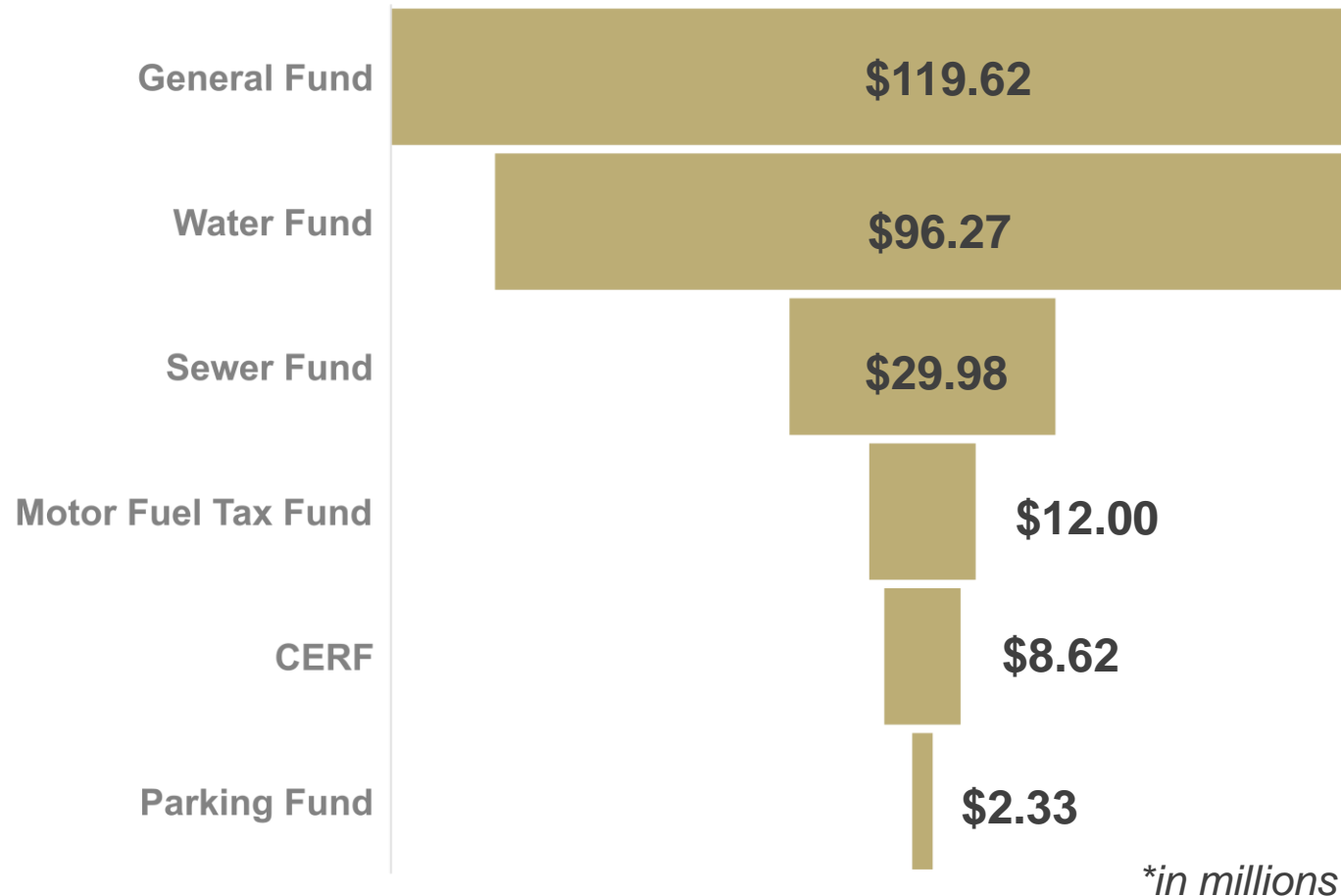


2024 Category Overview



- Focus on water, sewer & streets assets
- 13 of the 75 projects make up 68% of program
 - Water Main Replacement - \$3.44M
 - Road Program – \$2.30M
 - Automatic Meter Reading Program - \$2.05M
 - New Police Station - \$2.00M
 - SWPS Electrical Improvement – \$1.92M
 - Sewer Lining & Rehab – \$1.64M
 - Old Glenview Road Resurfacing - \$1.35M
 - Alley Reconstruction – \$1.15M
 - Treatment Process Improvements \$0.82M

10-Year Funding Overview



- Utilize a variety of funding sources for capital projects
- Operating revenues
- Grant revenues
- Debt financing
- Prior Year Issuances
- IEPA Loans

2024 Funding Overview

General Fund

- Operating funds include taxes/fees for roads, and facilities
- Grant funding for Old Glenview Road surfacing, Skokie Valley Trail, and Skokie Blvd Shared-Use Path
- Debt financing for Police Station

CERF

- Set aside funds to maintain vehicle/equipment replacement cycles

Water and Sewer Funds

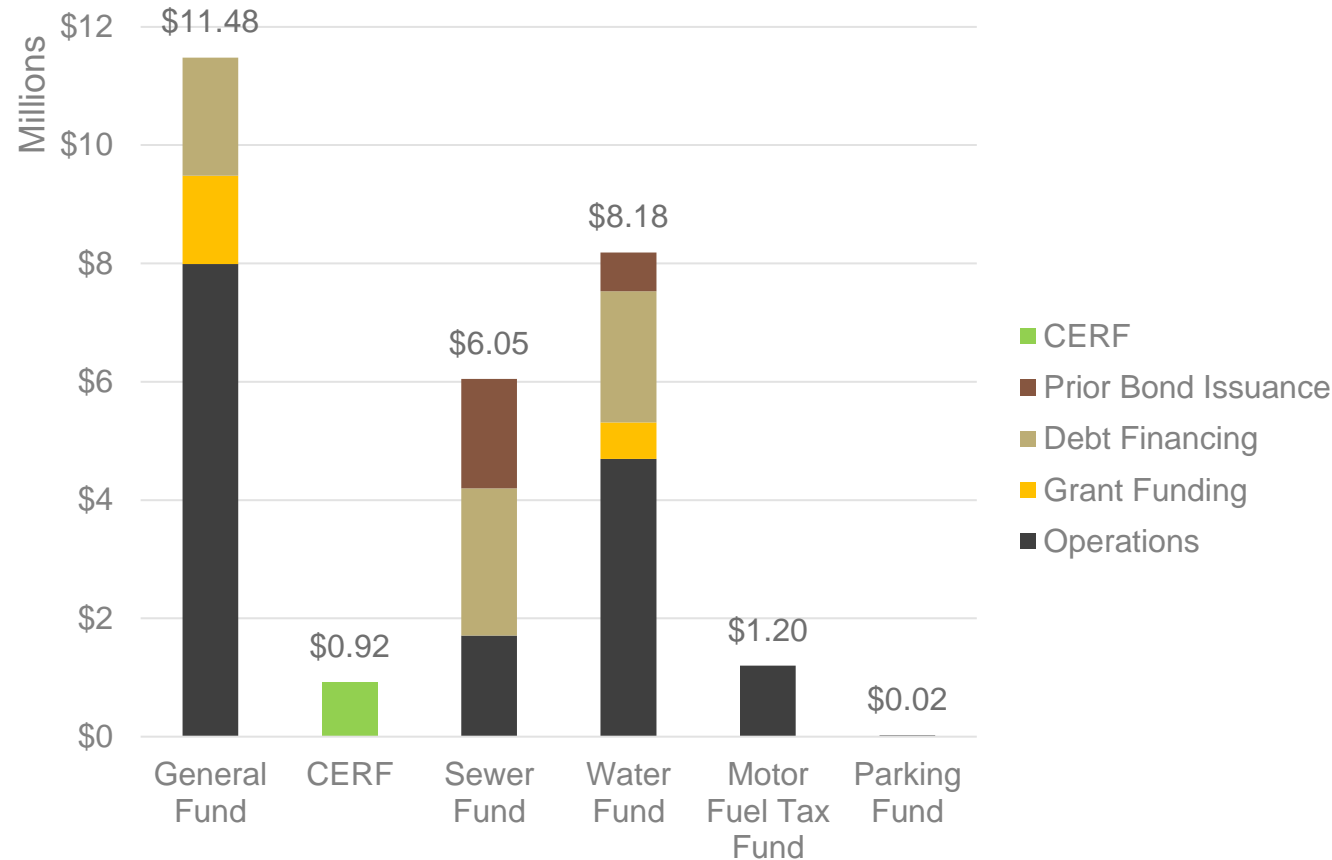
- Operating funds supported by utility rates
- ARPA Funds utilized for water projects including lead service and water plant projects
- IEPA Loans for sewer lining projects and water intake improvements

Motor Fuel Tax Fund

- Portion of road program funded by State MFT

Parking Fund

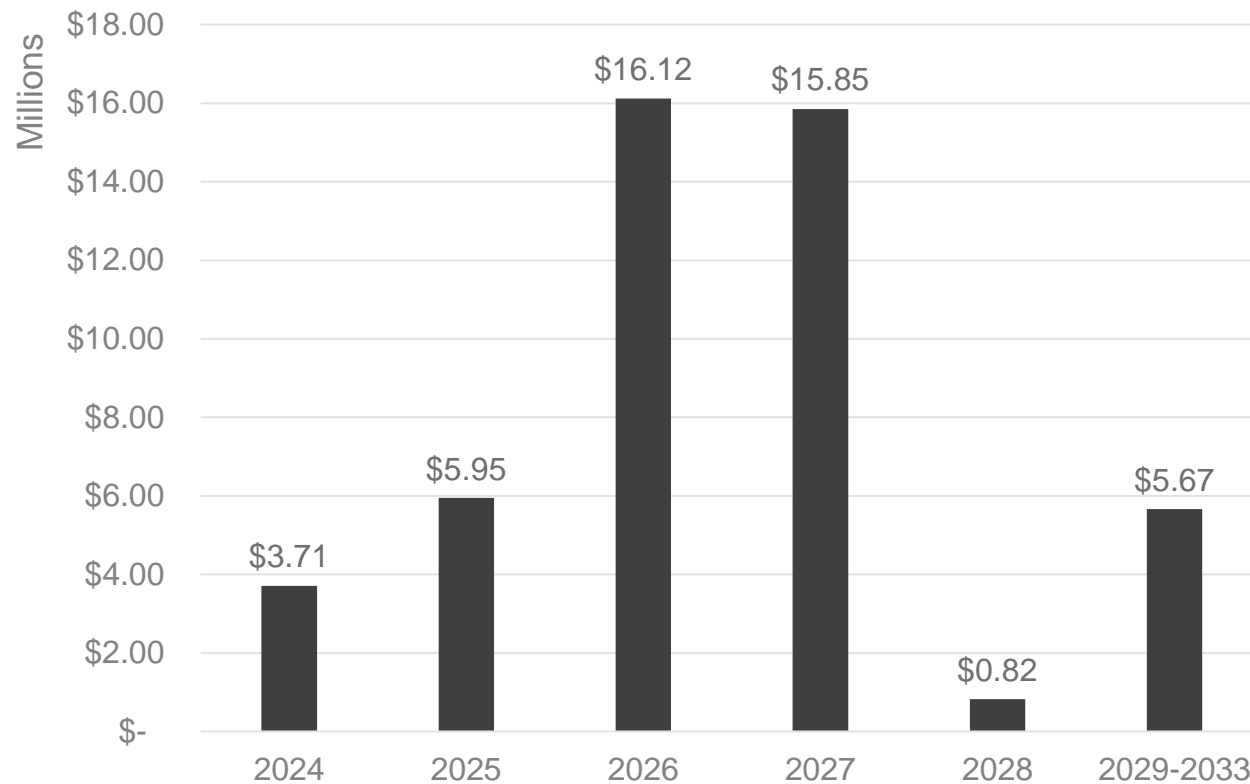
- Operating funds include parking meter fees



Project Review by Category



Buildings & Grounds 10-Year Program



- Continued investment in deferred capital maintenance
- New Police Station
 - Space needs analysis in progress
 - Advancement of engineering services to 2024-2025
 - Construction planned for 2026-2027
- Funding Sources
 - Debt financing, grants, and General Fund

2024 Buildings & Grounds Projects

Project	2024 Request
Edens Pollinator Corridor	290,100
Fire Station Alerting System	60,000
Fire Station Renovation and Workspace Study	55,000
Fire Station Garage Floor Rehabilitation	76,300
New Police Station	2,000,000
Parking Lot Paving Program	251,000
Parkway Tree Maintenance Program	493,450
Public Works Facility Interior Flooring	59,150
Security Enhancements	75,400
Village Facility Roof Replacement	350,000
TOTAL	\$3,710,400

- **Edens Pollinator**
 - Expanded program based upon reserve discussion; sites include Glenview & Long plus design work for 4 sites
- **Parking Lot Paving Program**
 - Inspection of parking lot inventory in summer 2023
 - 2024 lots include Village Hall, museum, and ramp repair at Burmeister lot
- **Parkway Tree Maintenance**
 - Shifted program from operating budget to the capital budget
 - Includes tree pruning, tree removals, and tree planting
- **Flooring Projects**
 - Interior flooring in lunchroom and conference room at Public Works facility
 - Apparatus floor at Fire Station #26
- **Security Enhancements**
 - Install video camera system at Village Hall, Village Green, Metra Station, and Public Works facility

New Police Station

Project History

- Current Station opened in 1968 and has just over 20,000 square feet
- Space needs conducted in 2002 and 2007, both determined a need for 50,000 square feet
- Intent has been to construct facility when debt service substantially reduced starting in 2026-2027

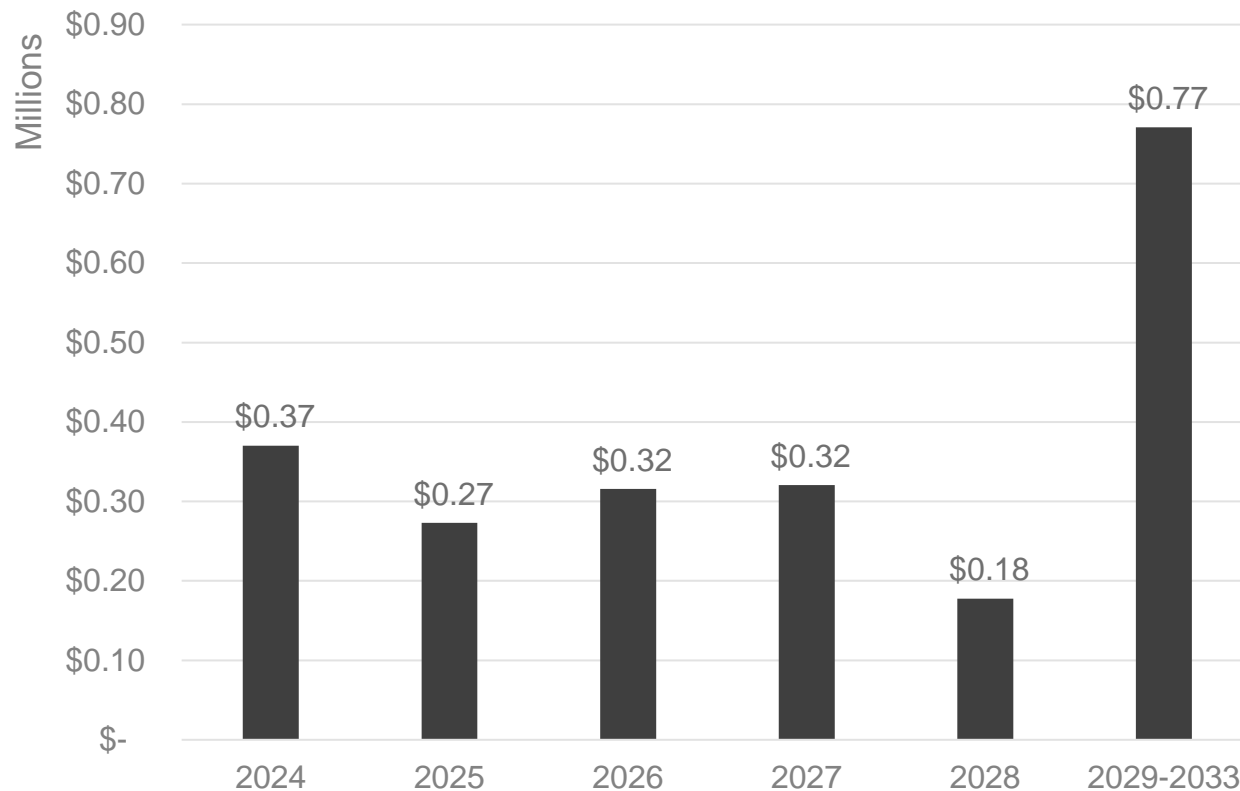
Project Update

- New space needs analysis approved in May 2023
- Expected to be completed in Fall 2023 and reviewed by the Public Safety Committee
- Advancement of engineering services to 2024-2025; subject to change per Public Safety Committee review



Year	Phase	Amount
2023	Space Needs Study	\$92,400
2024-2025	Engineering Design	\$4,000,000
2026-2027	Construction	\$30,000,000

Equipment 10-Year Program



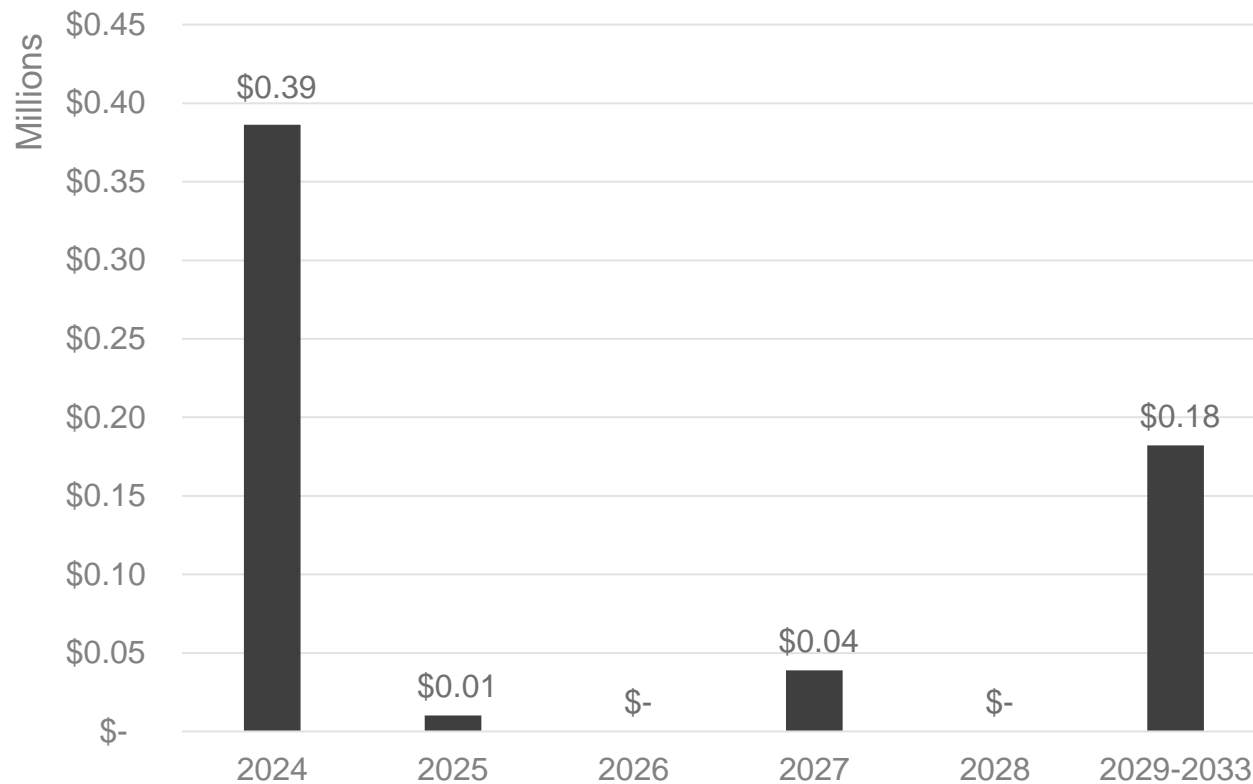
- Fire
 - Cardiac monitors
 - CPR chest compression
 - Extrication tools
- Police
 - Automated license plate readers
- Public Works
 - Streetlight system upgrades
 - Operational support including leaf pans, asphalt paving, and portable material hopper
 - Leak detection devices
 - Streetscape furniture and décor
- Funding Sources
 - CERF and General Fund

2024 Equipment Projects

Project	Department	2024 Request
Automated License Plate Readers	Police	23,600
Leaf Pans	Public Works	20,000
Leak Correlator	Public Works	35,000
Portable Hopper	Public Works	26,000
Streetlight System Upgrades	Public Works	203,950
Streetscape Furniture and Decor	Public Works	61,600
TOTAL		\$370,150

- **Automated License Plate Reader**
 - Year 2 of program – 5 cameras
 - Program to be reviewed by Public Safety Committee in Late 2023
- **Operational Support**
 - Leaf pans used during curbside leaf collection, program, portable hopper allows for quicker re-supply of deicer projects, and leak correlator minimizes excavation and more quickly identifies water system leaks
- **Streetlight System Upgrades**
 - Includes replacement of downtown control cabinets, LED luminaire replacements, and pole painting program
- **Streetscape and Decor**
 - Replacement of trash receptacles, bike racks, and benches; Holiday light upgrade in Linden Square

Information Technology 10-Year Program



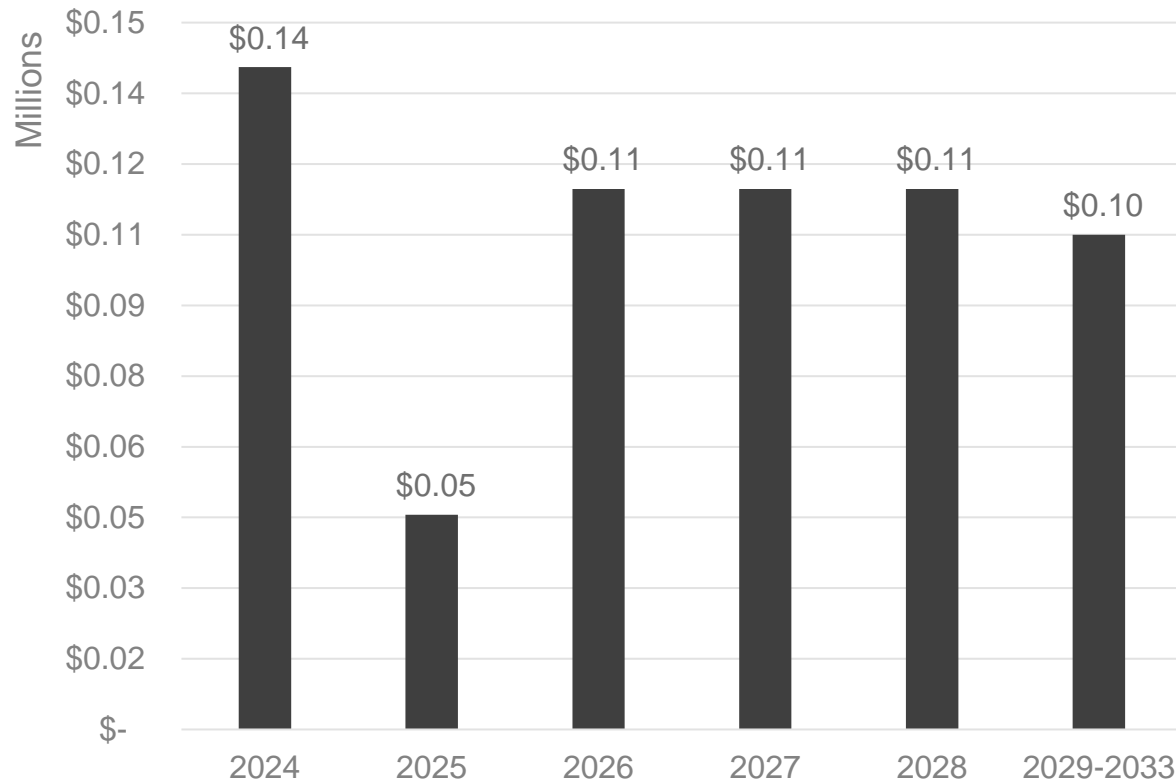
- Investment in software to improve efficiency
 - Cashiering upgrades
 - Time clock software
 - Building permit software
- Continued investment in GIS
- Focused efforts on cyber-security
 - Included in operating budget
- Funding Sources
 - CERF and operating funds

2024 Information Technology Projects

Project	2024 Request
Building Permit Software	255,195
Cashiering Software Upgrade	50,000
GIS Hardware and Software	81,000
TOTAL	\$386,195

- **Building Permit Software**
 - *Electronic Plan review pilot program completed successfully; currently assessing internal processes; plan to bring to committee for review*
 - Online permit application process, inspection scheduling, permit delivery, status updates, and payment options
- **Cashiering Software**
 - Consolidation of multiple revenue collection systems
 - Streamline credit card processing
 - Contactless payment stations
- **GIS Hardware and Software**
 - New digital aerial photography, planimetric mapping, and high-density LiDAR
 - Coordinated through GIS consortium to achieve economies of scales with other communities

Professional Services



2024 Projects

- **Arc Flash Study**
 - Assessment of electrical systems at Village facilities per the Village's insurance provider IRMA; estimated at \$75,000
- **Downtown Parking Study**
 - Project planned to start in 2023 per Village Board reserve discussion
 - Total project cost estimated at \$40,000
 - Inventory and assess public parking in the Village's downtown developing strategies to address parking needs including signage, regulations, and public education
- **Historic Resource Survey**
 - Multi-phase study to complete the Historical and Architectural survey of community; Phase 1 – West of Skokie Boulevard (1,519 structures)
- **Funding Sources**
 - General Fund and grant funding

Sewer 10-Year Program



- Neighborhood Storage Project closeout
- Sewer Lining Program
 - Addition of large diameter sewer; programs are bid concurrently for economies of scale and potential IEPA funding
- Consistent investment in repairs and maintenance programs
- Funding Sources
 - Debt Financing including IEPA loans
 - Supported by sewer rates & stormwater fee
 - Sewer Fund operations
 - Supported by sewer rates

2024 Sewer Projects

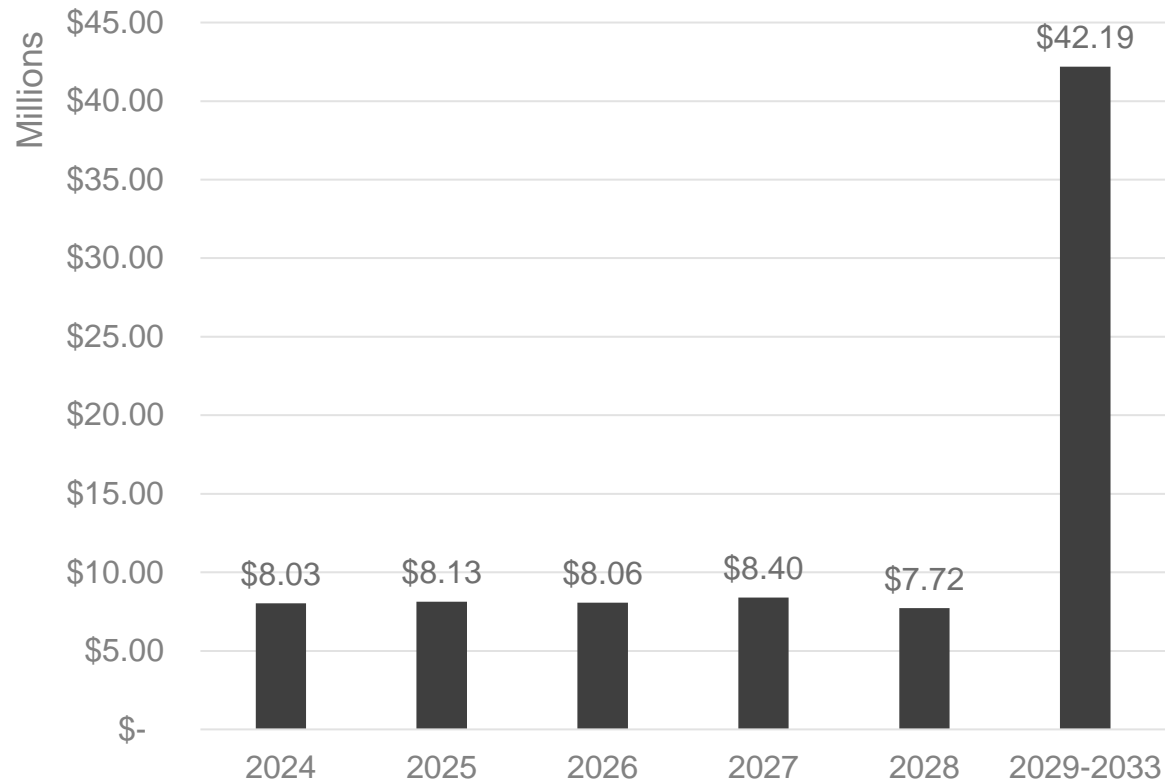
Project	Department	2024 Request
Large Diameter Sewer Lining	EPW	450,000
Maple Avenue Outfall Repair	EPW	260,000
Neighborhood Storage Project	EPW	330,000
Sewer Lining & Rehabilitation	EPW	1,640,000
Sewer Main Repairs	EPW	412,000
Sewer Maintenance	EPW	510,500
Smoke Testing/Dyed Water Program	EPW	20,000
Stormwater Incentive Program	EPW	20,000
SWPS Electrical Improvements	Water Management	1,920,000
TOTAL		\$5,562,500

2024 Sewer Projects



- **SPWS Electrical Improvements**
 - Replacement of switchgear originally installed in 1991
 - Project deferred with majority of construction planned for 2024
- **Sewer Lining and Rehabilitation**
 - Project deferred to 2024; alternate years for planning & implementation
 - End of 2024 - 62% of separate sanitary & 25% of combined system
 - Depending on pipe size between 12,000-24,000 feet lined annually
 - Addition of Large Diameter Sewer Lining program
 - *Project update: Deferred to 2026 based upon IEPA guidance*
- **Sewer Maintenance Programs**
 - Includes sewer repairs, catch basin cleaning, sewer televising lining & cleaning (including large diameter sewers), chemical grouting, and manhole inspection
- **Maple Avenue Outfall**
 - Project deferred to 2024 based upon bid market
 - Failure of embankment for the Maple Avenue storm sewer outfall in the North Shore Channel; Village maintains 3 total outfalls
- **Stormwater Incentive Program**
 - For installation of private green infrastructure
 - Review options for encouraging greater participation with Municipal Services Committee in 2024

Streets 10-Year Program



- Maintain consistent funding for roadway infrastructure including:
 - Alley Reconstruction
 - Brick Street Renovation and Repair
 - Pavement Maintenance and Marking
 - Road Program
 - Sidewalk and Curb Repairs
- Long-term program also includes funds for:
 - Active Transportation Improvements
 - Traffic Calming and Intersection Improvements

2024 Streets Projects

Project	2024 Request	Project	2024 Request
Road Program	2,296,623	Pavement Maintenance	214,000
Old Glenview Road Resurfacing	1,351,884	Brick Street Maintenance	192,000
Alley Reconstruction	1,147,000	Active Transportation Plan	190,000
Phase I Studies	650,000	Pavement Marking	58,000
Asphalt to Brick Reconstruction	503,000	Curb Replacement	47,000
Skokie Blvd Share Use Path	379,715	Skokie Valley Trail	42,500
Engineering Services	351,000	Traffic Calming	25,000
Brick Street Renovation	349,000	Decorative Brick Repairs	15,000
Sidewalk Maintenance	223,000		
TOTAL: \$8,034,722			

2024 Streets Projects



- **Active Transportation Plan**
 - Local shares of Phase 1 engineering, design work, and construction
 - Separate projects for Skokie Shared-Use Path and Skokie Valley Trail
- **Old Glenview Road Resurfacing**
 - From Skokie Boulevard to Wilmette Ave.
 - Received 80% federal funding to support project
- **Alley Reconstruction**
 - Request to increase to 6 alley segments
 - 34 estimated to be in very poor condition (228 total)
- **Engineering Services**
 - Advancement of Phase 1 studies per the reserve discussion
 - Lake Ave. Corridor and Green Bay Road
- **Annual Maintenance Programs**
 - Brick Street Maintenance & Decorative Brick Repairs
 - Curb Replacement & Sidewalk Repairs
 - Pavement Maintenance and Pavement Markings
 - Road Program
 - Includes work in conjunction with Water Main project

Active Transportation

Project History

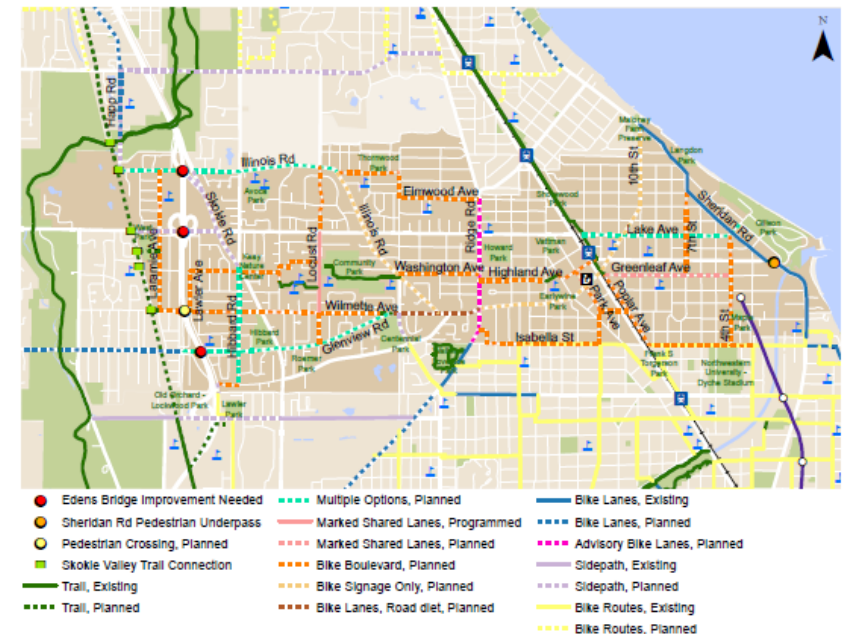
- Master Bike and Active Transportation Plan (MBATP) approved in February 2021
- 5-Year implementation plan was approved by Transportation Commission in March 2022

Project Update

- Total Investment of \$372 thousand
- Large-scale projects are separate projects
 - Skokie Blvd. Path from Lake Ave. to Illinois Road (\$177,000)
 - Skokie Valley Trail (\$5,000)
- Other 2024 Projects:

Project	Amount
Wilmette/Glenview & Ridge Rd. Engineering (Local share of engineering)	\$90,000
Ridge/Highland Crosswalk Enhancement (Design/Construction)	\$55,000
Wilmette/15 th Crosswalk Enhancement (Construction)	\$25,000
Locust Road Bike Boulevard (Construction)	\$20,000

PLANNED BIKE NETWORK RECOMMENDATION MAP



Alley Reconstruction

ALLEY NETWORK

- Village maintains 228 alley segments
- Evaluation completed in 2021
 - Scale of 0 to 10
 - 2021 overall condition rating of 6.9 – Fair
 - 2023 estimated condition rating of 7.1 – Good
 - 2024 Funding Request
 - 6 alley segments at \$1,147,000
 - Increase from 4 segments at \$765,000

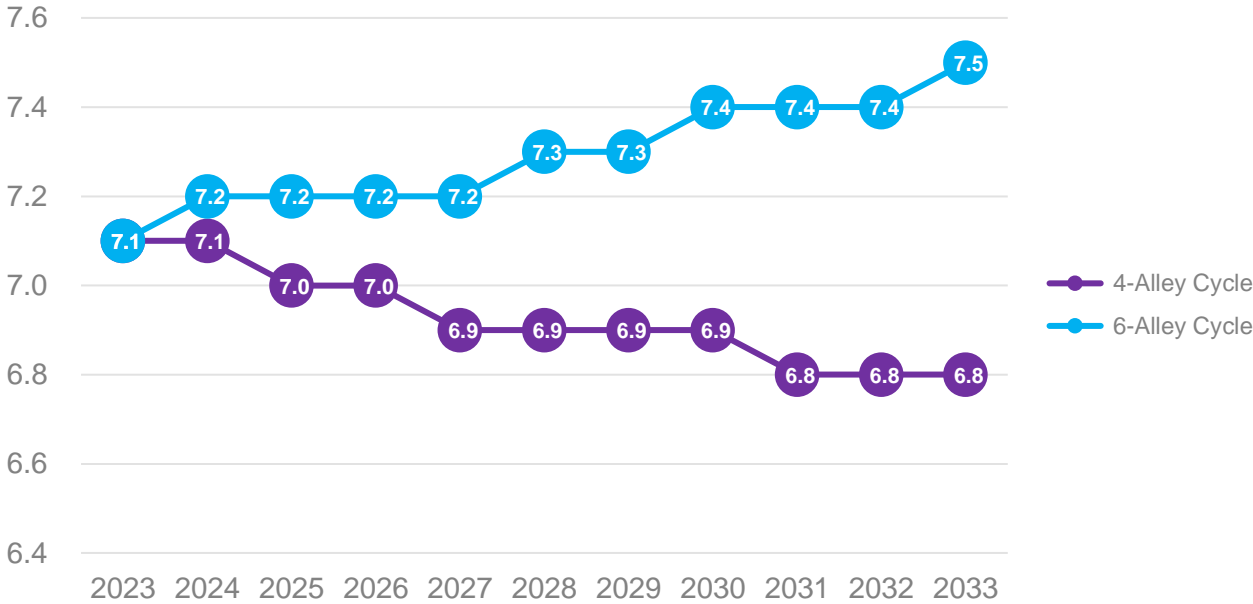
Serious Condition



Very Poor Condition

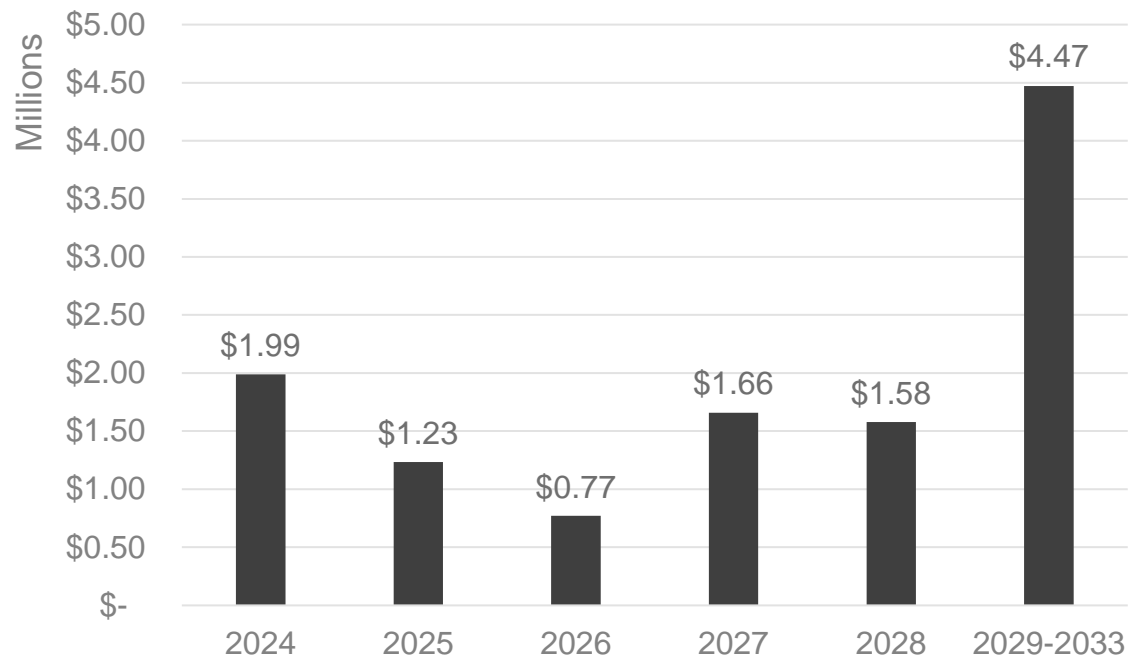


PAVEMENT RATINGS



Alley Condition	2023 Estimate	2033 (4-alley cycle)	2033 (6-alley cycle)
Poor	27	35	35
Very Poor	34	30	22
Serious	0	13	0

Vehicle Replacement 10-Year Program



- Continue to see delay in deliveries of vehicles
 - 5 units valued at \$591k shifted to 2024
- Starting procurement process earlier
 - Ambulance and combination sewer cleaner
- Advanced purchase of two units to 2023
 - Sidewalk snowplow and trailer
- Goal is to consistently fund vehicle replacements
 - Use of rating criteria to determine priorities
- Review Green Fleet alternatives for all purchases
 - Review of hybrid, electric, and CNG options
- Funding Sources
 - CERF
 - Water and Sewer Fund operations

2024 Vehicle Replacement

Project	Department	2024 Request
Ambulance	Fire	260,000
Boat	Fire	150,000
Combination Sewer Cleaner	EPW	470,000
Large Dump Truck	EPW	290,000
Squad and Police Units (4)	Police	228,000
TOTAL		\$1,398,000

Ambulance

- 8-Year cycle, begun purchasing process
- Re-chassis the current ambulance and add power loading system

Boat

- Joint purchase with Evanston and Winnetka
- Village share is estimated at \$50,000
- 13 responses since program piloted in 2023

Combination Sewer Cleaner

- Used for rodding sewers, cleaning catch basins, and excavating water/sewer sites
- Long lead time, begun purchasing process

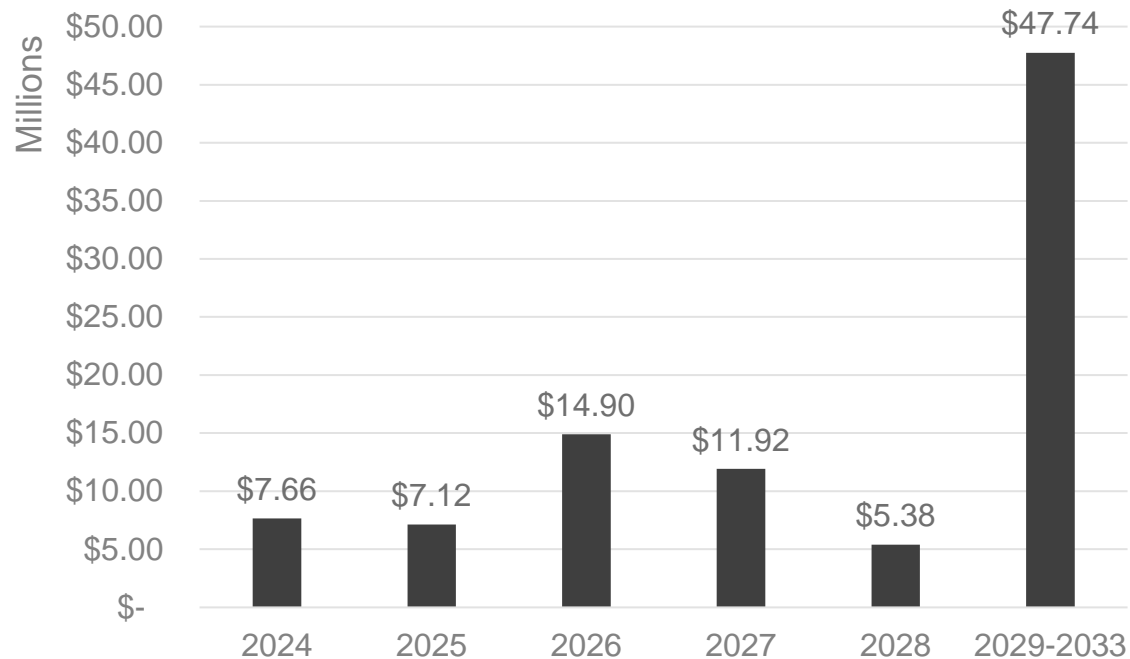
Large Dump Truck

- Used for winter operations and material transport
- Price reduced due to removal of leaf-vac equipment

Police Units

- Includes two squad units and two unmarked units
- Purchase of hybrid units

Water 10-Year Program



- Future Investment in five main categories
 - Automatic Meter Reading
 - Treatment Process Improvement Program
 - Water Intake Improvements
 - Water Main Replacement Program
 - Lead Service Line Replacement
- Use of rating criteria to determine priorities*
- Funding Sources
 - Debt Financing including IEPA loans
 - ARPA Funds for lead service & PFAS study
 - Water Fund operations
 - Supported by water rates and wholesale water revenue

2024 Water Projects

Project	2024 Request		Project	2024 Request
Water Main Replacement	3,440,000		Water Intake and Low Lift Pump Improv.	100,000
Automatic Meter Reading	2,050,000		Treatment Process Improv. Phase 2	100,000
Treatment Process Improv. Phase 1	720,000		Rebuild High Lift Pumps	60,000
Lead Service Line Replacement	517,500		Water Meter Replacements	55,000
Water Transmission Main Repairs	160,750		Leak Detection Services	46,000
Hydraulic Model of Distribution System	150,000		Fire Hydrant Painting/Testing/Abatement	34,560
Corrosion Control Inhibitor Study	110,000		Water Main Surge Suppressors	16,500
Distribution System Valve Improv.	103,000			
TOTAL: \$7,663,310				

2024 Water Projects



- **Lead Service Line Replacement**
 - April 2024 – complete inventory and initial replacement plan
 - 9,100 service lines in Wilmette
 - 40% are unknown materials, 45% non-lead and 15% lead
 - Consultant hired in 2023 to develop draft plan for MSC review
 - Estimated replacement of 20 lines in 2024 at \$25k per line
- **Water Main Replacement Program**
 - Village maintains over 107 miles of water mains
- **Automatic Meter Reading**
 - Installation of new registers to allow for wireless meter reads
 - Provide up-to-date reads and potential for monthly billing
 - Determination of cellular or fixed (tower) based system
- **Distribution System Investment**
 - Projects include valve improvements, fire hydrants, transmission lines, and surge suppressors
 - Investment in distribution system is necessary for system to continue to function properly
- **Water Plant Investment**
 - Several projects deferred due to the timing of EPA regulations, chemical analysis technology, and health effect findings
 - Projects include corrosion control inhibitor study, water intake design, treatment process improvements (PFAS)

Water Main Replacement

Village maintains 107 miles of water main

- Majority are between 60 and 90 years old
- As mains age, the risk for breaks increase
 - Village repairs an average of 55 main breaks per year at estimated cost of \$330k
- Industry best practice is 1% of system annually or 1.1 miles
- Evaluation Process
 - Based on age, breaks per segment, and fire flow capacity
 - Requested hydraulic model CIP project to rate and rank segments
 - Goal is to replace lead service lines and resurfacing in conjunction with project
- Funding Mechanism
 - Short-term funding through reserves
 - Develop long-term funding source
 - Municipal Services Committee review



Street	From	To	Length (Ft.)	Estimated Cost
Locust Rd	Cul-de-sac	Wilmette Ave	1,500	\$1,170,000
Manor Dr	Lake Ave	Illinois Rd	2,000	\$1,480,000
Alleys N. of Greenleaf Ave.	Poplar Dr	Sheridan Rd	5,900	\$790,000

Discussion of 2024-2033 CIP

