

# City of Chardon

## Capital Improvement Plan

### 2023-2027



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## Introduction

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This document presents the City of Chardon’s proposed Capital Improvement Plan (CIP) from 2023 to 2027. It is intended to provide a framework from which the City can plan for needed capital projects and items, including the identification of potential funding sources. In addition, the CIP is based partially on assumptions and predictions of future events, which is necessary in order to develop plans and projections. Because assumptions and predictions of future events naturally become less reliable as they extend over time, users and readers of the CIP should place more weight on the first few years of the forecast. Lastly, as is typical with any plan, the CIP will be subject to changes based on actual events that occur subsequent to its adoption. As a result, the CIP will be reviewed periodically, especially for 2023.

The CIP is comprised of the following sections:

- **Summary:** explains key information related to the proposed capital projects and financial forecasts.
- **Capital Projects 2023-2027:** presents the proposed projects and planned purchases, with the applicable cost estimates based on internal review, prior CIPs, and data from the City’s Engineer.
- **Capital Expenditures:** provides a summary of the historical and projected capital expenditures.
- **Financial Forecasts:** contains the five-year financial projections for the funds that have a significant impact on the CIP,<sup>1</sup> the assumptions used to develop the projections, a summary of the projected revenues by source and expenditures by type in the General Fund, and a presentation of the debt expenditures.
- **Unfunded Projects:** presents the projects that cannot be undertaken during the next five years, due to a lack of financial resources or matching funds.
- **Capital Project Maps:** shows the aerial maps of the proposed capital projects, a map showing each project to be completed from 2023 to 2027, and maps by year of construction.

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<sup>1</sup> Five-year projections were developed for all of the City’s funds.

## Summary

I. **Project Overview, Expenses and Funding:** From 2023 to 2027, a total of nearly \$22.2 million is estimated to be spent on infrastructure and facility improvements, equipment and vehicles.

### Summary of CIP Expenses

Project	2023	2024	2025	2026	2027	Total
STREET MAINTENANCE <sup>1</sup>	\$340,000	\$340,000	\$340,000	\$340,000	\$290,000	\$1,650,000
SIDEWALK MAINTENANCE <sup>1</sup>	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000
SIDEWALK CONNECTIVITY	\$38,275	\$269,585	\$279,829	\$31,377	\$0	\$619,066
CLEARWELL WATER TANK #2	\$0	\$0	\$0	\$73,200	\$1,173,625	\$1,246,825
WATER LINE LOOP: HIDDEN GLEN TO WOODIEBROOK	\$0	\$780,840	\$0	\$0	\$0	\$780,840
SEVENTH AVE	\$871,948	\$0	\$0	\$0	\$0	\$871,948
SEVENTH AVENUE EXTENSION	\$754,822	\$0	\$0	\$0	\$0	\$754,822
ALLYND BLVD SANITARY SEWER REPLACEMENT-Maple Ave-Downing Dr	\$305,818	\$0	\$0	\$0	\$0	\$305,818
STATE ROUTE RESURFACING (SR44 & US6)	\$245,900	\$4,890,426	\$0	\$0	\$0	\$5,136,326
PARK AVE REALIGNMENT & SIGHT DISTANCE IMPR. AT WILSON MILLS RD	\$0	\$248,900	\$1,844,300	\$0	\$0	\$2,093,200
NORTH HAMB DEN WATER MAIN (433 N Hambden to E Park)	\$0	\$0	\$109,283	\$903,995	\$0	\$1,013,278
PARK AVE RESURFACING	\$0	\$59,676	\$525,096	\$0	\$0	\$584,772
WASHINGTON ST-Center St. to Water St.	\$0	\$0	\$0	\$0	\$154,726	\$154,726
WATER TOWER REHAB(Design Only in 2027)	\$0	\$0	\$0	\$0	\$330,000	\$330,000
COUNTY COURTHOUSE-CITY'S SHARE	\$1,000,000	\$1,000,000	\$0	\$0	\$0	\$2,000,000
WWTP PAVEMENT REHAB: DESIGN	\$0	\$0	\$0	\$0	\$13,000	\$13,000
STEEL SIDING FOR WATER TREATMENT PLANT	\$65,000	\$70,000	\$0	\$0	\$0	\$135,000
BUILDING IMPROVEMENTS	\$23,230	\$12,075	\$0	\$0	\$0	\$35,305
MACHINERY & EQUIPMENT	\$549,660	\$225,425	\$1,026,399	\$341,000	\$664,000	\$2,806,484
VEHICLES	\$280,750	\$196,000	\$373,500	\$395,250	\$157,000	\$1,402,500
<b>Grand Total</b>	<b>\$4,525,403</b>	<b>\$8,142,926</b>	<b>\$4,548,407</b>	<b>\$2,134,822</b>	<b>\$2,832,351</b>	<b>\$22,183,909</b>

<sup>1</sup> While the street, sidewalk maintenance programs are not technically classified as capital expenses, they represent significant investments in maintenance and repair of infrastructure.

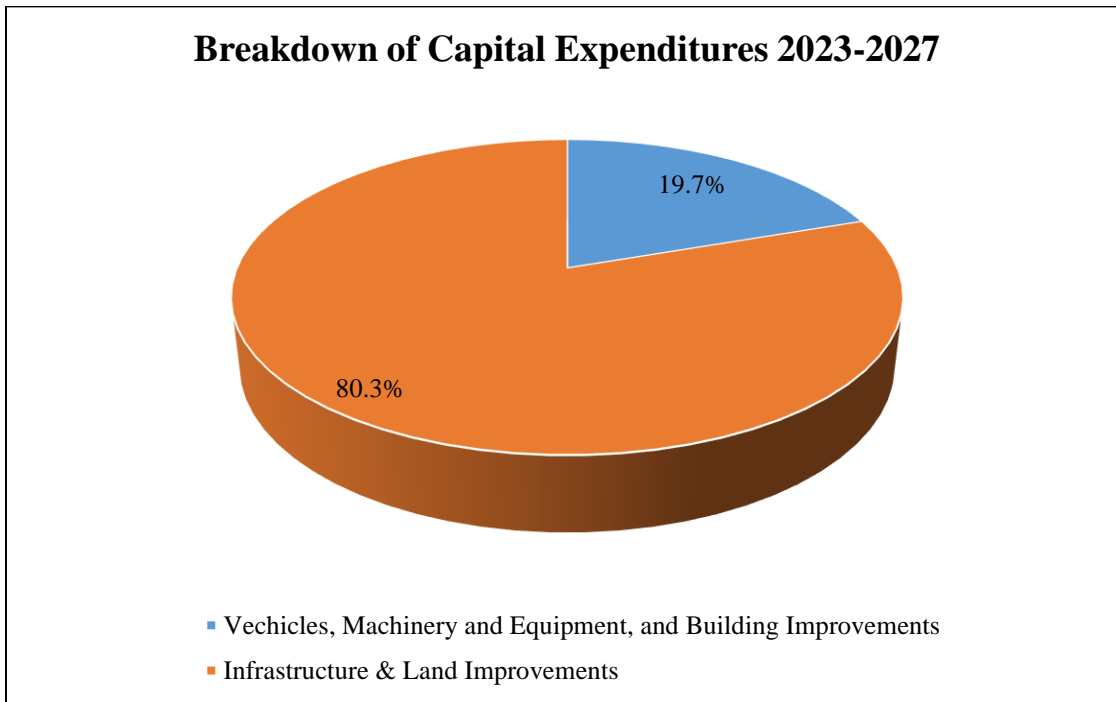
**Summary of CIP Expenses: Grant & Loan Funding**

Project	2023	2024	2025	2026	2027	Total /
						Average <sup>1</sup>
% Paid with Loans & Grants <sup>1</sup>	15.0%	43.1%	49.8%	42.3%	41.4%	38.3%
% Tied to Loans & Grants <sup>2</sup>	41.4%	85.7%	52.1%	42.3%	58.6%	56.0%

<sup>1</sup> This reflects the actual expenses projected to be paid by loans or grants.

<sup>2</sup> This reflects the total project costs that include some funding from loans or grants because the absence of these funds may prevent the completion of the entire project.

The vast majority of the capital expenditures are for infrastructure and land improvements, as displayed by the ensuing chart. The table that follows the chart shows the expenditures for infrastructure and land improvements by category.



### Infrastructure and Land Improvements

Category	2023	2024	2025	2026	2027	Total
Sidewalks	\$125,203	\$324,485	\$381,529	\$81,377	\$50,000	\$962,594
Street	\$1,869,746	\$5,429,002	\$2,129,896	\$340,000	\$359,929	\$10,128,573
Land Improvement	\$1,000,000	\$1,000,000	\$0	\$0	\$13,000	\$2,013,000
Storm Sewer	\$119,568	\$16,200	\$147,900	\$0	\$20,722	\$304,390
Sanitary Sewer	\$305,818	\$32,200	\$291,200	\$0	\$28,880	\$658,098
Water Line	\$186,428	\$787,540	\$197,983	\$903,995	\$35,195	\$2,111,141
Property Acquisition	\$0	\$50,000	\$0	\$0	\$0	\$50,000
Water Tower	\$0	\$0	\$0	\$0	\$330,000	\$330,000
Water Tank	\$0	\$0	\$0	\$73,200	\$1,173,625	\$1,246,825
<b>Grand Total</b>	<b>\$3,606,763</b>	<b>\$7,639,426</b>	<b>\$3,148,508</b>	<b>\$1,398,572</b>	<b>\$2,011,351</b>	<b>\$17,804,620</b>

II. **Key Changes:** The construction and manufacturing sectors have been significantly impacted by recent inflationary pressures, and by extension, increased costs have been passed on to all capital projects, licensed vehicles, machinery and equipment. Due to this fact, coupled with the addition of the County Courthouse Lands and Building Improvements Project, several projects and other assets have been delayed or removed from the five-year plan. The goal of the 2023-2027 CIP is to maintain and replace existing infrastructure, licensed vehicles, machinery and equipment while maximizing usage of grants and loans.

Some of the projects that have been removed from the 2023-2027 CIP due to lack of funds:

- Meadowlands Drive Resurfacing Project
- Traffic Signalization Update
- South Street Water Main Replacement
- North Hambden Street / Huntington Street / Maple Avenue Intersection Improvements
- Parking lot behind theater with 8-vehicle car port
- Parking lot OVH/Fire Station
- East Park Street Parking Project

As mentioned previously, the construction timeline of multiple projects has been shuffled in the five-year period to accommodate for the availability of funds.

The Infill Sidewalk Connectivity Program is continued in 2024 with the construction of sidewalk on Irma Drive to 205 Hilltop Drive and South Hambden to 318/319 Irma Drive. This continues the addition of sidewalks identified as highest priority sidewalk sections per the Sidewalk Connectivity Plan.

The City was unsuccessful in obtaining a grant in 2021 for the addition of Clearwell Water Tank #2 and therefore was not funded in the 2022 budget. This project is tentatively slated for construction in 2027 predicated on grant funding. This would add a second 356,000-gallon tank to the City's water system. The proposed tank would be located less than 150 feet from the Water Treatment Plant and would operate parallel with the existing 356,000-

gallon Clearwell Water Tank #1. The benefits of a second tank include providing for redundancy and greater reliability of treatment operations, and increased water storage volume that will be needed during the future rehabilitation of the water tower.

**III. Major New Projects:** The County Courthouse Lands & Buildings Improvement Project has been added in 2023 - \$1,000,000 and 2024 - \$1,000,000 in order to meet the contractual obligations negotiated with the settlement agreement with the County Commissioners. This project will be funded in 2023 by the Chardon Square Capital Improvement Fund, (appx. \$539K) and a General Fund Transfer (appx. \$461K). In 2024 the project will be funded by getting approval from Council to utilize appx. \$500K from the General Operating Reserve, (bringing the fund balance to \$1,750,000) \$273K from ARPA funds, \$148K from the Chardon Square Capital Improvement Fund, and a General Fund transfer of appx. \$79K. Starting in 2025, 2% of Municipal Income Tax Revenue will be allocated to replenish the General Operating Reserve Fund. The fund should be fully replenished within 3-4 years.

Finally, the following building improvements and equipment replacement have been added to the CIP:

- Police Department:
  - Replacement of two police patrol vehicles in 2027 #2 and #7 \$157,000;
  - Geocomm Dispatch Mapping software for 911 calls \$28,000 in 2023;
  - Parking Enforcement System for Chardon Square \$25,000 in 2023
  - Mobile Radio Replacements \$12,000 in 2024;
- Public Service:
  - Division of Streets, Cemeteries and Parks:
    - Dump Body #9 \$30,000 in 2026;
    - Trailer to replace 2008 and 1973 trailers - \$12,000 in 2023;
    - Jamar Radar Traffic Count Device \$10,000 in 2023;
  - Division of Water and Sewer:
    - Rovisys Network Segregation Project for safety and security \$37,000 in 2023;
    - Mini Excavator and Trailer \$45,000 in 2023;
    - UV System Replacement – end of life, no replacement parts, \$380,000 in 2027
    - Phosphate analyzer for lab testing \$20,000 in 2023;
  - Lands & Buildings:
    - Electric Hydraulic Lift Table \$5,500 in 2024;
    - Toro stand on skid loader with pallet forks and bucket \$43,000 in 2025;
- Recreation:
  - Block/Masonry work on the Pump Filtration Building sealing openings \$10,160 in 2023;
  - Mel Harder Park Parking lot 2” asphalt overlay \$30,000 in 2025;
- IT
  - Replacement Wireless Access Points, end of life and addition of WWTP and Street Garage \$55,000 in 2023;
  - Replace Server CHARV02 end of life \$35,000 in 2023;
  - Replace Server CHARV01 end of life \$37,000 in 2024;
  - Upgrade PC’s and add Office 365 \$95,000 in 2025;

- IV. **Main Operating Funds and Forecast Highlights:** The General Fund is projected with positive ending balances in each year of the CIP, with an ending balance exceeding 5% of the available resources in 2023. Although the balances are less than 5% thereafter and the 5% benchmark for when the General Operating Reserve is fully funded, the 10% benchmark is exceeded when combining the projected balances in the General Fund with the projected balances in the General Operating Reserve Fund.

The Water Operating Fund and Sewer Operating fund are forecasted to exceed the 10% reserve balance in 2023 and 2024. Additionally, both funds are projected with positive ending balances throughout the forecast period.

Due to projected flat revenues that result from the police operating and pension levies, the General Fund is projected to cover more costs of the Police Department. For instance, the transfer from the General Fund for police pension costs is estimated at \$192,000 to \$260,000 per year from 2023 to 2027. By comparison, transfers were \$162,000 in 2019, \$152,000 in 2020, and \$130,000 in 2021. Furthermore, the General Fund is projected to cover an additional \$55,000 to \$85,000 in police payroll costs from 2024 to 2027 because of the flat revenue in the Police Operating Levy Fund.

Due to declining balances in the Court's special revenue funds, the General Fund is projected to provide an increasing level of support for Court operations. For instance, the General Fund is projected to transfer at least \$280,000 in 2026 and 2027 to the Court's special revenue funds. By comparison, the General Fund transferred \$90,000 in 2017, \$108,000 in 2018, \$180,000 in 2019, \$175,000 in 2020, and \$190,000 in 2021 and to the Court's special revenue funds.

The City will continue to explore strategies to achieve fund balances that equate to at least 5% of the available resources in the General Fund, and 10% of available resources in the remaining operating funds. It is anticipated that reserve balances will be attainable in future years as actual revenue and expenditures are known. The Payroll Stabilization Reserve Fund is projected at a balance of nearly \$193,000 in each year, which can be used to cover potential retirements during the forecast period.



## Capital Projects & Infrastructure Maintenance 2023-2027

PROJECT	FUND	2023	2024	2025	2026	2027
<b>STREET AND SIDEWALK MAINTENANCE PROGRAMS</b>						
Street Maintenance Program – Specific Roads	General / SCMR / Permissive	\$200,000	\$200,000	\$200,000	\$200,000	\$150,000
Street Maintenance Program – Crack Seal, Reclamite, Striping	SCMR	\$140,000	\$140,000	\$140,000	\$140,000	\$140,000
Sidewalk Maintenance Program	Sidewalk	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000
<b>SIDEWALK CONNECTIVITY PROGRAM</b>						
Wilson Mills Rd (HN 108 - 386)	Gen Cap/TIF		\$40,993	\$269,729		
Washington St. (Court St. to Water St.)	Sidewalk			\$10,100	\$31,377	
Irma Drive to 205 Hilltop Drive	Sidewalk	\$18,000	\$87,151			
South Hambden to 318/319 IRMA	Sidewalk	\$20,275	\$141,441			
<b>CLEARWELL WATER TANK #2</b>						
Engineering	Water Cap				\$73,200	
Construction	Water Cap					\$1,173,625
<b>WATER LINE LOOP: (Hidden Glen Trl to Woodiebrook Rd)</b>						
Construction	Water Cap/ARPA/OPWC		\$780,840			
<b>SEVENTH AVENUE IMPROVEMENT AND WIDENING AT CENTER STREET</b>						
Street Construction	OPWC/Gen Cap	\$871,948				
<b>SEVENTH AVENUE EXTENSION</b>						
Street Construction						
Construction	OPWC	\$411,898				
Sidewalk Construction						
Construction	OPWC	\$36,928				
Drainage Storm Sewer Imp						

<b>PROJECT</b>	<b>FUND</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>
Construction	OPWC	\$119,568				
Water Line Construction						
Construction	Water Cap	\$186,428				
<b>ALLYND BLVD SANITARY SEWER REPLACEMENT (Maple Ave - Downing Dr)</b>						
Construction	Sewer Cap	\$305,818				
<b>STATE ROUTE RESURFACING (SR44 &amp; US6)</b>						
Engineering	Gen Cap	\$245,900				
Construction	Gen Cap / TIF		\$4,890,426			
<b>PARK AVENUE REALIGNMENT &amp; SIGHT DISTANCE IMPROVEMENTS AT WILSON MILLS ROAD</b>						
Engineering	Gen Cap		\$4,900			
Construction	Gen Cap			\$51,700		
Street						
Engineering	HG RID		\$138,900			
Construction	Gen Cap / HG RID			\$1,264,800		
Storm Sewer						
Engineering	HG RID		\$16,200			
Construction	Gen Cap			\$147,900		
Sanitary Sewer						
Engineering	Sewer Cap		\$32,200			
Construction	Sewer Cap			\$291,200		
Water Line						
Engineering	Water Cap		\$6,700			
Construction	Water Cap			\$88,700		
Property Acquisition	HG RID		\$50,000			
<b>NORTH HAMB DEN STREET WATER MAIN (433 N Hambden to E Park St)</b>						
Engineering	Water Cap			\$109,283		
Construction	Water Cap				\$903,995	
<b>PARK AVENUE RESURFACING</b>						
Street Engineering	OPWC		\$59,676			
Street Construction	OPWC			\$525,096		

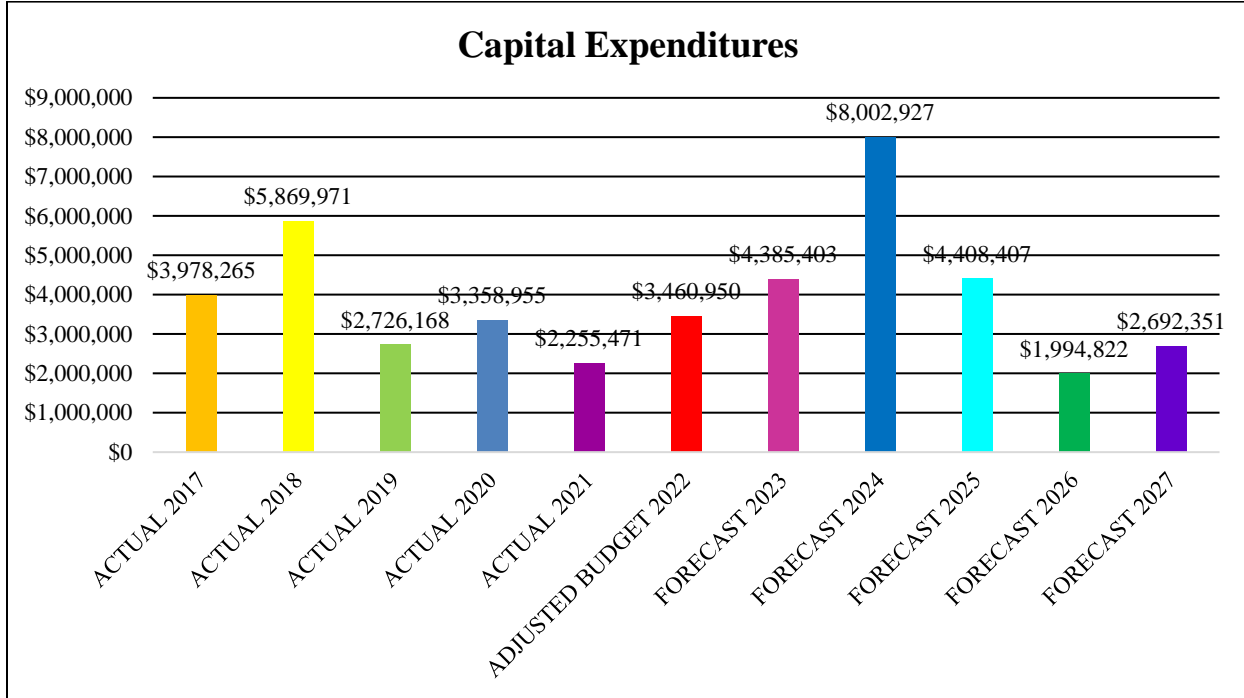
<b>PROJECT</b>	<b>FUND</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>
<b>WASHINGTON STREET RECONSTRUCTION (Center St. to Water St.)</b>						
Street Construction						
Engineering	OPWC					\$69,929
Engineering	OPWC					\$20,722
Water Line Construction						
Engineering	OPWC					\$35,195
Sanitary Sewer						
Engineering	Sewer Cap					\$28,880
<b>WATER TOWER REHABILITATION</b>						
Engineering	Water Cap					\$330,000
<b>COUNTY COURTHOUSE</b>						
Operating	Chardon SQ CAP, ARPA, General, Operating Reserve	\$1,000,000	\$1,000,000			
<b>LAND &amp; BUILDING IMPROVEMENTS</b>						
WWTP Pavement Rehabilitation	Sewer Cap					\$13,000
Steel Siding for Water Treatment Plant	Water Cap	\$65,000	\$70,000			
Split HVAC Systems (3) - Municipal Center	Gen Cap	\$23,230	\$12,075			
<b>LICENSED VEHICLES</b>						
<b>Police Department</b>						
#1: Patrol Car	Gen Cap		\$71,000			
#2 and #7 Patrol Car	Gen Cap					\$157,000
#3: Patrol Car	Gen Cap			\$73,500		
#4: Patrol Car	Gen Cap	\$64,000				
#5: Patrol Car	Gen Cap					
#6: Patrol Car	Gen Cap				\$76,000	

PROJECT	FUND	2023	2024	2025	2026	2027
<b>Street Department</b>						
#9: 5 Ton Dump Truck	Gen Cap			\$300,000		
#8: 1 1/2 Ton Dump Truck	Gen Cap		\$125,000			
#5: 3/4 Ton Pickup Truck with Plow	Gen Cap	\$70,000				
#7: F-550 Crew Cab w/plow-gas engine	Gen Cap				\$150,000	
<b>Water / Sewer Department</b>						
#3: 1 1/2 Ton Dump Truck	Water Cap	\$110,000				
#14: 3/4 Ton Pickup Truck w/ Plow	Water Cap				\$57,750	
#23: 3/4 Ton Pickup Truck w/ Plow and Tool Body	Water / Sewer Cap				\$63,000	
<b>Public Service Administration</b>						
1/2 Ton Truck with Plow	Gen/Water/ Sewer Cap	\$36,750				
#1 Administration Vehicle	Gen Cap				\$48,500	
<b>MACHINERY AND EQUIPMENT</b>						
<b>Police Department / Fire Department</b>						
Dispatch Console System	Gen Cap / Fire EMS	\$28,000		\$607,000		
<b>Police Department</b>						
Parking Enforcement System	Gen Cap	\$25,000				
Mobile Radios	Gen Cap		\$12,000			
<b>Street Department</b>						
Dump Body for Truck #9	Gen Cap				\$30,000	
#32: Backhoe Loader	Gen Cap	\$120,000				
Push Box Plow for #34 Cat Skidsteer Loader	Gen Cap		\$12,000			
Car and Truck Lift 2	Gen Cap	\$26,000				
24" Cold Planner	Gen Cap	\$23,000				
Two Portable Lifts	Gen Cap	\$26,000				

<b>PROJECT</b>	<b>FUND</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>
Front Forks for Komatsu Loader #38	Gen Cap		\$9,300			
Hook Lift Leaf Vac & Box for Tandem 2	Gen Cap				\$168,000	
Asphalt Tandem Roller	Gen Cap		\$48,000			
Wacker Small Loader #37 2008	Gen Cap				\$80,000	
Loader #38 2012	Gen Cap					\$204,000
Skid Steer #34 2007	Gen Cap					\$80,000
Trailer 55a 2008, 55b 1972	Gen Cap	\$12,000				
James Radar(traffic counts)	Gen Cap	\$10,000				
<b>Water / Sewer Department</b>						
Rovisys Network Segregation	Water/Sewer	\$37,000				
Mini Excavator and Trailer	Water/Sewer	\$45,000				
Zero Turn Mower for Water Treatment Plant	Water Cap				\$15,000	
UV System replacement	Sewer Cap					\$380,000
Phosphate analyzer	Sewer Cap	\$20,000				
HVAC Unit for Lab	Water / Sewer Cap		\$19,625			
Two Electric Panels for Sand Filter System	Sewer Cap				\$48,000	
Aerators/Mixers for EQ Basin (10 to Replace)	Sewer Cap	\$37,000	\$38,000	\$39,000		
#31: Backhoe	Water / Sewer Cap			\$125,000		
#30 Tug for WWTP Dumpsters replacement/sample john deere 2018	Sewer Cap			\$65,000		
#61: 4" Trash Pump	Sewer Cap		\$34,000			
Utility Vehicle for WWTP 2	Sewer Cap			\$16,000		
<b>Lands &amp; Buildings</b>						
Utility Vehicle	Gen Cap	\$26,000				

<b>PROJECT</b>	<b>FUND</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>
Electric Hydraulic lift table	Gen Cap		\$5,500			
Toro stand on skid loader w pallet forks and bucket	Gen Cap			\$43,000		
<b>Cemetery Department</b>						
#51: Lawn Mower w/ Bag Attachment	Gen Cap	\$14,500				
Stand-On Mower	Gen Cap		\$10,000			
<b>Recreation Department</b>						
Block/Masonry work	Gen Cap	\$10,160				
Mel Harder Park 2" overlay asphalt	Gen Cap			\$30,000		
Chalet Flooring	Gen Cap			\$6,399		
<b>IT</b>						
Wireless access points	Gen Cap/Sewer(1)	\$55,000				
Replace CHARV02 Server	Gen Cap	\$35,000				
PC Upgrade and office 365-43 pc's	Gen Cap			\$95,000		
12 aruba switches	Gen Cap					TBD
Replace CHARV01 Server	Gen Cap		\$37,000			

## Capital Expenditures <sup>2</sup>



Includes the street and sidewalk maintenance programs, with the exception of crack seal, reclamite and striping because those expenses are included in an account that captures other contracted expenses. Typically, these expenses range from \$100,000 to \$150,000 per year.

## Financial Forecasts

### Key Assumptions

- Municipal income taxes are projected to increase 3.0% annually.
- Revenues in the water and sewer funds are based on the rates approved by City Council on February 11, 2021.
- In accordance with section 1157.14(c) of the codified ordinances, the forecast assumes that the City will continue assessing the system development charge after June 30, 2022 to repay the General Fund for transfers made in prior years that covered the shortfall in revenue generated from the system development charge. The transfers were needed to make the annual payment for the Wastewater Treatment Plant Expansion Debt. The projected increase in system development charges that are transferred to the General Fund from 2023 to 2027 account for the Redwood Apartment Unit, Thistlecreek, and Maple Trace development projects.
- Gas and motor vehicle license taxes in the SCMR Fund are projected at a combined total of \$590,000 per year, based on actual revenues in 2021, estimate for 2022, and year-to-date collections in 2022 through September. This forecast is lower than the average of \$781,000 per year from 2016 to 2019. The lower projections are based on declines in vehicle registrations, due to the County increasing the permissive tax from \$5 to \$20 that took effect in 2019.
- Wage increases are projected based on the income tax formula in the collective bargaining agreements. Based on the income tax projections, wage increases are projected at 3.5% in 2023-2025, and 3.0% thereafter. Wages also include an additional 2.5% to account for step increases. While a step increase equates to 5.0%, approximately 54% of the current full and part-time employees are at the maximum step.
- Current forecast has insurance costs projected to increase 5.0% per year, based on historical and industry trends
- For the most part, the line items in the operating and contract categories are projected at either the five-year average (2017-2021), year to date actuals, or at an annual inflationary increase of 3.0%. The methodology used to project the line items is based on the historical trend, known and anticipated changes, and the nature of the expense.
- The figures presented for 2022 reflect the original permanent appropriations and amended appropriations approved by Council at the time of preparing these forecasts, as well as the original and amended certificates of resources approved by the County Budget Commission.

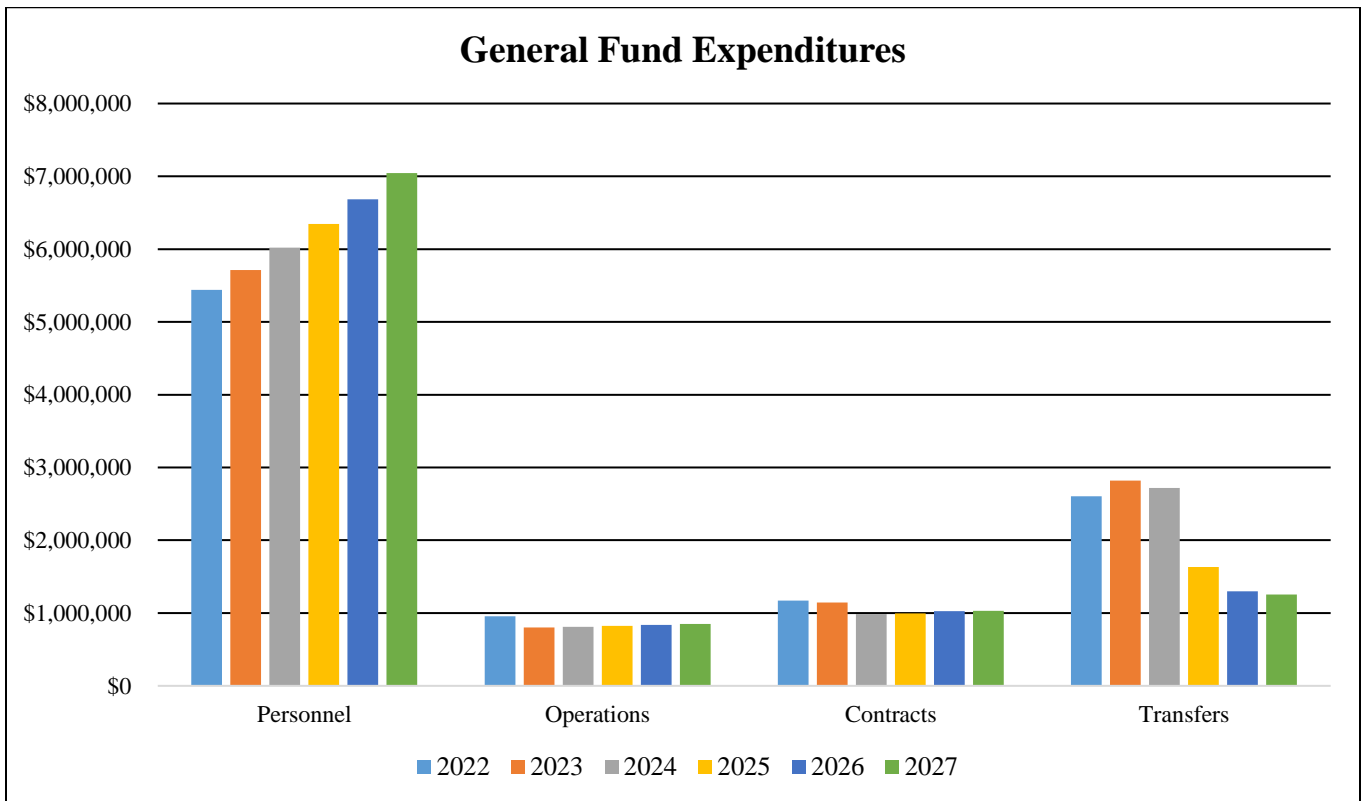
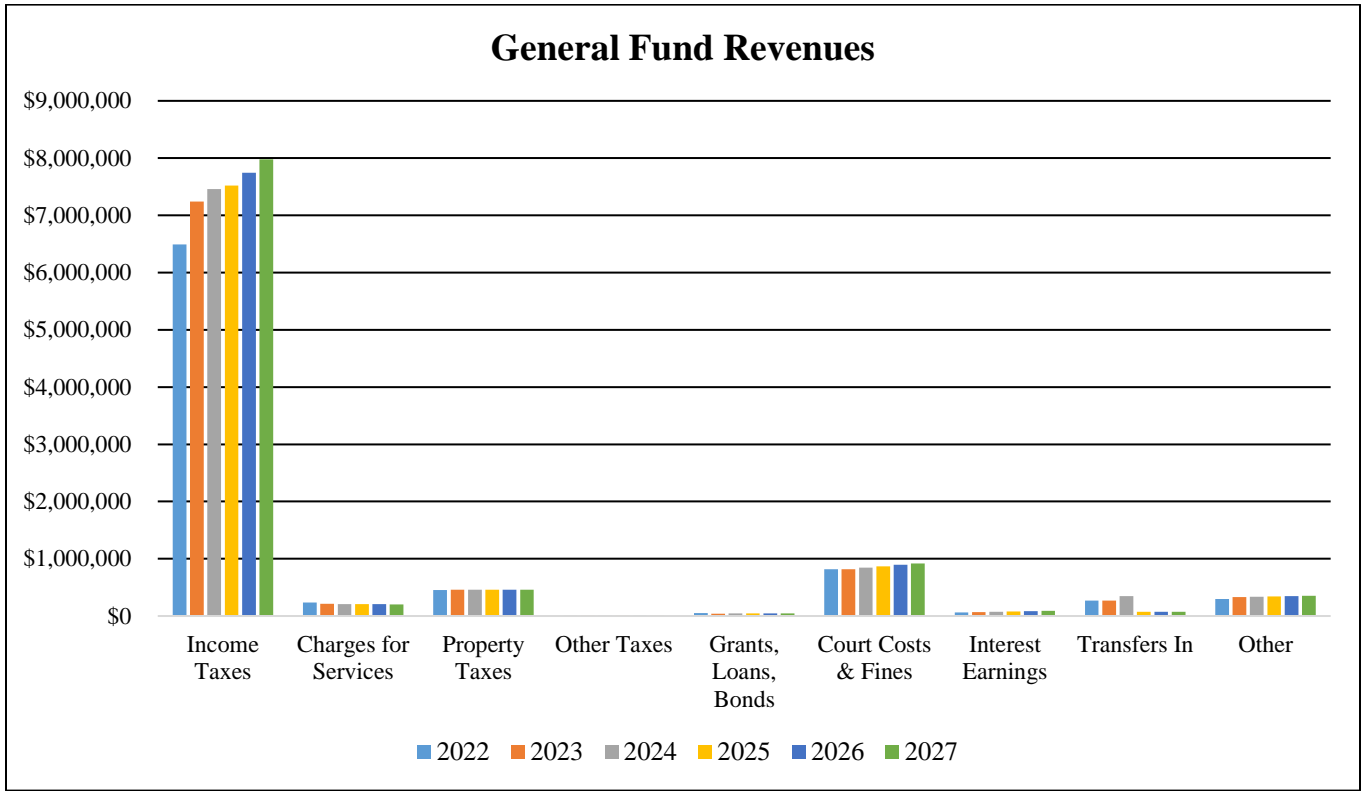


**Projections by Fund****General Fund Forecast-111**

	2022	2023	2024	2025	2026	2027
<b>Revenues</b>						
Income Taxes	\$6,494,000	\$7,239,414	\$7,456,597	\$7,518,604	\$7,744,162	\$7,976,487
Charges for Services	\$234,870	\$212,655	\$210,097	\$208,006	\$206,120	\$204,558
Property Taxes	\$455,304	\$457,900	\$457,900	\$457,900	\$457,900	\$457,900
Other Taxes	\$20,350	\$20,478	\$20,478	\$20,478	\$20,478	\$20,478
Grants, Loans, Bonds	\$53,331	\$42,454	\$43,693	\$44,968	\$46,282	\$47,635
Court Costs & Fines	\$819,000	\$819,797	\$843,797	\$868,517	\$893,978	\$920,204
Interest Earnings	\$60,000	\$70,528	\$75,528	\$80,528	\$85,528	\$90,528
Transfers In	\$268,490	\$266,571	\$347,000	\$72,000	\$72,000	\$72,000
Other	\$298,819	\$328,921	\$334,731	\$341,399	\$348,400	\$355,751
<b>Total Revenues</b>	<b>\$8,704,164</b>	<b>\$9,458,718</b>	<b>\$9,789,820</b>	<b>\$9,612,400</b>	<b>\$9,874,849</b>	<b>\$10,145,541</b>
	2022	2023	2024	2025	2026	2027
<b>Expenditures</b>						
Personnel	\$5,441,900	\$5,710,417	\$6,018,419	\$6,343,486	\$6,684,511	\$7,043,439
Operations	\$954,739	\$801,752	\$812,857	\$824,299	\$836,084	\$848,220
Contracts	\$1,169,931	\$1,146,112	\$987,435	\$993,949	\$1,025,657	\$1,032,566
Transfers	\$2,604,210	\$2,821,618	\$2,717,854	\$1,633,550	\$1,298,807	\$1,255,951
<b>Total Expenditures</b>	<b>\$10,170,780</b>	<b>\$10,479,899</b>	<b>\$10,536,565</b>	<b>\$9,795,284</b>	<b>\$9,845,059</b>	<b>\$10,180,176</b>
<b>Revenues Over / (Under) Expenditures</b>	<b>(\$1,466,616)</b>	<b>(\$1,021,181)</b>	<b>(\$746,745)</b>	<b>(\$182,884)</b>	\$29,790	<b>(\$34,635)</b>
<b>Beginning Unencumbered Balance</b>	\$2,571,170	\$1,962,099	\$940,918	\$194,172	\$11,288	\$41,078
<b>Ending Balance <sup>1</sup></b>	<b>\$1,962,099</b>	<b>\$940,918</b>	<b>\$194,172</b>	<b>\$11,288</b>	<b>\$41,078</b>	<b>\$6,443</b>

\$6,494,000 reflects the original estimate for income taxes. An increase of \$800,000 based on year to date actuals was added to the ending balance for the purposes of this forecast.

<sup>1</sup> The calculation to determine the ending balance for 2022 may differ from what is presented, due to changes to the budget, revenue estimates, and/or the anticipated ending balance based on the City's historical budget performance.



**General Operating Reserve Fund-202**

	2022	2023	2024	2025	2026	2027
<b>Revenues</b>						
Income Taxes	\$0	\$0	\$0	\$161,690	\$166,541	\$171,537
Transfers In	\$150,000	\$0	\$0	\$0	\$0	\$0
<b>Total Revenues</b>	<b>\$150,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$161,690</b>	<b>\$166,541</b>	<b>\$171,537</b>
<b>Expenditures</b>						
Transfers	\$0	\$0	\$500,000	\$0	\$0	\$0
<b>Total Expenditures</b>	<b>\$0</b>	<b>\$0</b>	<b>\$500,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Revenues Over / (Under) Expenditures</b>	\$150,000	\$0	(\$500,000)	\$161,690	\$166,541	\$171,537
<b>Beginning Unencumbered Balance</b>	\$2,100,000	\$2,250,000	\$2,250,000	\$1,750,000	\$1,911,690	\$2,078,232
<b>Ending Balance <sup>1</sup></b>	<b>\$2,250,000</b>	<b>\$2,250,000</b>	<b>\$1,750,000</b>	<b>\$1,911,690</b>	<b>\$2,078,232</b>	<b>\$2,249,769</b>

<sup>1</sup> The calculation to determine the ending balance for 2022 may differ from what is presented, due to changes to the budget, revenue estimates, and/or the anticipated ending balance based on the City’s historical budget performance.

**Payroll Stabilization Reserve Fund-204**

	2022	2023	2024	2025	2026	2027
<b>Revenues</b>						
Income Taxes	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Revenues</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Expenditures</b>						
Transfers	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Expenditures</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Revenues Over / (Under) Expenditures</b>	\$0	\$0	\$0	\$0	\$0	\$0
<b>Beginning Unencumbered Balance</b>	\$193,663	\$193,663	\$193,663	\$193,663	\$193,663	\$193,663
<b>Ending Balance <sup>1</sup></b>	<b>\$193,663</b>	<b>\$193,663</b>	<b>\$193,663</b>	<b>\$193,663</b>	<b>\$193,663</b>	<b>\$193,663</b>

<sup>1</sup> The calculation to determine the ending balance for 2022 may differ from what is presented, due to changes to the budget, revenue estimates, and/or the anticipated ending balance based on the City’s historical budget performance.

**SCMR Forecast-212**

	2022	2023	2024	2025	2026	2027
<b>Revenues</b>						
Other Taxes	\$654,640	\$590,000	\$590,000	\$590,000	\$590,000	\$590,000
Interest Earnings	\$500	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000
<b>Total Revenues</b>	<b>\$655,140</b>	<b>\$595,000</b>	<b>\$595,000</b>	<b>\$595,000</b>	<b>\$595,000</b>	<b>\$595,000</b>
<b>Expenditures</b>						
Operations	\$99,400	\$129,346	\$129,346	\$129,346	\$129,346	\$129,346
Contracts	\$292,100	\$190,000	\$355,000	\$260,000	\$205,000	\$205,000
Debt	\$222,680	\$197,580	\$253,580	\$261,080	\$288,080	\$288,080
Capital	\$126,200	\$0	\$0	\$0	\$0	\$0
<b>Total Expenditures</b>	<b>\$740,380</b>	<b>\$516,926</b>	<b>\$737,926</b>	<b>\$650,426</b>	<b>\$622,426</b>	<b>\$622,426</b>
<b>Revenues Over / (Under) Expenditures</b>	<b>(\$85,240)</b>	<b>\$78,074</b>	<b>(\$142,926)</b>	<b>(\$55,426)</b>	<b>(\$27,426)</b>	<b>(\$27,426)</b>
<b>Beginning Unencumbered Balance</b>	<b>\$262,076</b>	<b>\$176,836</b>	<b>\$254,910</b>	<b>\$111,985</b>	<b>\$56,559</b>	<b>\$29,134</b>
<b>Ending Balance <sup>1</sup></b>	<b>\$176,836</b>	<b>\$254,910</b>	<b>\$111,985</b>	<b>\$56,559</b>	<b>\$29,134</b>	<b>\$1,708</b>

<sup>1</sup> The calculation to determine the ending balance for 2022 may differ from what is presented, due to changes to the budget, revenue estimates, and/or the anticipated ending balance based on the City's historical budget performance.

**Permissive Tax Fund-232**

	2022	2023	2024	2025	2026	2027
<b>Revenues</b>						
Other Taxes	\$25,000	\$80,000	\$30,000	\$30,000	\$30,000	\$30,000
<b>Total Revenues</b>	<b>\$25,000</b>	<b>\$80,000</b>	<b>\$30,000</b>	<b>\$30,000</b>	<b>\$30,000</b>	<b>\$30,000</b>
<b>Expenditures</b>						
Contracts	\$0	\$0	\$0	\$95,000	\$125,000	\$75,000
Capital	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Expenditures</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$95,000</b>	<b>\$125,000</b>	<b>\$75,000</b>
<b>Revenues Over / (Under) Expenditures</b>	<b>\$25,000</b>	<b>\$80,000</b>	<b>\$30,000</b>	<b>(\$65,000)</b>	<b>(\$95,000)</b>	<b>(\$45,000)</b>
<b>Beginning Unencumbered Balance</b>	<b>\$73,477</b>	<b>\$98,477</b>	<b>\$178,477</b>	<b>\$208,477</b>	<b>\$143,477</b>	<b>\$48,477</b>
<b>Ending Balance <sup>1</sup></b>	<b>\$98,477</b>	<b>\$178,477</b>	<b>\$208,477</b>	<b>\$143,477</b>	<b>\$48,477</b>	<b>\$3,477</b>

<sup>1</sup> The calculation to determine the ending balance for 2022 may differ from what is presented, due to changes to the budget, revenue estimates, and/or the anticipated ending balance based on the City's historical budget performance.

**Sidewalk Fund (242)**

	2022	2023	2024	2025	2026	2027
<b>Revenues</b>						
Charges for Services	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Revenues</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Expenditures</b>						
Contracts	\$148,850	\$50,000	\$50,000	\$50,000	\$0	\$0
Capital	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Expenditures</b>	<b>\$148,850</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$50,000</b>	<b>\$0</b>	<b>\$0</b>
<b>Revenues Over / (Under) Expenditures</b>	<b>(\$148,850)</b>	<b>(\$50,000)</b>	<b>(\$50,000)</b>	<b>(\$50,000)</b>	\$0	\$0
<b>Beginning Unencumbered Balance</b>	\$226,811	\$150,311	\$100,311	\$50,311	\$311	\$311
<b>Ending Balance <sup>1</sup></b>	<b>\$150,311</b>	<b>\$100,311</b>	<b>\$50,311</b>	<b>\$311</b>	<b>\$311</b>	<b>\$311</b>

<sup>1</sup> The calculation to determine the ending balance for 2022 may differ from what is presented, due to changes to the budget, revenue estimates, and/or the anticipated ending balance based on the City's historical budget performance.

**Sidewalk Fund (260)**

	2022	2023	2024	2025	2026	2027
<b>Revenues</b>						
Charges for Services	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000
Grants, Loans, Bonds	\$132,000	\$0	\$0	\$0	\$0	\$0
<b>Total Revenues</b>	<b>\$232,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$100,000</b>
<b>Expenditures</b>						
Contracts	\$0	\$0	\$0	\$0	\$50,000	\$50,000
Capital	\$188,000	\$38,275	\$228,592	\$10,100	\$31,377	\$0
<b>Total Expenditures</b>	<b>\$188,000</b>	<b>\$38,275</b>	<b>\$228,592</b>	<b>\$10,100</b>	<b>\$81,377</b>	<b>\$50,000</b>
<b>Revenues Over / (Under) Expenditures</b>	\$44,000	\$61,725	<b>(\$128,592)</b>	\$89,900	\$18,623	\$50,000
<b>Beginning Unencumbered Balance</b>	\$101,417	\$145,417	\$207,142	\$78,550	\$168,450	\$187,073
<b>Ending Balance <sup>1</sup></b>	<b>\$145,417</b>	<b>\$207,142</b>	<b>\$78,550</b>	<b>\$168,450</b>	<b>\$187,073</b>	<b>\$237,073</b>

<sup>1</sup> The calculation to determine the ending balance for 2022 may differ from what is presented, due to changes to the budget, revenue estimates, and/or the anticipated ending balance based on the City's historical budget performance.

**Infrastructure Improvement Fund (OPWC) Forecast-450**

	2022	2023	2024	2025	2026	2027
<b>Revenues</b>						
Grants, Loans, Bonds	\$333,550	\$678,700	\$400,000	\$350,000	\$0	\$0
Transfers In	\$400,000	\$0	\$0	\$0	\$0	\$0
<b>Total Revenues</b>	<b>\$733,550</b>	<b>\$678,700</b>	<b>\$400,000</b>	<b>\$350,000</b>	<b>\$0</b>	<b>\$0</b>
<b>Expenditures</b>						
Capital	\$0	\$678,700	\$459,676	\$525,096	\$0	\$125,846
<b>Total Expenditures</b>	<b>\$0</b>	<b>\$678,700</b>	<b>\$459,676</b>	<b>\$525,096</b>	<b>\$0</b>	<b>\$125,846</b>
<b>Revenues Over / (Under) Expenditures</b>	\$733,550	\$0	(\$59,676)	(\$175,096)	\$0	(\$125,846)
<b>Beginning Unencumbered Balance</b>	(\$278,443)	\$455,107	\$455,107	\$395,431	\$220,335	\$220,335
<b>Ending Balance <sup>1</sup></b>	<b>\$455,107</b>	<b>\$455,107</b>	<b>\$395,431</b>	<b>\$220,335</b>	<b>\$220,335</b>	<b>\$94,489</b>

<sup>1</sup> The calculation to determine the ending balance for 2022 may differ from what is presented, due to changes to the budget, revenue estimates, and/or the anticipated ending balance based on the City's historical budget performance.

**General Capital Improvement Fund Forecast-452**

	2022	2023	2024	2025	2026	2027
<b>Revenues</b>						
Income Taxes	\$205,100	\$228,613	\$235,471	\$242,536	\$249,812	\$257,306
Grants, Loans, Bonds	\$348,970	\$0	\$3,111,904	\$1,475,440	\$0	\$0
Transfers In	\$975,000	\$1,320,000	\$1,465,000	\$555,000	\$102,300	\$50,000
Other	\$31,500	\$29,737	\$29,737	\$29,737	\$29,737	\$29,737
<b>Total Revenues</b>	<b>\$1,560,570</b>	<b>\$1,578,350</b>	<b>\$4,842,112</b>	<b>\$2,302,712</b>	<b>\$381,849</b>	<b>\$337,043</b>
<b>Expenditures</b>						
Transfers	\$21,900	\$21,900	\$21,900	\$21,900	\$21,900	\$21,900
Capital	\$1,672,000	\$1,570,932	\$5,007,634	\$1,953,128	\$552,500	\$441,000
<b>Total Expenditures</b>	<b>\$1,693,900</b>	<b>\$1,592,832</b>	<b>\$5,029,534</b>	<b>\$1,975,028</b>	<b>\$574,400</b>	<b>\$462,900</b>
<b>Revenues Over / (Under) Expenditures</b>	(\$133,330)	(\$14,482)	(\$187,423)	\$327,684	(\$192,551)	(\$125,857)
<b>Beginning Unencumbered Balance</b>	\$362,324	\$228,994	\$214,512	\$27,089	\$354,773	\$162,222
<b>Ending Balance <sup>1</sup></b>	<b>\$228,994</b>	<b>\$214,512</b>	<b>\$27,089</b>	<b>\$354,773</b>	<b>\$162,222</b>	<b>\$36,365</b>

<sup>1</sup> The calculation to determine the ending balance for 2022 may differ from what is presented, due to changes to the budget, revenue estimates, and/or the anticipated ending balance based on the City's historical budget performance.

**TIF Fund-460**

	2022	2023	2024	2025	2026	2027
<b>Revenues</b>						
TIF/RID	\$100,000	\$85,000	\$85,000	\$90,000	\$90,000	\$92,000
<b>Total Revenues</b>	<b>\$100,000</b>	<b>\$85,000</b>	<b>\$85,000</b>	<b>\$90,000</b>	<b>\$90,000</b>	<b>\$92,000</b>
<b>Expenditures</b>						
Transfers	\$0	\$46,600	\$46,600	\$96,600	\$96,600	\$96,600
Debt	\$0	\$0	\$0	\$0	\$0	\$0
Capital	\$0	\$0	\$240,993	\$0	\$0	\$0
<b>Total Expenditures</b>	<b>\$0</b>	<b>\$46,600</b>	<b>\$287,593</b>	<b>\$96,600</b>	<b>\$96,600</b>	<b>\$96,600</b>
<b>Revenues Over / (Under) Expenditures</b>	\$100,000	\$38,400	(\$202,593)	(\$6,600)	(\$6,600)	(\$4,600)
<b>Beginning Unencumbered Balance</b>	\$83,791	\$183,791	\$222,191	\$19,598	\$12,998	\$6,398
<b>Ending Balance <sup>1</sup></b>	<b>\$183,791</b>	<b>\$222,191</b>	<b>\$19,598</b>	<b>\$12,998</b>	<b>\$6,398</b>	<b>\$1,798</b>

<sup>1</sup> The calculation to determine the ending balance for 2022 may differ from what is presented, due to changes to the budget, revenue estimates, and/or the anticipated ending balance based on the City’s historical budget performance.

**Redwood TIF Fund(461)**

	2022	2023	2024	2025	2026	2027
<b>Revenues</b>						
TIF/RID	\$0	\$0	\$0	\$147,650	\$147,650	\$147,650
<b>Total Revenues</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$147,650</b>	<b>\$147,650</b>	<b>\$147,650</b>
<b>Expenditures</b>						
Transfers	\$0	\$0	\$0	\$0	\$0	\$0
Debt	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Expenditures</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Revenues Over / (Under) Expenditures</b>	\$0	\$0	\$0	\$147,650	\$147,650	\$147,650
<b>Beginning Unencumbered Balance</b>	\$0	\$0	\$0	\$0	\$147,650	\$295,301
<b>Ending Balance <sup>1</sup></b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$147,650</b>	<b>\$295,301</b>	<b>\$442,951</b>

<sup>1</sup> The calculation to determine the ending balance for 2022 may differ from what is presented, due to changes to the budget, revenue estimates, and/or the anticipated ending balance based on the City’s historical budget performance.

**Hidden Glen RID Fund-462**

	2022	2023	2024	2025	2026	2027
<b>Revenues</b>						
TIF/RID	\$116,500	\$105,795	\$105,795	\$105,795	\$105,795	\$105,795
Grants, Loans, Bonds	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Revenues</b>	<b>\$116,500</b>	<b>\$105,795</b>	<b>\$105,795</b>	<b>\$105,795</b>	<b>\$105,795</b>	<b>\$105,795</b>
<b>Expenditures</b>						
Capital	\$0	\$0	\$210,000	\$632,400	\$0	\$0
<b>Total Expenditures</b>	<b>\$0</b>	<b>\$0</b>	<b>\$210,000</b>	<b>\$632,400</b>	<b>\$0</b>	<b>\$0</b>
<b>Revenues Over / (Under) Expenditures</b>	\$116,500	\$105,795	(\$104,205)	(\$526,605)	\$105,795	\$105,795
<b>Beginning Unencumbered Balance</b>	\$411,111	\$527,611	\$633,406	\$529,201	\$2,596	\$108,390
<b>Ending Balance <sup>1</sup></b>	<b>\$527,611</b>	<b>\$633,406</b>	<b>\$529,201</b>	<b>\$2,596</b>	<b>\$108,390</b>	<b>\$214,185</b>

<sup>1</sup> The calculation to determine the ending balance for 2022 may differ from what is presented, due to changes to the budget, revenue estimates, and/or the anticipated ending balance based on the City's historical budget performance.

**Thistle Creek RID Fund-468**

	2022	2023	2024	2025	2026	2027
<b>Revenues</b>						
TIF/RID	\$110	\$19,408	\$38,815	\$62,104	\$62,104	\$62,104
<b>Total Revenues</b>	<b>\$110</b>	<b>\$19,408</b>	<b>\$38,815</b>	<b>\$62,104</b>	<b>\$62,104</b>	<b>\$62,104</b>
<b>Expenditures</b>						
Transfers	\$0	\$0	\$0	\$0	\$0	\$0
Capital	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Expenditures</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Revenues Over / (Under) Expenditures</b>	\$110	\$19,408	\$38,815	\$62,104	\$62,104	\$62,104
<b>Beginning Unencumbered Balance</b>	\$0	\$110	\$19,518	\$58,333	\$120,437	\$182,542
<b>Ending Balance <sup>1</sup></b>	<b>\$110</b>	<b>\$19,518</b>	<b>\$58,333</b>	<b>\$120,437</b>	<b>\$182,542</b>	<b>\$244,646</b>

<sup>1</sup> The calculation to determine the ending balance for 2022 may differ from what is presented, due to changes to the budget, revenue estimates, and/or the anticipated ending balance based on the City's historical budget performance.



**Chardon Square Capital Improvement Fund-451**

	2022	2023	2024	2025	2026	2027
<b>Revenues</b>						
Income Taxes	\$136,700	\$152,409	\$156,981	\$161,690	\$166,541	\$171,537
Transfers In	\$0	\$461,867	\$852,030	\$0	\$0	\$0
<b>Total Revenues</b>	<b>\$136,700</b>	<b>\$614,276</b>	<b>\$1,009,011</b>	<b>\$161,690</b>	<b>\$166,541</b>	<b>\$171,537</b>
<b>Expenditures</b>						
Capital	\$0	\$1,000,000	\$1,000,000	\$0	\$0	\$0
<b>Total Expenditures</b>	<b>\$0</b>	<b>\$1,000,000</b>	<b>\$1,000,000</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>
<b>Revenues Over / (Under) Expenditures</b>	\$136,700	(\$385,724)	\$9,011	\$161,690	\$166,541	\$171,537
<b>Beginning Unencumbered Balance</b>	\$241,935	\$394,635	\$8,911	\$17,922	\$179,612	\$346,153
<b>Ending Balance <sup>1</sup></b>	<b>\$394,635</b>	<b>\$8,911</b>	<b>\$17,922</b>	<b>\$179,612</b>	<b>\$346,153</b>	<b>\$517,690</b>

<sup>1</sup> The calculation to determine the ending balance for 2022 may differ from what is presented, due to changes to the budget, revenue estimates, and/or the anticipated ending balance based on the City's historical budget performance.

**Water Operating Fund Forecast-560**

	2022	2023	2024	2025	2026	2027
<b>Revenues</b>						
Charges for Services	\$1,021,547	\$1,000,247	\$1,010,223	\$1,020,298	\$1,030,475	\$1,040,753
Grants, Loans, Bonds	\$0	\$0	\$0	\$0	\$0	\$0
Interest Earnings	\$500	\$2,453	\$2,453	\$2,453	\$2,453	\$2,453
Other	\$37,500	\$38,577	\$40,110	\$24,669	\$25,256	\$25,873
<b>Total Revenues</b>	<b>\$1,059,547</b>	<b>\$1,041,277</b>	<b>\$1,052,786</b>	<b>\$1,047,420</b>	<b>\$1,058,184</b>	<b>\$1,069,079</b>
<b>Expenditures</b>						
Personnel	\$601,740	\$631,835	\$667,599	\$703,319	\$741,464	\$781,142
Operations	\$277,120	\$244,265	\$247,711	\$251,259	\$254,914	\$258,681
Contracts	\$155,650	\$100,807	\$100,922	\$101,039	\$101,161	\$101,285
Transfers	\$170,000	\$60,000	\$55,000	\$0	\$0	\$0
Debt	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Expenditures</b>	<b>\$1,204,510</b>	<b>\$1,036,907</b>	<b>\$1,071,231</b>	<b>\$1,055,618</b>	<b>\$1,097,538</b>	<b>\$1,141,108</b>
<b>Revenues Over / (Under) Expenditures</b>	(\$144,963)	\$4,370	(\$18,446)	(\$8,198)	(\$39,355)	(\$72,030)
<b>Beginning Unencumbered Balance</b>	\$283,177	\$138,614	\$142,984	\$124,538	\$116,340	\$76,985
<b>Ending Balance <sup>1</sup></b>	<b>\$138,614</b>	<b>\$142,984</b>	<b>\$124,538</b>	<b>\$116,340</b>	<b>\$76,985</b>	<b>\$4,956</b>

<sup>1</sup> The calculation to determine the ending balance for 2022 may differ from what is presented, due to changes to the budget, revenue estimates, and/or the anticipated ending balance based on the City's historical budget performance.

**Water Capital Improvement Fund Forecast-562**

	2022	2023	2024	2025	2026	2027
<b>Revenues</b>						
Charges for Services	\$628,970	\$639,765	\$653,373	\$602,109	\$610,977	\$619,978
Grants, Loans, Bonds	\$0	\$0	\$0	\$184,743	\$903,995	\$1,173,625
Transfers In	\$170,000	\$60,000	\$55,000	\$0	\$18,400	\$0
Other	\$5,000	\$563	\$285	\$285	\$285	\$285
<b>Total Revenues</b>	<b>\$804,470</b>	<b>\$700,329</b>	<b>\$708,658</b>	<b>\$787,137</b>	<b>\$1,533,657</b>	<b>\$1,793,888</b>
<b>Expenditures</b>						
Transfers	\$396,160	\$396,145	\$396,145	\$396,145	\$457,905	\$457,905
Debt	\$28,700	\$28,790	\$28,790	\$28,790	\$44,790	\$44,790
Capital	\$470,350	\$414,678	\$206,331	\$260,483	\$1,081,445	\$1,503,625
<b>Total Expenditures</b>	<b>\$895,210</b>	<b>\$839,613</b>	<b>\$631,266</b>	<b>\$685,418</b>	<b>\$1,584,140</b>	<b>\$2,006,320</b>
<b>Revenues Over / (Under) Expenditures</b>	<b>(\$90,740)</b>	<b>(\$139,284)</b>	\$77,392	\$101,719	<b>(\$50,483)</b>	<b>(\$212,432)</b>
<b>Beginning Unencumbered Balance</b>	\$134,748	\$314,008	\$174,724	\$252,116	\$353,835	\$303,352
<b>Ending Balance <sup>1</sup></b>	<b>\$314,008</b>	<b>\$174,724</b>	<b>\$252,116</b>	<b>\$353,835</b>	<b>\$303,352</b>	<b>\$90,920</b>

<sup>1</sup> The calculation to determine the ending balance for 2022 may differ from what is presented, due to changes to the budget, revenue estimates, and/or the anticipated ending balance based on the City's historical budget performance.

**Sewer Operating Fund Forecast-570**

	2022	2023	2024	2025	2026	2027
<b>Revenues</b>						
Charges for Services	\$1,355,587	\$1,340,301	\$1,377,136	\$1,414,983	\$1,453,871	\$1,493,829
Interest Earnings	\$500	\$5,000	\$5,000	\$5,000	\$5,000	\$5,001
Other	\$21,200	\$22,340	\$23,215	\$24,134	\$25,099	\$26,113
<b>Total Revenues</b>	<b>\$1,377,287</b>	<b>\$1,367,641</b>	<b>\$1,405,351</b>	<b>\$1,444,117</b>	<b>\$1,483,970</b>	<b>\$1,524,943</b>
<b>Expenditures</b>						
Personnel	\$845,590	\$884,817	\$932,763	\$983,273	\$1,035,978	\$1,091,531
Operations	\$396,320	\$359,241	\$365,854	\$372,666	\$379,682	\$386,910
Contracts	\$181,055	\$123,515	\$123,629	\$123,747	\$123,868	\$123,992
Transfers	\$275,000	\$0	\$0	\$0	\$0	\$0
Debt	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total Expenditures</b>	<b>\$1,697,965</b>	<b>\$1,367,572</b>	<b>\$1,422,246</b>	<b>\$1,479,686</b>	<b>\$1,539,528</b>	<b>\$1,602,434</b>
<b>Revenues Over / (Under) Expenditures</b>	<b>(\$320,678)</b>	\$69	<b>(\$16,895)</b>	<b>(\$35,569)</b>	<b>(\$55,558)</b>	<b>(\$77,491)</b>
<b>Beginning Unencumbered Balance</b>	\$515,140	\$192,962	\$193,031	\$176,136	\$140,567	\$85,009
<b>Ending Balance <sup>1</sup></b>	<b>\$192,962</b>	<b>\$193,031</b>	<b>\$176,136</b>	<b>\$140,567</b>	<b>\$85,009</b>	<b>\$7,518</b>

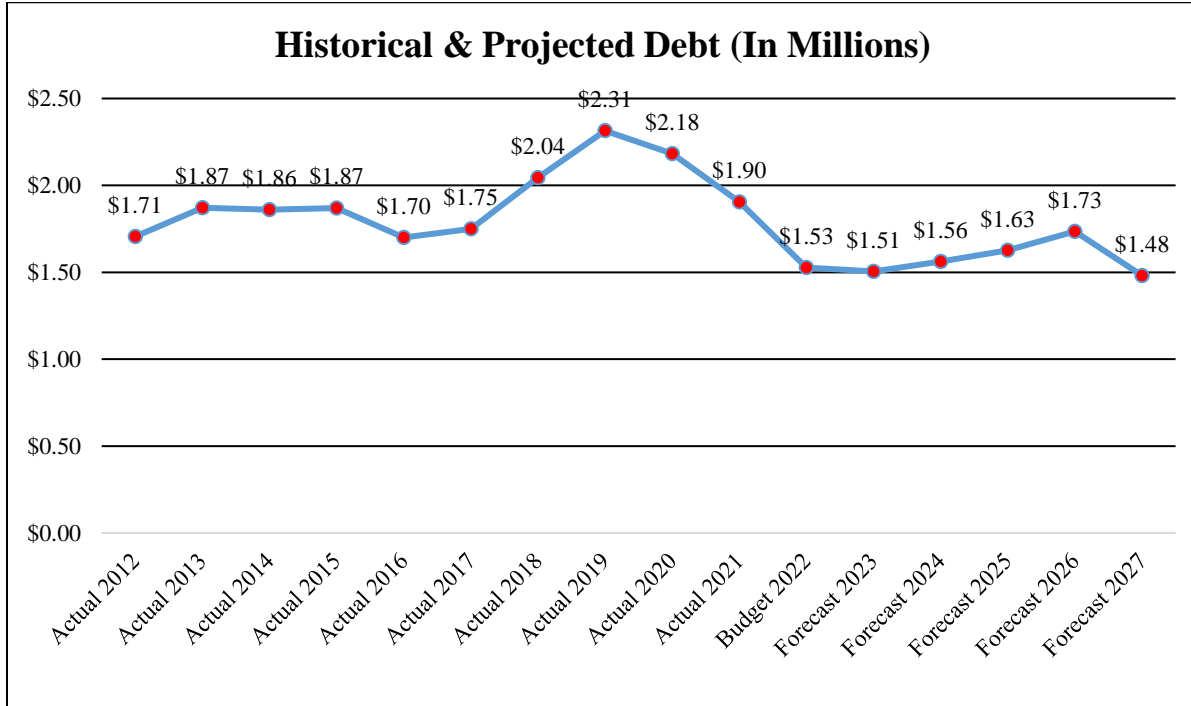
<sup>1</sup> The calculation to determine the ending balance for 2022 may differ from what is presented, due to changes to the budget, revenue estimates, and/or the anticipated ending balance based on the City's historical budget performance.

### Sewer Capital Improvement Fund Forecast-572

	2022	2023	2024	2025	2026	2027
<b>Revenues</b>						
Charges for Services	\$550,780	\$550,780	\$559,042	\$567,427	\$575,939	\$584,578
Grants, Loans, Bonds	\$0	\$0	\$0	\$254,860	\$0	\$0
Interest Earnings	\$500	\$2,500	\$2,500	\$2,500	\$2,500	\$2,501
Transfers In	\$275,000	\$0	\$0	\$0	\$0	\$0
Other	\$0	\$1,700	\$1,700	\$1,700	\$1,700	\$1,700
<b>Total Revenues</b>	<b>\$826,280</b>	<b>\$554,980</b>	<b>\$563,242</b>	<b>\$826,487</b>	<b>\$580,139</b>	<b>\$588,779</b>
<b>Expenditures</b>						
Transfers	\$319,900	\$273,850	\$274,350	\$404,750	\$405,250	\$201,050
Debt	\$35,200	\$34,940	\$34,940	\$34,940	\$34,940	\$34,940
Capital	\$399,050	\$418,818	\$126,346	\$473,700	\$79,500	\$421,880
<b>Total Expenditures</b>	<b>\$754,150</b>	<b>\$727,608</b>	<b>\$435,636</b>	<b>\$913,390</b>	<b>\$519,690</b>	<b>\$657,870</b>
<b>Revenues Over / (Under) Expenditures</b>	\$72,130	(\$172,628)	\$127,606	(\$86,903)	\$60,449	(\$69,091)
<b>Beginning Unencumbered Balance</b>	\$195,912	\$268,042	\$95,414	\$223,020	\$136,117	\$196,566
<b>Ending Balance <sup>1</sup></b>	<b>\$268,042</b>	<b>\$95,414</b>	<b>\$223,020</b>	<b>\$136,117</b>	<b>\$196,566</b>	<b>\$127,475</b>

<sup>1</sup> The calculation to determine the ending balance for 2022 may differ from what is presented, due to changes to the budget, revenue estimates, and/or the anticipated ending balance based on the City's historical budget performance.

**Debt Forecast**



**All Fund Forecasted Debt Expenditures**

	2023	2024	2025	2026	2027
Water Treatment Plant	\$358,130	\$358,130	\$358,130	\$358,130	\$358,130
Eastside Sanitary Trunk Sewer	\$202,800	\$203,300	\$203,700	\$204,200	\$0
Street Garage	\$372,751	\$372,179	\$375,550	\$378,807	\$385,950
Wilson Mills Sewer	\$7,110	\$7,110	\$7,110	\$7,110	\$0
OPWC Street Projects	\$261,310	\$317,310	\$380,810	\$423,810	\$367,810
SW Sanitary Trunk Sewer	\$46,600	\$46,600	\$46,600	\$46,600	\$46,600
East King Water Line	\$38,015	\$38,015	\$38,015	\$38,015	\$38,015
Railroad Trunk Sewer	\$218,950	\$218,950	\$218,950	\$218,950	\$218,950
N Hambden Water Line	\$0	\$0	\$0	\$61,760	\$61,760
<b>Total Forecasted Debt</b>	<b>\$1,505,666</b>	<b>\$1,561,594</b>	<b>\$1,628,865</b>	<b>\$1,737,382</b>	<b>\$1,477,215</b>

**City of Chardon Debt Payments, Part 1 of 4**

SOURCE:	OPWC	OPWC	OPWC	OPWC	EPA	EPA
PROJECT:	NORTH ST 0%	FIFTH AVE 0%	DOWNING DR 0%	COURT KAREN LOST POND 0%	EASTSIDE SEWER 3%	WATER PLANT 2%
CITY FUND:	SCMR	SCMR	SCMR/ WAT CIP/ SW CIP	SCMR	WPCLF	WSRLA
2023	\$17,910	\$23,400	\$13,320	\$29,700	\$202,752	\$358,130
2024	\$17,910	\$23,400	\$13,320	\$29,700	\$203,209	\$358,130
2025	\$17,910	\$23,400	\$13,320	\$29,700	\$203,681	\$358,130
2026	\$17,910	\$23,400	\$13,320	\$29,700	\$204,168	\$358,130
2027	\$17,910	\$23,400	\$13,320	\$29,700		\$358,130
2028	\$8,955	\$11,700	\$13,320	\$29,700		\$179,070
2029			\$13,320	\$29,700		
2030			\$13,320	\$29,700		
2031			\$13,320	\$29,700		
2032			\$13,320	\$29,700		
2033				\$29,700		
2034						
2035						
2036						
2037						
2038						
2039						
2040						
2041						
2042						
2043						
2044						
2045						
<b>TOTAL DEBT</b>	<b>\$358,205</b>	<b>\$468,000</b>	<b>\$266,360</b>	<b>\$594,000</b>	<b>\$4,063,645</b>	<b>\$7,212,410</b>
<b>TOTAL LEFT</b>	<b>\$98,506</b>	<b>\$128,700</b>	<b>\$133,200</b>	<b>\$326,700</b>	<b>\$813,810</b>	<b>\$1,969,720</b>

NOTE: Totals will vary slightly with the preceding charts due to rounding.

**City of Chardon Debt Payments, Part 2 of 4**

SOURCE:	EPA	EPA	G.O. DEBT	OPWC	OPWC	OPWC
PROJECT:	WILSON MILLS SEWER 0%	SW TRUNK SEWER 2.78%	SERVICE GARAGE 1.42%	WASH/FIFTH HUNT/GOODR 0%	MAPLE AVENUE 0%	CLARIDON RD E KING ST 0%
CITY FUND:	WPCLF	TIF	G.O. DEBT	SCMR	SCMR/ WAT CIP/ SW CIP	SCMR
2023	\$7,105	\$46,540	\$372,751	\$18,325	\$58,400	\$36,020
2024	\$7,105	\$46,540	\$372,178	\$18,325	\$58,400	\$36,020
2025	\$7,105	\$46,540	\$375,549	\$18,325	\$58,400	\$36,020
2026	\$7,105	\$46,540	\$378,806	\$18,325	\$58,400	\$36,020
2027		\$46,540	\$385,950	\$18,325	\$58,400	\$36,020
2028		\$46,540	\$387,923	\$18,325	\$58,400	\$36,020
2029		\$46,540	\$388,797	\$18,325	\$58,400	\$36,020
2030		\$46,540	\$395,586	\$18,325	\$58,400	\$36,020
2031		\$46,540	\$400,204	\$18,325	\$58,400	\$36,020
2032		\$46,540	\$405,680	\$18,325	\$58,400	\$36,020
2033		\$46,540		\$18,325	\$58,400	\$36,020
2034		\$46,540		\$18,325	\$58,400	\$36,020
2035		\$46,540		\$18,325	\$58,400	\$36,020
2036				\$18,325	\$58,400	\$36,020
2037				\$9,165	\$58,400	\$36,020
2038						\$36,020
2039						\$36,020
2040						
2041						
2042						
2043						
2044						
2045						
<b>TOTAL DEBT</b>	<b>\$103,024</b>	<b>\$930,800</b>	<b>\$6,378,305</b>	<b>\$366,505</b>	<b>\$1,168,000</b>	<b>\$720,400</b>
<b>TOTAL LEFT</b>	<b>\$28,420</b>	<b>\$605,020</b>	<b>\$3,863,424</b>	<b>\$265,715</b>	<b>\$876,000</b>	<b>\$612,340</b>

NOTE: Totals will vary slightly with the preceding charts due to rounding.

**City of Chardon Debt Payments, Part 3 of 4**

SOURCE:	EPA	EPA	OPWC	OPWC	OPWC	OPWC
PROJECT:	E KING ST WATER LINE	RAILROAD TRUNK SEWER	SOUTH HAMB DEN ST	CANFIELD AVENUE (EST)	CHARDON AVENUE (EST)	SEVENTH AVENUE (EST)
	1.65%	2.14%	0%	0%	0%	0%
CITY FUND:	WSRLA	WPCLF	SCMR/ SW CIP	SCMR	SCMR/ WAT CIP/ SW CIP	SCMR / REDWOOD TIF
2023	\$38,015	\$218,880	\$16,840	\$17,800	\$29,200	
2024	\$38,015	\$218,880	\$16,840	\$17,800	\$29,200	\$56,000
2025	\$38,015	\$218,880	\$16,840	\$17,800	\$29,200	\$56,000
2026	\$38,015	\$218,880	\$16,840	\$17,800	\$29,200	\$56,000
2027	\$38,015	\$218,880	\$16,840	\$17,800	\$29,200	\$56,000
2028	\$38,015	\$218,880	\$16,840	\$17,800	\$29,200	\$56,000
2029	\$38,015	\$218,880	\$16,840	\$17,800	\$29,200	\$56,000
2030	\$38,015	\$218,880	\$16,840	\$17,800	\$29,200	\$56,000
2031	\$38,015	\$218,880	\$16,840	\$17,800	\$29,200	\$56,000
2032	\$38,015	\$218,880	\$16,840	\$17,800	\$29,200	\$56,000
2033	\$38,015	\$218,880	\$16,840	\$17,800	\$29,200	\$56,000
2034	\$38,015	\$218,880	\$16,840	\$17,800	\$29,200	\$56,000
2035	\$38,015	\$218,880	\$16,840	\$17,800	\$29,200	\$56,000
2036	\$38,015	\$218,880	\$16,840	\$17,800	\$29,200	\$56,000
2037	\$38,015	\$218,880	\$16,840	\$17,800	\$29,200	\$56,000
2038	\$38,015	\$218,880	\$16,840	\$17,800	\$29,200	\$56,000
2039			\$16,840	\$17,800	\$29,200	\$56,000
2040			\$8,420	\$17,800	\$29,200	\$56,000
2041				\$17,800	\$29,200	\$56,000
2042						\$56,000
2043						\$56,000
2044						
2045						
<b>TOTAL DEBT</b>	<b>\$760,300</b>	<b>\$4,377,600</b>	<b>\$336,800</b>	<b>\$356,000</b>	<b>\$584,000</b>	<b>\$1,120,000</b>
<b>TOTAL LEFT</b>	<b>\$608,240</b>	<b>\$3,502,080</b>	<b>\$294,700</b>	<b>\$338,200</b>	<b>\$554,800</b>	<b>\$1,120,000</b>

NOTE: Totals will vary slightly with the preceding charts due to rounding.

**City of Chardon Debt Payments, Part 4 of 4**

<b>SOURCE:</b>	<b>EPA</b>	<b>OPWC</b>	<b>ALL</b>
<b>PROJECT:</b>	<b>N HAMB DEN WATER LINE EST 3%</b>	<b>PARK AVE &amp; WASHINGTON ST EST 0%</b>	<b>TOTAL ANNUAL PAYMENTS</b>
<b>CITY FUND:</b>	<b>WSRLA/ THISTLE CREEK RID</b>	<b>SCMR/ WAT CIP</b>	
2023			<b>\$1,505,088</b>
2024			<b>\$1,560,973</b>
2025			<b>\$1,564,815</b>
2026	\$61,760	\$70,600	<b>\$1,700,920</b>
2027	\$61,760	\$70,600	<b>\$1,496,790</b>
2028	\$61,760	\$70,600	<b>\$1,299,048</b>
2029	\$61,760	\$70,600	<b>\$1,100,197</b>
2030	\$61,760	\$70,600	<b>\$1,106,986</b>
2031	\$61,760	\$70,600	<b>\$1,111,604</b>
2032	\$61,760	\$70,600	<b>\$1,117,080</b>
2033	\$61,760	\$70,600	<b>\$698,080</b>
2034	\$61,760	\$70,600	<b>\$668,380</b>
2035	\$61,760	\$70,600	<b>\$668,380</b>
2036	\$61,760	\$70,600	<b>\$621,840</b>
2037	\$61,760	\$70,600	<b>\$612,680</b>
2038	\$61,760	\$70,600	<b>\$545,115</b>
2039	\$61,760	\$70,600	<b>\$288,220</b>
2040	\$61,760	\$70,600	<b>\$243,780</b>
2041	\$61,760	\$70,600	<b>\$235,360</b>
2042	\$61,760	\$70,600	<b>\$188,360</b>
2043	\$61,760	\$70,600	<b>\$188,360</b>
2044	\$61,760	\$70,600	<b>\$132,360</b>
2045	\$61,760	\$70,600	<b>\$132,360</b>
<b>TOTAL DEBT</b>	<b>\$1,235,200</b>	<b>\$1,412,000</b>	<b>\$50,507,040</b>
<b>TOTAL LEFT</b>	<b>\$1,235,200</b>	<b>\$1,412,000</b>	<b>\$18,786,776</b>

NOTE: Totals will vary slightly with the preceding charts due to rounding.



**General Fund Transfers for WWTP Expansion Debt**

<b>YEAR</b>	<b>TRANSFER</b>	<b>INTEREST</b>	<b>REPAID</b>	<b>BALANCE</b>
2006	\$75,000.00	\$0.00	\$0.00	\$75,000.00
2007	\$550,000.00	\$10,667.10	\$0.00	\$635,667.10
2008	\$550,000.00	\$18,160.59	\$0.00	\$1,203,827.69
2009	\$450,000.00	\$3,049.81	\$0.00	\$1,656,877.50
2010	\$505,000.00	\$1,977.46	\$0.00	\$2,163,854.96
2011	\$550,000.00	\$1,232.08	\$0.00	\$2,715,087.04
2012	\$510,200.00	\$2,253.26	\$0.00	\$3,227,540.30
2013	\$522,000.00	\$1,160.83	\$0.00	\$3,750,701.13
2014	\$181,400.00	\$1,294.44	\$0.00	\$3,933,395.57
2015	\$542,000.00	\$4,908.40	\$0.00	\$4,480,303.97
2016	\$517,000.00	\$25,918.68	\$0.00	\$5,023,222.65
2017	\$507,000.00	\$56,992.31	\$0.00	\$5,587,214.96
2018	\$515,000.00	\$117,927.31	\$0.00	\$6,220,142.27
2019	\$565,000.00	\$150,833.62	\$0.00	\$6,935,975.89
2020	\$580,000.00	\$45,350.54	\$0.00	\$7,561,326.43
2021	\$0.00	\$5,000.00	\$0.00	\$7,566,326.43
2022	\$0.00	\$5,000.00	\$265,000.00	\$7,306,326.43
2023	\$0.00	\$5,000.00	\$337,000.00	\$7,046,326.43
2024	\$0.00	\$5,000.00	\$347,000.00	\$6,776,326.43
2025	\$0.00	\$5,000.00	\$72,000.00	\$6,731,326.43
2026	\$0.00	\$5,000.00	\$72,000.00	\$6,686,326.43
2027	\$0.00	\$5,000.00	\$72,000.00	\$6,431,326.43
<b>TOTAL</b>	<b>\$7,119,600.00</b>	<b>\$476,726.43</b>	<b>\$1,021,000</b>	<b>\$6,565,326.43</b>

**Note:** 2006-2020 are actuals; projections thereafter.

## **Unfunded Projects**

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### **Facility Improvements, Vehicles and Equipment**

1. Municipal Building Siding Replacement
2. Vacuum/Street Sweeper
3. Parking Lot behind Theatre w/8 vehicle car port
4. Parking Lot OVH and Fire Station
5. East Park St. Parking
6. Streets #4- 5 Ton Dump Truck
7. Water/Sewer #13 Van
8. Streets-#14 Air Compressor
9. Cemetery-Portable Cement Mixer

### **Roadway Construction and Improvements**

1. Meadowlands Dr. Phase 2 Extension Project
2. North Street Reconstruction
3. Wilson Mills Road Widening to Corp Limit
4. Traffic Signalization
5. N Hambden/Huntington/Maple Intersection

### **Sidewalks**

1. Downing, Basquin, Allynd

### **Drainage Improvements**

1. Court St./Water St. Storm Sewer
2. Water St./Park Ave. Storm Sewer
3. Chardon Park Estates Storm Sewer Improvements

### **Sanitary Sewer System Improvements**

1. Canfield Dr. Sanitary Sewer
2. North St. Sanitary Sewer
3. Convert the Wastewater Treatment Plant from electric to natural gas

### **Water Treatment and Supply**

1. Waterline Loop System for Water Tower Transmission Main (Lost Pond Parkway to Claridon Road)
2. Replace water mains on Randall Court, Goodrich Court, and Claridon Road
3. Feasibility Study and Construction of Additional Well
4. Paint Water Treatment Plant
5. Canfield Dr. Water Line
6. Waterline Loop from Randall Court to Carson Drive
7. South Street Water Main Replacement

## **Capital Project Maps**

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The ensuing pages present separate aerial maps for each project, a map showing each project to be completed from 2023 to 2027, maps for each year of the Capital Improvement Plan that displays the projects to be constructed in that year, a map showing roadway projects from 2013 to 2022, and a map showing roadway projects from 2013 to 2027.